

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
 Data File : VX012150.D
 Acq On : 06 Sep 2019 16:09
 Operator : SY/SP
 Sample : VX0906SBSD01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBSD01

Quant Time: Sep 07 01:15:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	118616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	219153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	92089	56.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.54%	
35) Dibromofluoromethane	5.48	113	70649	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	8.71	98	261585	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.14	95	115044	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	20106	18.381	ug/l	100
3) Chloromethane	1.31	50	20884	18.643	ug/l	98
4) Vinyl Chloride	1.40	62	19474	18.477	ug/l	100
5) Bromomethane	1.62	94	10257	19.618	ug/l	96
6) Chloroethane	1.70	64	12484	19.054	ug/l	99
7) Trichlorofluoromethane	1.91	101	31552	19.274	ug/l	98
8) Diethyl Ether	2.17	74	11666	20.622	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	22630	18.664	ug/l #	84
10) Methyl Iodide	2.50	142	9783	13.844	ug/l	90
11) Tert butyl alcohol	3.04	59	16848	107.174	ug/l	95
12) 1,1-Dichloroethene	2.36	96	21039	18.013	ug/l	89
13) Acrolein	2.28	56	6030	138.660	ug/l	86
14) Allyl chloride	2.71	41	39436	18.660	ug/l	96
15) Acrylonitrile	3.13	53	37030	104.170	ug/l	98
16) Acetone	2.43	43	35591	90.979	ug/l	95
17) Carbon Disulfide	2.56	76	51291	15.026	ug/l	100
18) Methyl Acetate	2.76	43	20455	22.196	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	76978	20.244	ug/l	98
20) Methylene Chloride	2.84	84	30343	19.316	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	25075	18.294	ug/l	89
22) Diisopropyl ether	3.84	45	87278	20.261	ug/l	96
23) Vinyl Acetate	3.80	43	279820	100.414	ug/l	98
24) 1,1-Dichloroethane	3.69	63	48269	19.320	ug/l	99
25) 2-Butanone	4.66	43	51252	102.923	ug/l	93
26) 2,2-Dichloropropane	4.56	77	42708	18.515	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	30075	18.719	ug/l	90
28) Bromochloromethane	5.00	49	21216	21.273	ug/l #	81
29) Tetrahydrofuran	5.11	42	32196	107.311	ug/l	98
30) Chloroform	5.19	83	52813	19.700	ug/l	98
31) Cyclohexane	5.56	56	35814	17.849	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	45390	19.440	ug/l	96
36) 1,1-Dichloropropene	5.78	75	35222	18.248	ug/l	95
37) Ethyl Acetate	4.82	43	21472	20.457	ug/l	98
38) Carbon Tetrachloride	5.77	117	37822	18.596	ug/l	96

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 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0906SBS01

Quant Time: Sep 07 01:15:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	37584	16.777	ug/l	94
40) Benzene	6.13	78	101841	18.379	ug/l	98
41) Methacrylonitrile	5.03	41	12695	20.281	ug/l	95
42) 1,2-Dichloroethane	6.18	62	40966	20.544	ug/l	97
43) Isopropyl Acetate	6.43	43	43750	20.499	ug/l	98
44) Trichloroethene	7.20	130	27328	18.285	ug/l	85
45) 1,2-Dichloropropane	7.51	63	28010	19.565	ug/l	99
46) Dibromomethane	7.65	93	16391	19.613	ug/l #	72
47) Bromodichloromethane	7.89	83	40245	18.945	ug/l	96
48) Methyl methacrylate	7.76	41	21451	19.990	ug/l	96
49) 1,4-Dioxane	7.73	88	6227	425.670	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	113567	104.617	ug/l	98
52) Toluene	8.78	92	67352	18.681	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	39559	17.987	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	46091	18.846	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	23282	19.486	ug/l	95
56) Ethyl methacrylate	9.17	69	32895	19.221	ug/l	93
57) 1,3-Dichloropropane	9.37	76	41158	19.962	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	78782	102.104	ug/l	94
59) 2-Hexanone	9.49	43	80544	101.684	ug/l	97
60) Dibromochloromethane	9.57	129	27204	19.104	ug/l	100
61) 1,2-Dibromoethane	9.67	107	22498	19.486	ug/l	98
64) Tetrachloroethene	9.33	164	24186	19.071	ug/l #	82
65) Chlorobenzene	10.14	112	74340	18.522	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	27820	18.957	ug/l	98
67) Ethyl Benzene	10.25	91	133888	18.301	ug/l	97
68) m/p-Xylenes	10.35	106	97631	36.220	ug/l	87
69) o-Xylene	10.70	106	47699	18.249	ug/l	90
70) Styrene	10.71	104	85077	18.740	ug/l	94
71) Bromoform	10.85	173	14759	18.310	ug/l #	97
73) Isopropylbenzene	11.01	105	131343	18.308	ug/l	97
74) N-amyl acetate	10.89	43	41335	19.487	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	28954	19.359	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	32108	26.876	ug/l	78
77) Bromobenzene	11.25	156	30389	18.940	ug/l	69
78) n-propylbenzene	11.35	91	160784	18.551	ug/l	93
79) 2-Chlorotoluene	11.42	91	97860	18.637	ug/l	89
80) 1,3,5-Trimethylbenzene	11.50	105	115084	18.305	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	8527	16.874	ug/l	91
82) 4-Chlorotoluene	11.51	91	117283	18.740	ug/l	91
83) tert-Butylbenzene	11.76	119	114356	19.084	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	120181	18.599	ug/l	94
85) sec-Butylbenzene	11.94	105	138620	18.625	ug/l	94
86) p-Isopropyltoluene	12.06	119	122737	18.133	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	61990	19.281	ug/l	92
88) 1,4-Dichlorobenzene	12.09	146	60361	18.776	ug/l	92
89) n-Butylbenzene	12.38	91	120105	18.266	ug/l	96
90) Hexachloroethane	12.59	117	23825	17.629	ug/l	55
91) 1,2-Dichlorobenzene	12.38	146	56345	19.459	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6042	19.305	ug/l	60

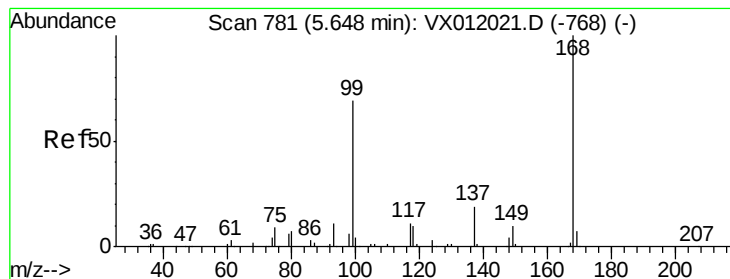
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
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Acq On : 06 Sep 2019 16:09
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	35440	17.196	ug/l	95
94) Hexachlorobutadiene	13.77	225	18398	17.709	ug/l	98
95) Naphthalene	13.83	128	81212	18.207	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	31974	17.634	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

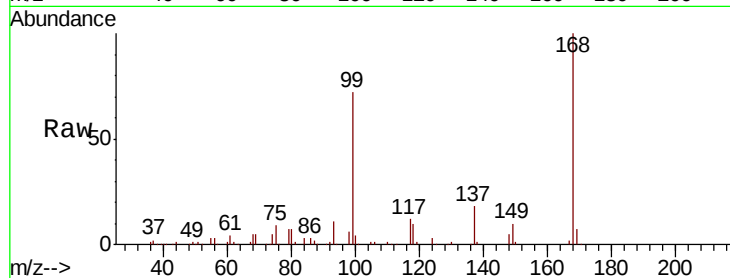
VX0906SBS01

Tgt Ion:168 Resp: 118616

Ion Ratio Lower Upper

168 100

99 72.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

20000

10000

0

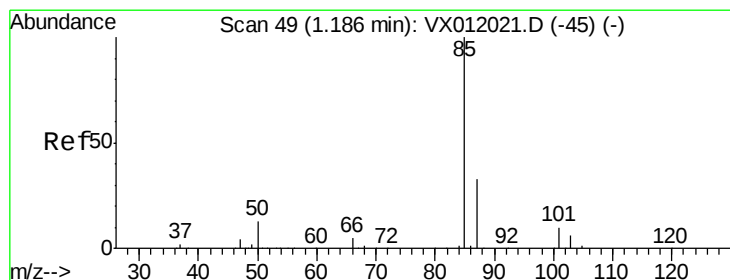
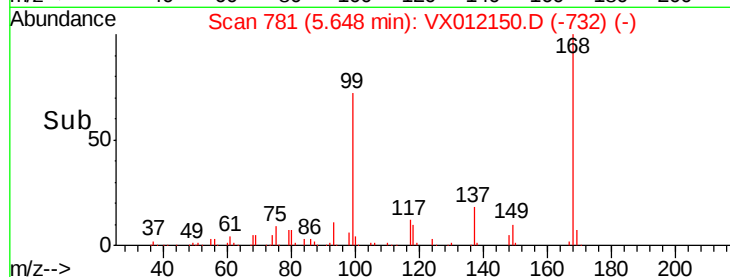
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 18.381 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012150.D

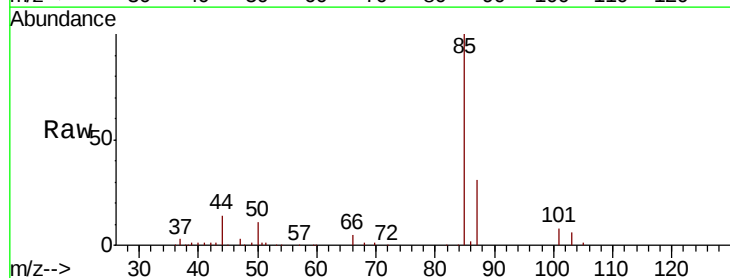
Acq: 06 Sep 2019 16:09

Tgt Ion: 85 Resp: 20106

Ion Ratio Lower Upper

85 100

87 30.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

20000

15000

10000

5000

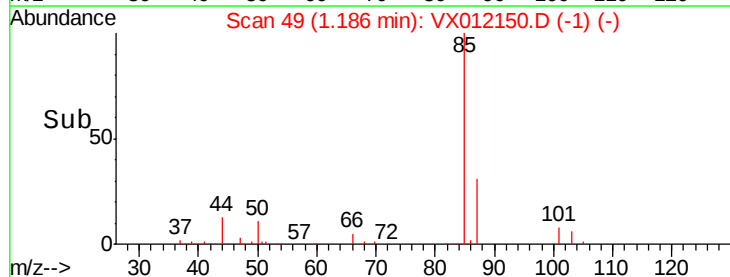
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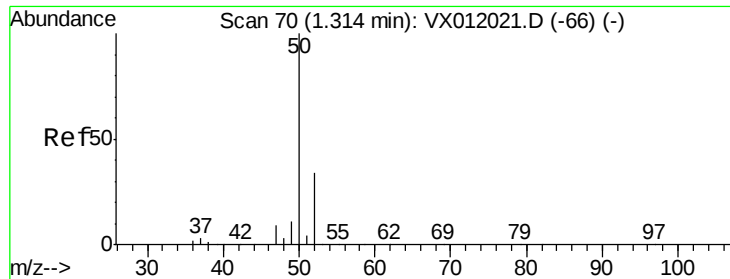
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 18.643 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

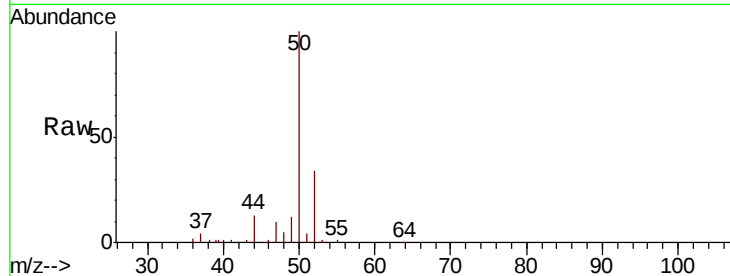
VX0906SBSD01

Tgt Ion: 50 Resp: 20884

Ion Ratio Lower Upper

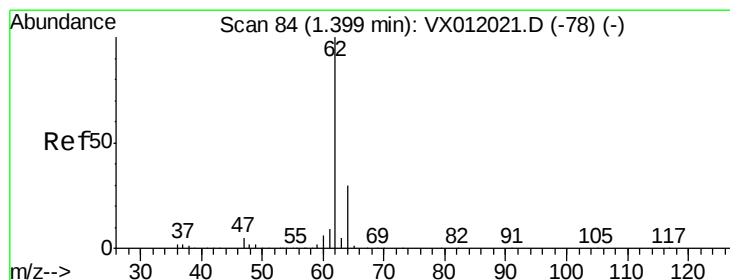
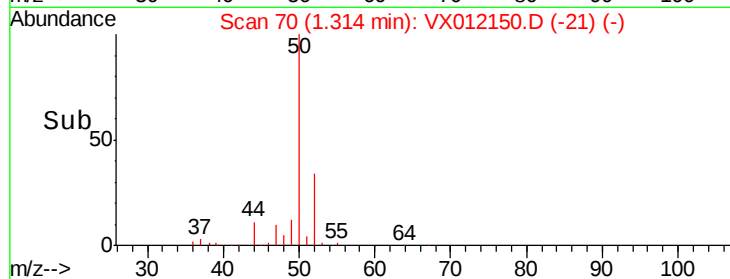
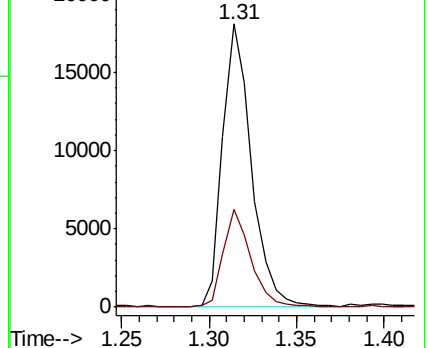
50 100

52 34.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.477 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012150.D

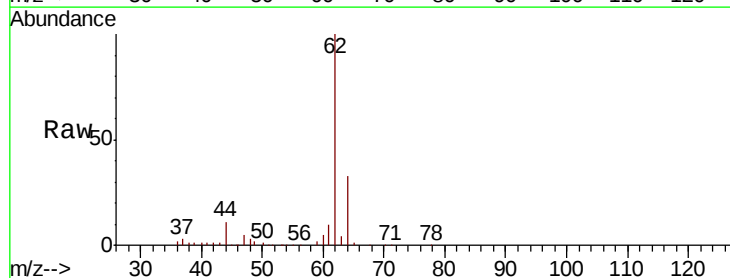
Acq: 06 Sep 2019 16:09

Tgt Ion: 62 Resp: 19474

Ion Ratio Lower Upper

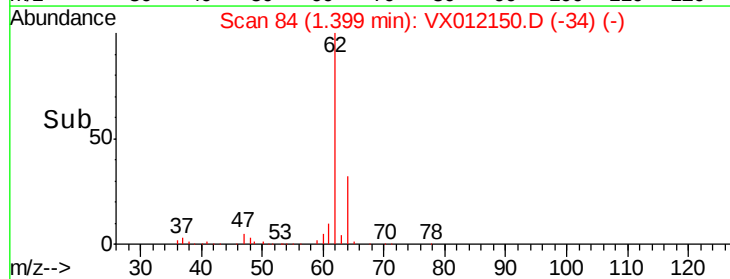
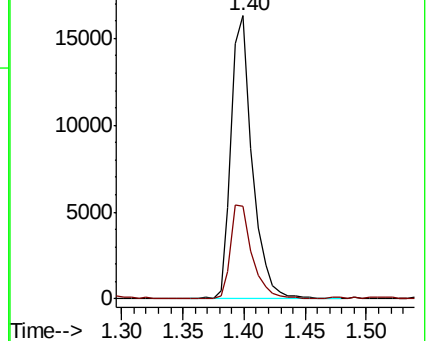
62 100

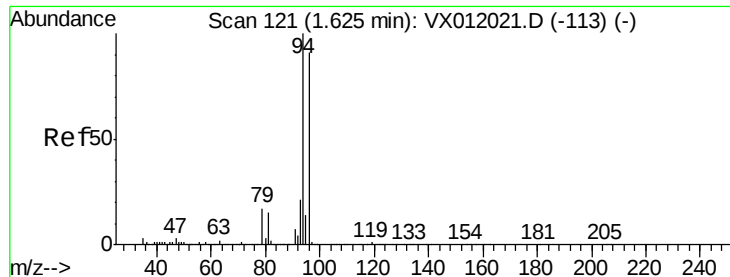
64 32.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.618 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

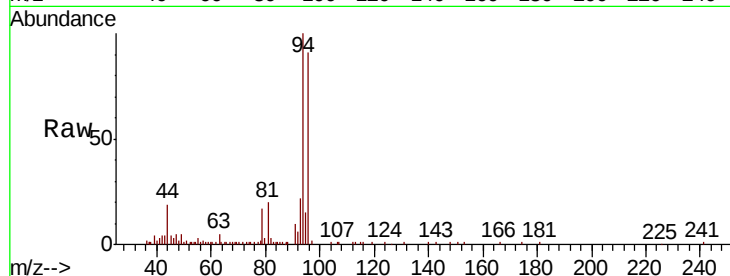
VX0906SBS01

Tgt Ion: 94 Resp: 10257

Ion Ratio Lower Upper

94 100

96 91.3 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

12000

10000

8000

6000

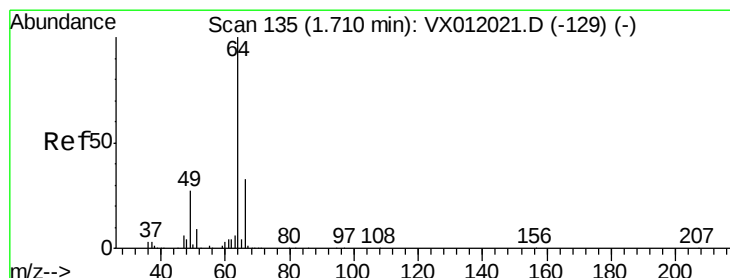
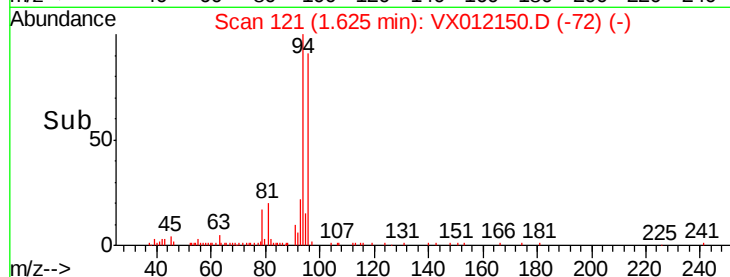
4000

2000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 19.054 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012150.D

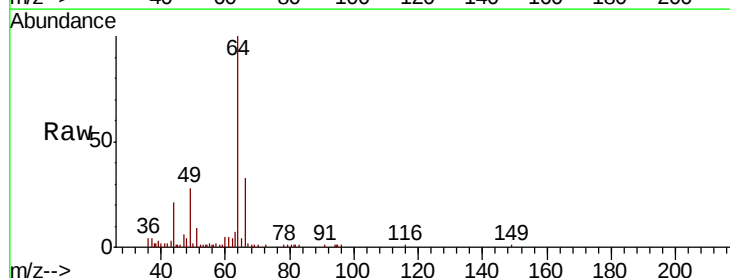
Acq: 06 Sep 2019 16:09

Tgt Ion: 64 Resp: 12484

Ion Ratio Lower Upper

64 100

66 32.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

10000

8000

6000

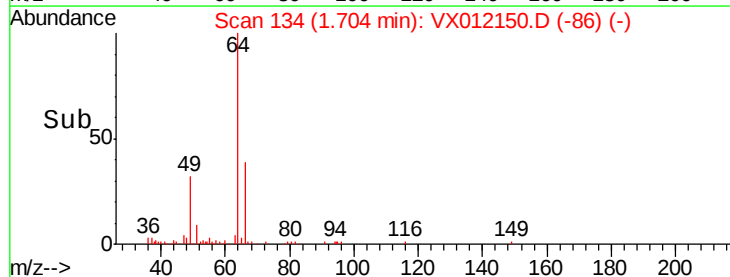
4000

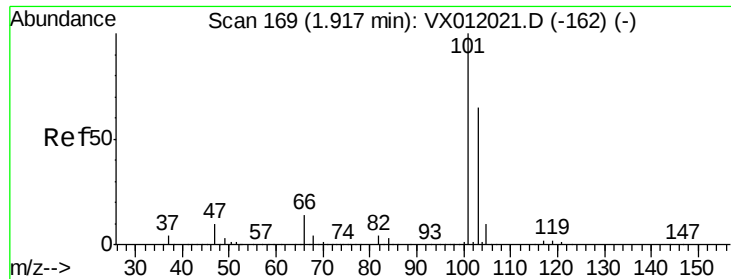
2000

0

1.65 1.70 1.75 1.80

Time-->



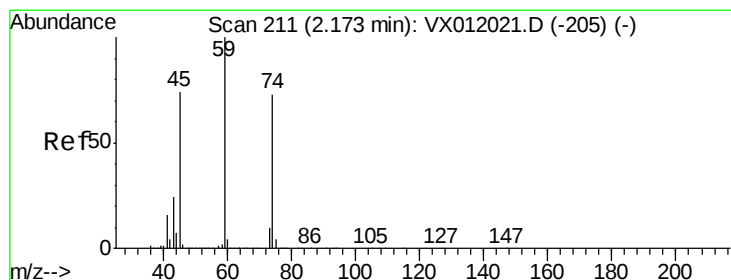
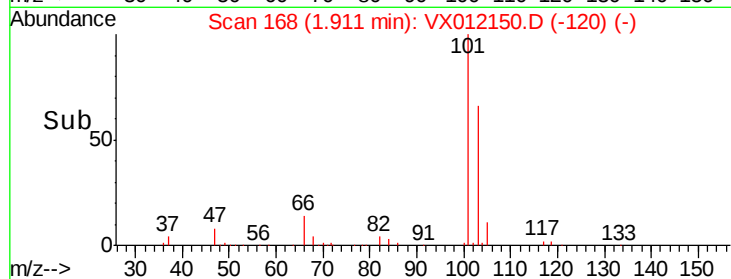
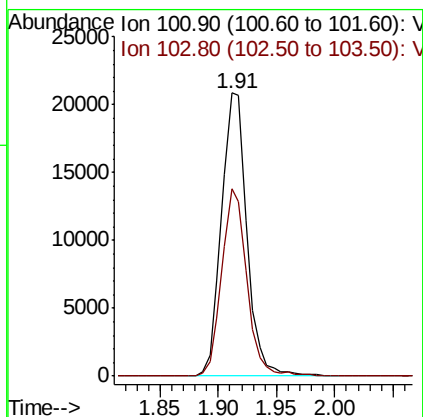
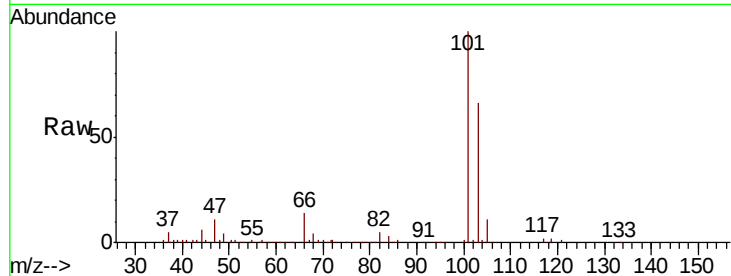


#7

Trichlorofluoromethane
Concen: 19.274 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Instrument :
MSVOA_X
ClientSampleId :
VX0906SBS01

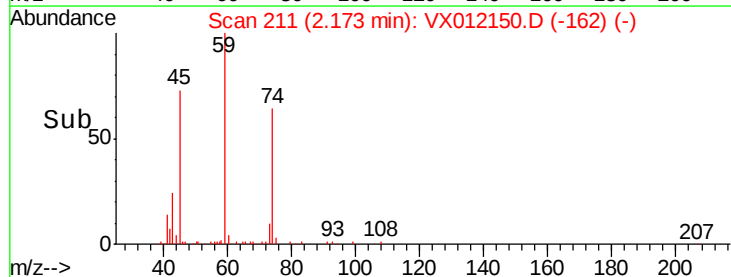
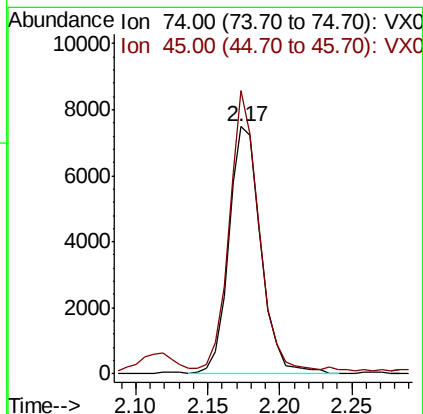
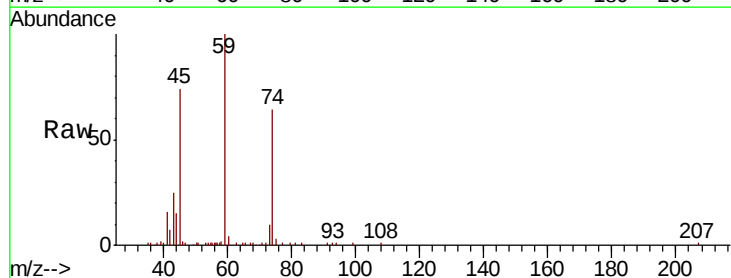
Tgt Ion:101 Resp: 31552
Ion Ratio Lower Upper
101 100
103 66.3 51.6 77.4

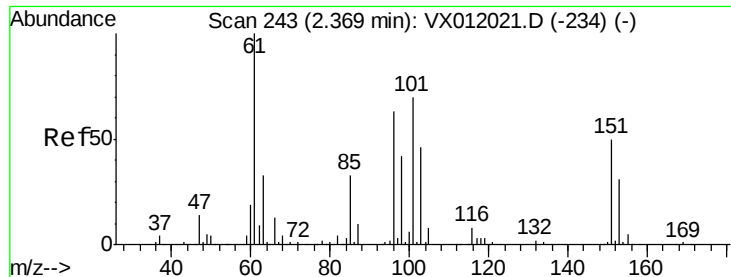


#8

Diethyl Ether
Concen: 20.622 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 74 Resp: 11666
Ion Ratio Lower Upper
74 100
45 102.7 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.664 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBSD01

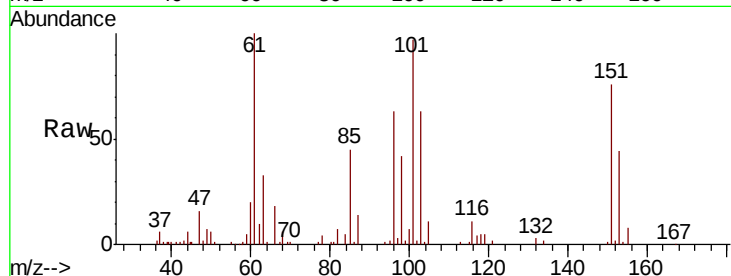
Tgt Ion:101 Resp: 22630

Ion Ratio Lower Upper

101 100

85 45.3 34.5 51.7

151 72.2 75.0 112.4#

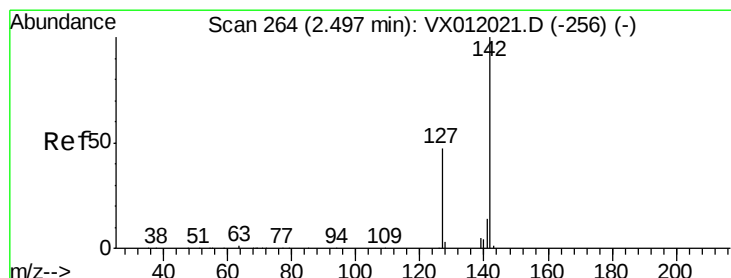
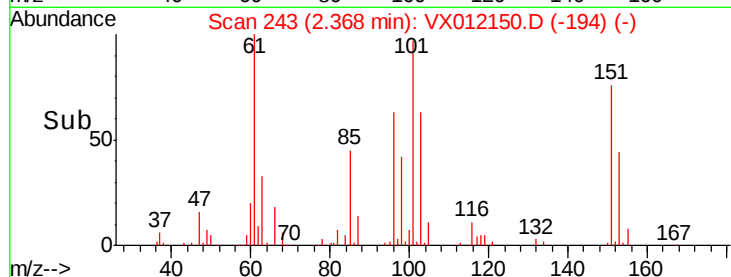
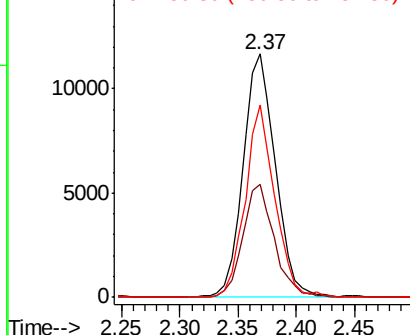


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.844 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

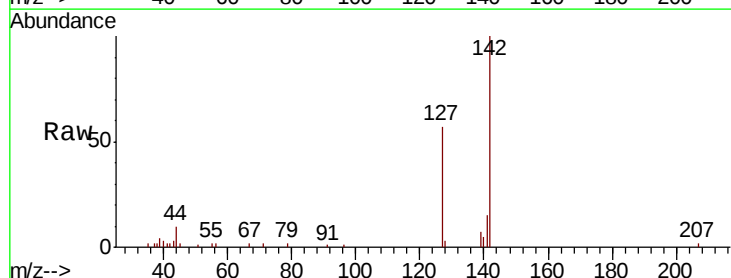
Tgt Ion:142 Resp: 9783

Ion Ratio Lower Upper

142 100

127 52.9 35.4 53.2

141 14.2 11.4 17.2

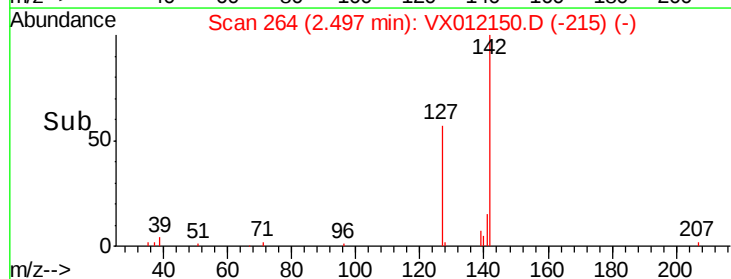
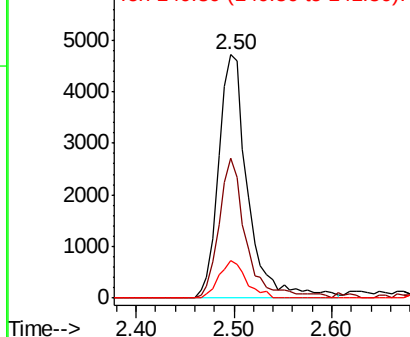


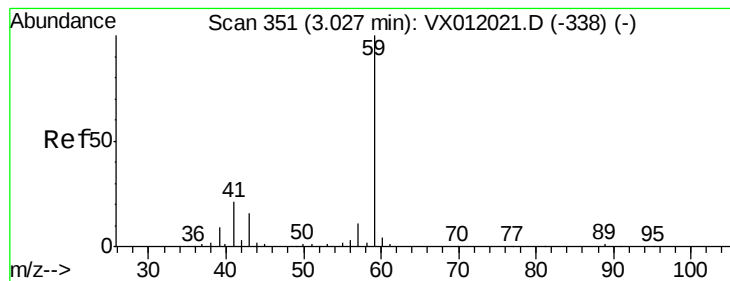
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



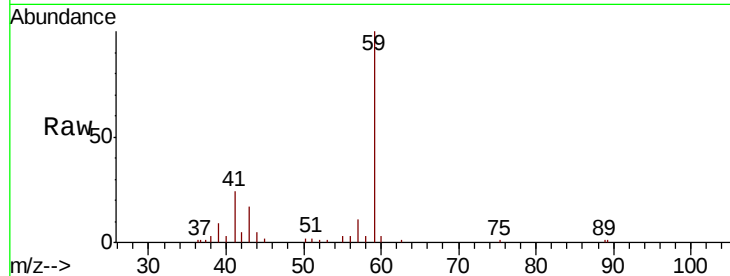


#11

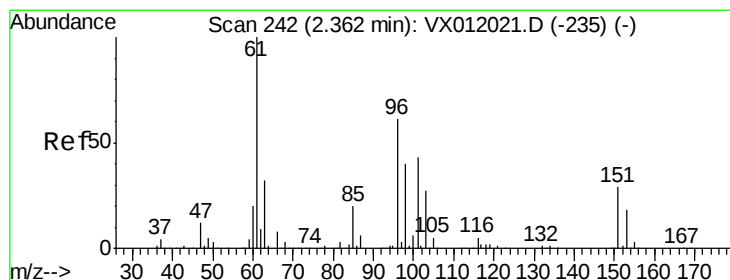
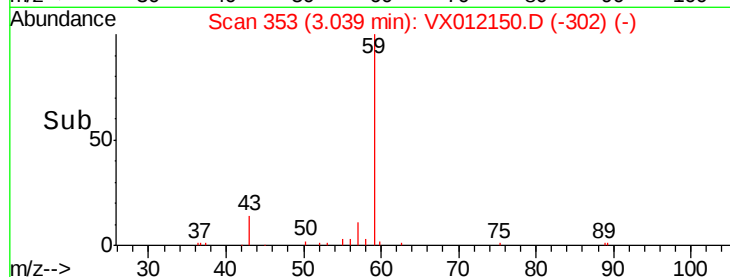
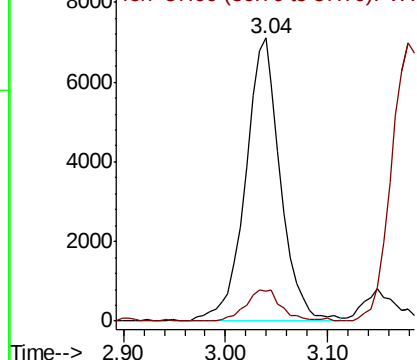
Tert butyl alcohol
 Concen: 107.174 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBSD01

Tgt Ion: 59 Resp: 16848
 Ion Ratio Lower Upper
 59 100
 57 11.6 7.9 11.9



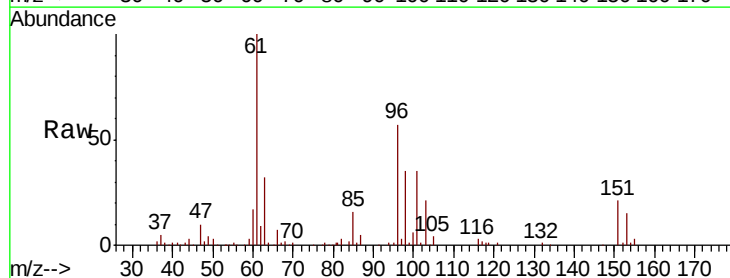
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



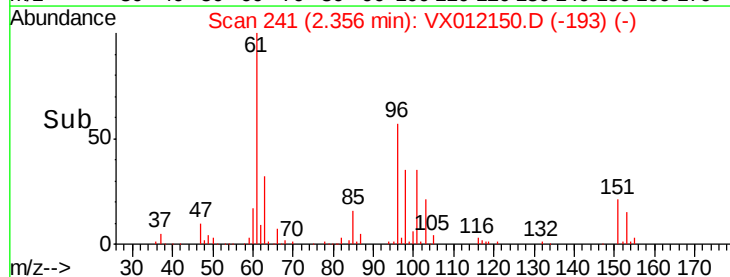
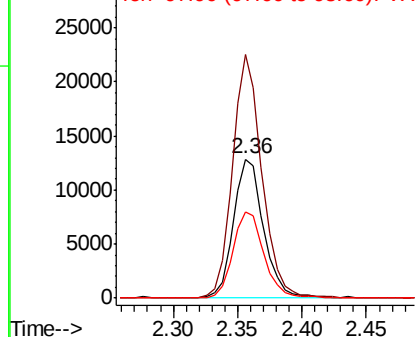
#12

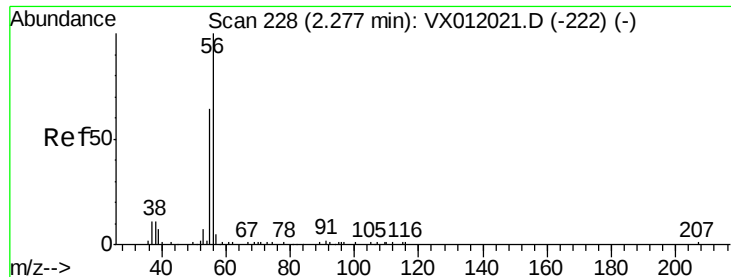
1,1-Dichloroethene
 Concen: 18.013 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Tgt Ion: 96 Resp: 21039
 Ion Ratio Lower Upper
 96 100
 61 175.5 124.1 186.1
 98 62.1 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 138.660 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

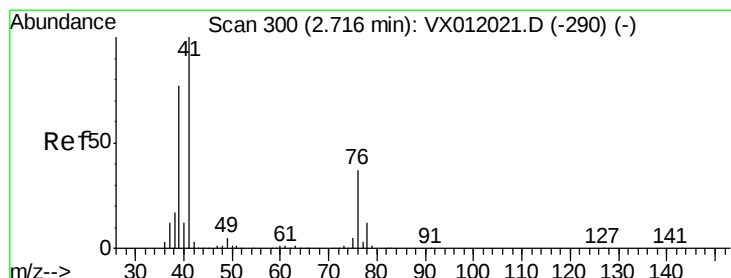
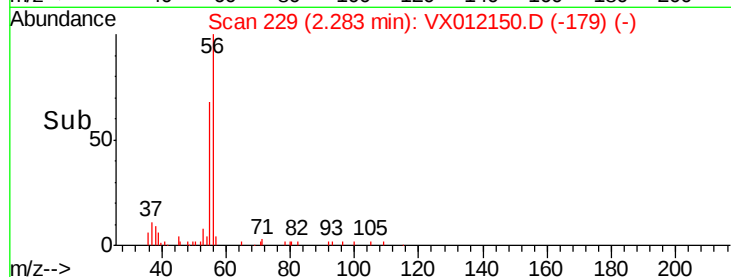
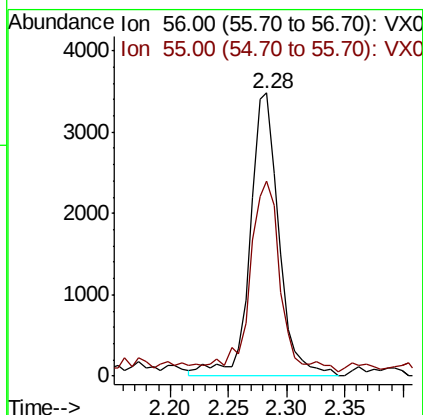
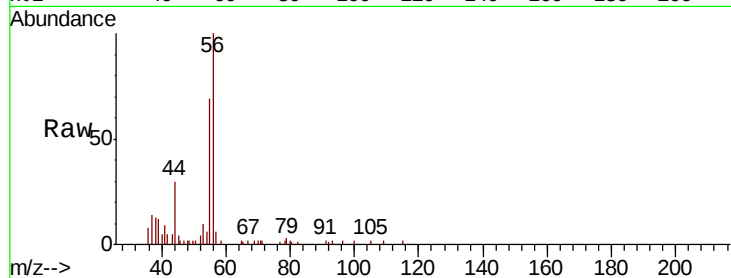
VX0906SBS01

Tgt Ion: 56 Resp: 6030

Ion Ratio Lower Upper

56 100

55 62.3 59.2 88.8



#14

Allyl chloride

Concen: 18.660 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

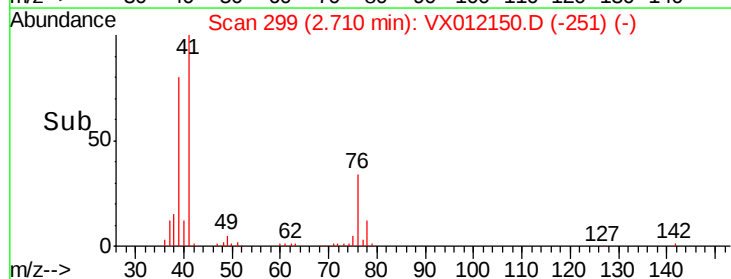
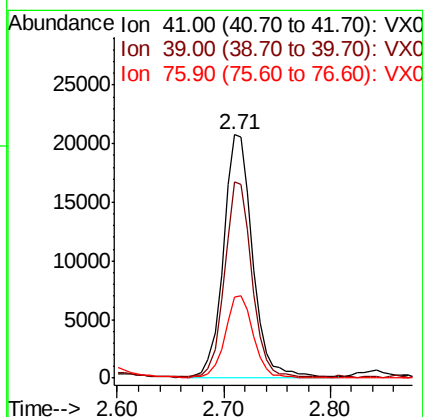
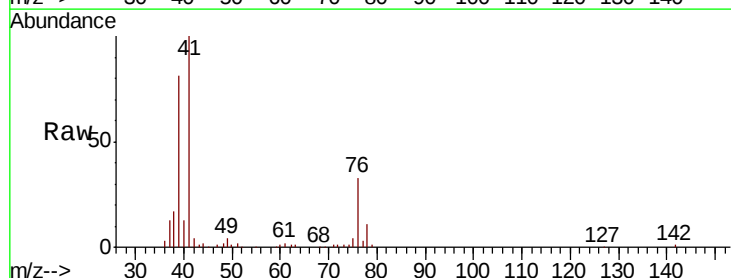
Tgt Ion: 41 Resp: 39436

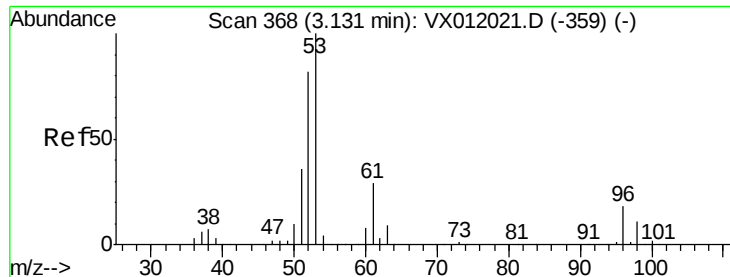
Ion Ratio Lower Upper

41 100

39 75.2 57.9 86.9

76 33.2 28.5 42.7





#15

Acrylonitrile

Concen: 104.170 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBSD01

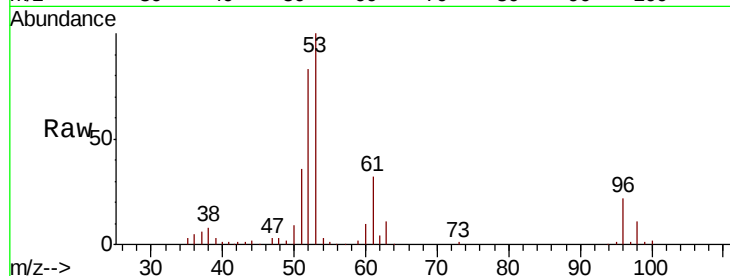
Tgt Ion: 53 Resp: 37030

Ion Ratio Lower Upper

53 100

52 80.9 65.6 98.4

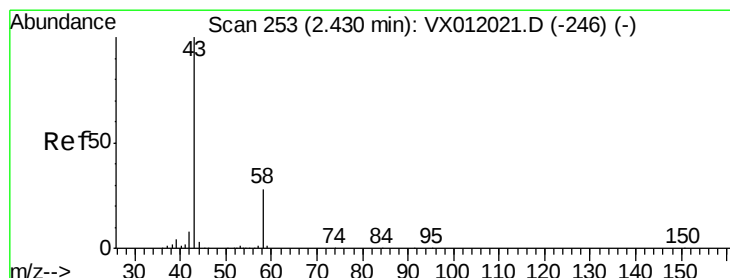
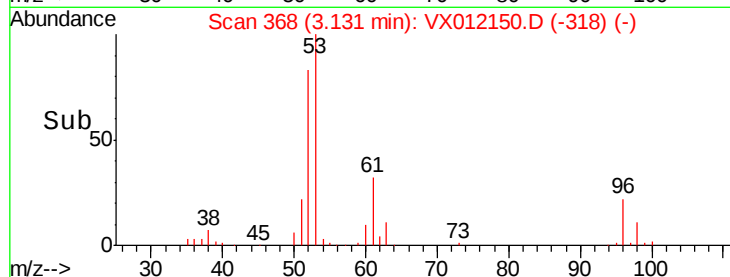
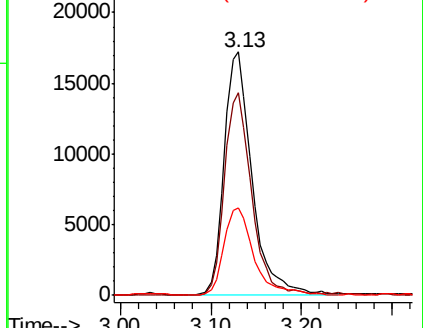
51 38.7 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 90.979 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012150.D

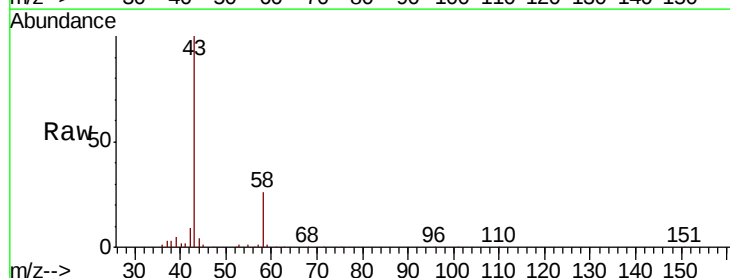
Acq: 06 Sep 2019 16:09

Tgt Ion: 43 Resp: 35591

Ion Ratio Lower Upper

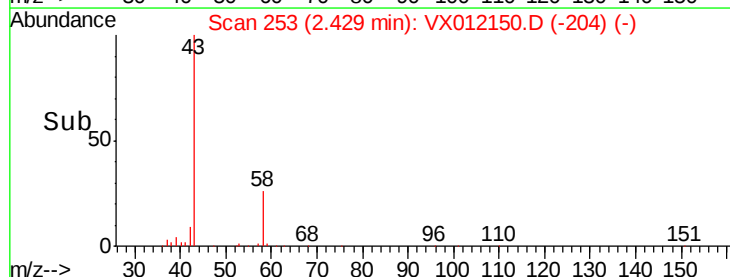
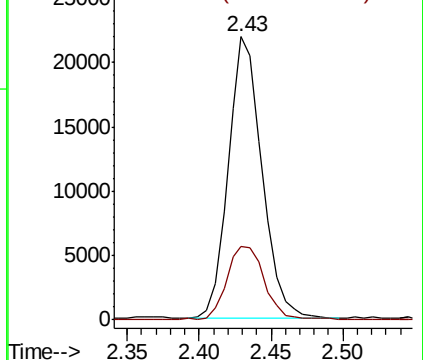
43 100

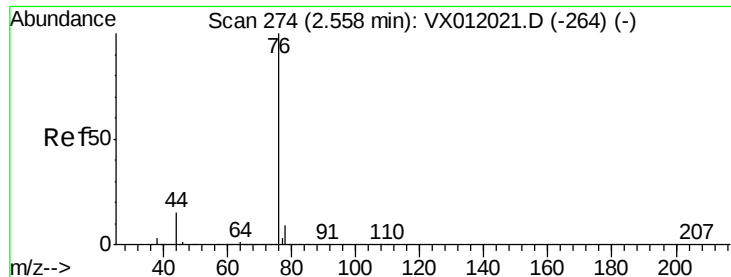
58 26.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.026 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

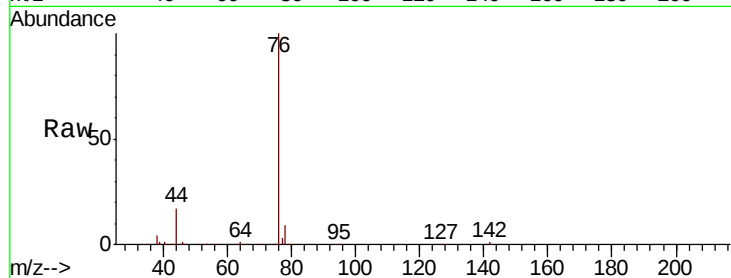
VX0906SBSD01

Tgt Ion: 76 Resp: 51291

Ion Ratio Lower Upper

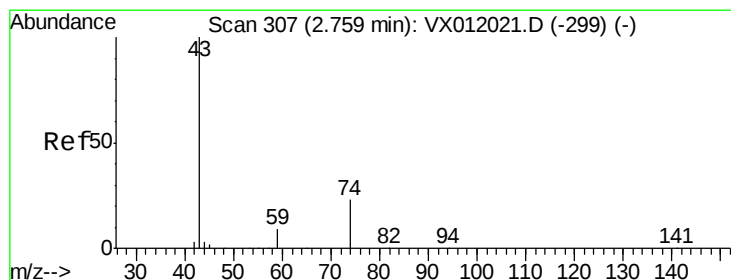
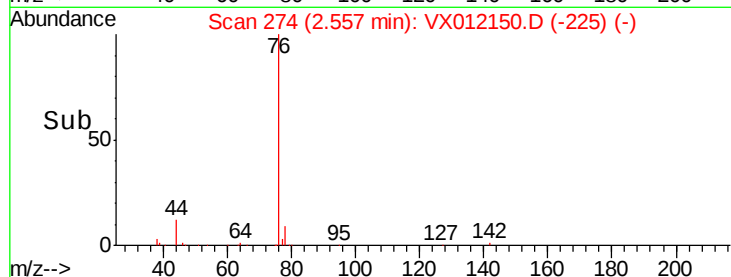
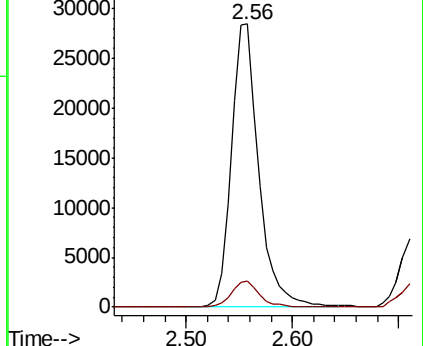
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.196 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012150.D

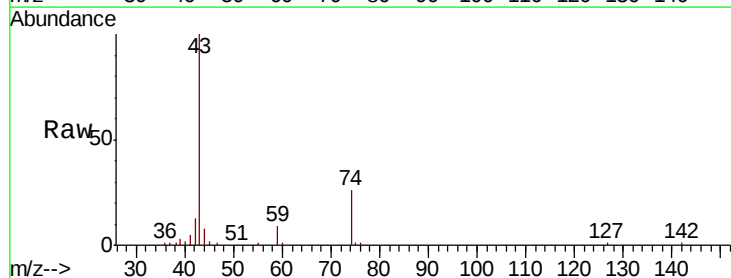
Acq: 06 Sep 2019 16:09

Tgt Ion: 43 Resp: 20455

Ion Ratio Lower Upper

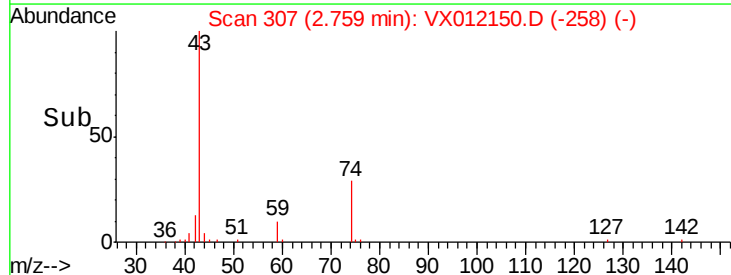
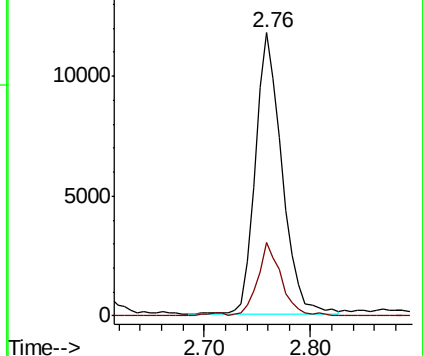
43 100

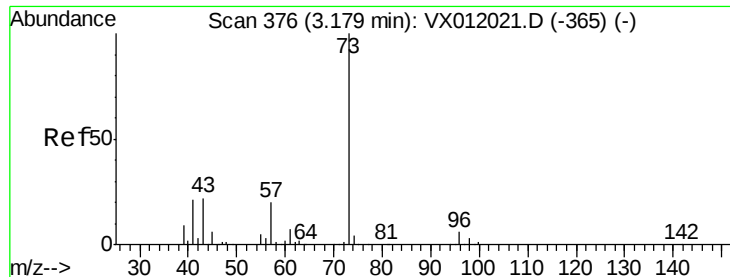
74 23.4 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

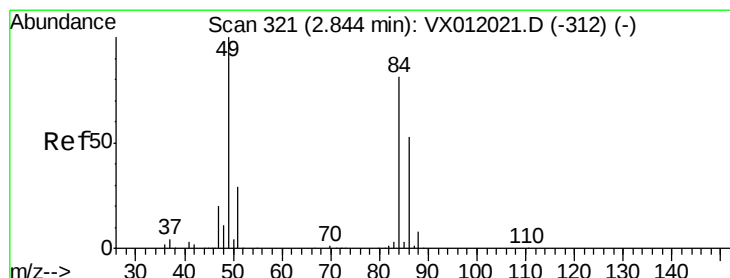
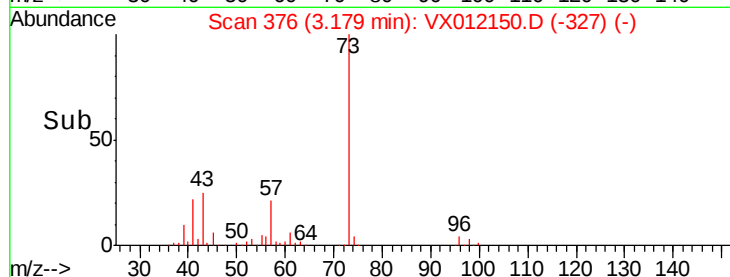
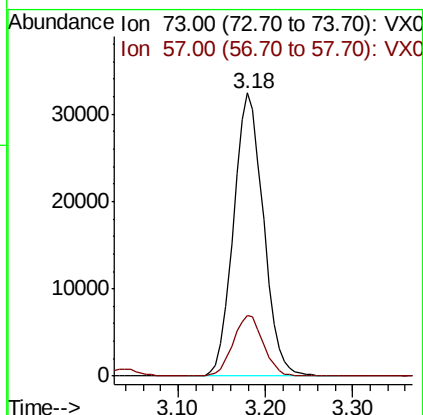
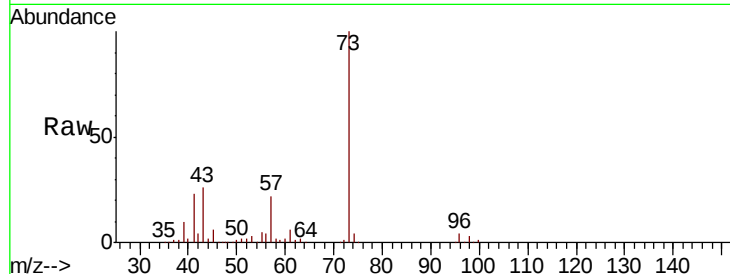




#19
Methyl tert-butyl Ether
Concen: 20.244 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

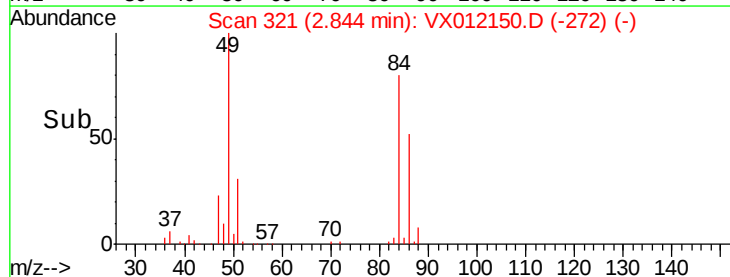
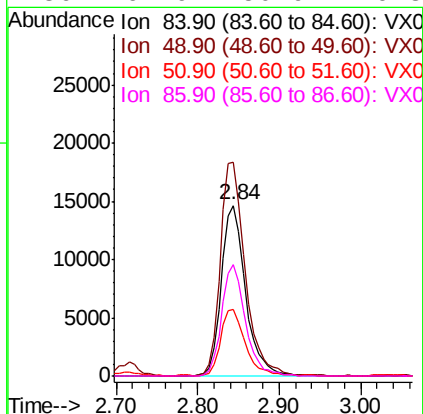
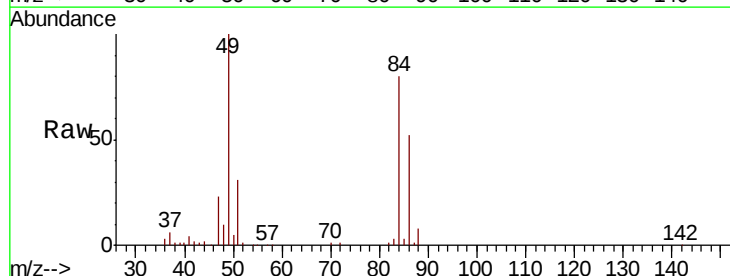
Instrument :
MSVOA_X
ClientSampleId :
VX0906SBSD01

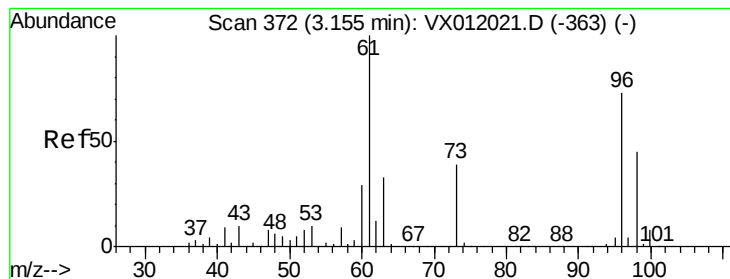
Tgt Ion: 73 Resp: 76978
Ion Ratio Lower Upper
73 100
57 21.5 16.6 25.0



#20
Methylene Chloride
Concen: 19.316 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 84 Resp: 30343
Ion Ratio Lower Upper
84 100
49 125.0 95.8 143.8
51 39.3 28.6 43.0
86 64.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 18.294 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBS01

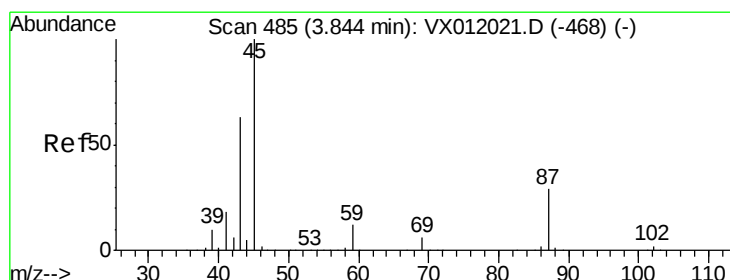
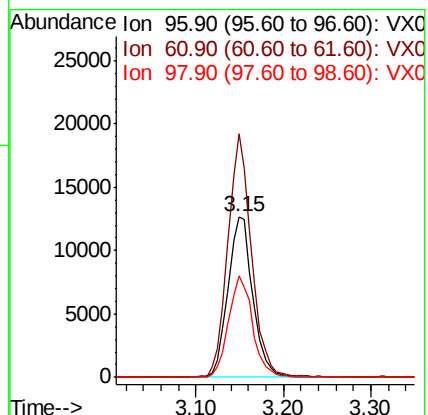
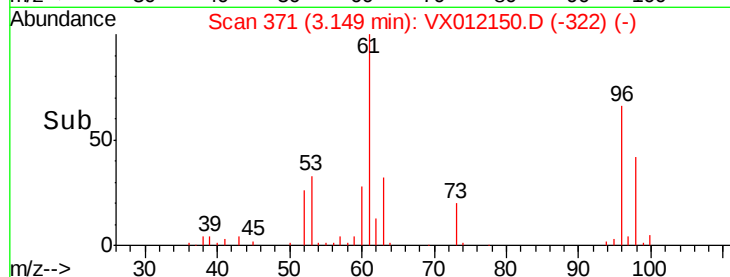
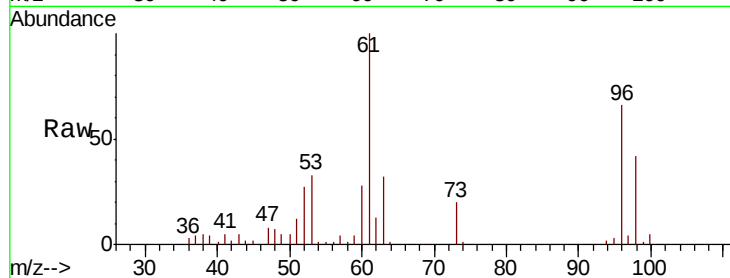
Tgt Ion: 96 Resp: 25075

Ion Ratio Lower Upper

96 100

61 151.3 107.0 160.6

98 63.3 49.8 74.6



#22

Diisopropyl ether

Concen: 20.261 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Tgt Ion: 45 Resp: 87278

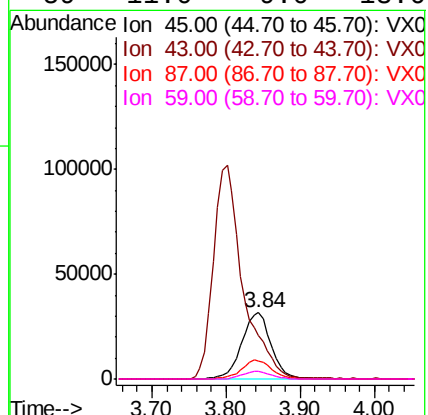
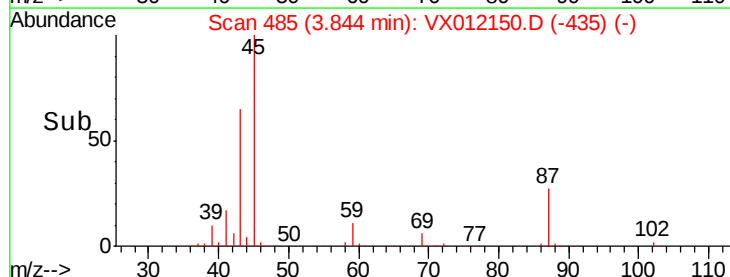
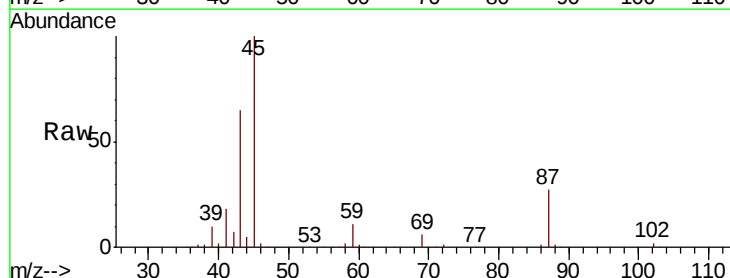
Ion Ratio Lower Upper

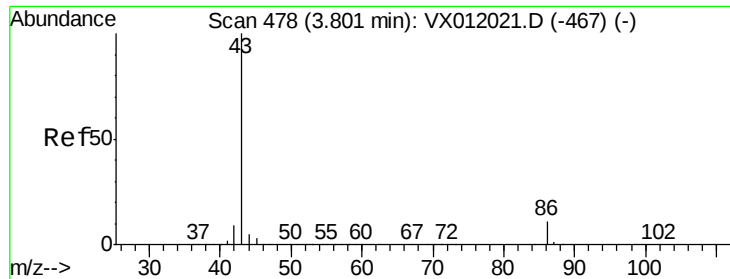
45 100

43 64.4 54.2 81.4

87 26.8 23.4 35.0

59 11.0 9.0 13.6





#23

Vinyl Acetate

Concen: 100.414 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

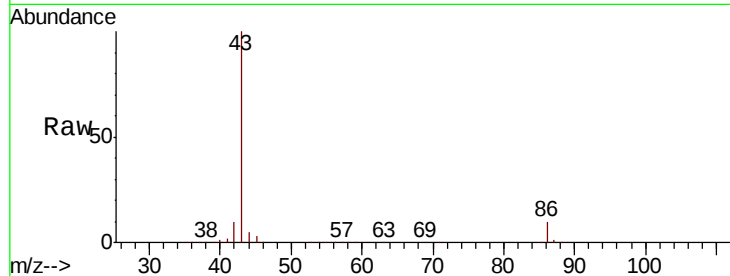
VX0906SBS01

Tgt Ion: 43 Resp: 279820

Ion Ratio Lower Upper

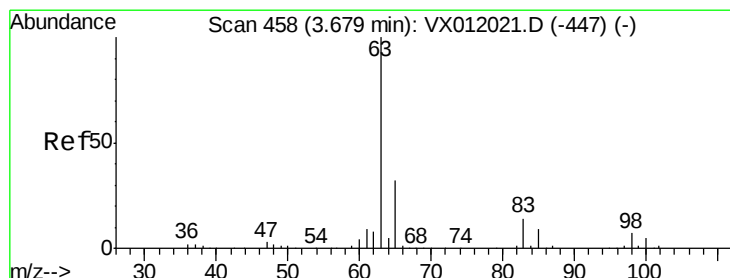
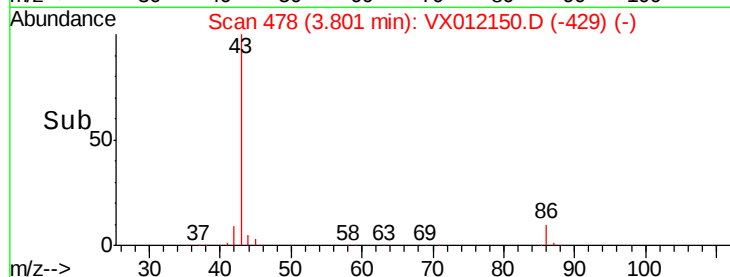
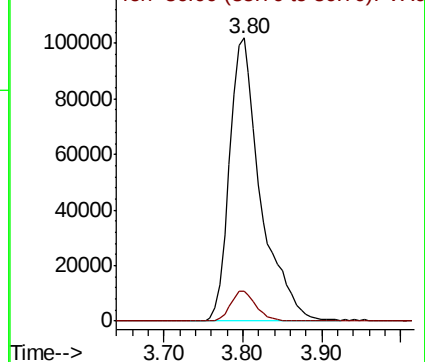
43 100

86 10.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.320 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.01 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

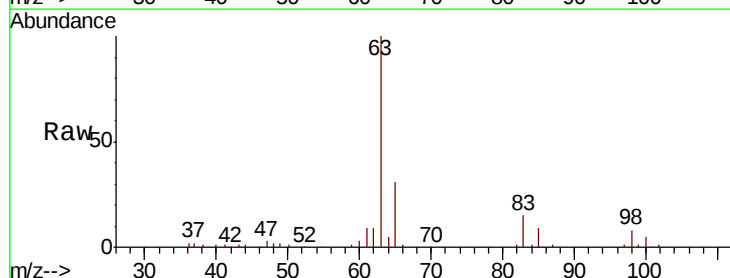
Tgt Ion: 63 Resp: 48269

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

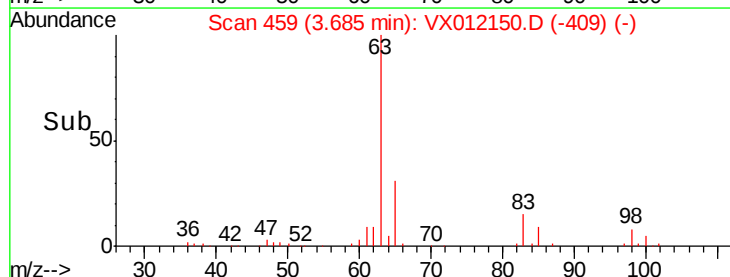
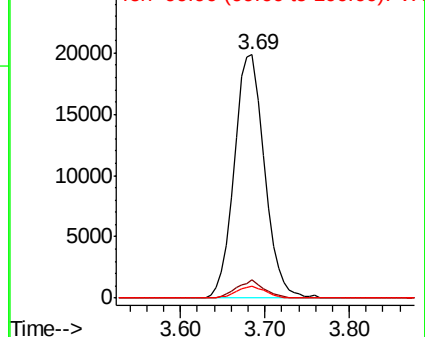
100 4.7 2.5 7.4

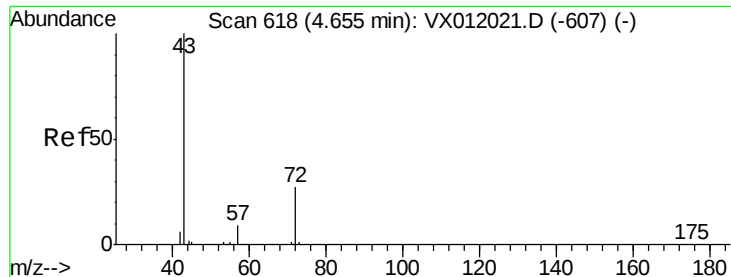


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.923 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

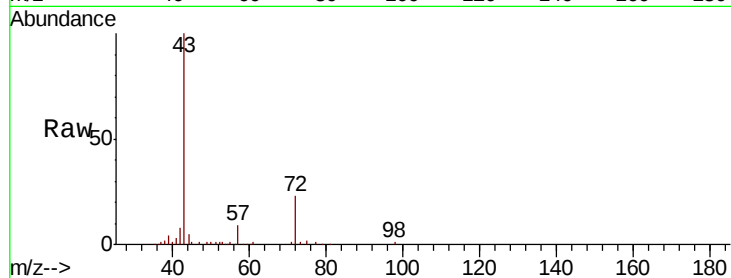
VX0906SBSD01

Tgt Ion: 43 Resp: 51252

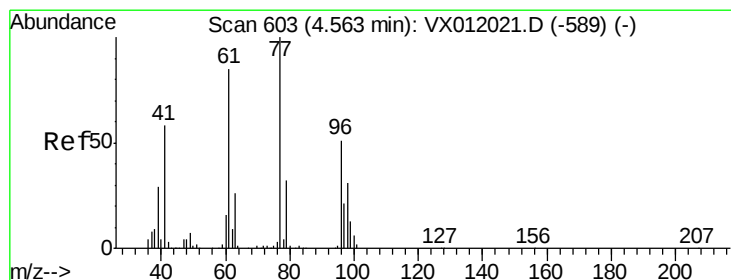
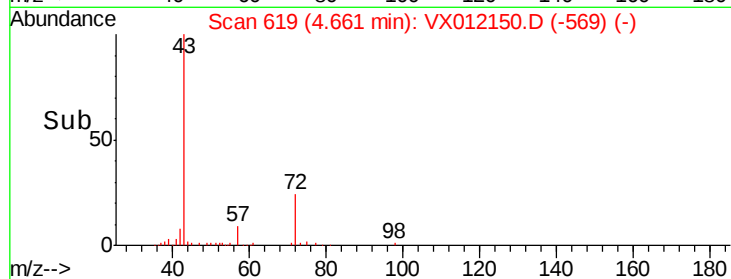
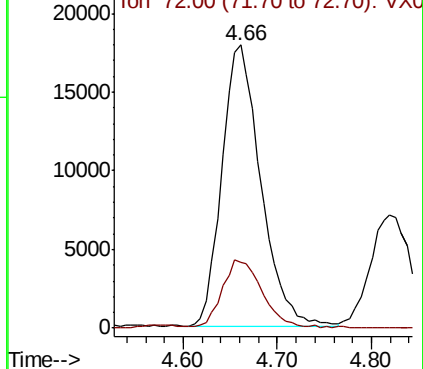
Ion Ratio Lower Upper

43 100

72 23.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 18.515 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012150.D

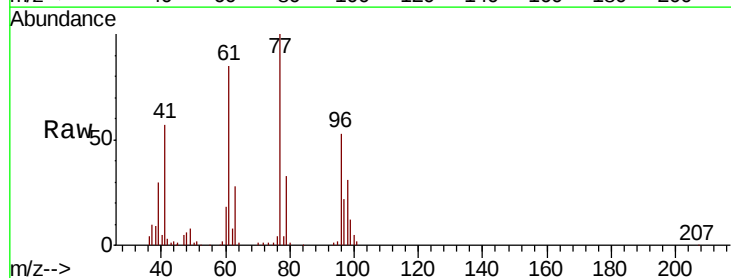
Acq: 06 Sep 2019 16:09

Tgt Ion: 77 Resp: 42708

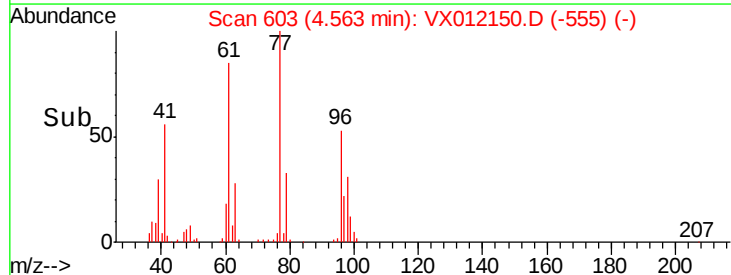
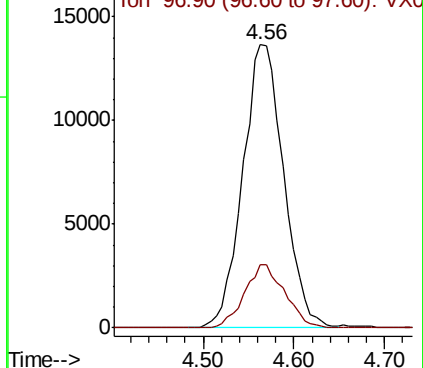
Ion Ratio Lower Upper

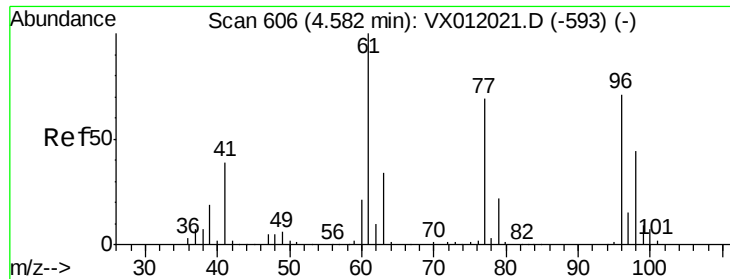
77 100

97 21.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

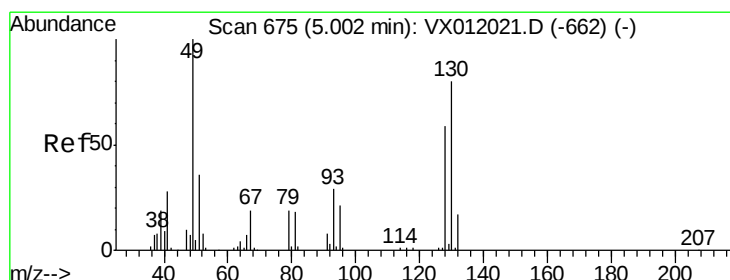
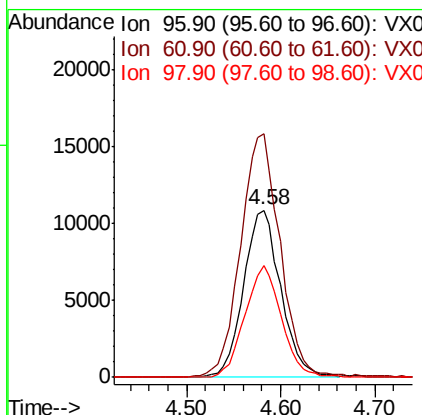
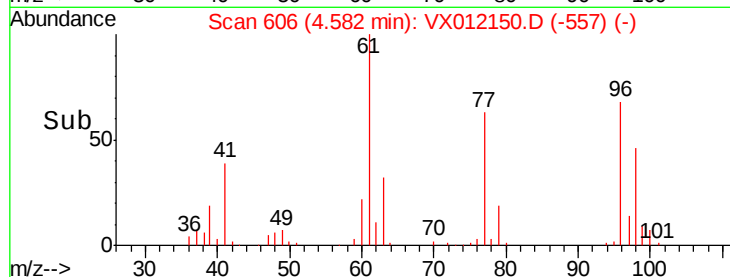
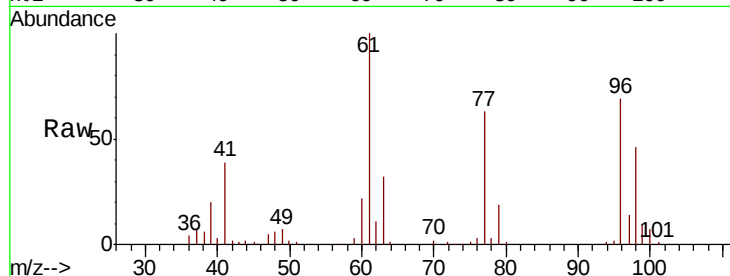




#27
 cis-1,2-Dichloroethene
 Concen: 18.719 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

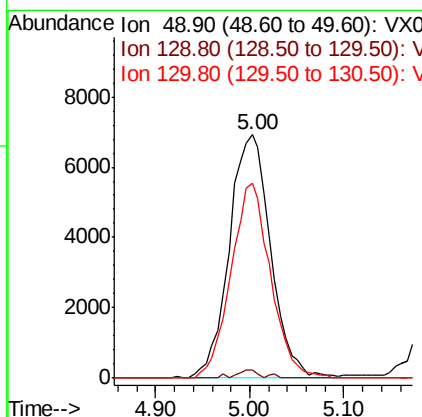
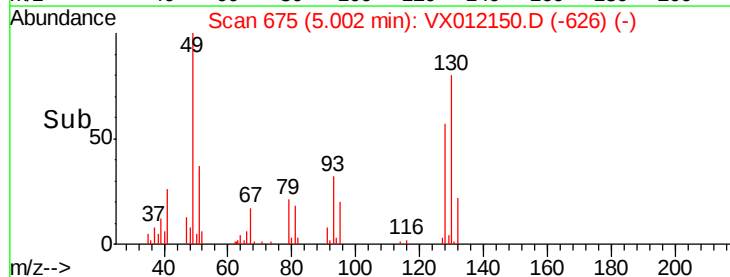
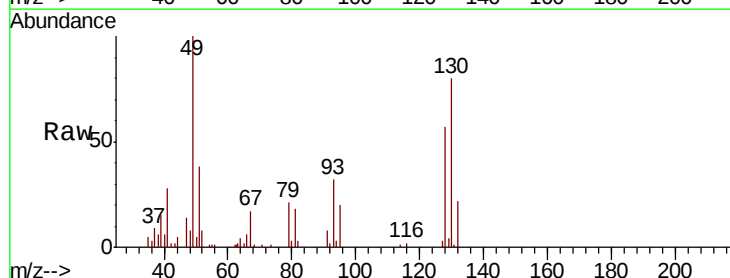
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBSD01

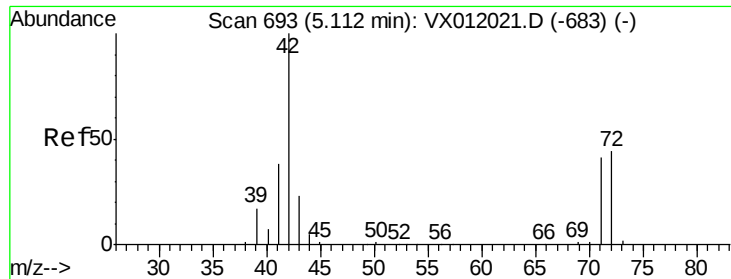
Tgt Ion: 96 Resp: 30075
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 277.0
 98 65.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 21.273 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Tgt Ion: 49 Resp: 21216
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 5.6
 130 76.5 76.7 115.1#

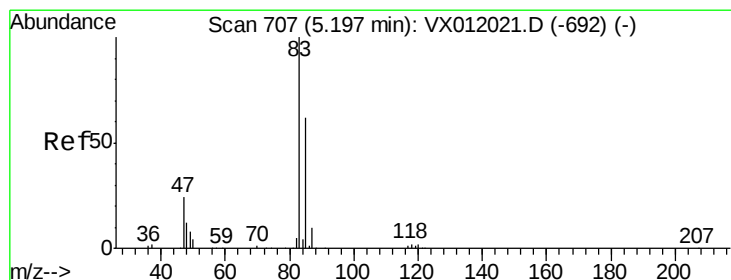
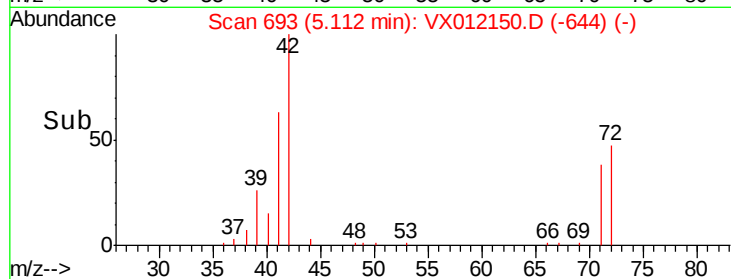
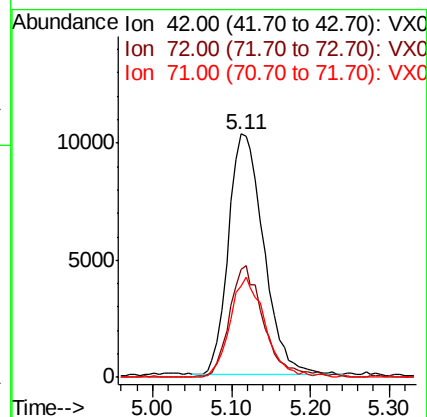
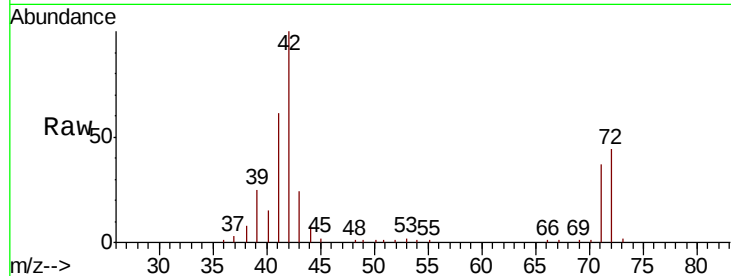




#29
Tetrahydrofuran
Concen: 107.311 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

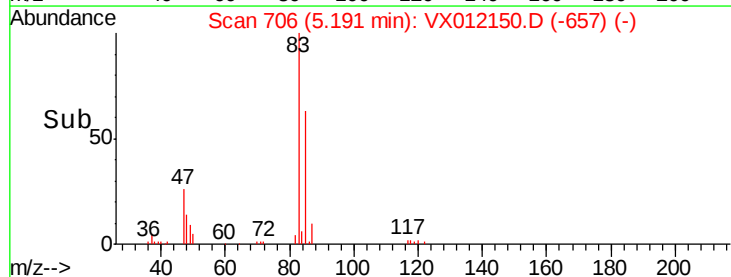
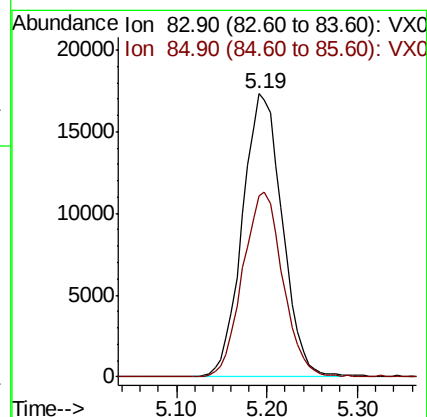
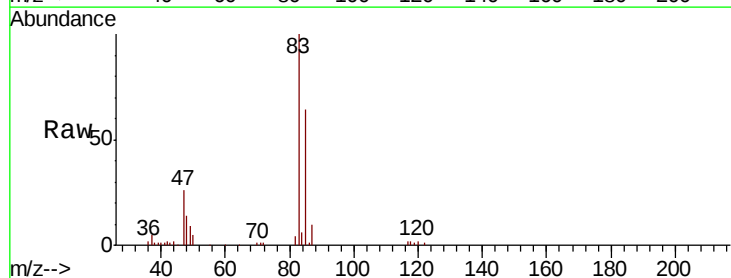
Instrument :
MSVOA_X
ClientSampleId :
VX0906SBSD01

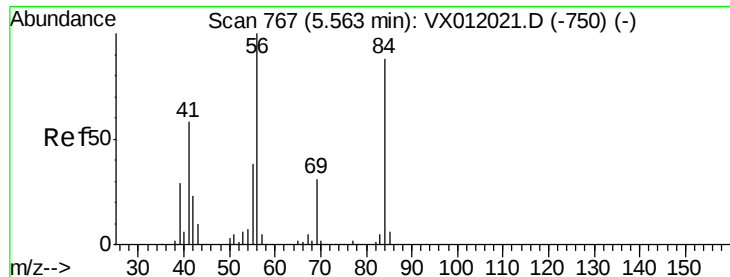
Tgt Ion: 42 Resp: 32196
Ion Ratio Lower Upper
42 100
72 44.9 37.0 55.4
71 41.2 33.8 50.8



#30
Chloroform
Concen: 19.700 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 83 Resp: 52813
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8

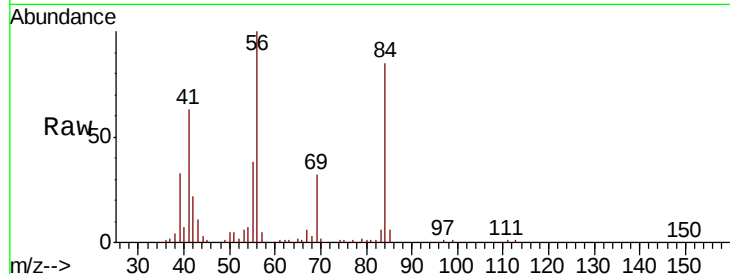




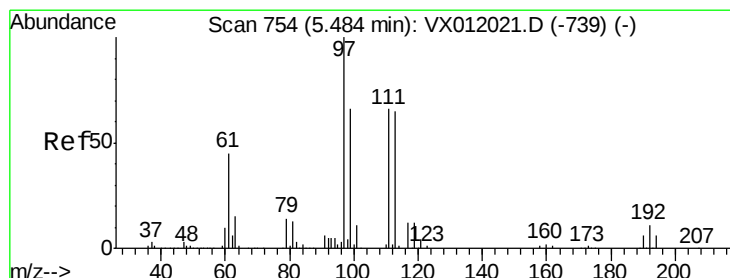
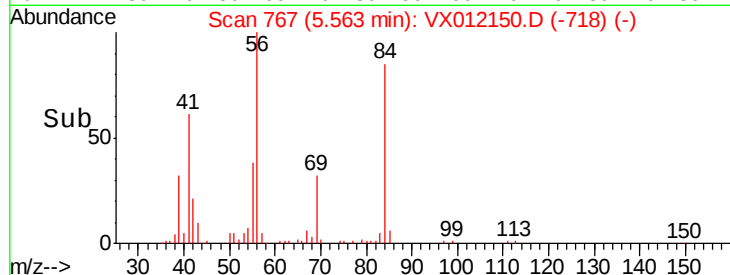
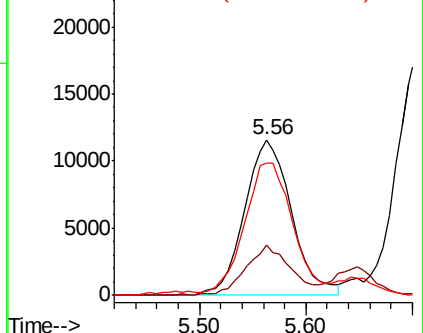
#31
Cyclohexane
Concen: 17.849 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Instrument :
MSVOA_X
ClientSampleId :
VX0906SBSD01

Tgt Ion: 56 Resp: 35814
Ion Ratio Lower Upper
56 100
69 31.0 25.7 38.5
84 82.1 70.3 105.5

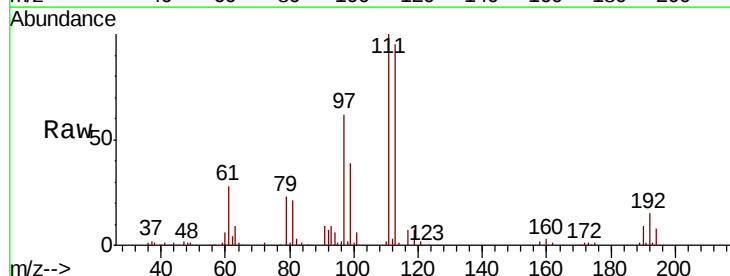


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

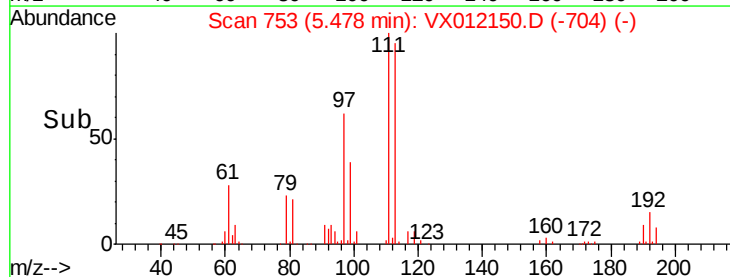
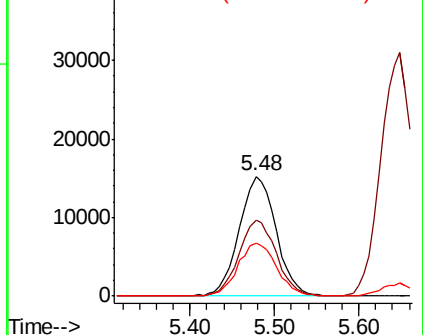


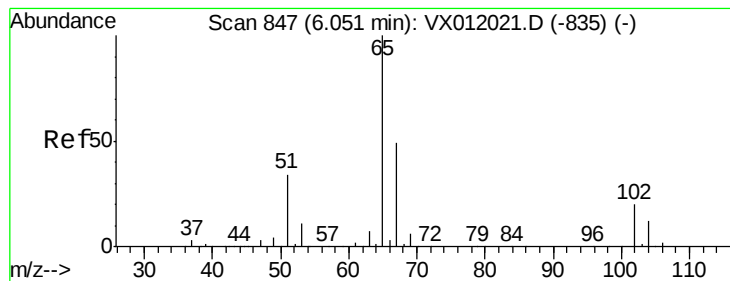
#32
1,1,1-Trichloroethane
Concen: 19.440 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 97 Resp: 45390
Ion Ratio Lower Upper
97 100
99 64.2 52.1 78.1
61 46.2 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 56.266 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

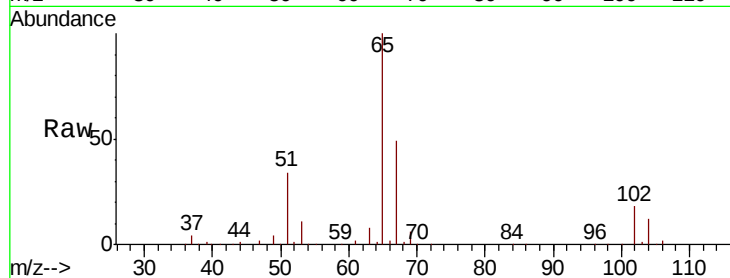
VX0906SBSD01

Tgt Ion: 65 Resp: 92089

Ion Ratio Lower Upper

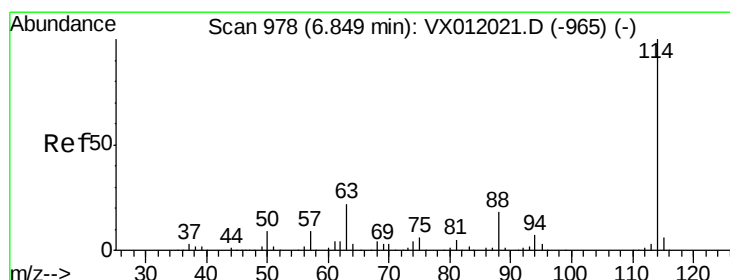
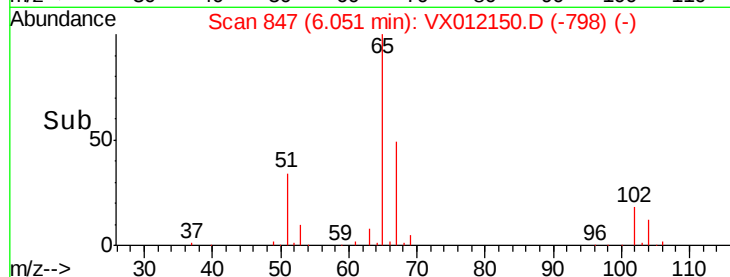
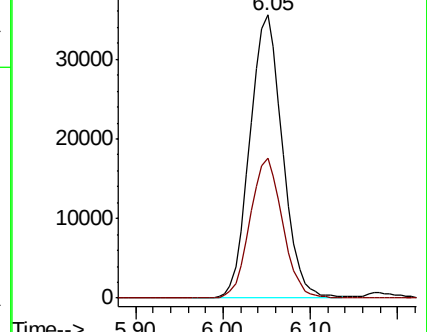
65 100

67 49.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

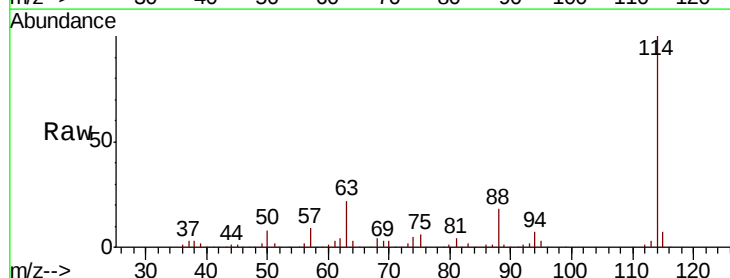
Tgt Ion: 114 Resp: 219153

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

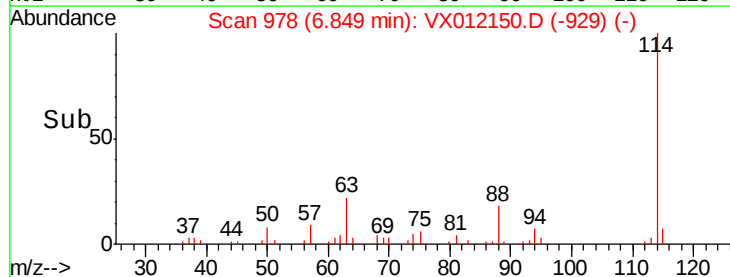
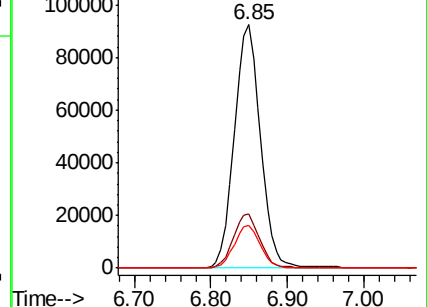
88 17.7 0.0 29.6

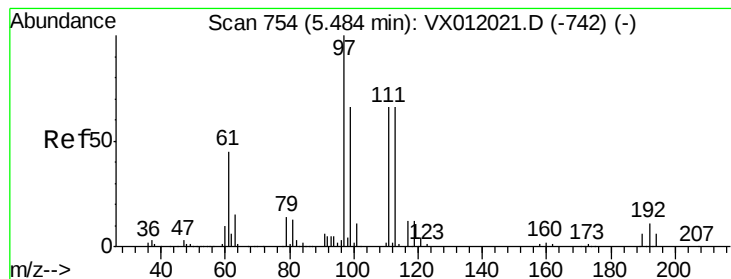


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.421 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBSD01

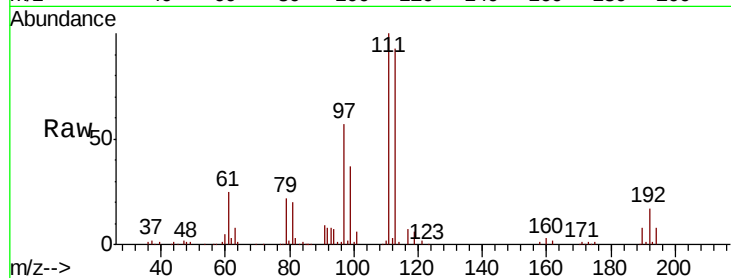
Tgt Ion:113 Resp: 70649

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

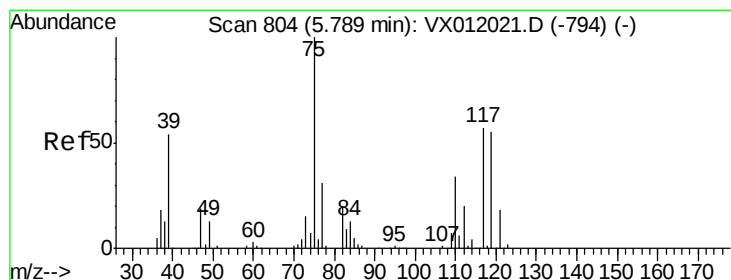
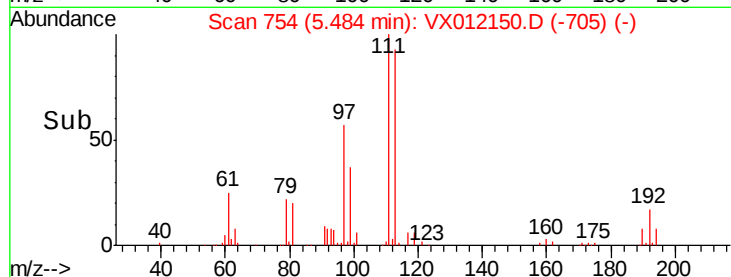
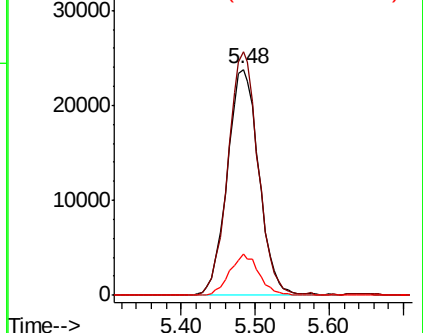
192 16.9 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.248 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

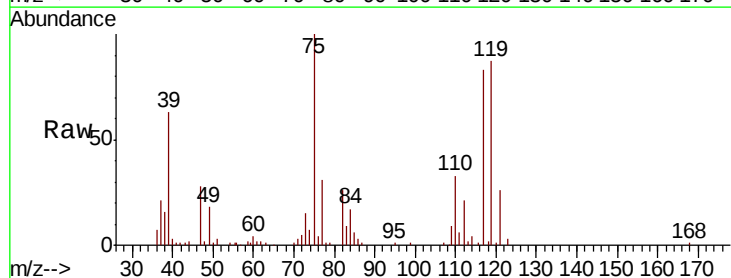
Tgt Ion: 75 Resp: 35222

Ion Ratio Lower Upper

75 100

110 33.6 19.5 58.5

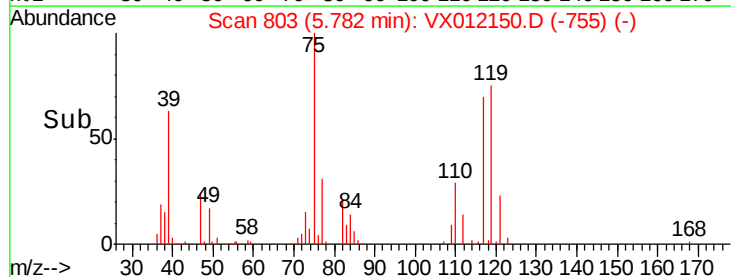
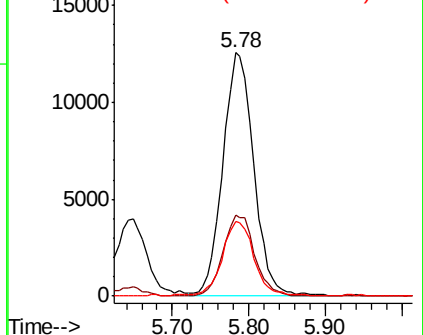
77 31.3 24.6 37.0

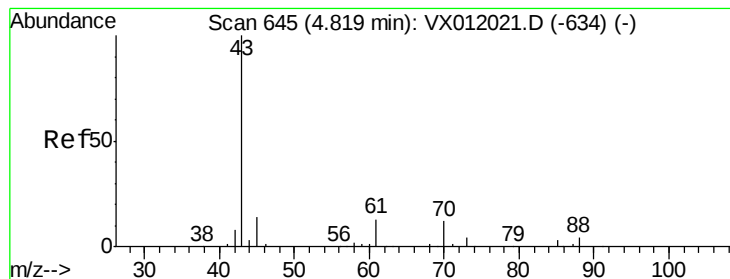


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.457 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBSD01

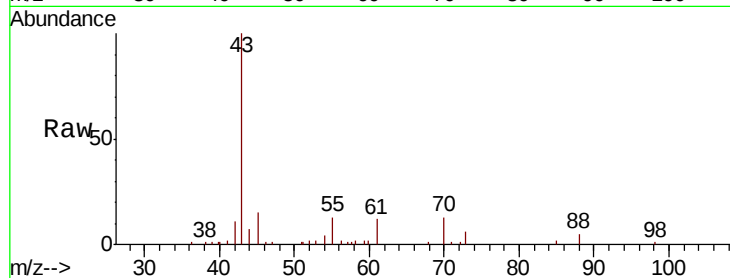
Tgt Ion: 43 Resp: 21472

Ion Ratio Lower Upper

43 100

61 14.6 10.9 16.3

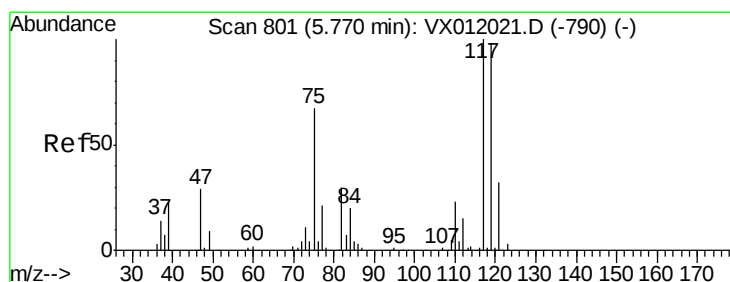
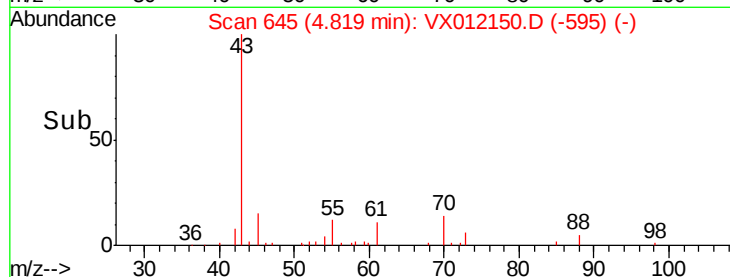
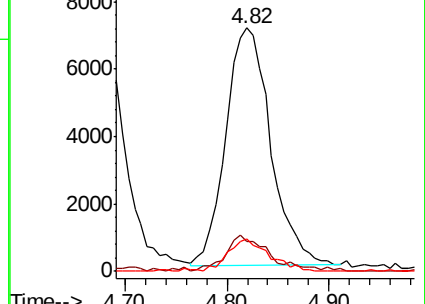
70 12.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.596 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

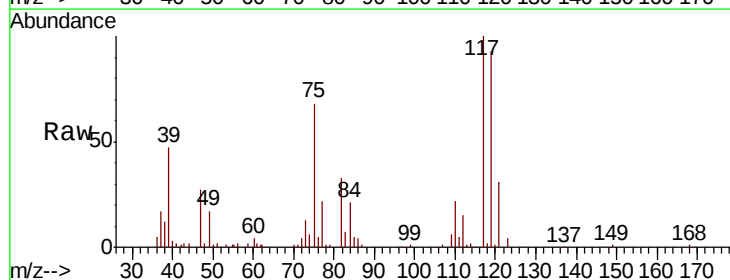
Tgt Ion: 117 Resp: 37822

Ion Ratio Lower Upper

117 100

119 92.6 78.3 117.5

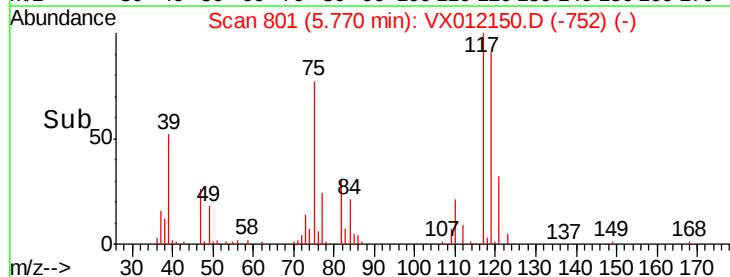
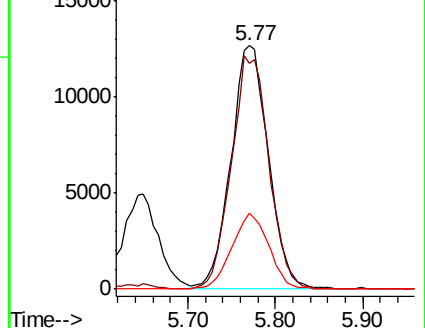
121 31.1 24.2 36.2

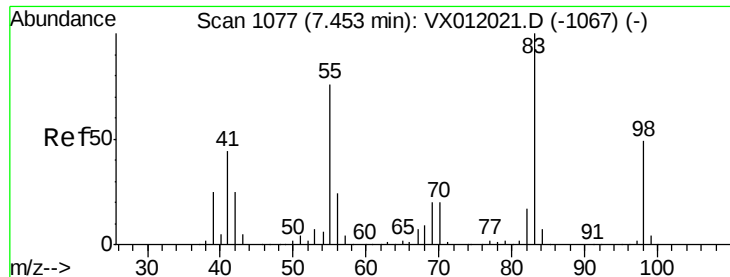


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

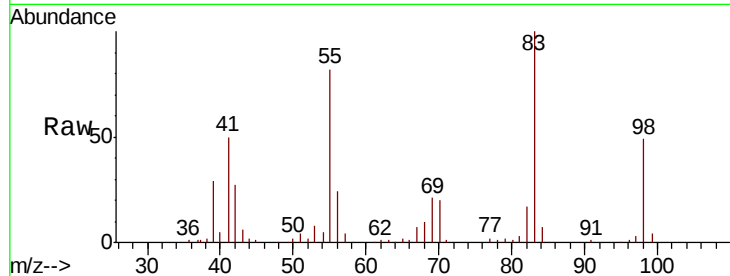




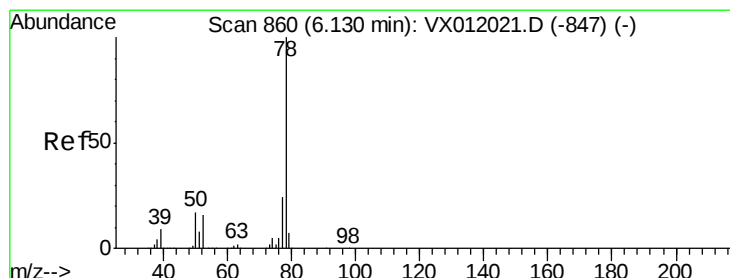
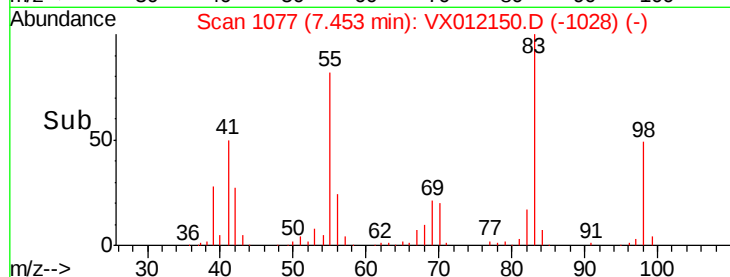
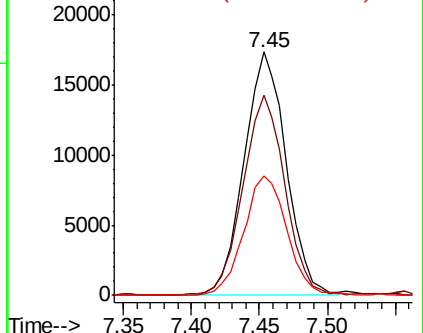
#39
Methylcyclohexane
Concen: 16.777 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Instrument :
MSVOA_X
ClientSampleId :
VX0906SBSD01

Tgt Ion: 83 Resp: 37584
Ion Ratio Lower Upper
83 100
55 81.4 59.6 89.4
98 49.0 41.4 62.0

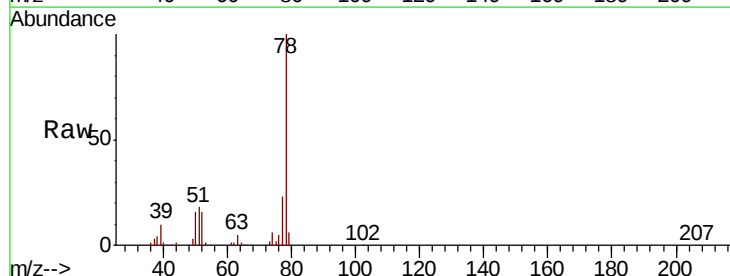


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

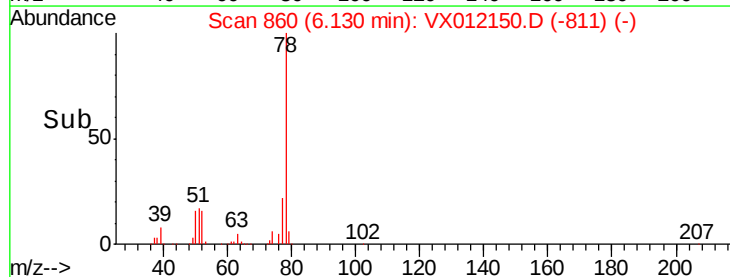
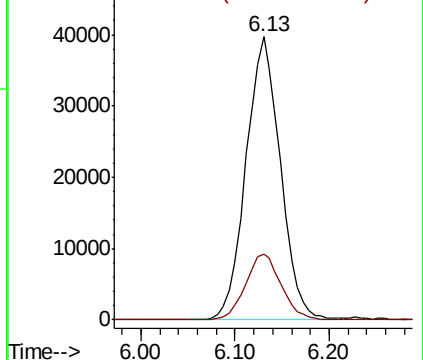


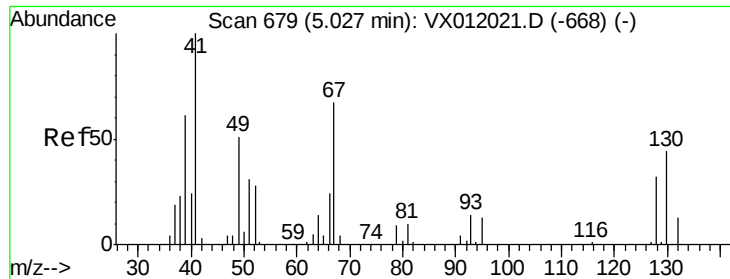
#40
Benzene
Concen: 18.379 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 78 Resp: 101841
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

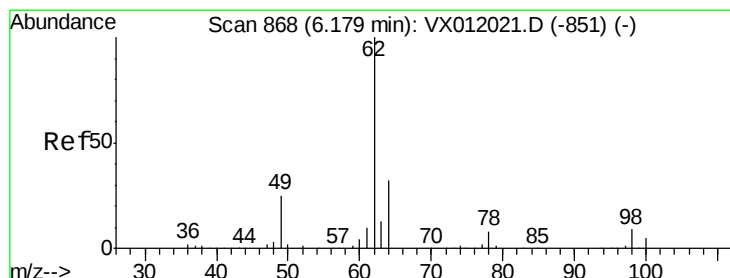
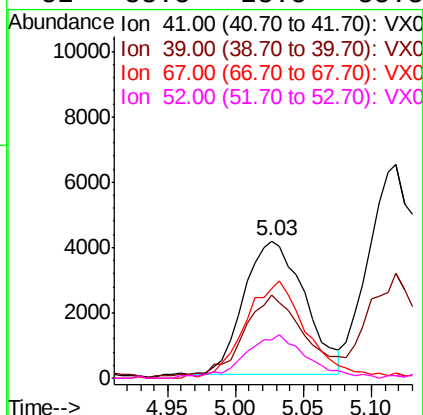
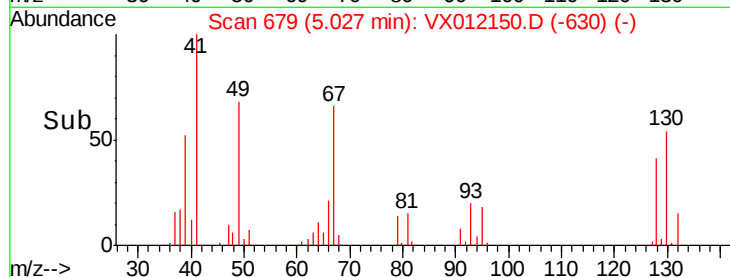
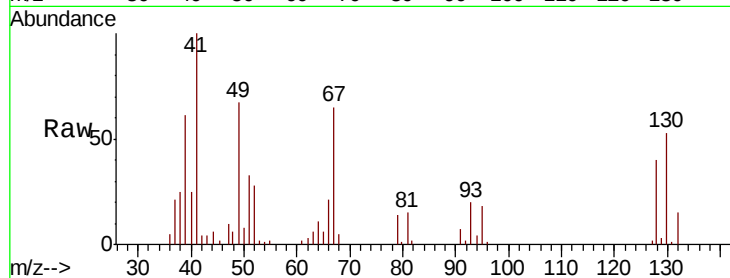




#41
Methacrylonitrile
Concen: 20.281 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

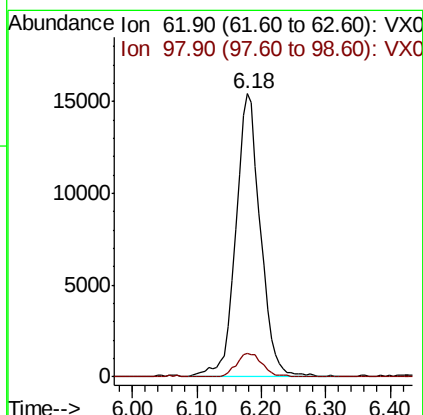
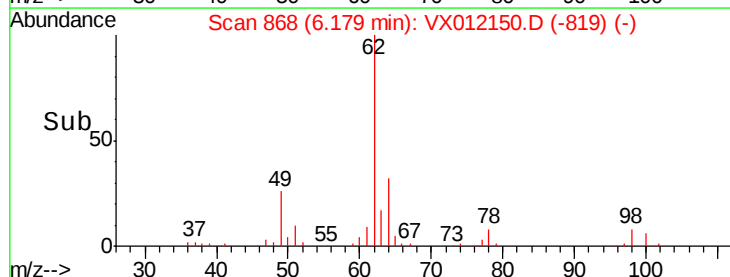
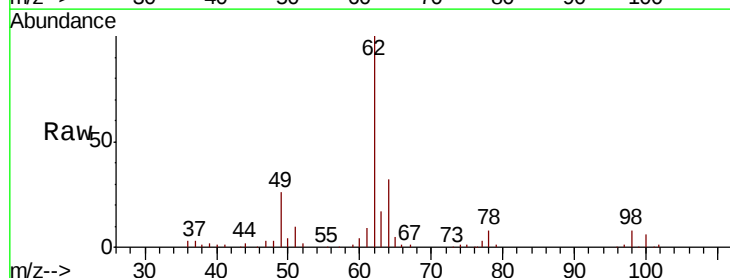
Instrument :
MSVOA_X
ClientSampleID :
VX0906SBSD01

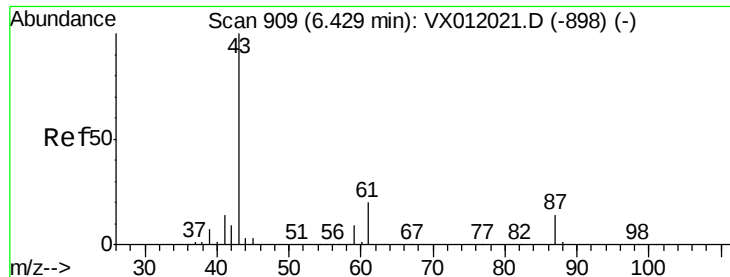
Tgt Ion:	41	Resp:	12695
Ion	Ratio	Lower	Upper
41	100		
39	62.3	46.7	70.1
67	74.5	57.0	85.6
52	33.5	23.5	35.3



#42
1,2-Dichloroethane
Concen: 20.544 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion:	62	Resp:	40966
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.2





#43

Isopropyl Acetate

Concen: 20.499 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBSD01

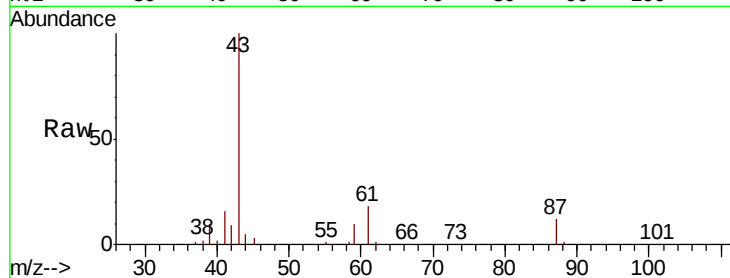
Tgt Ion: 43 Resp: 43750

Ion Ratio Lower Upper

43 100

61 19.7 16.1 24.1

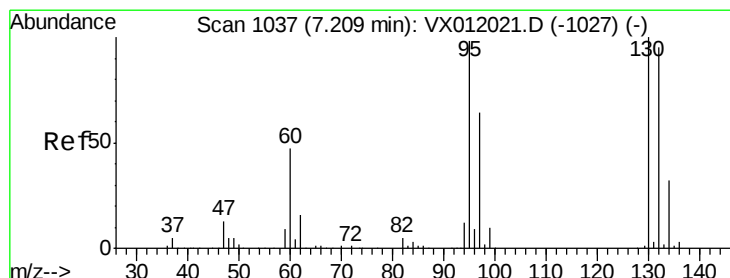
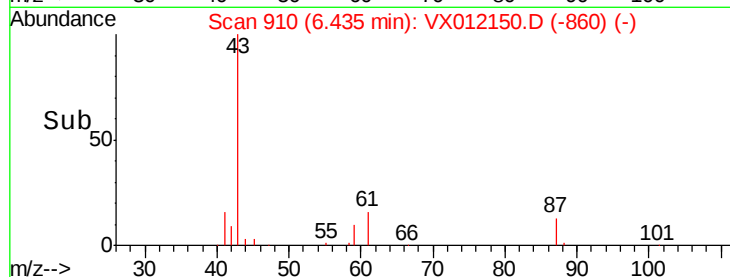
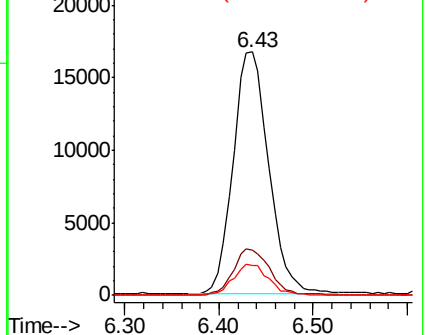
87 13.0 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.285 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012150.D

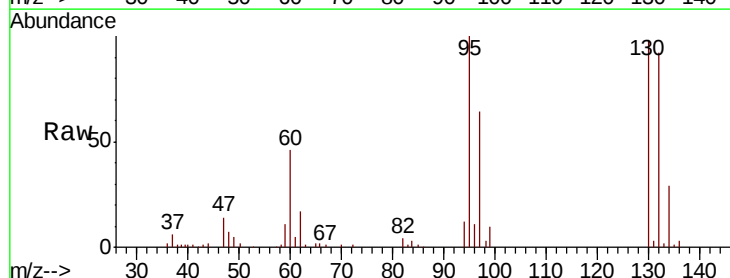
Acq: 06 Sep 2019 16:09

Tgt Ion: 130 Resp: 27328

Ion Ratio Lower Upper

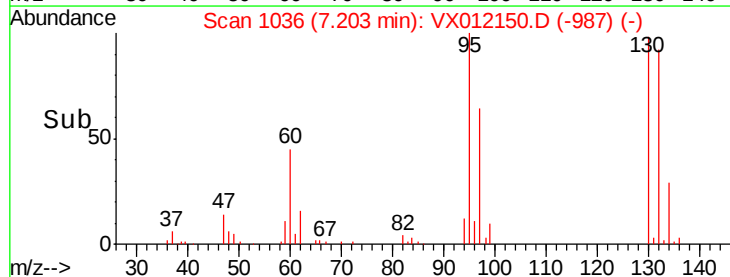
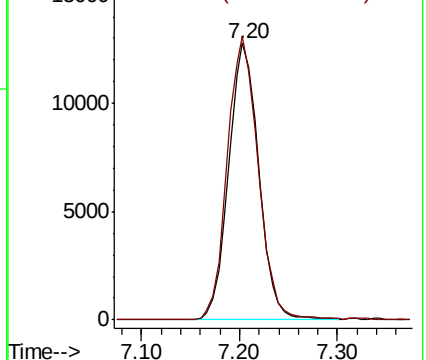
130 100

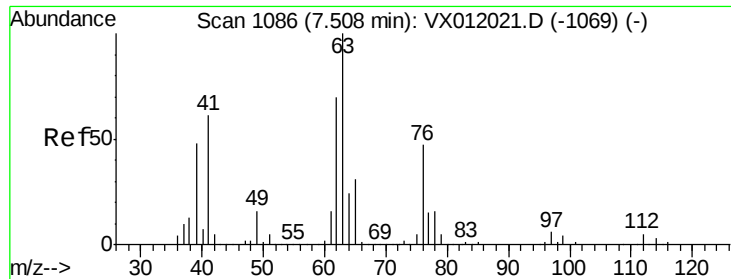
95 102.4 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.565 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

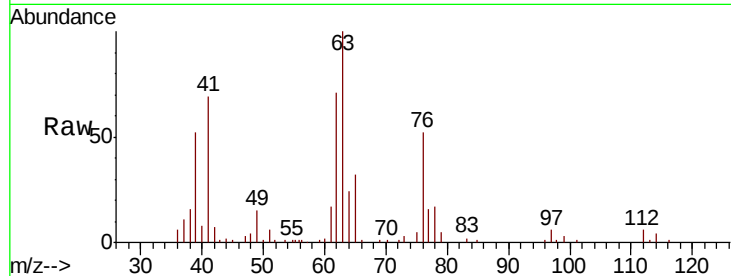
VX0906SBSD01

Tgt Ion: 63 Resp: 28010

Ion Ratio Lower Upper

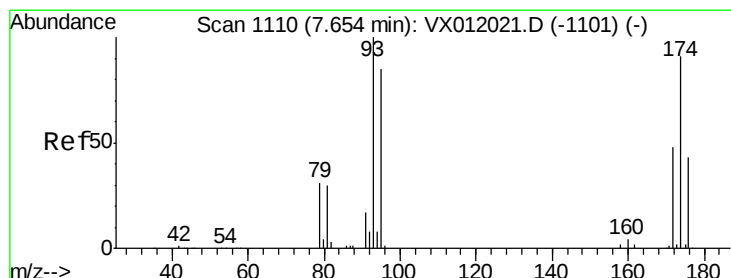
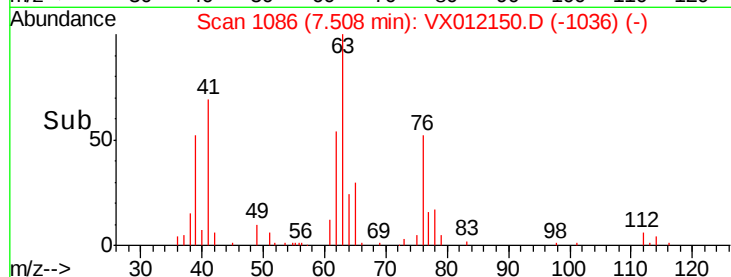
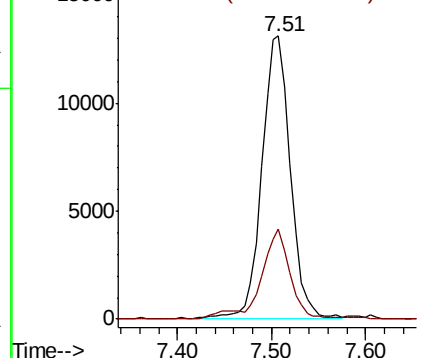
63 100

65 32.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.613 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

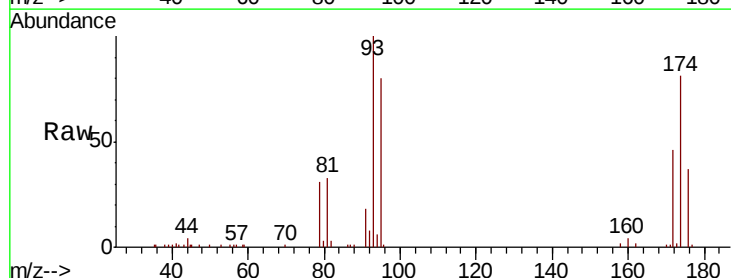
Tgt Ion: 93 Resp: 16391

Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.2

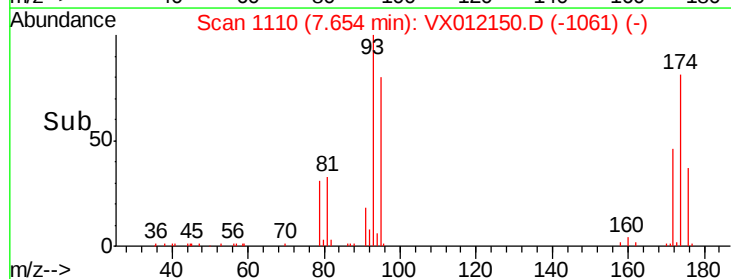
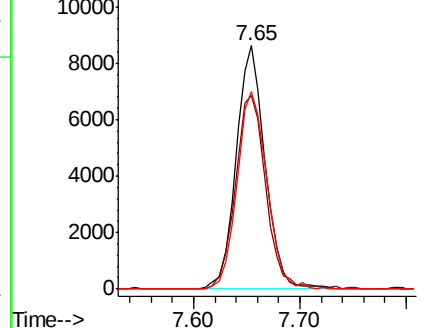
174 84.1 110.2 165.4#

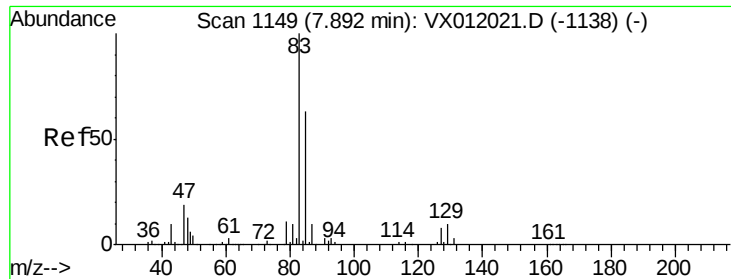


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

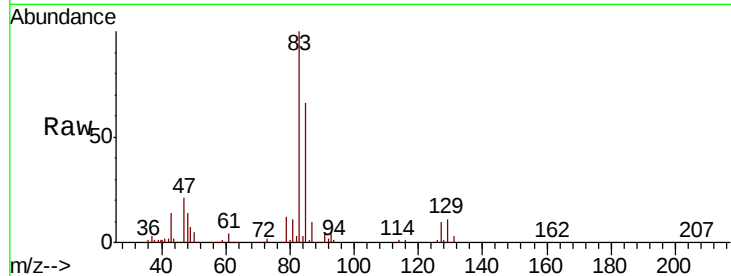




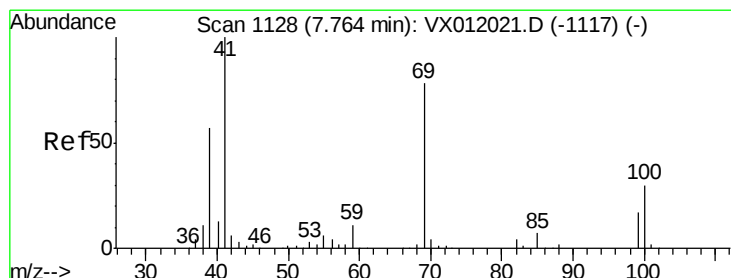
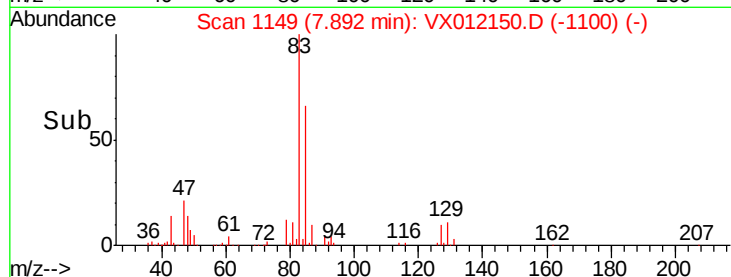
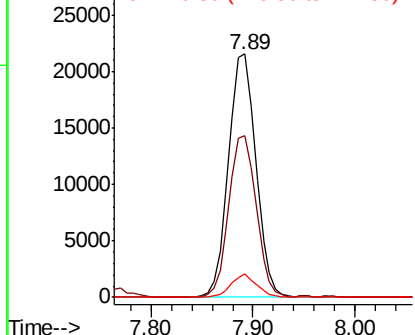
#47
 Bromodichloromethane
 Concen: 18.945 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBSD01

Tgt Ion: 83 Resp: 40245
 Ion Ratio Lower Upper
 83 100
 85 66.2 50.3 75.5
 127 9.8 8.1 12.1

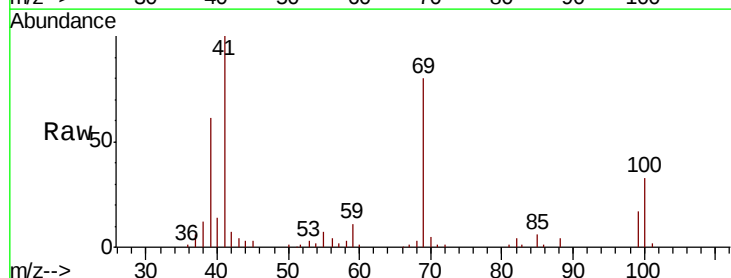


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

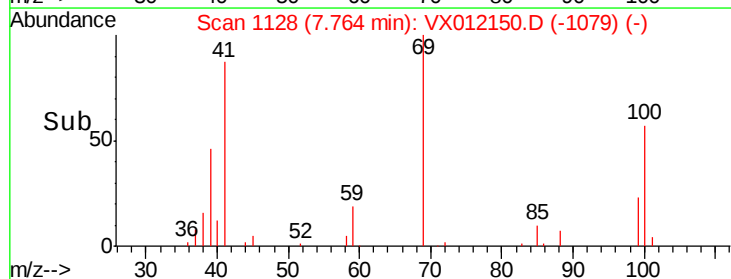
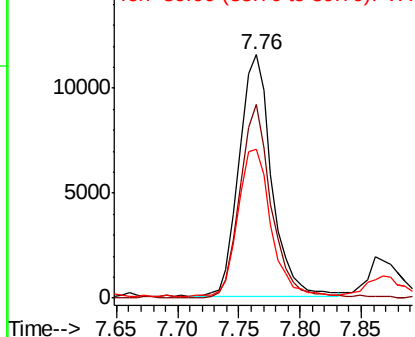


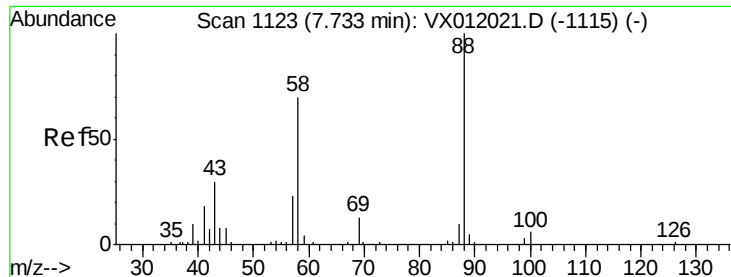
#48
 Methyl methacrylate
 Concen: 19.990 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Tgt Ion: 41 Resp: 21451
 Ion Ratio Lower Upper
 41 100
 69 77.7 66.3 99.5
 39 61.2 48.1 72.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 69.00 (68.70 to 69.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

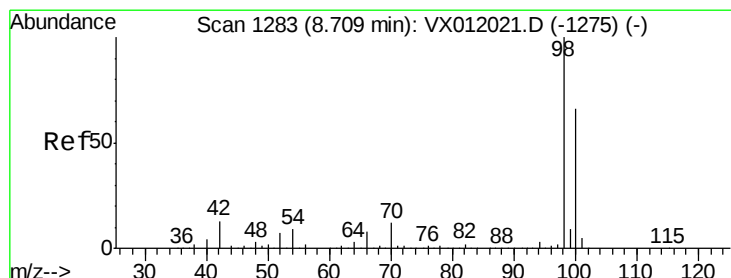
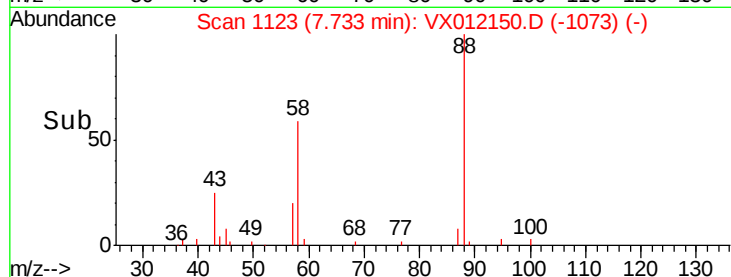
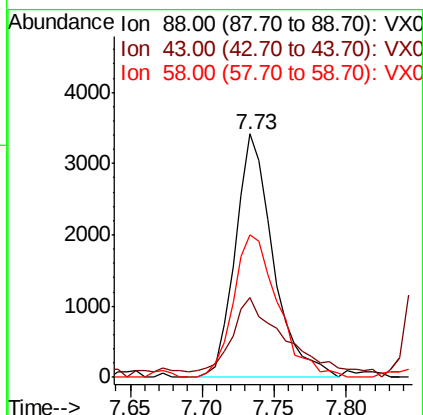
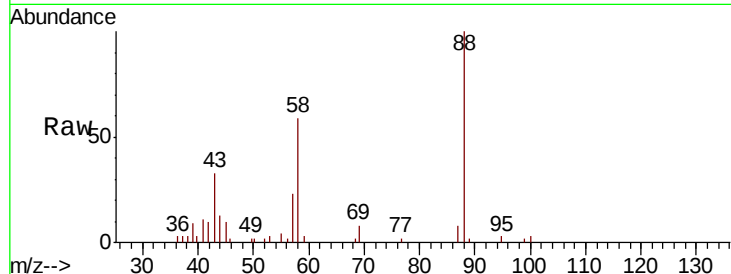




#49
1,4-Dioxane
Concen: 425.670 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

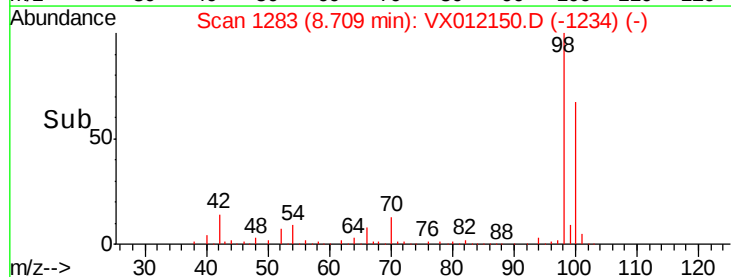
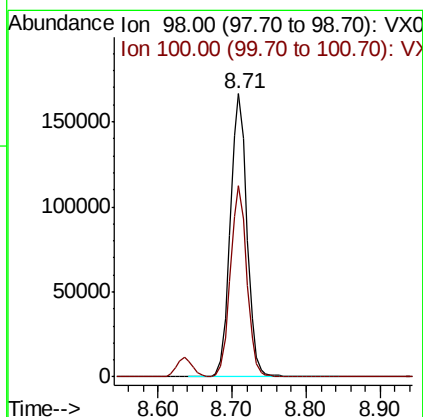
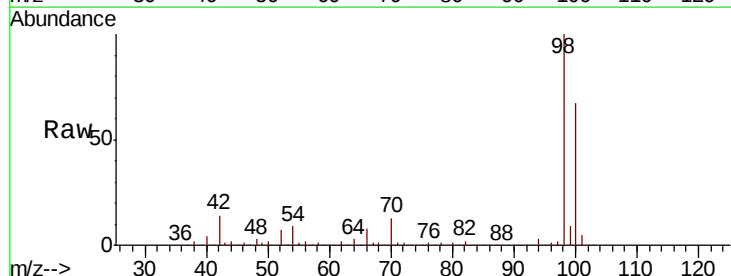
Instrument :
MSVOA_X
ClientSampleId :
VX0906SBSD01

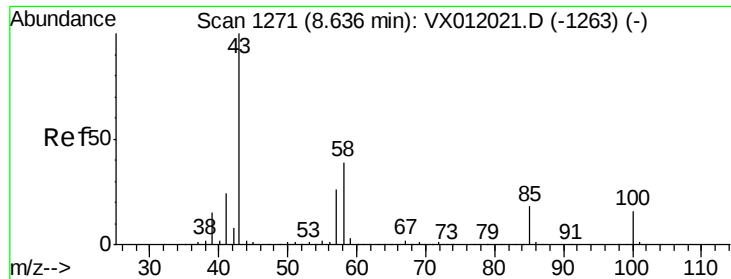
Tgt Ion: 88 Resp: 6227
Ion Ratio Lower Upper
88 100
43 49.1 29.8 44.6#
58 69.3 55.4 83.2



#50
Toluene-d8
Concen: 52.893 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 98 Resp: 261585
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 104.617 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

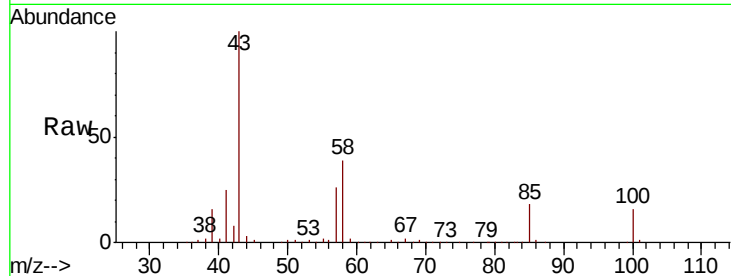
VX0906SBSD01

Tgt Ion: 43 Resp: 113567

Ion Ratio Lower Upper

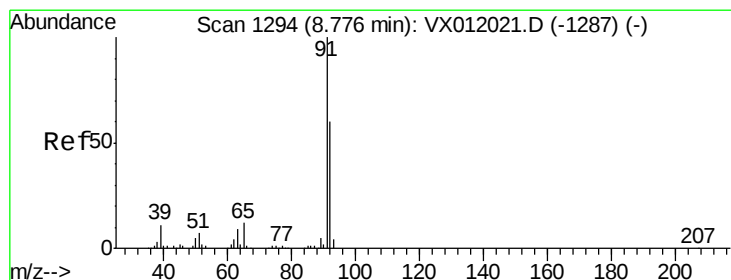
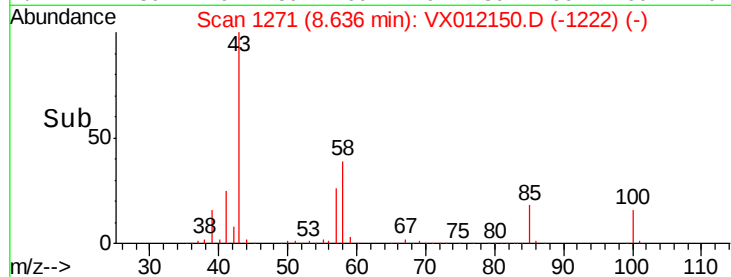
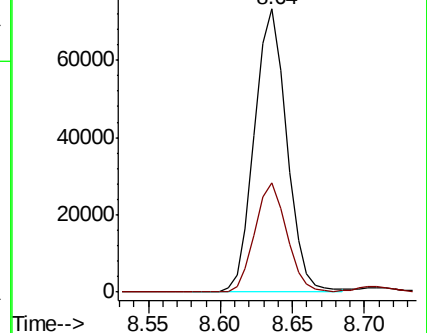
43 100

58 38.2 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.681 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012150.D

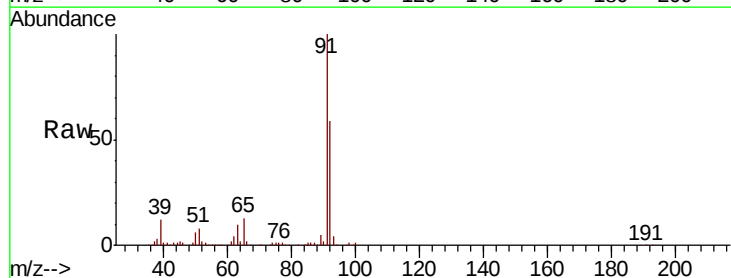
Acq: 06 Sep 2019 16:09

Tgt Ion: 92 Resp: 67352

Ion Ratio Lower Upper

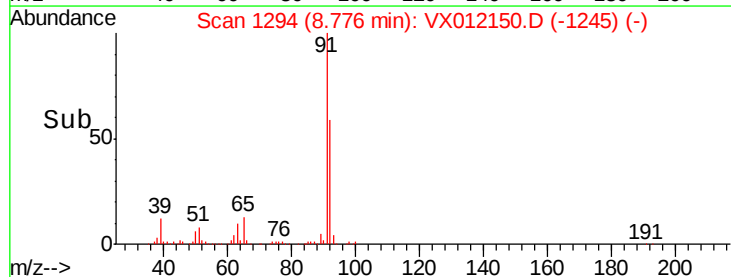
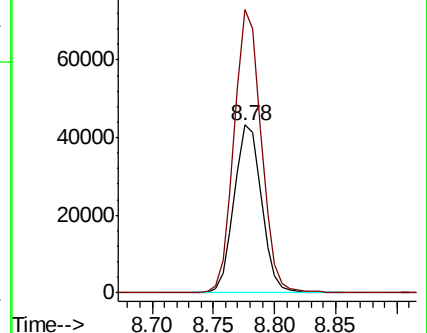
92 100

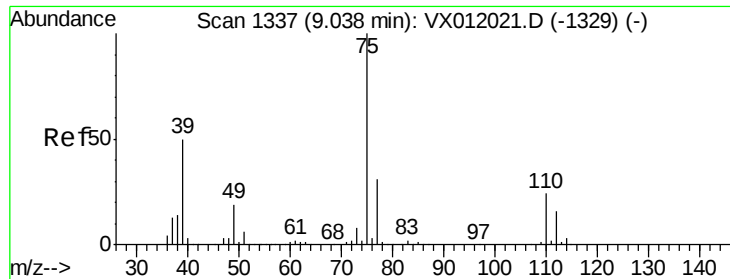
91 166.2 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

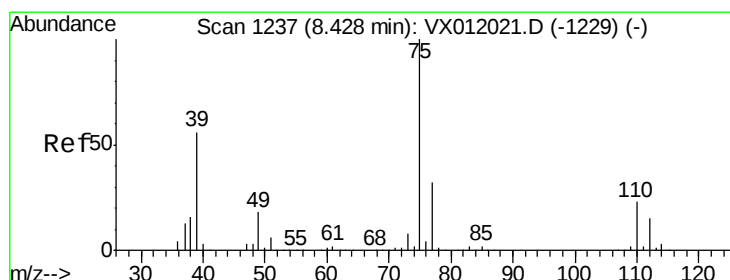
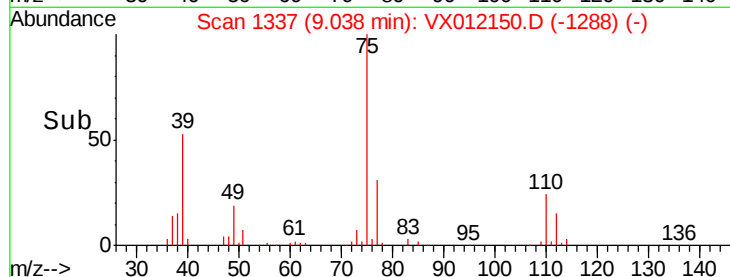
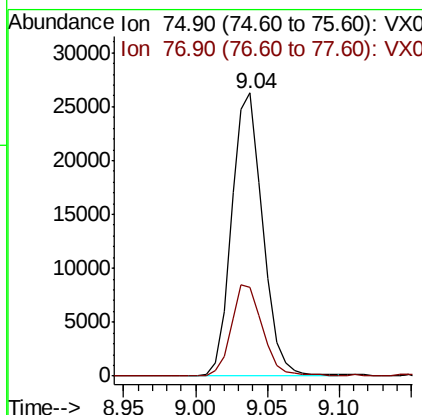
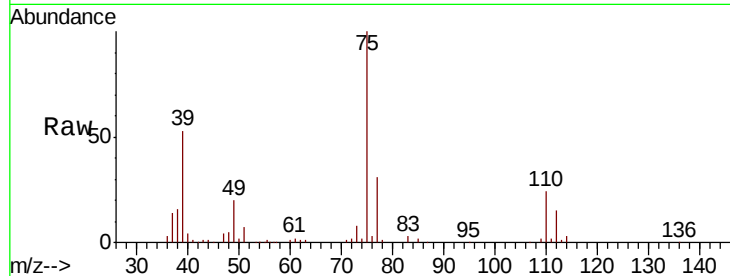




#53
t-1,3-Dichloropropene
Concen: 17.987 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

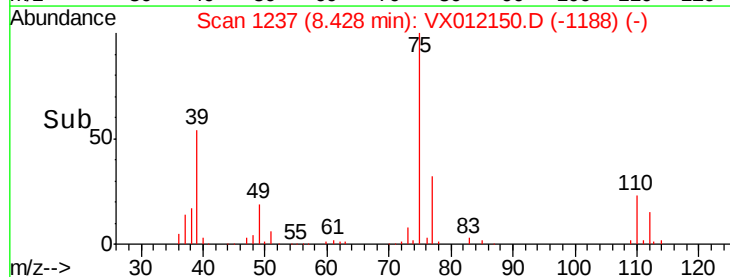
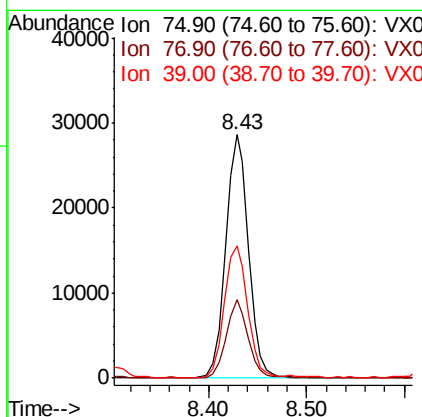
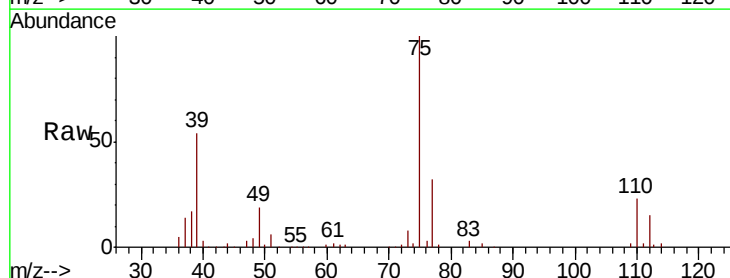
Instrument :
MSVOA_X
ClientSampleId :
VX0906SBS01

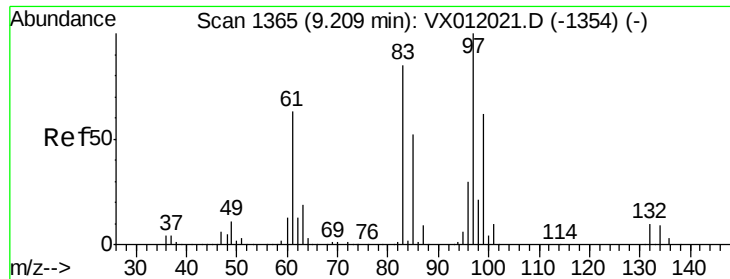
Tgt Ion: 75 Resp: 39559
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.846 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 75 Resp: 46091
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 53.9 43.0 64.4

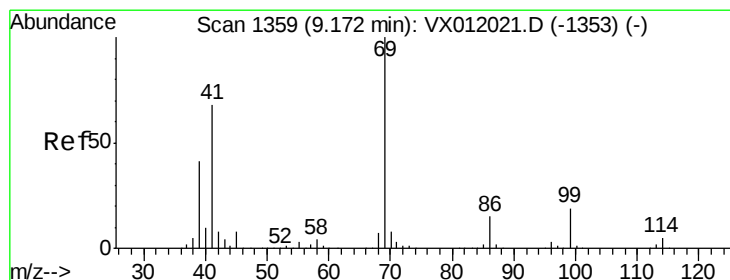
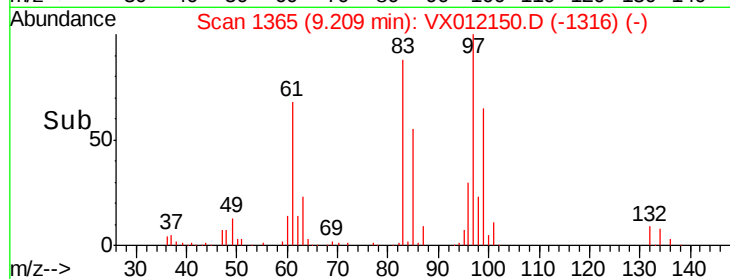
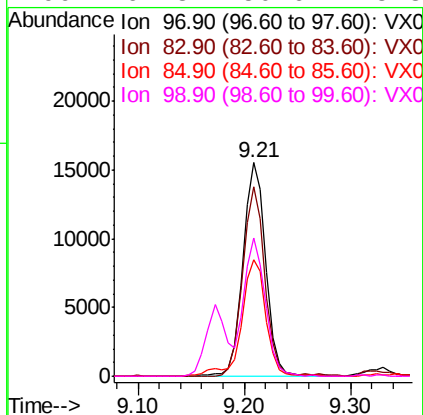
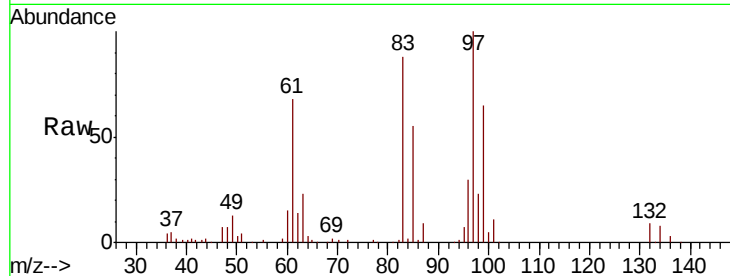




#55
 1,1,2-Trichloroethane
 Concen: 19.486 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

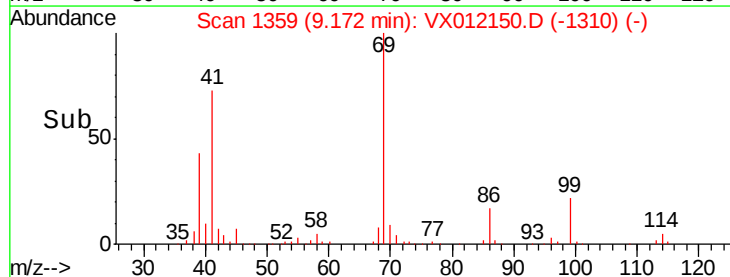
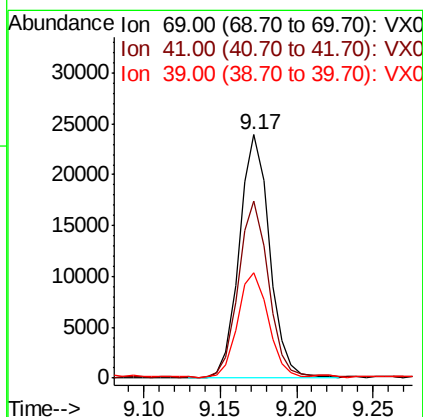
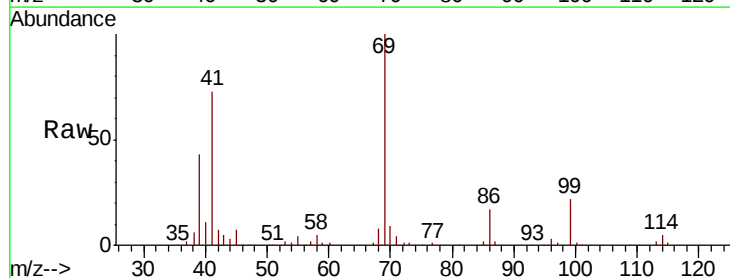
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBSD01

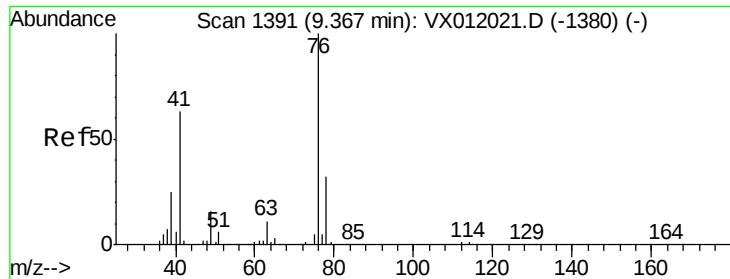
Tgt Ion:	97	Resp:	23282
Ion	Ratio	Lower	Upper
97	100		
83	88.5	66.0	99.0
85	54.6	41.0	61.6
99	64.8	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 19.221 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Tgt Ion:	69	Resp:	32895
Ion	Ratio	Lower	Upper
69	100		
41	72.6	53.9	80.9
39	43.0	31.1	46.7

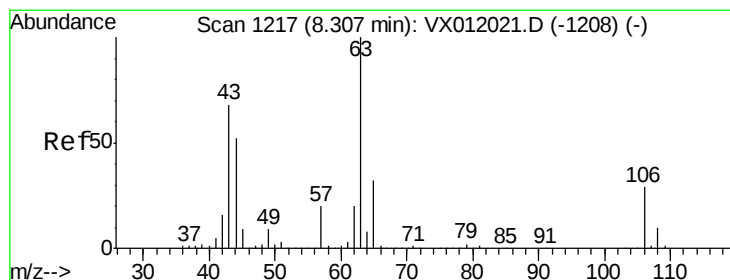
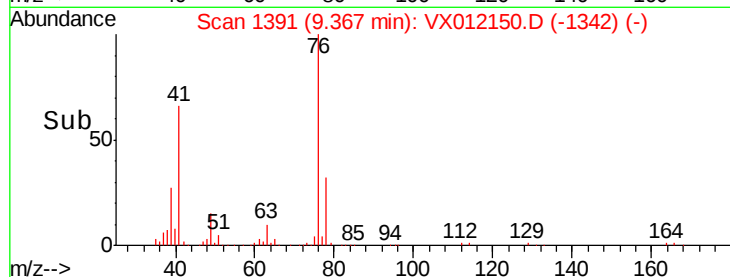
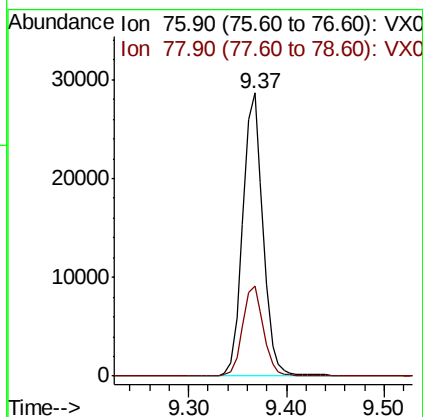
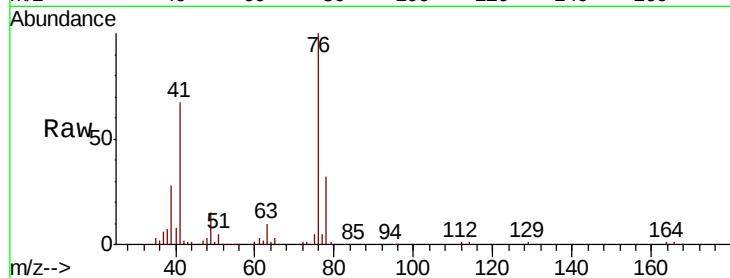




#57
 1,3-Dichloropropane
 Concen: 19.962 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

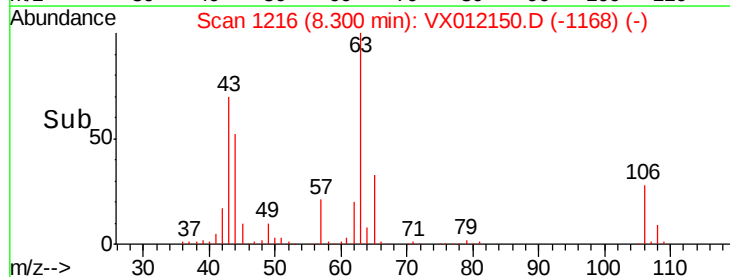
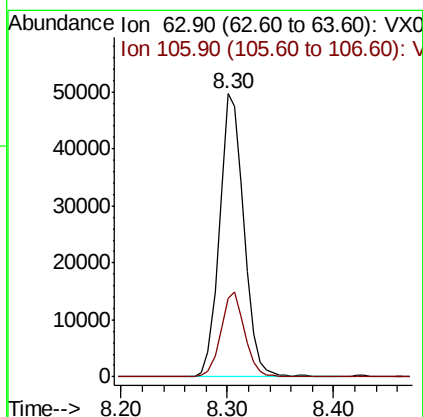
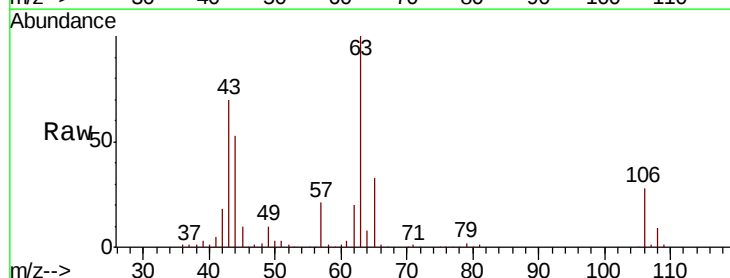
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBS01

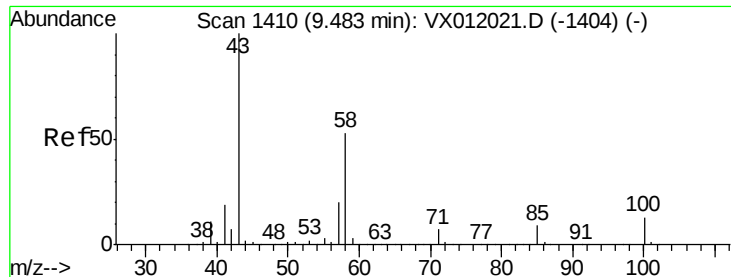
Tgt Ion: 76 Resp: 41158
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.104 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Tgt Ion: 63 Resp: 78782
 Ion Ratio Lower Upper
 63 100
 106 29.7 26.5 39.7

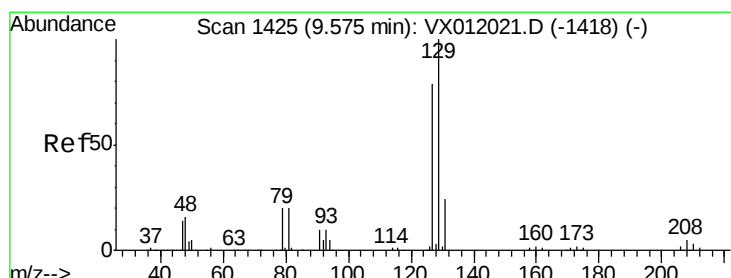
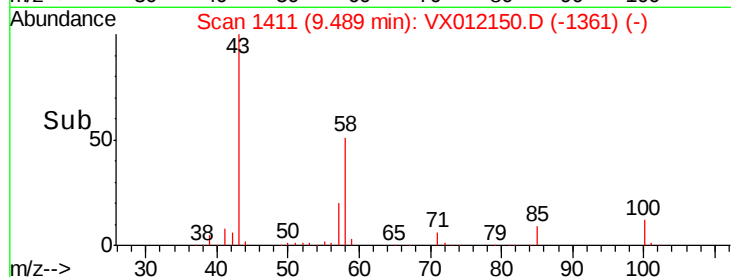
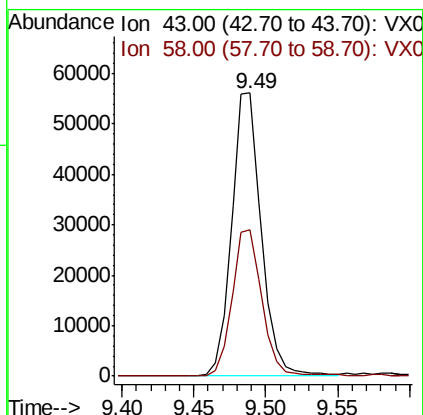
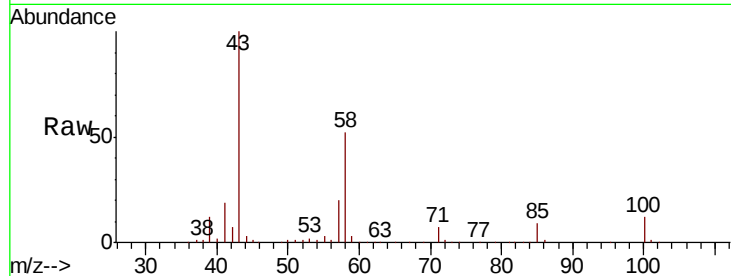




#59
2-Hexanone
Concen: 101.684 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

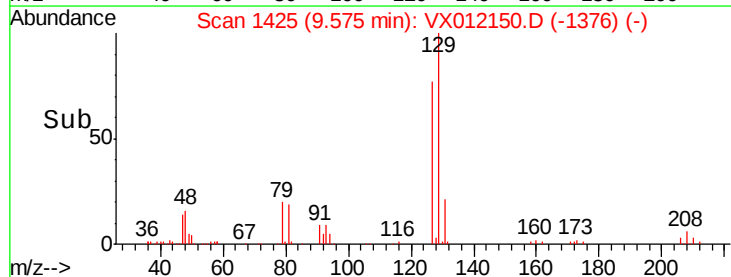
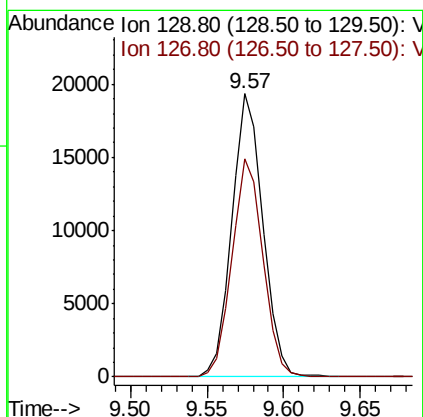
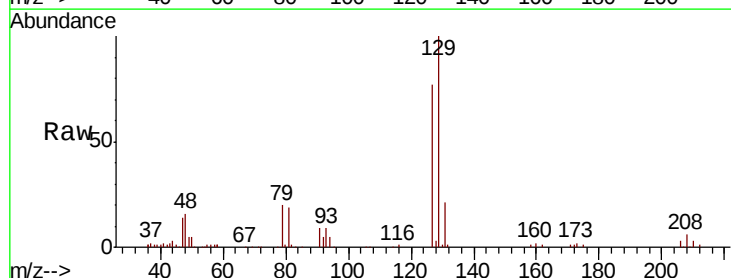
Instrument :
MSVOA_X
ClientSampleId :
VX0906SBS01

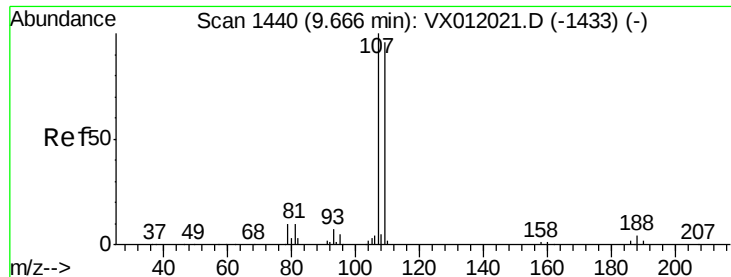
Tgt Ion: 43 Resp: 80544
Ion Ratio Lower Upper
43 100
58 51.9 27.2 81.6



#60
Dibromochloromethane
Concen: 19.104 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 129 Resp: 27204
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.5

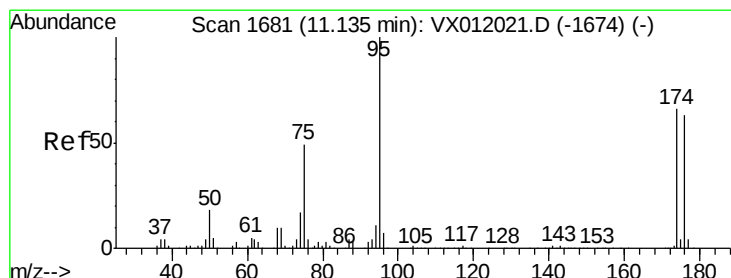
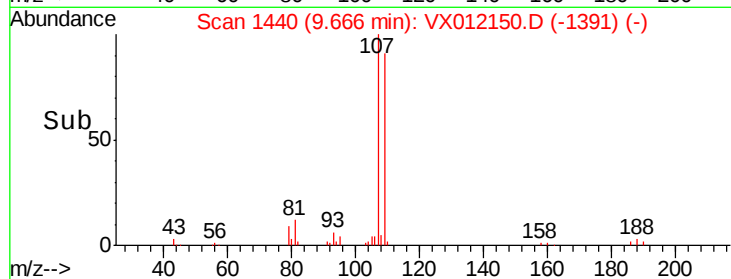
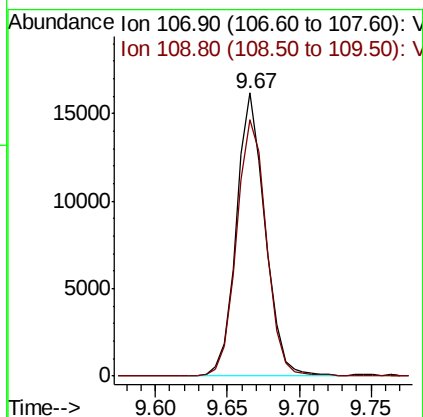
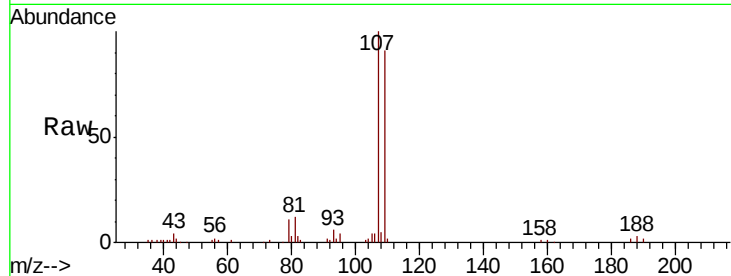




#61
 1,2-Dibromoethane
 Concen: 19.486 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

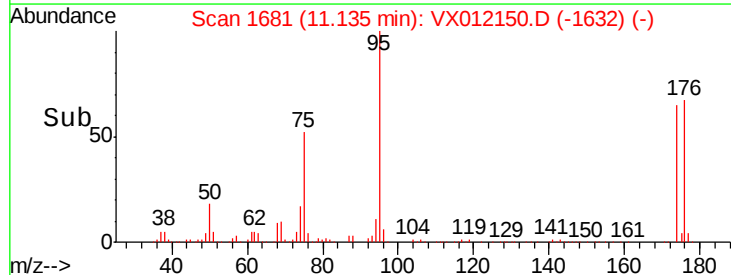
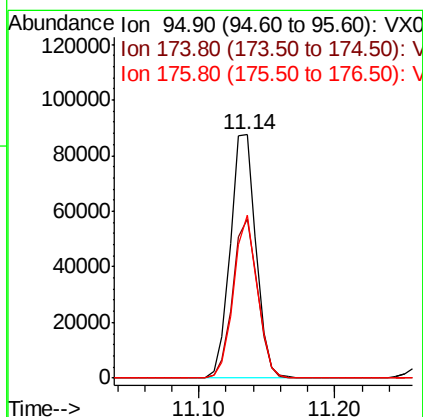
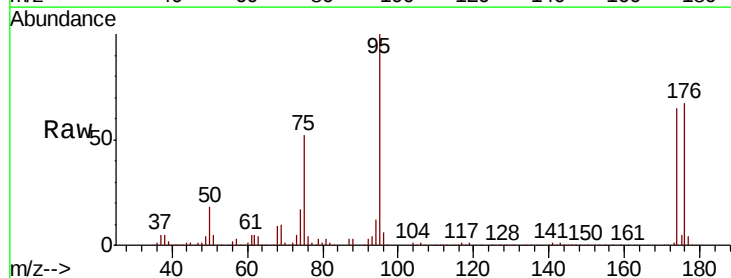
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBS01

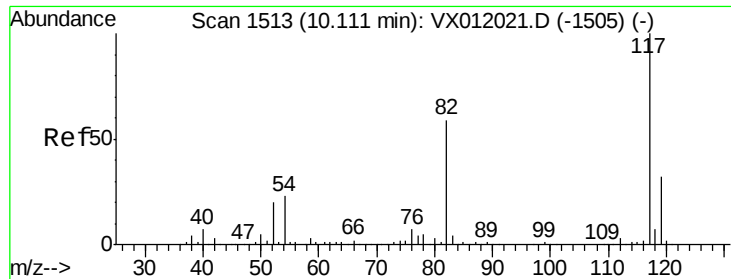
Tgt Ion: 107 Resp: 22498
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 50.020 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Tgt Ion: 95 Resp: 115044
 Ion Ratio Lower Upper
 95 100
 174 63.2 0.0 205.4
 176 61.8 0.0 201.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBSD01

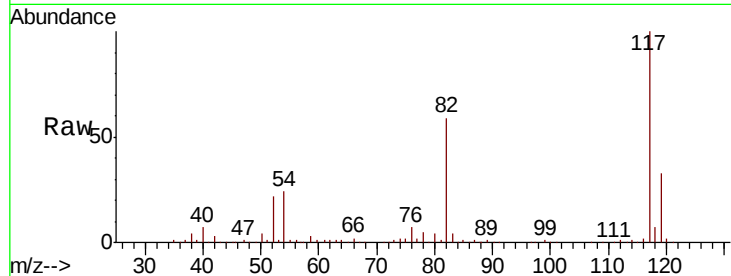
Tgt Ion:117 Resp: 203418

Ion Ratio Lower Upper

117 100

82 58.5 39.4 59.0

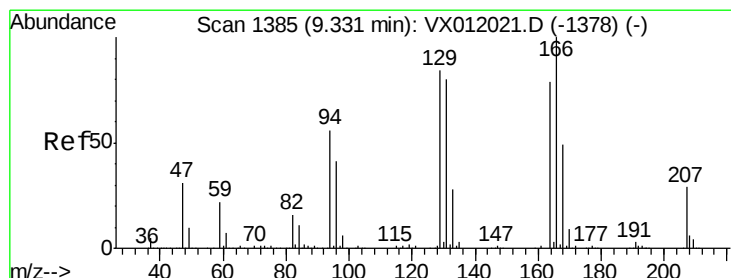
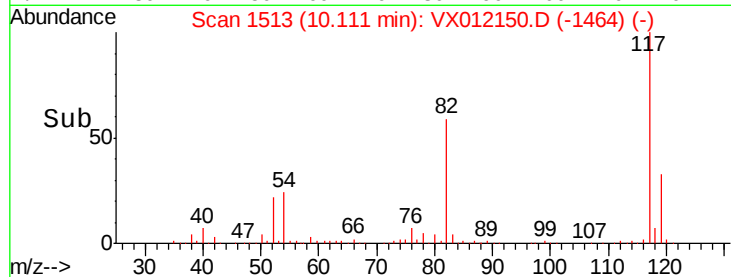
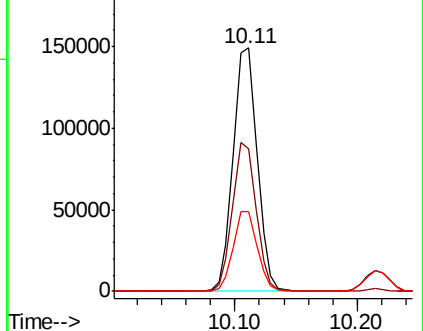
119 32.8 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.071 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Tgt Ion:164 Resp: 24186

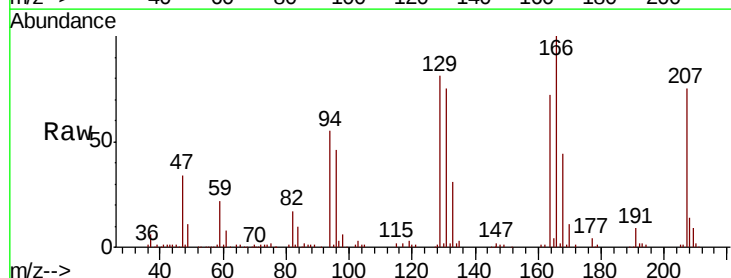
Ion Ratio Lower Upper

164 100

166 138.1 104.3 156.5

129 112.0 68.3 102.5#

131 103.6 65.4 98.0#

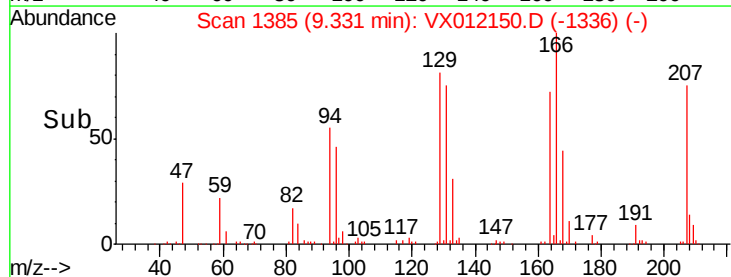
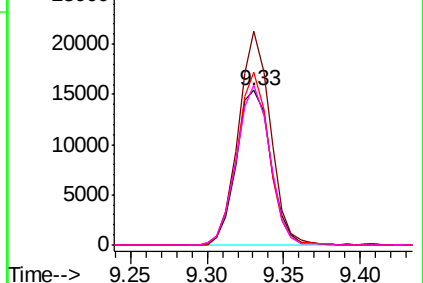


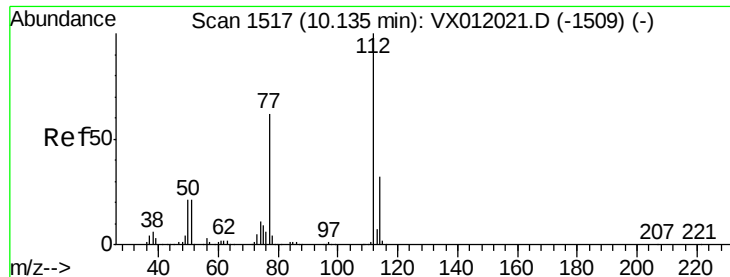
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.522 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

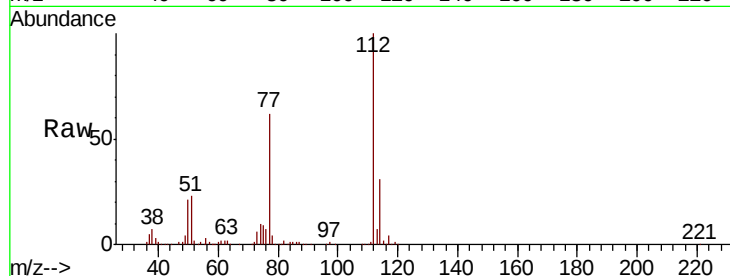
VX0906SBSD01

Tgt Ion:112 Resp: 74340

Ion Ratio Lower Upper

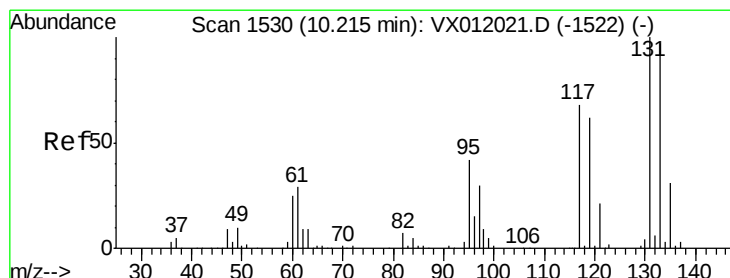
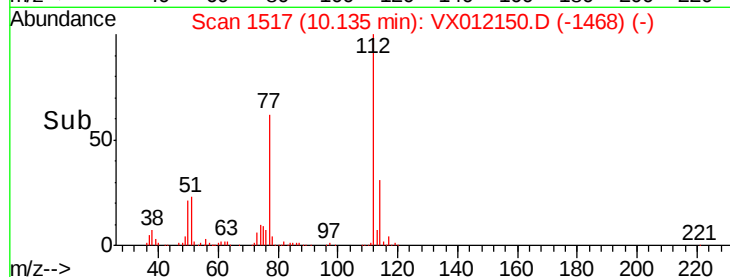
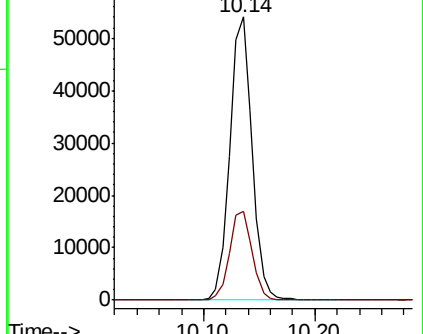
112 100

114 31.5 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.957 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

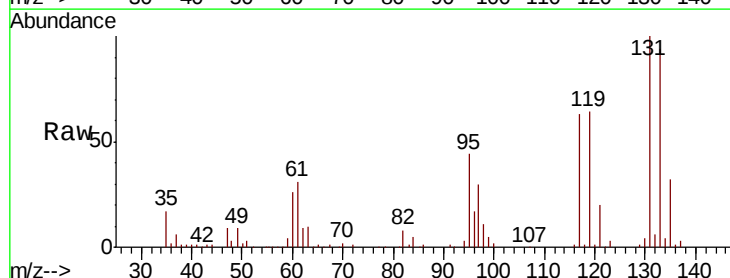
Tgt Ion:131 Resp: 27820

Ion Ratio Lower Upper

131 100

133 95.2 48.4 145.0

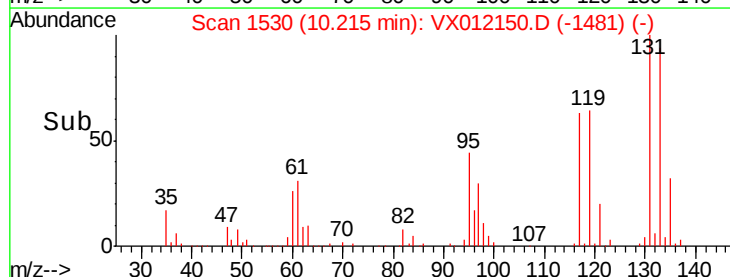
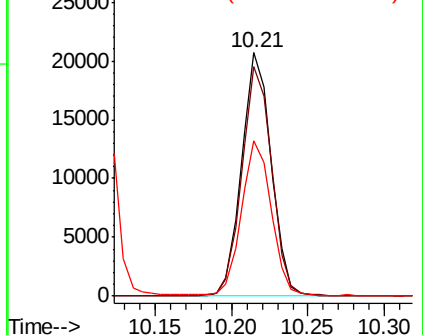
119 63.7 30.5 91.5

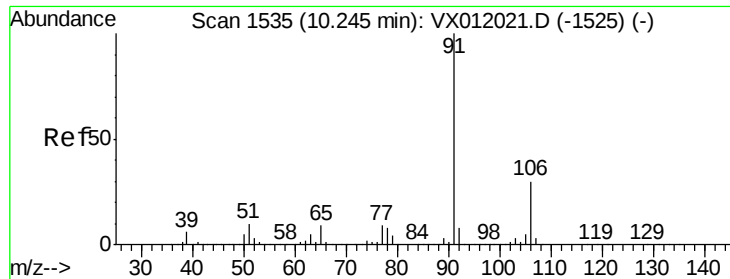


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

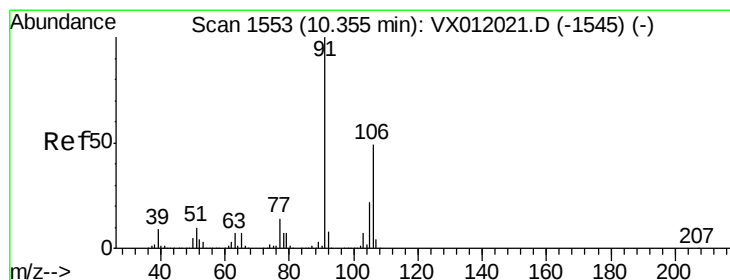
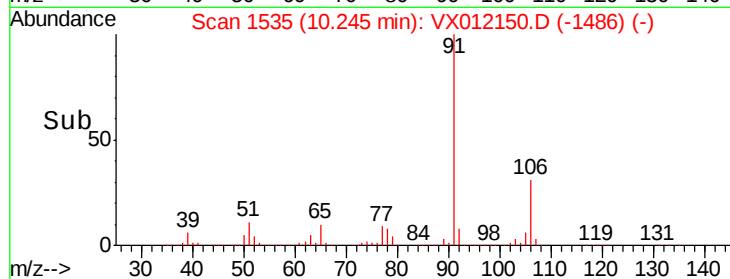
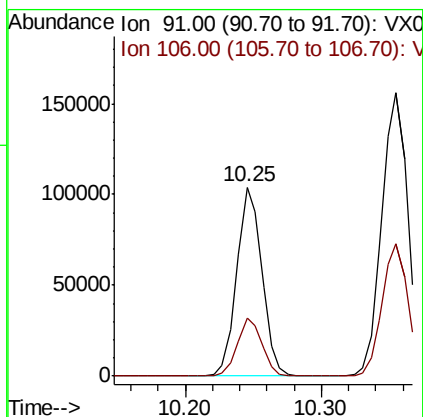
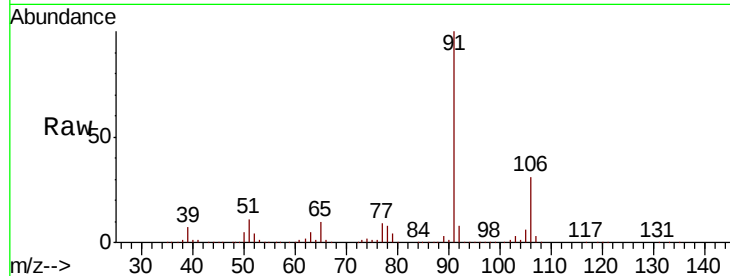




#67
Ethyl Benzene
Concen: 18.301 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

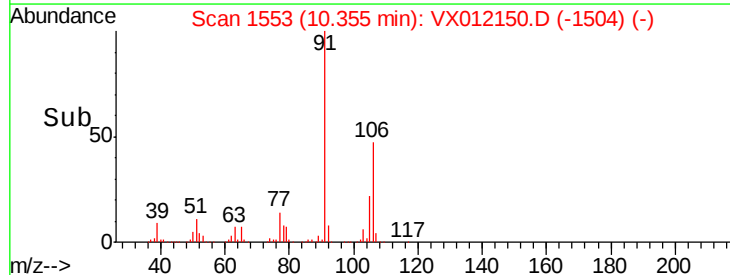
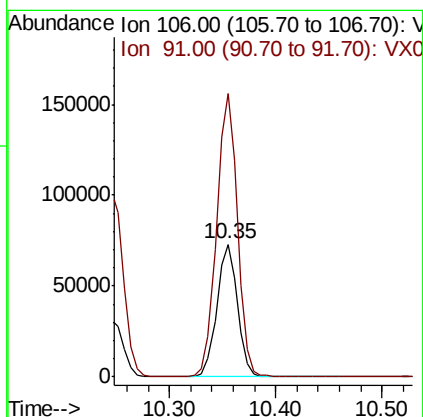
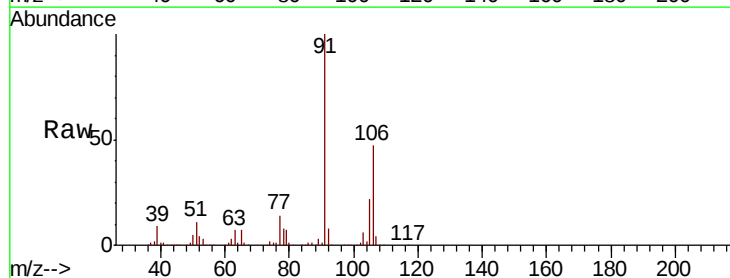
Instrument :
MSVOA_X
ClientSampleId :
VX0906SBSD01

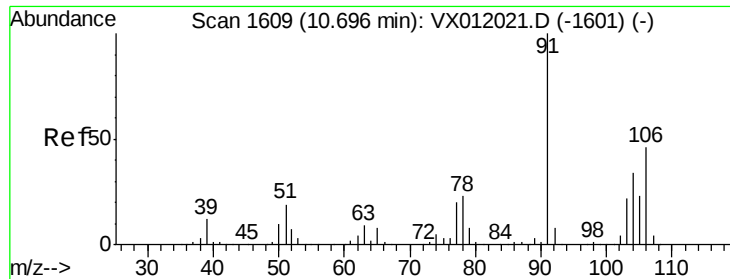
Tgt Ion: 91 Resp: 133888
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.8



#68
m/p-Xylenes
Concen: 36.220 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 106 Resp: 97631
Ion Ratio Lower Upper
106 100
91 215.8 157.5 236.3

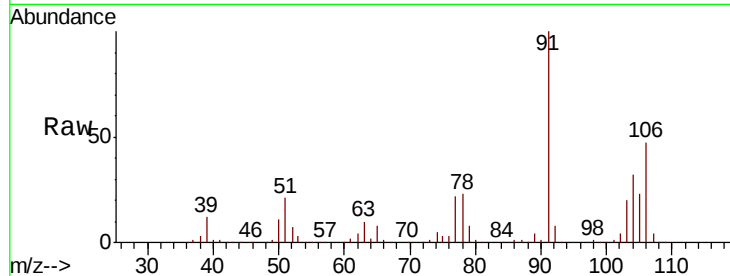




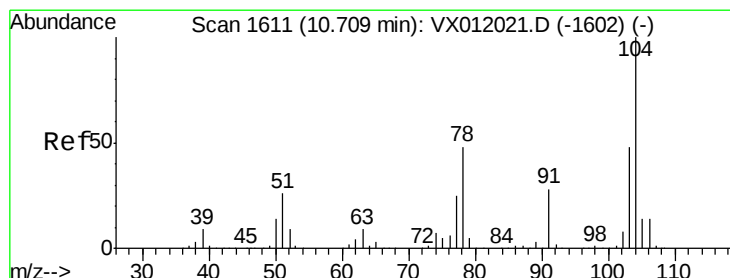
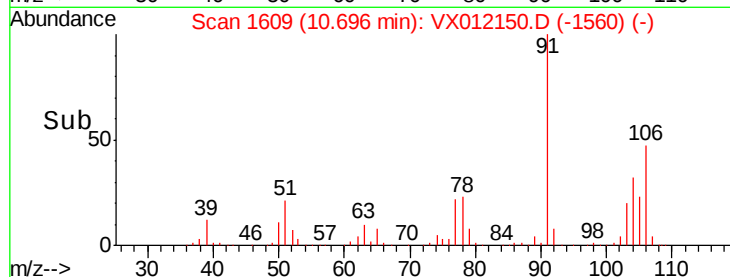
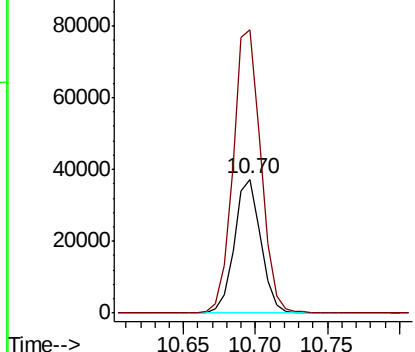
#69
o-Xylene
Concen: 18.249 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Instrument :
MSVOA_X
ClientSampleId :
VX0906SBSD01

Tgt Ion:106 Resp: 47699
Ion Ratio Lower Upper
106 100
91 222.2 103.5 310.3

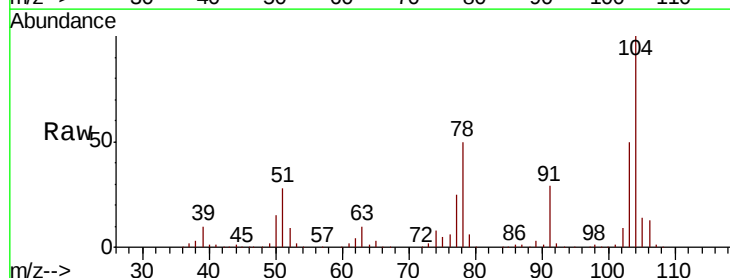


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

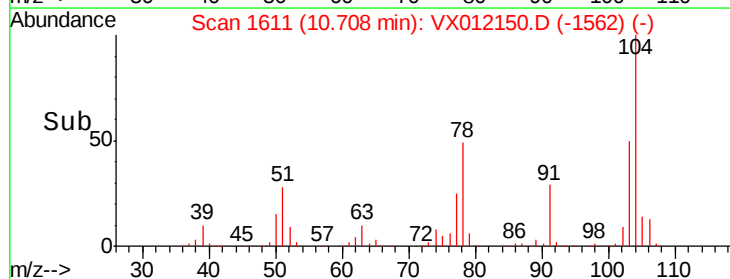
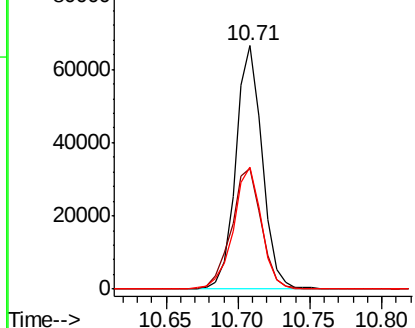


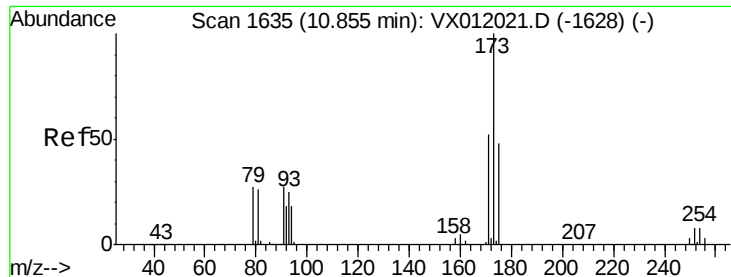
#70
Styrene
Concen: 18.740 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion:104 Resp: 85077
Ion Ratio Lower Upper
104 100
78 56.7 39.1 58.7
103 53.8 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.310 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBSD01

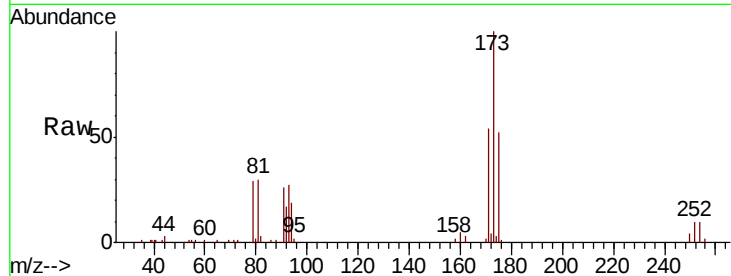
Tgt Ion:173 Resp: 14759

Ion Ratio Lower Upper

173 100

175 47.4 24.9 74.7

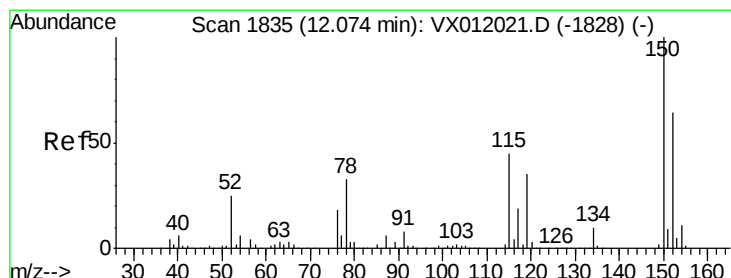
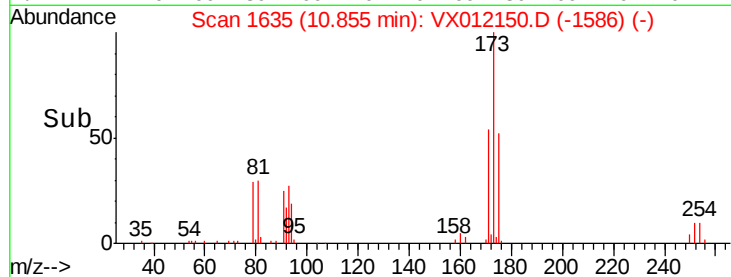
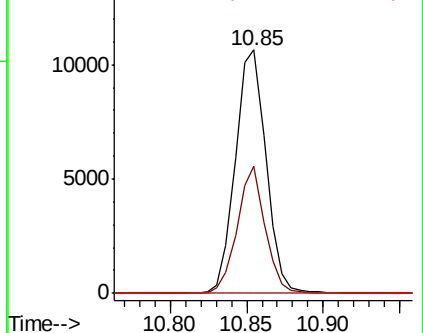
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

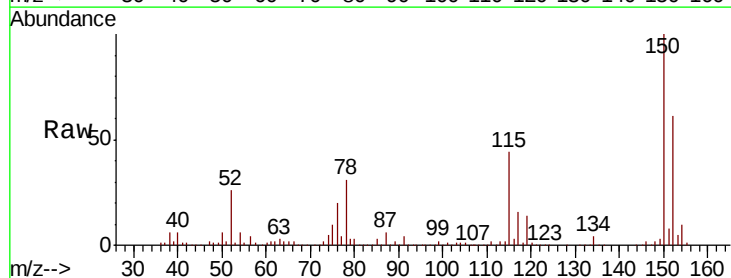
Tgt Ion:152 Resp: 97777

Ion Ratio Lower Upper

152 100

115 77.9 36.4 109.3

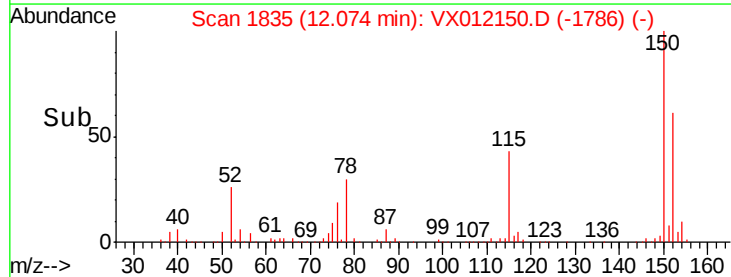
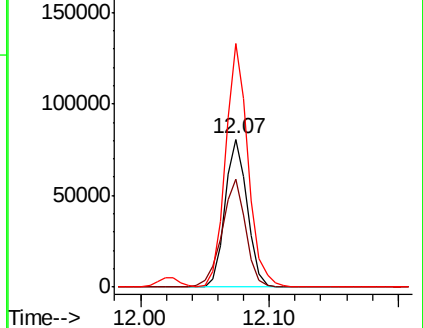
150 167.0 0.0 341.2

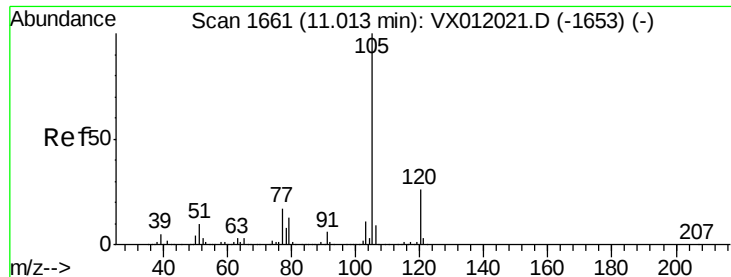


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.308 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

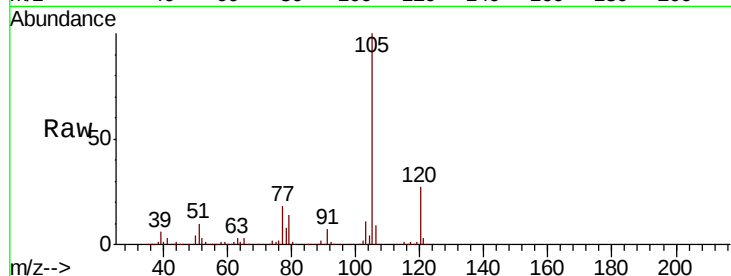
VX0906SBSD01

Tgt Ion: 105 Resp: 131343

Ion Ratio Lower Upper

105 100

120 26.2 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

100000

80000

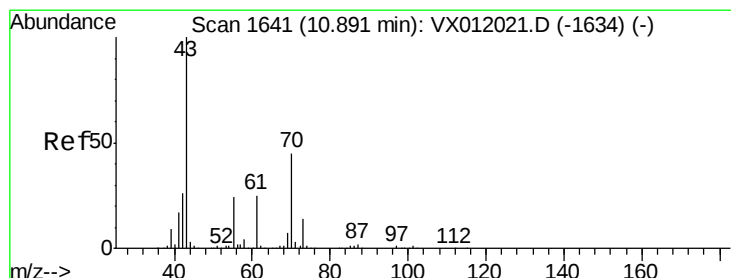
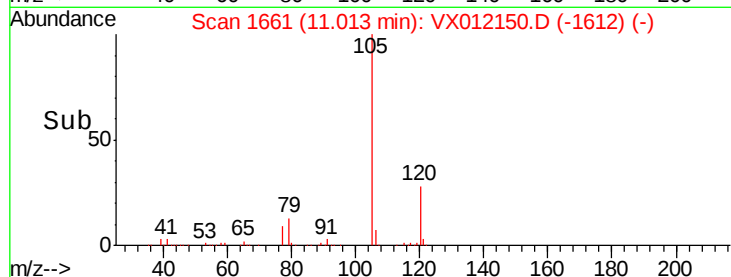
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.487 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Tgt Ion: 43 Resp: 41335

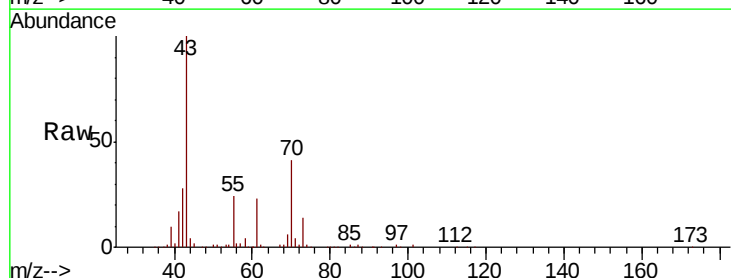
Ion Ratio Lower Upper

43 100

70 41.1 34.4 51.6

55 22.9 18.5 27.7

61 22.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

50000

40000

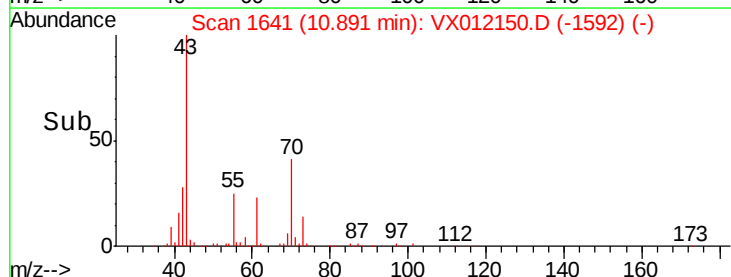
30000

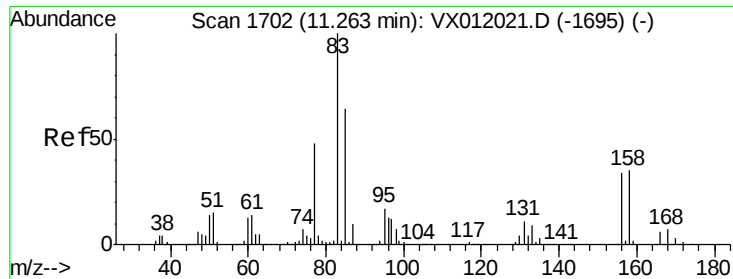
20000

10000

0

Time--> 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 19.359 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBSD01

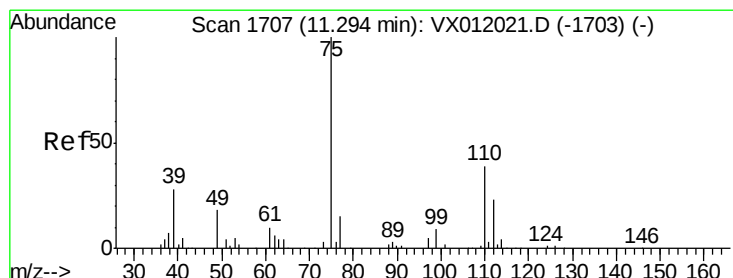
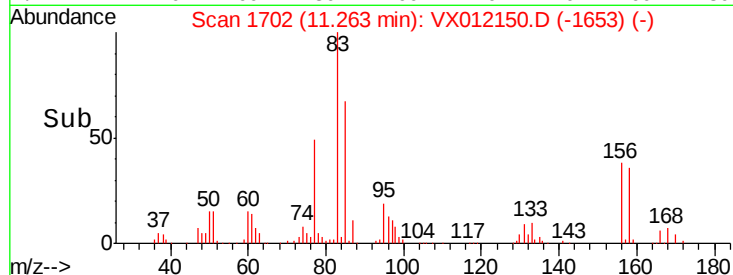
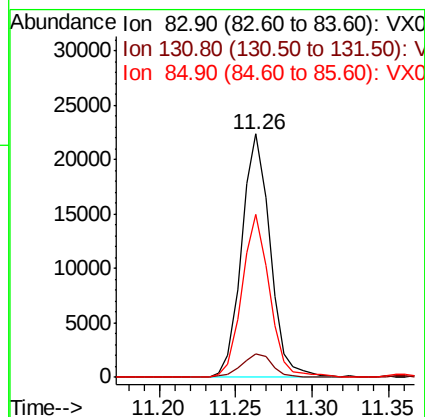
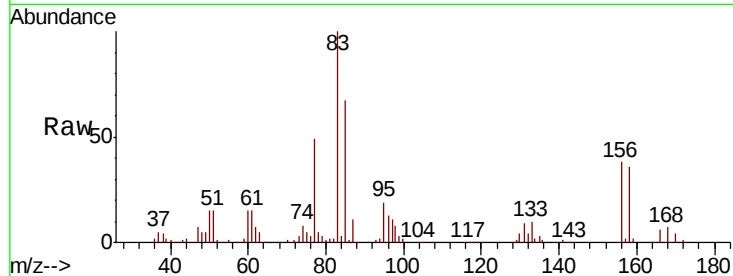
Tgt Ion: 83 Resp: 28954

Ion Ratio Lower Upper

83 100

131 10.3 6.3 19.1

85 64.9 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 26.876 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012150.D

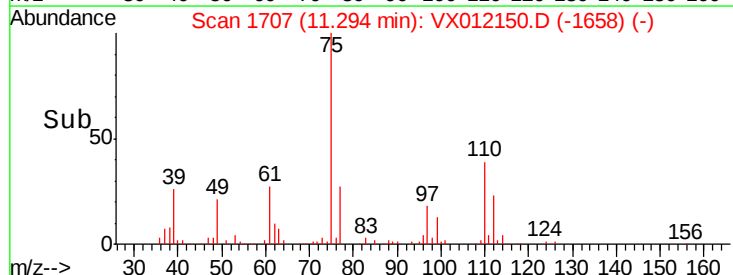
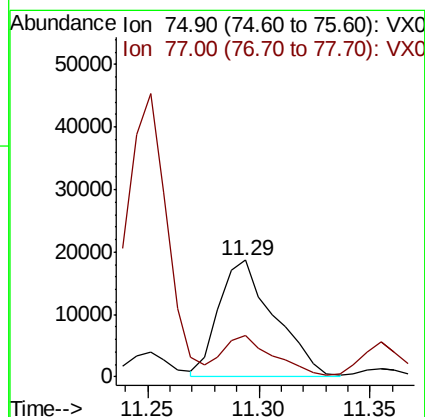
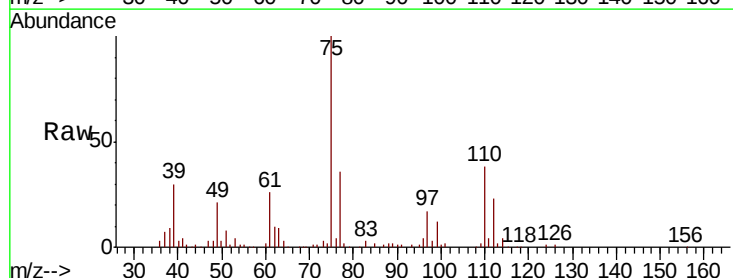
Acq: 06 Sep 2019 16:09

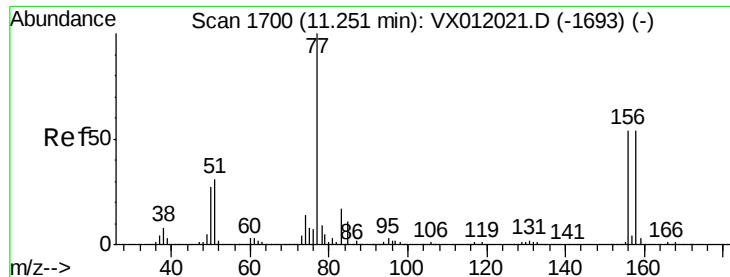
Tgt Ion: 75 Resp: 32108

Ion Ratio Lower Upper

75 100

77 32.5 23.5 70.5

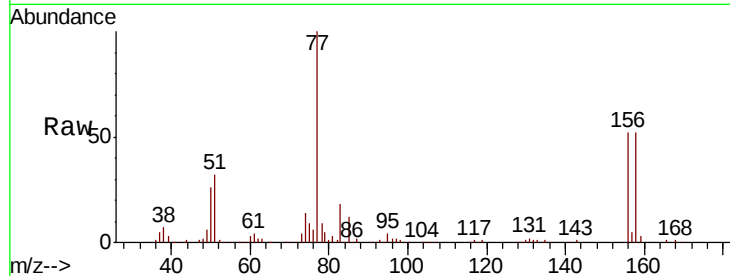




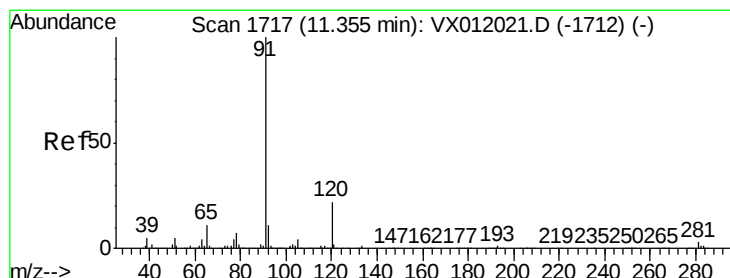
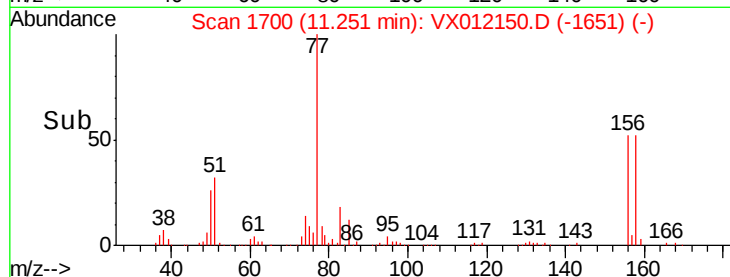
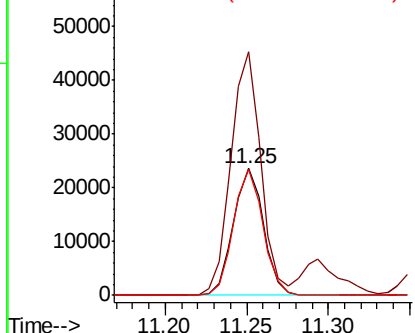
#77
Bromobenzene
Concen: 18.940 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Instrument :
MSVOA_X
ClientSampleId :
VX0906SBS01

Tgt Ion:156 Resp: 30389
Ion Ratio Lower Upper
156 100
77 189.2 63.4 190.2
158 97.4 48.9 146.6

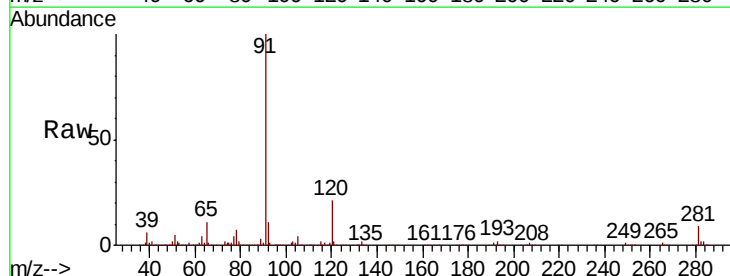


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

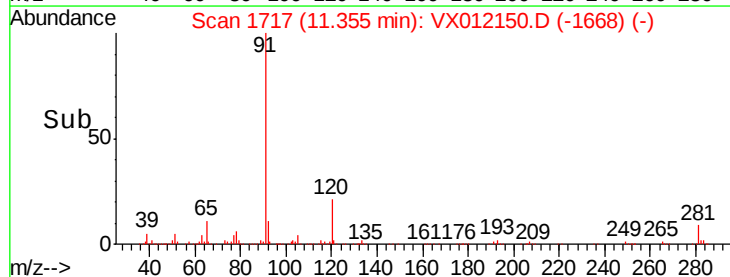
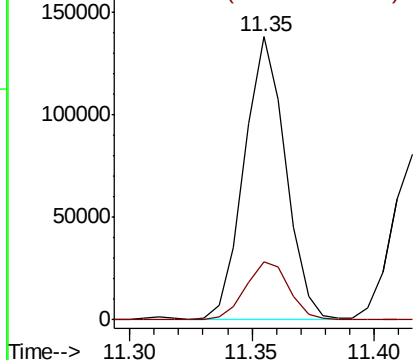


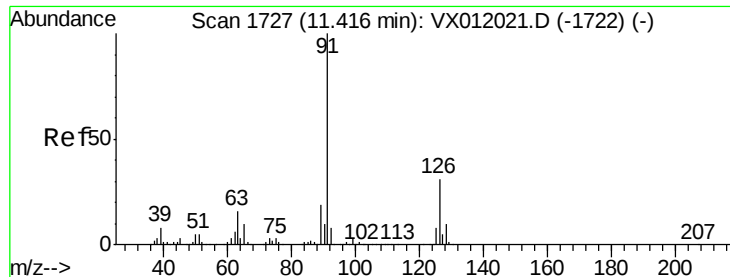
#78
n-propylbenzene
Concen: 18.551 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 91 Resp: 160784
Ion Ratio Lower Upper
91 100
120 21.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.637 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

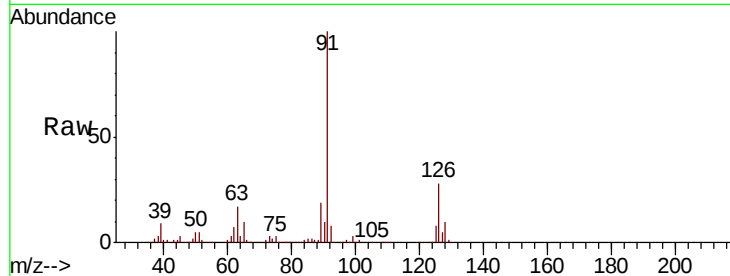
VX0906SBSD01

Tgt Ion: 91 Resp: 97860

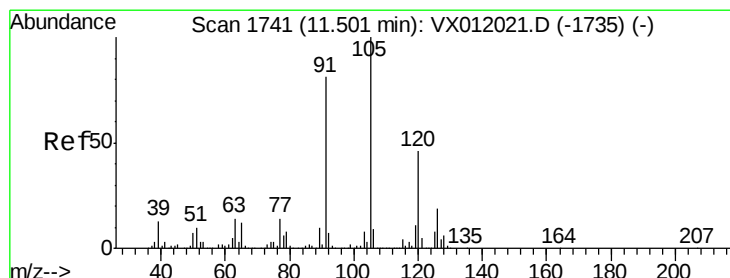
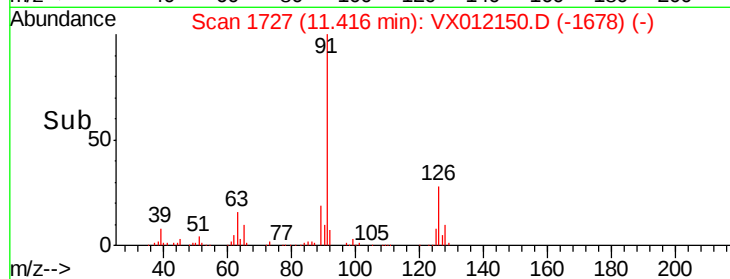
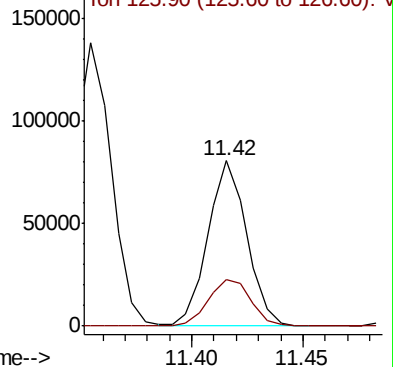
Ion Ratio Lower Upper

91 100

126 30.7 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VX012021.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.305 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012150.D

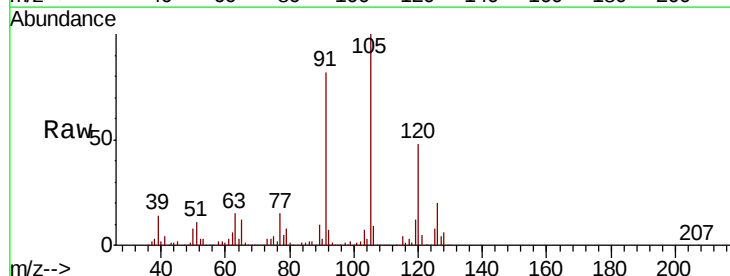
Acq: 06 Sep 2019 16:09

Tgt Ion: 105 Resp: 115084

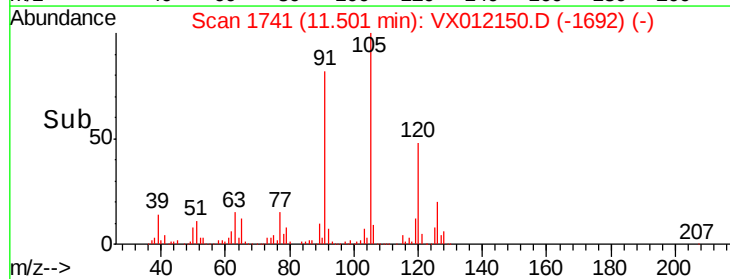
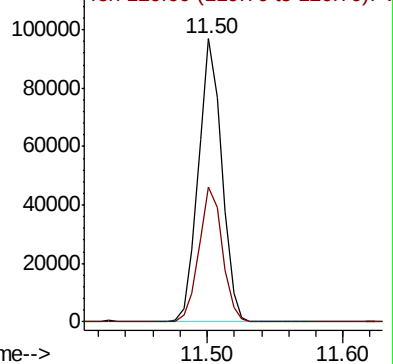
Ion Ratio Lower Upper

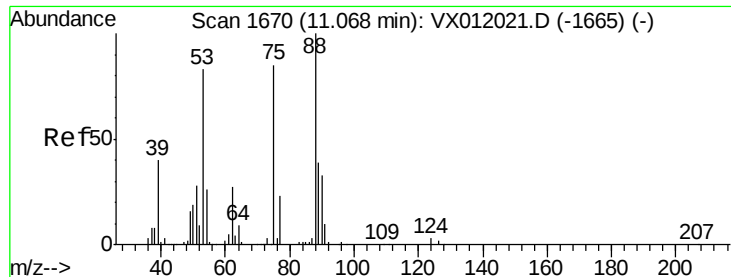
105 100

120 48.1 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): VX012021.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.874 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBSD01

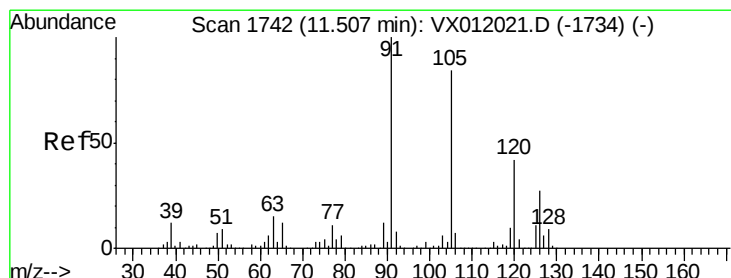
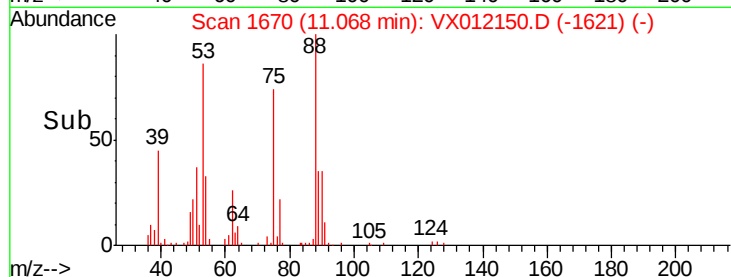
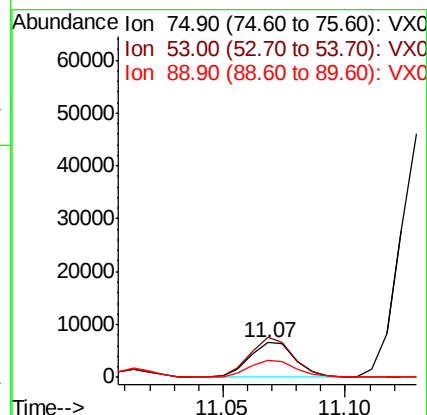
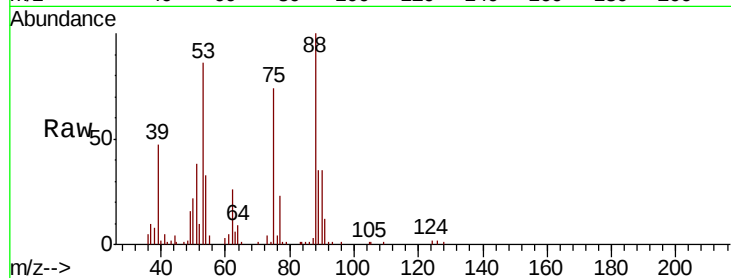
Tgt Ion: 75 Resp: 8527

Ion Ratio Lower Upper

75 100

53 109.9 78.6 117.8

89 49.9 38.8 58.2



#82

4-Chlorotoluene

Concen: 18.740 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012150.D

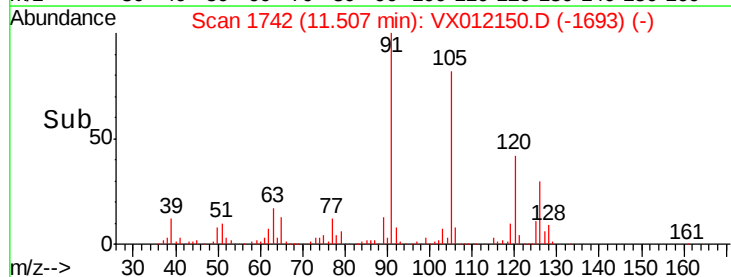
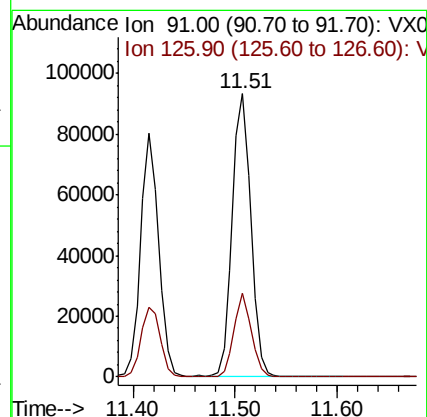
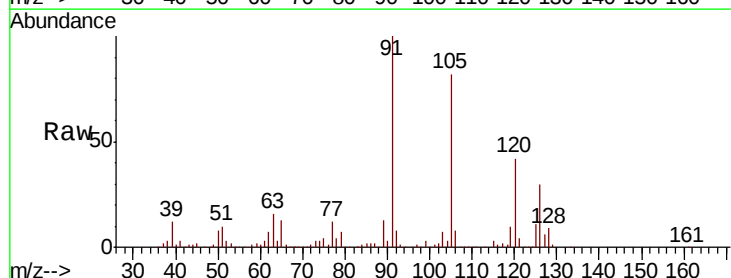
Acq: 06 Sep 2019 16:09

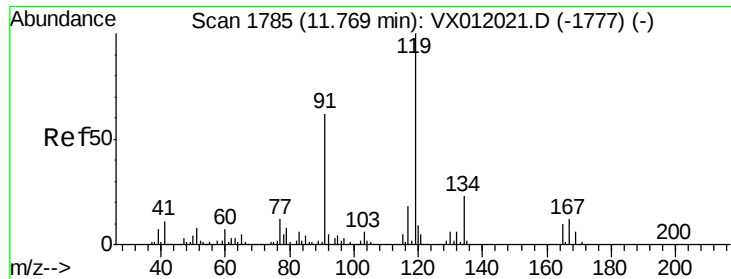
Tgt Ion: 91 Resp: 117283

Ion Ratio Lower Upper

91 100

126 27.5 16.2 48.6

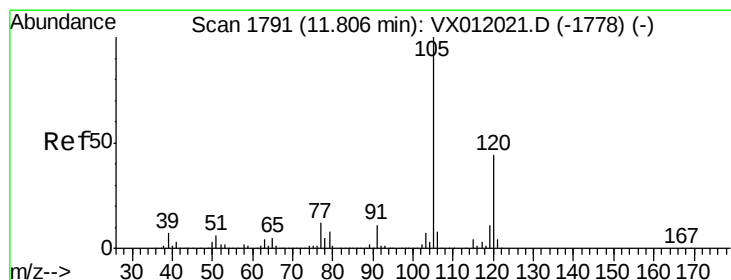
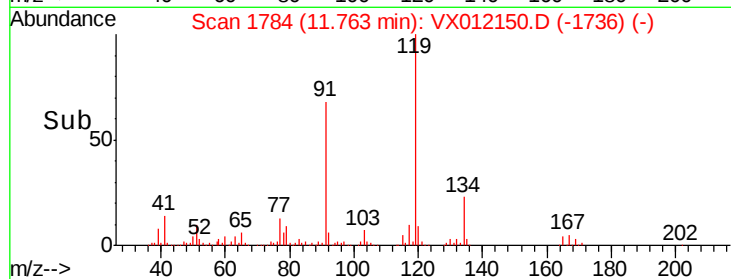
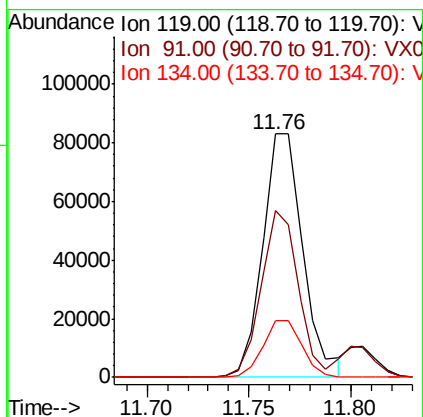
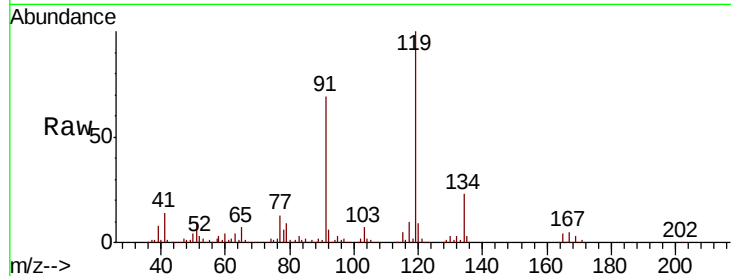




#83
 tert-Butylbenzene
 Concen: 19.084 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

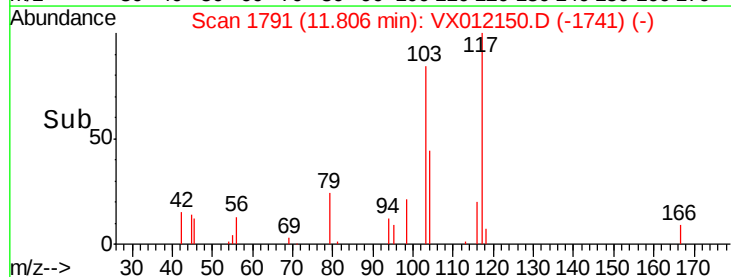
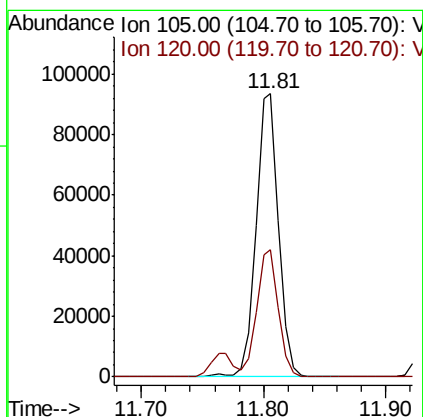
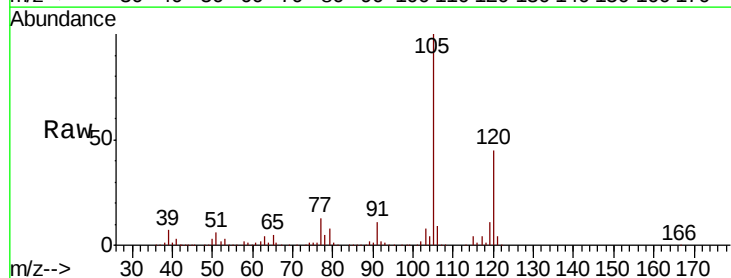
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBSD01

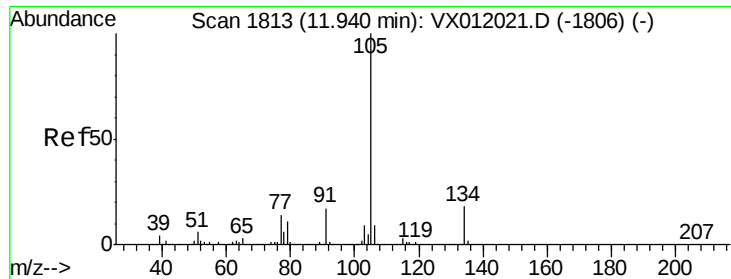
Tgt Ion:119 Resp: 114356
 Ion Ratio Lower Upper
 119 100
 91 63.2 27.1 81.2
 134 22.7 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.599 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Tgt Ion:105 Resp: 120181
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.6 70.8





#85

sec-Butylbenzene

Concen: 18.625 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

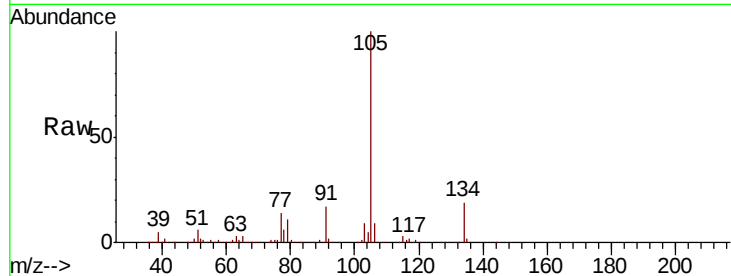
VX0906SBSD01

Tgt Ion:105 Resp: 138620

Ion Ratio Lower Upper

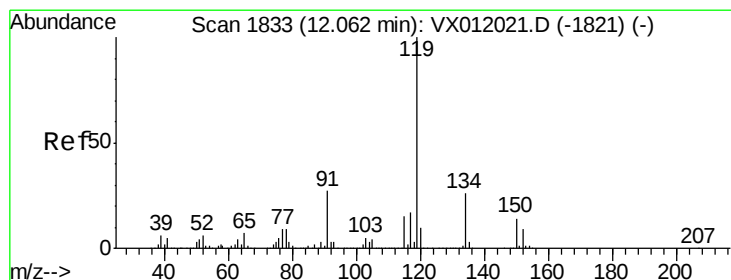
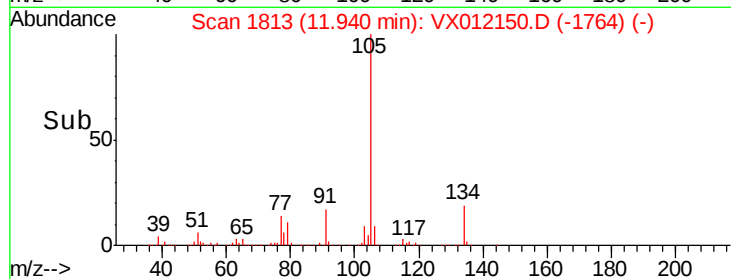
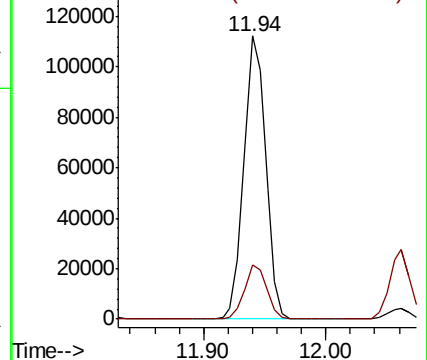
105 100

134 19.3 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.133 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

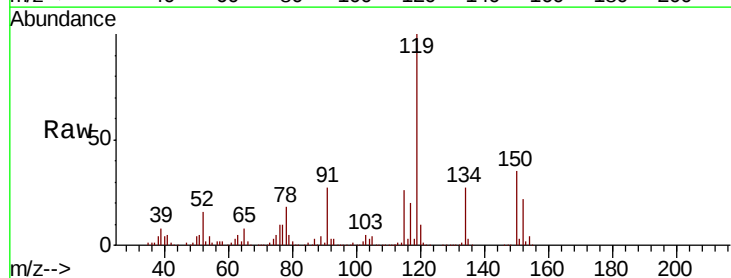
Tgt Ion:119 Resp: 122737

Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

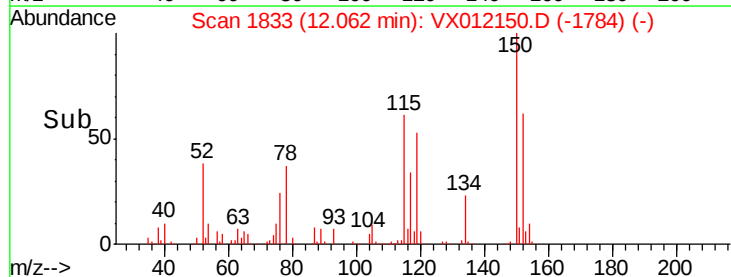
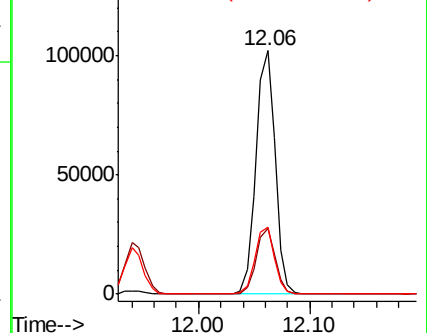
91 27.5 11.4 34.1

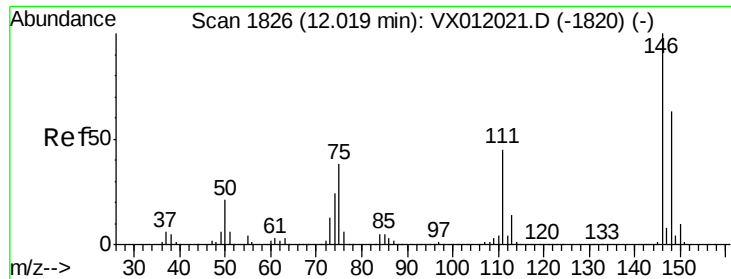


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

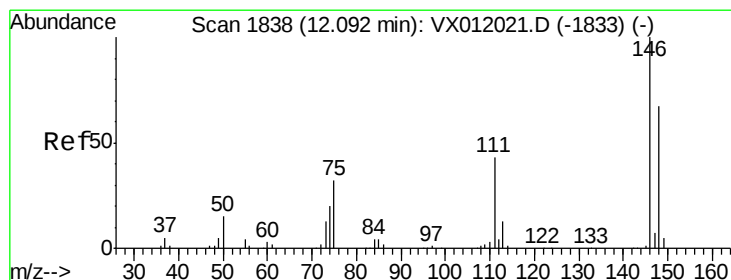
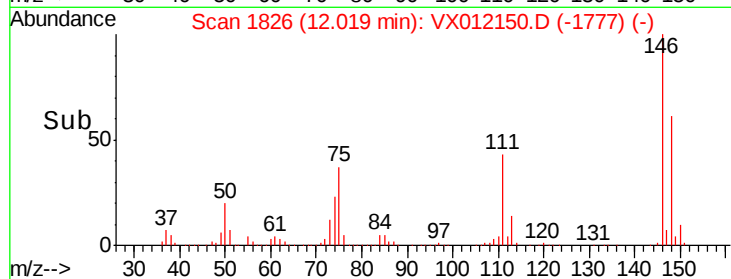
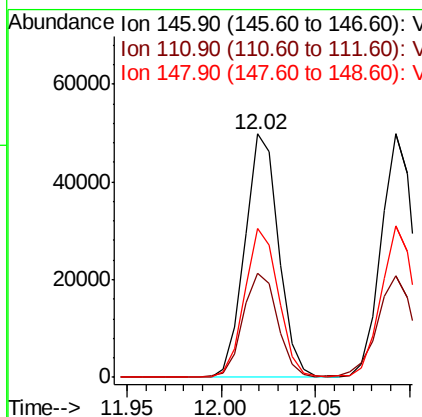
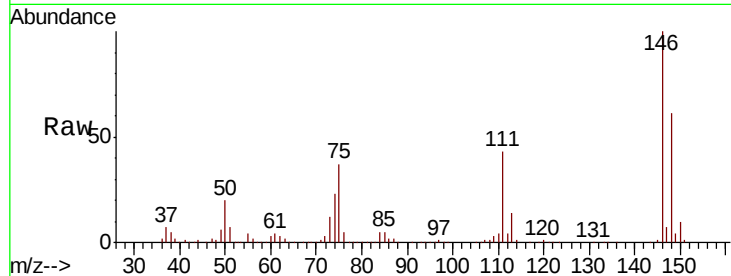




#87
 1,3-Dichlorobenzene
 Concen: 19.281 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

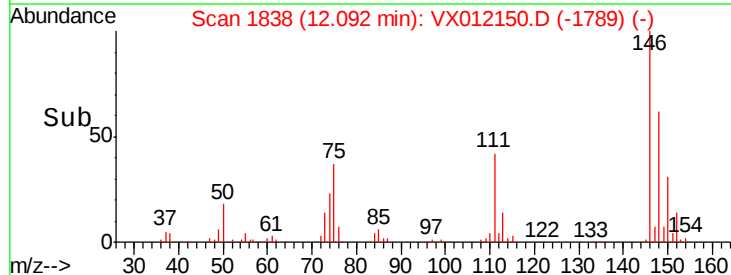
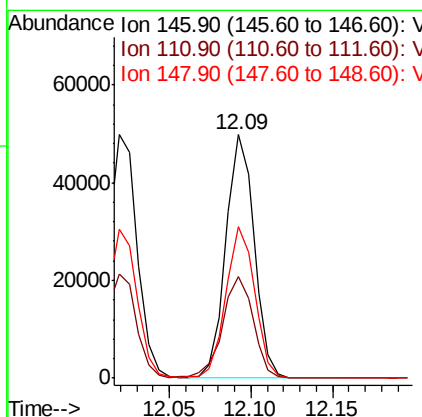
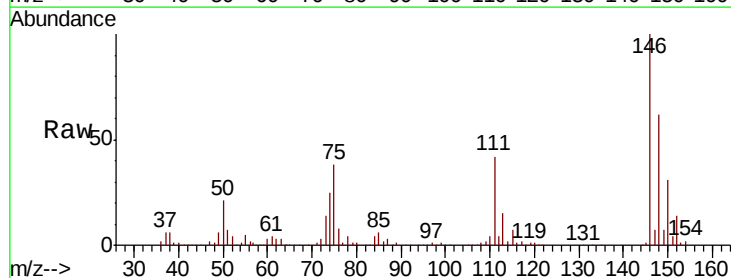
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBSD01

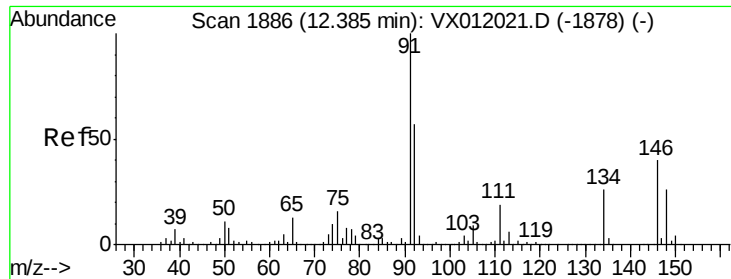
Tgt Ion:146 Resp: 61990
 Ion Ratio Lower Upper
 146 100
 111 44.1 18.1 54.1
 148 61.1 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 18.776 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Tgt Ion:146 Resp: 60361
 Ion Ratio Lower Upper
 146 100
 111 45.7 17.7 53.1
 148 63.2 32.4 97.0

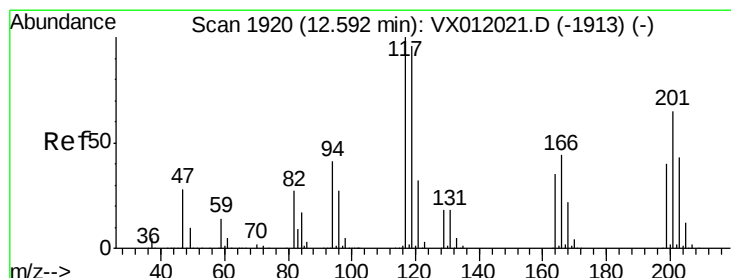
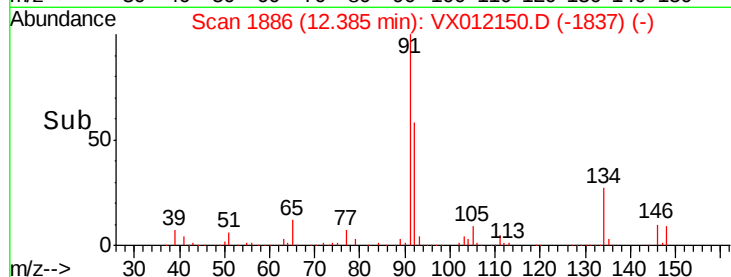
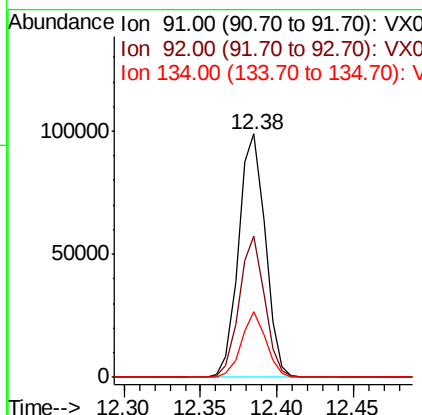
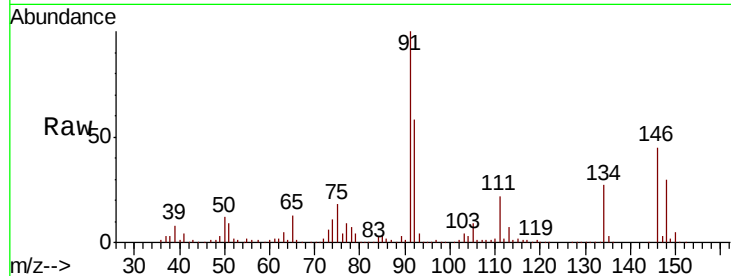




#89
n-Butylbenzene
Concen: 18.266 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

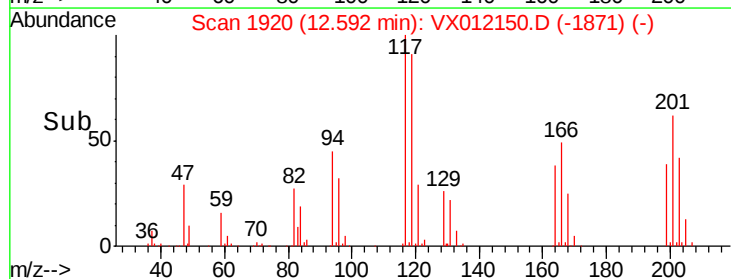
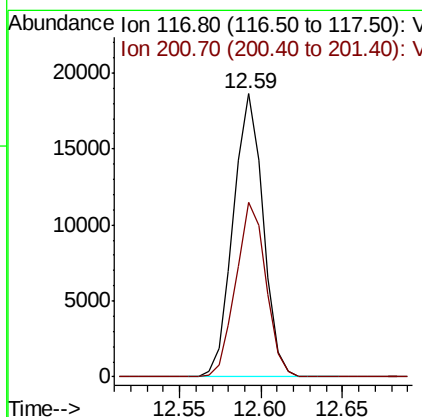
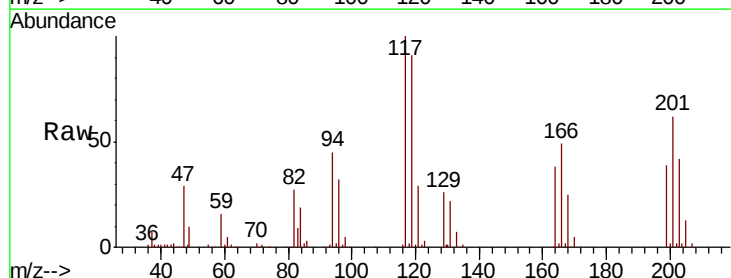
Instrument :
MSVOA_X
ClientSampleId :
VX0906SBSD01

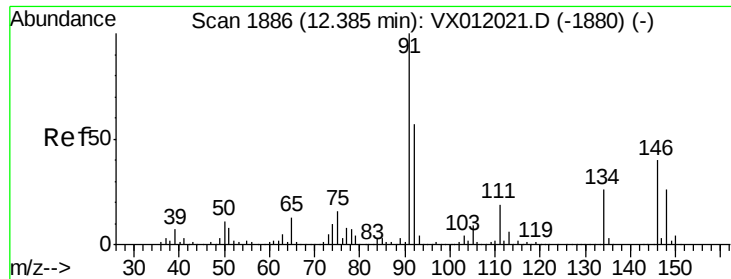
Tgt Ion: 91 Resp: 120105
Ion Ratio Lower Upper
91 100
92 55.2 27.6 82.8
134 24.8 15.4 46.1



#90
Hexachloroethane
Concen: 17.629 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012150.D
Acq: 06 Sep 2019 16:09

Tgt Ion: 117 Resp: 23825
Ion Ratio Lower Upper
117 100
201 62.0 55.0 165.2





#91

1,2-Dichlorobenzene

Concen: 19.459 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBS01

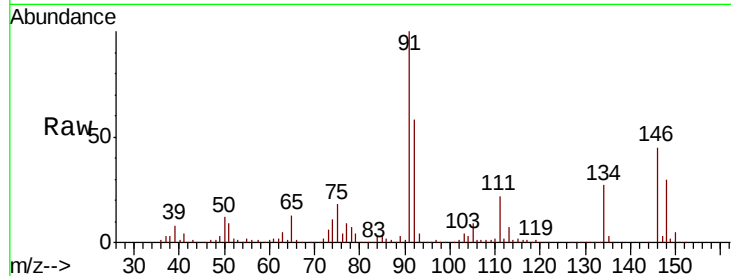
Tgt Ion:146 Resp: 56345

Ion Ratio Lower Upper

146 100

111 46.9 18.6 56.0

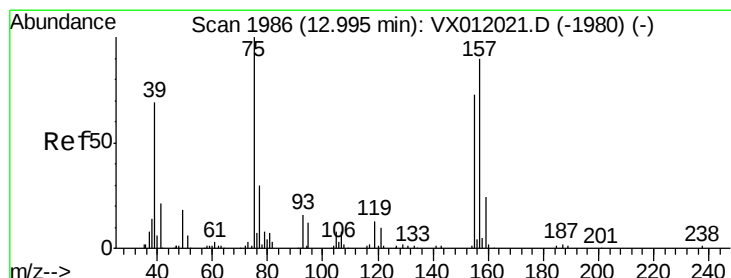
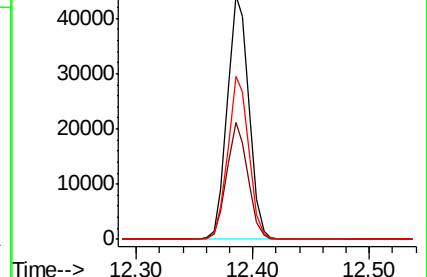
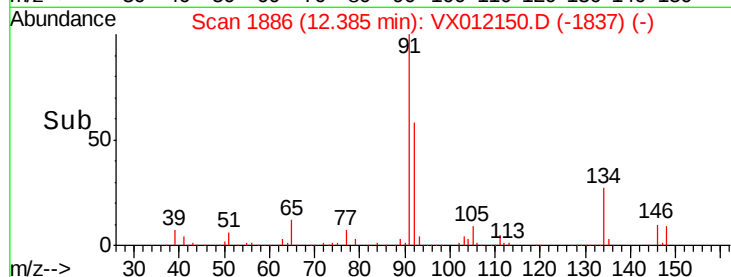
148 64.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.305 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

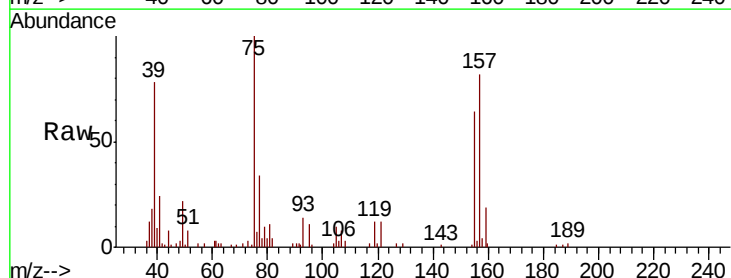
Tgt Ion: 75 Resp: 6042

Ion Ratio Lower Upper

75 100

155 66.9 51.7 155.2

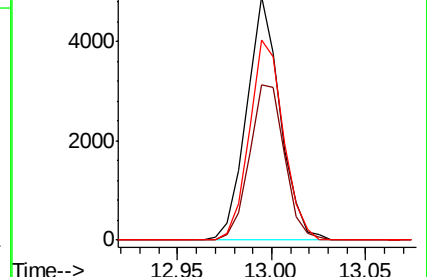
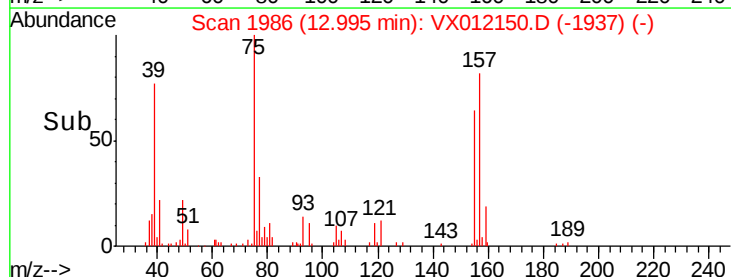
157 83.7 66.9 200.7

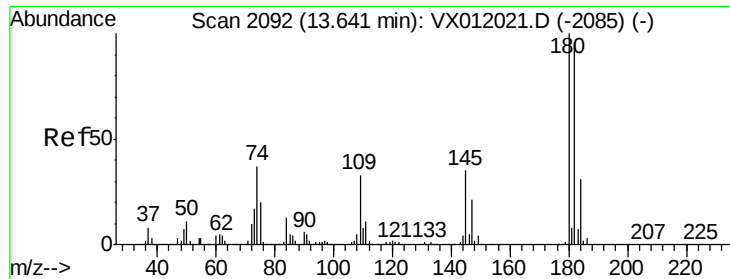


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

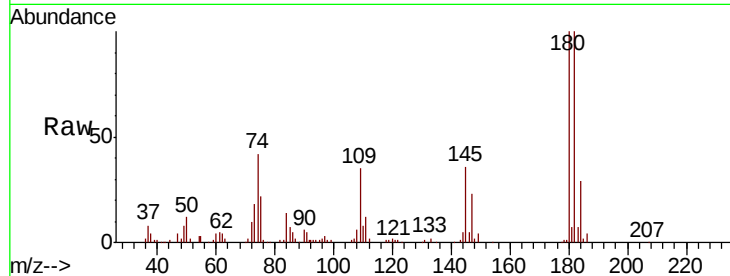




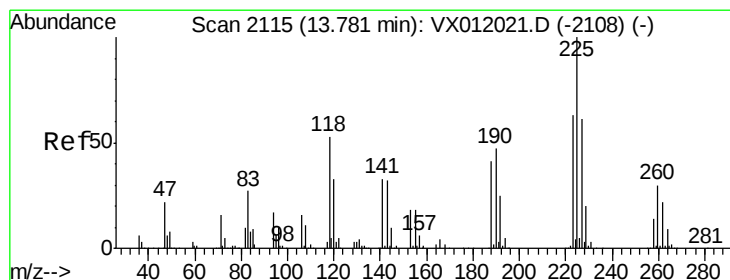
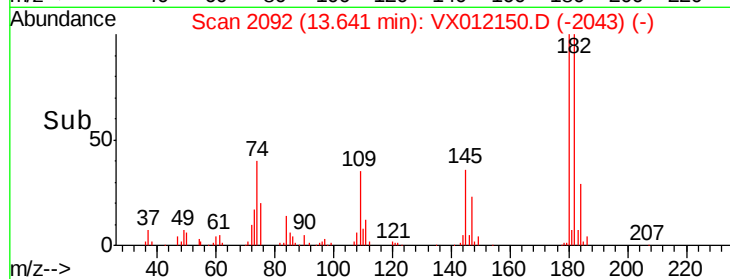
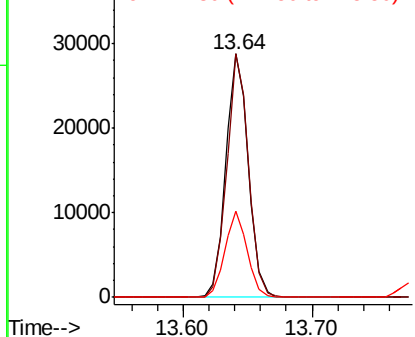
#93
 1,2,4-Trichlorobenzene
 Concen: 17.196 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906SBSD01

Tgt Ion:180 Resp: 35440
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.3 142.0
 145 34.9 13.7 41.0

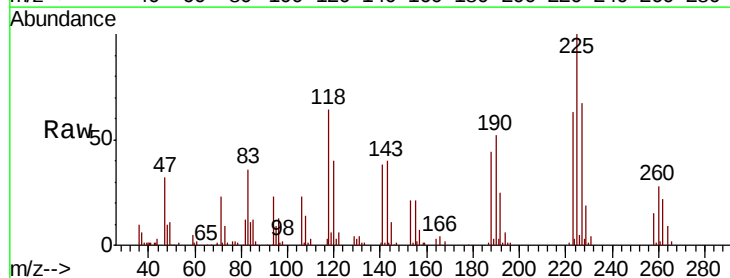


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

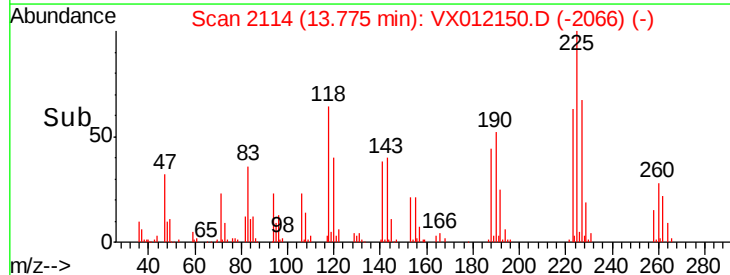
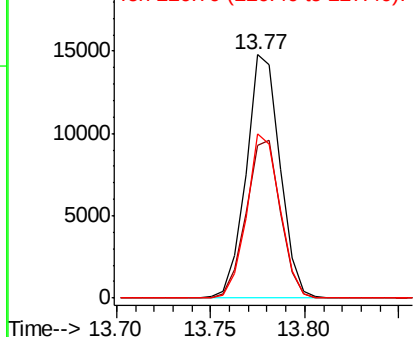


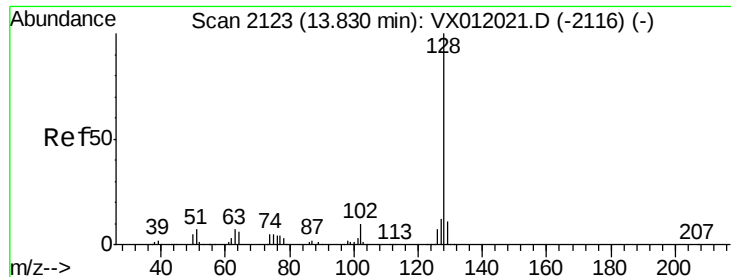
#94
 Hexachlorobutadiene
 Concen: 17.709 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012150.D
 Acq: 06 Sep 2019 16:09

Tgt Ion:225 Resp: 18398
 Ion Ratio Lower Upper
 225 100
 223 65.6 31.6 95.0
 227 65.9 32.5 97.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.207 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

Instrument :

MSVOA_X

ClientSampleId :

VX0906SBSD01

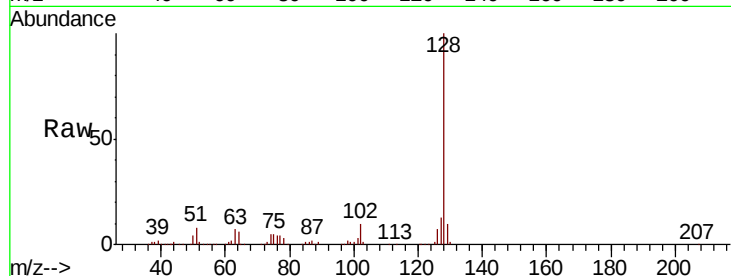
Tgt Ion:128 Resp: 81212

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

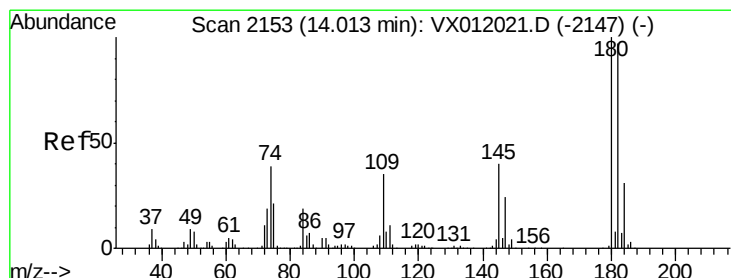
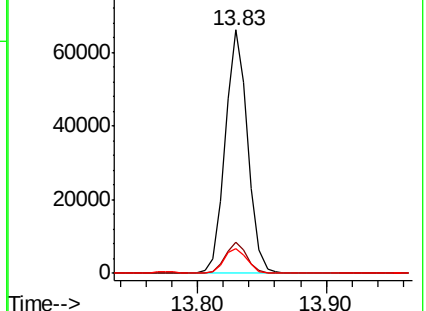
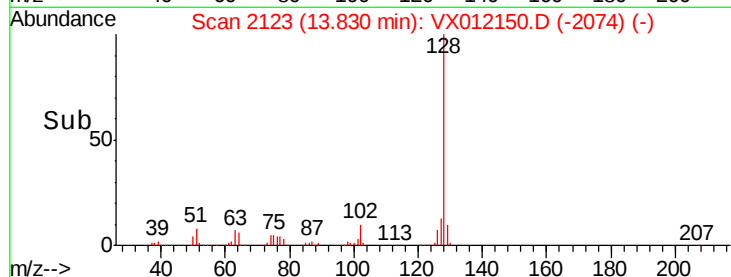
129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.634 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX012150.D

Acq: 06 Sep 2019 16:09

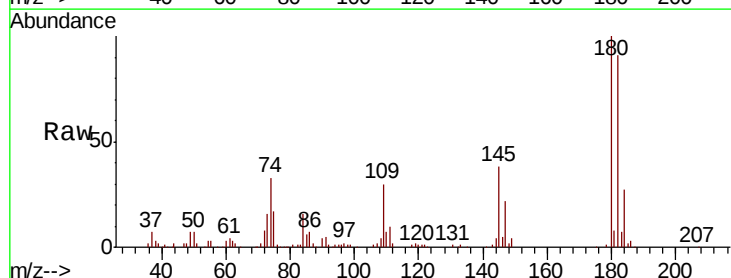
Tgt Ion:180 Resp: 31974

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.6

145 39.0 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

