

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012318.D
 Acq On : 11 Sep 2019 23:29
 Operator : SY/SP
 Sample : VX0911SBSD02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD02

Quant Time: Sep 12 05:43:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	123941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	224120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	209039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107490	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	87420	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.48	113	69257	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.71	98	257873	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.14	95	108606	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	21100	20.823	ug/l	95
3) Chloromethane	1.31	50	21311	23.331	ug/l	97
4) Vinyl Chloride	1.40	62	20108	22.202	ug/l	94
5) Bromomethane	1.62	94	9186	22.475	ug/l	99
6) Chloroethane	1.70	64	13140	21.697	ug/l	99
7) Trichlorofluoromethane	1.91	101	34358	20.962	ug/l	100
8) Diethyl Ether	2.17	74	12652	22.621	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	22919	20.747	ug/l	99
10) Methyl Iodide	2.50	142	16214	15.421	ug/l	95
11) Tert butyl alcohol	3.03	59	29957	157.587	ug/l	97
12) 1,1-Dichloroethene	2.36	96	20536	21.897	ug/l	95
13) Acrolein	2.28	56	8337	91.015	ug/l	92
14) Allyl chloride	2.72	41	39548	20.683	ug/l	99
15) Acrylonitrile	3.13	53	40639	117.543	ug/l	98
16) Acetone	2.44	43	38637	93.142	ug/l	97
17) Carbon Disulfide	2.55	76	39620	20.118	ug/l	99
18) Methyl Acetate	2.76	43	25904	29.710	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	80931	21.851	ug/l	95
20) Methylene Chloride	2.84	84	31903	23.241	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	23910	21.369	ug/l	96
22) Diisopropyl ether	3.84	45	93624	21.410	ug/l	95
23) Vinyl Acetate	3.80	43	270174	100.701	ug/l	100
24) 1,1-Dichloroethane	3.69	63	51326	21.912	ug/l	98
25) 2-Butanone	4.66	43	57264	107.987	ug/l	99
26) 2,2-Dichloropropane	4.57	77	39105	17.782	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	31675	21.927	ug/l	96
28) Bromochloromethane	5.00	49	21516	19.586	ug/l	98
29) Tetrahydrofuran	5.12	42	34612	120.974	ug/l	100
30) Chloroform	5.19	83	56880	21.535	ug/l	97
31) Cyclohexane	5.56	56	32836	20.181	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	47036	20.739	ug/l	99
36) 1,1-Dichloropropene	5.78	75	32250	19.734	ug/l	94
37) Ethyl Acetate	4.82	43	22211	21.987	ug/l #	93
38) Carbon Tetrachloride	5.77	117	37911	19.773	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012318.D
 Acq On : 11 Sep 2019 23:29
 Operator : SY/SP
 Sample : VX0911SBSD02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD02

Quant Time: Sep 12 05:43:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	34848	19.431	ug/l	97
40) Benzene	6.13	78	107321	21.698	ug/l	99
41) Methacrylonitrile	5.03	41	14403	23.127	ug/l	97
42) 1,2-Dichloroethane	6.18	62	40777	20.859	ug/l	100
43) Isopropyl Acetate	6.43	43	45277	21.258	ug/l	98
44) Trichloroethene	7.20	130	28620	21.381	ug/l	96
45) 1,2-Dichloropropane	7.51	63	29298	21.400	ug/l	99
46) Dibromomethane	7.65	93	16304	21.790	ug/l	96
47) Bromodichloromethane	7.89	83	41020	20.089	ug/l	95
48) Methyl methacrylate	7.76	41	22152	21.729	ug/l	99
49) 1,4-Dioxane	7.73	88	6877	499.913	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	127627	113.540	ug/l	99
52) Toluene	8.78	92	68813	21.063	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	38720	18.999	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	44591	19.731	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	25306	21.830	ug/l	99
56) Ethyl methacrylate	9.17	69	33268	21.196	ug/l	99
57) 1,3-Dichloropropane	9.37	76	43504	21.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	82657	102.751	ug/l	100
59) 2-Hexanone	9.49	43	87000	111.314	ug/l	100
60) Dibromochloromethane	9.57	129	27657	20.437	ug/l	98
61) 1,2-Dibromoethane	9.67	107	23682	21.947	ug/l	98
64) Tetrachloroethene	9.33	164	26313	23.801	ug/l	97
65) Chlorobenzene	10.14	112	80788	21.151	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	30619	21.266	ug/l	98
67) Ethyl Benzene	10.25	91	140525	20.686	ug/l	94
68) m/p-Xylenes	10.36	106	107775	43.098	ug/l	99
69) o-Xylene	10.70	106	51457	21.005	ug/l	100
70) Styrene	10.71	104	90439	20.817	ug/l	99
71) Bromoform	10.85	173	15131	20.266	ug/l #	98
73) Isopropylbenzene	11.01	105	140153	19.806	ug/l	100
74) N-amyl acetate	10.89	43	40034	19.027	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	32147	21.153	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	33546	24.293	ug/l	89
77) Bromobenzene	11.25	156	34535	21.197	ug/l	97
78) n-propylbenzene	11.35	91	169767	19.866	ug/l	99
79) 2-Chlorotoluene	11.42	91	107839	20.369	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	127646	20.058	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	7867	17.070	ug/l	94
82) 4-Chlorotoluene	11.51	91	130152	20.456	ug/l	100
83) tert-Butylbenzene	11.77	119	120447	19.492	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	133121	20.236	ug/l	99
85) sec-Butylbenzene	11.94	105	146533	19.874	ug/l	100
86) p-Isopropyltoluene	12.06	119	134391	19.727	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	68005	20.491	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	69708	20.771	ug/l	99
89) n-Butylbenzene	12.39	91	131395	19.678	ug/l	99
90) Hexachloroethane	12.59	117	22601	18.012	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	63619	20.722	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6356	20.490	ug/l	96

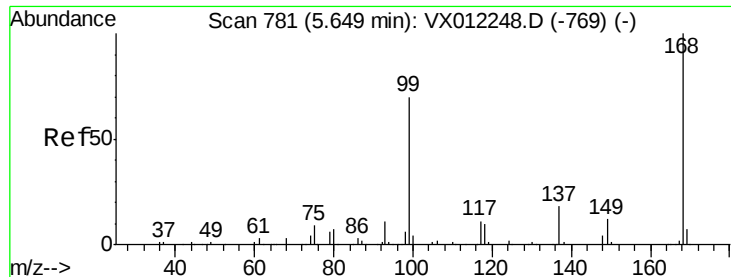
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
Data File : VX012318.D
Acq On : 11 Sep 2019 23:29
Operator : SY/SP
Sample : VX0911SBSD02
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

Quant Time: Sep 12 05:43:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	42952	20.259	ug/l	98
94) Hexachlorobutadiene	13.78	225	21629	20.507	ug/l	99
95) Naphthalene	13.83	128	96058	21.112	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	39754	21.192	ug/l	98

(#) = 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: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

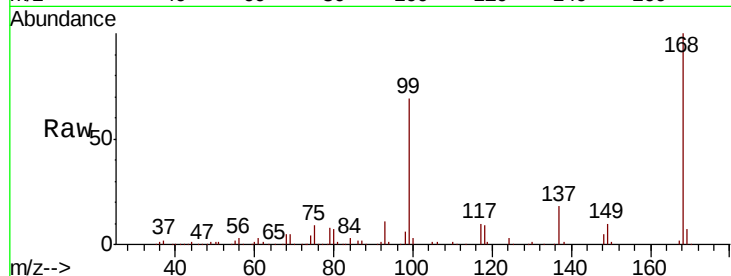
VX0911SBSD02

Tgt Ion:168 Resp: 123941

Ion Ratio Lower Upper

168 100

99 68.6 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

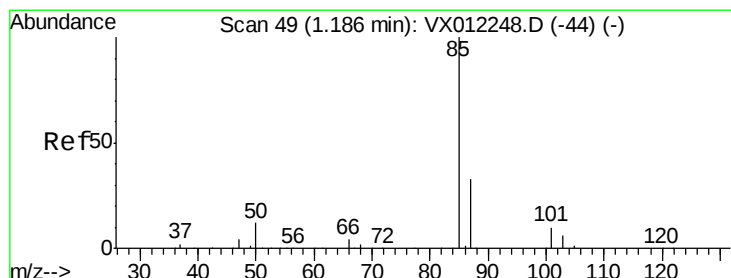
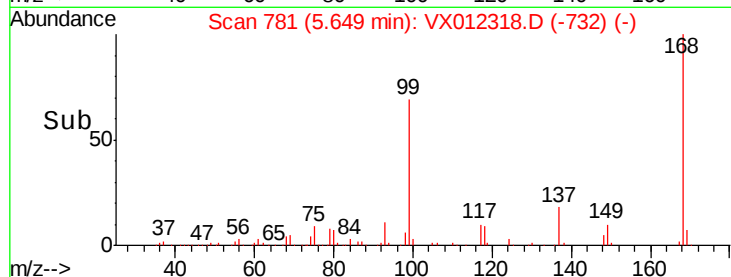
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.823 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012318.D

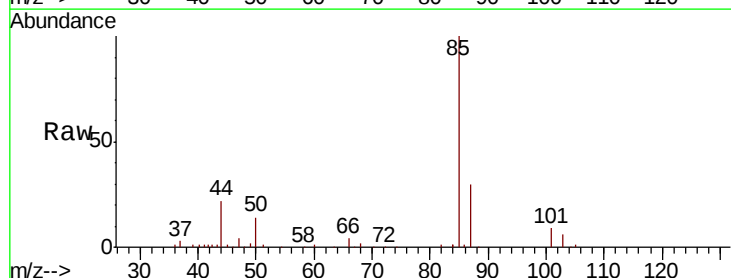
Acq: 11 Sep 2019 23:29

Tgt Ion: 85 Resp: 21100

Ion Ratio Lower Upper

85 100

87 30.2 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

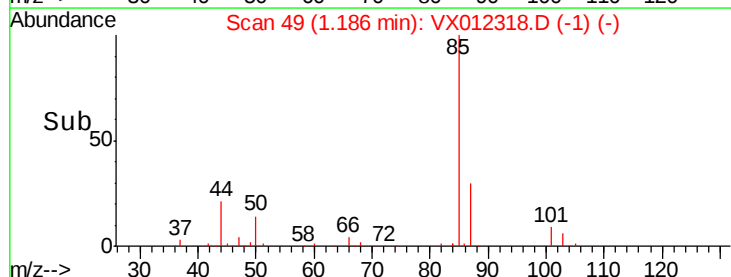
15000

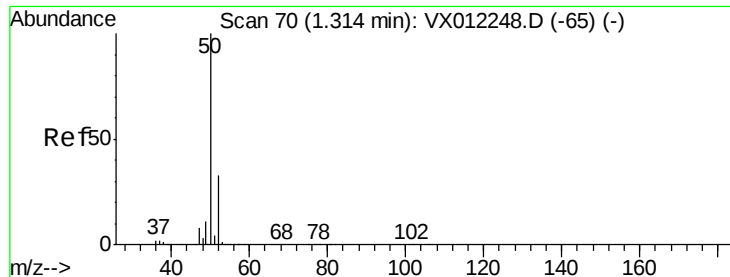
10000

5000

0

Time--> 1.10 1.15 1.20 1.25

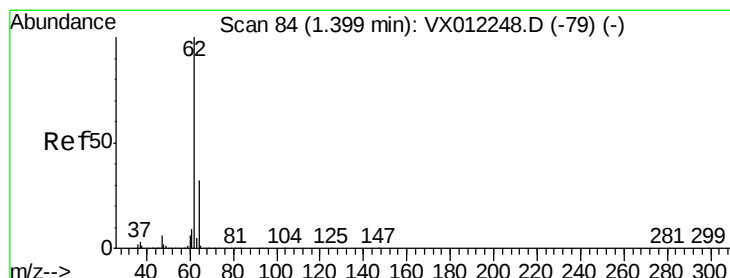
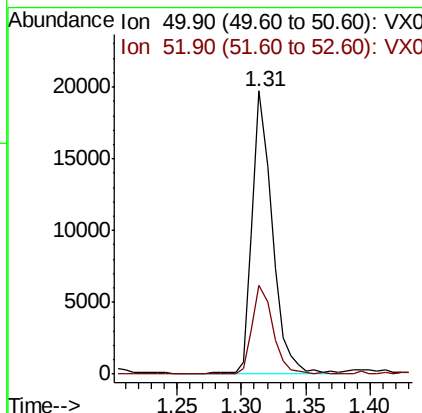
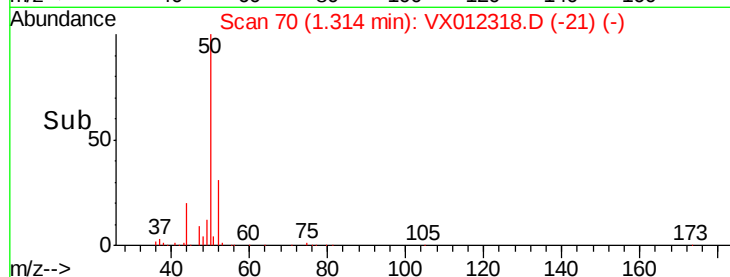
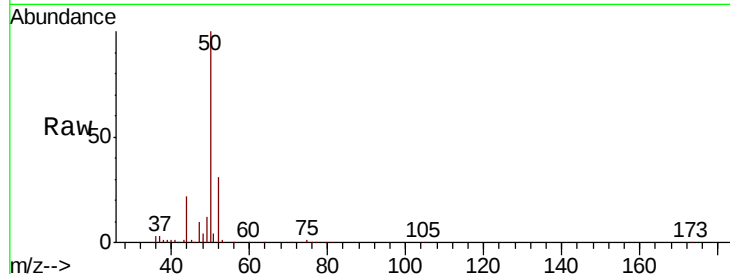




#3
Chloromethane
Concen: 23.331 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

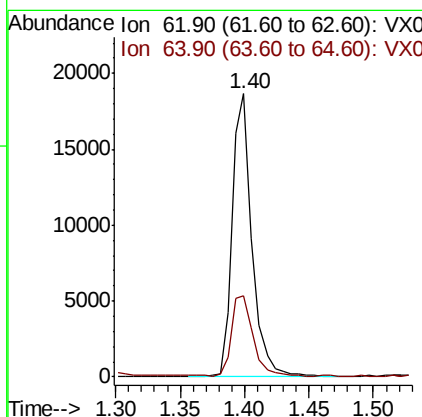
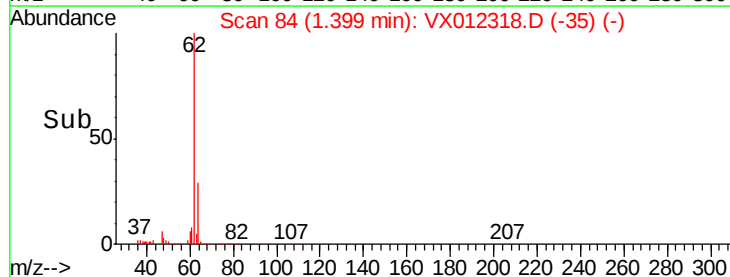
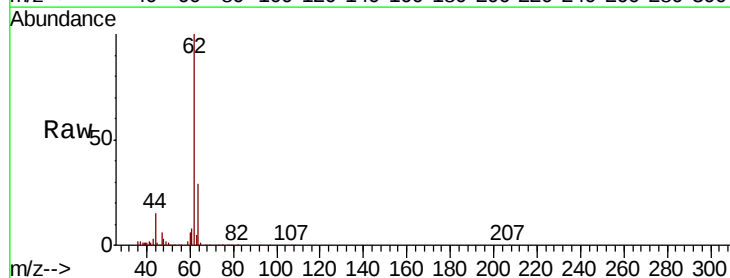
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

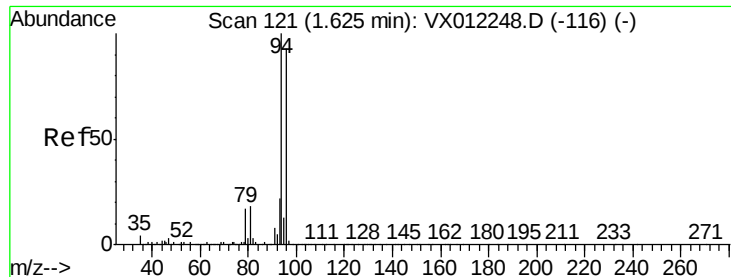
Tgt Ion: 50 Resp: 21311
Ion Ratio Lower Upper
50 100
52 31.5 26.7 40.1



#4
Vinyl Chloride
Concen: 22.202 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion: 62 Resp: 20108
Ion Ratio Lower Upper
62 100
64 28.5 25.5 38.3





#5

Bromomethane

Concen: 22.475 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

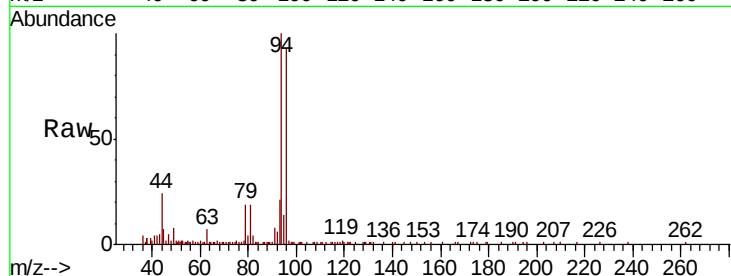
VX0911SBSD02

Tgt Ion: 94 Resp: 9186

Ion Ratio Lower Upper

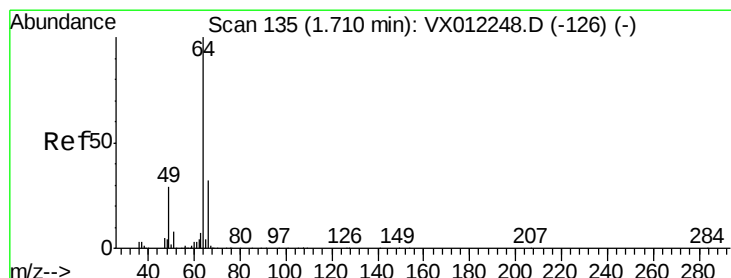
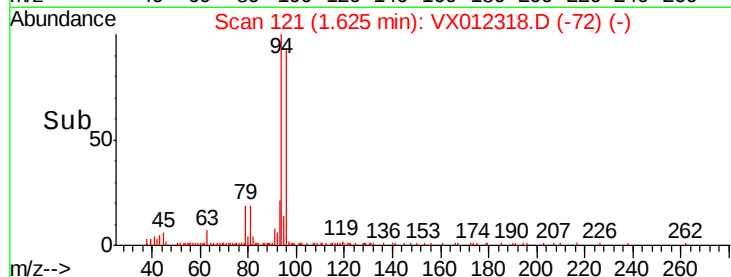
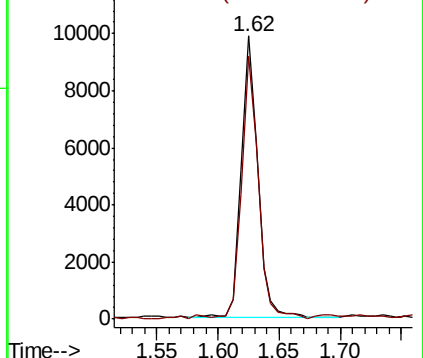
94 100

96 93.4 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.697 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012318.D

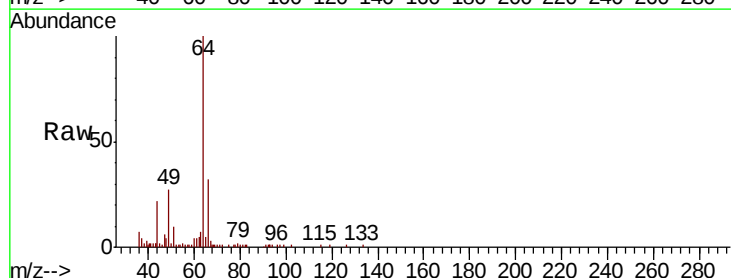
Acq: 11 Sep 2019 23:29

Tgt Ion: 64 Resp: 13140

Ion Ratio Lower Upper

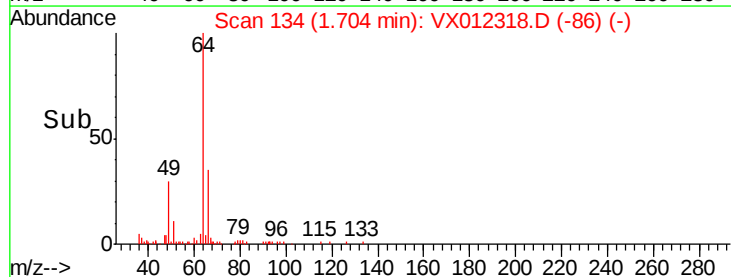
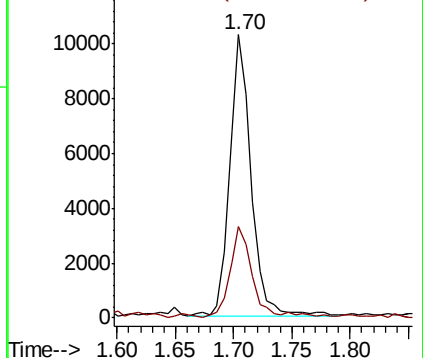
64 100

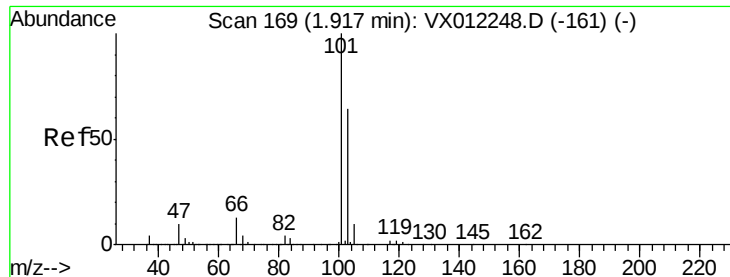
66 31.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



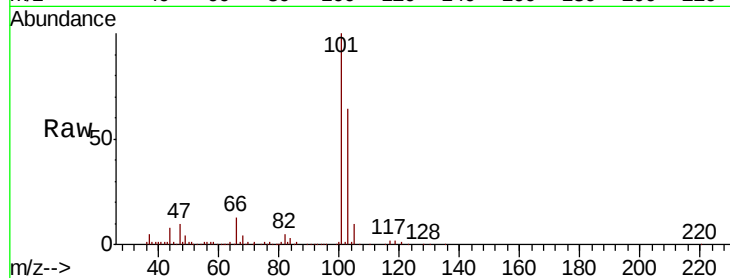


#7

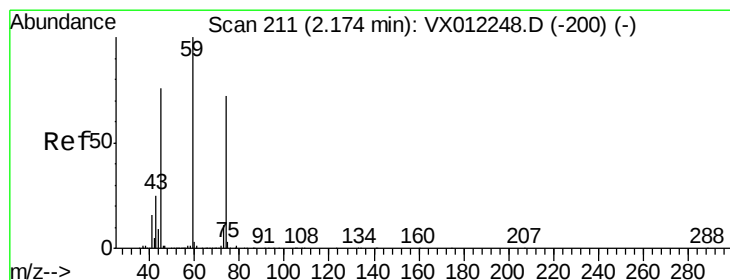
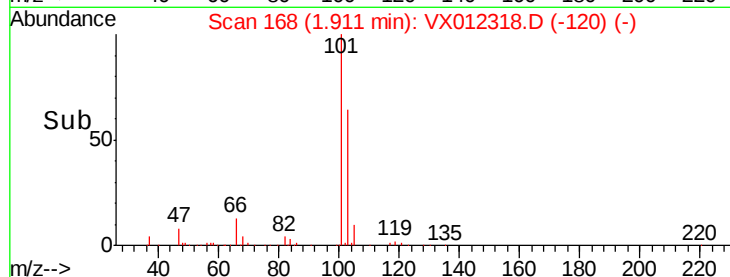
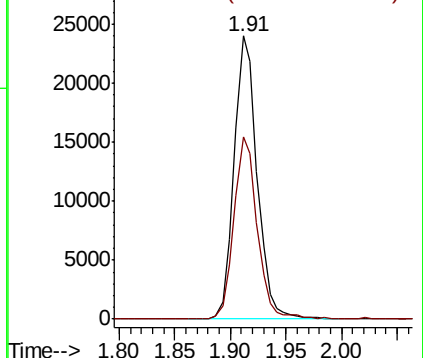
Trichlorofluoromethane
 Concen: 20.962 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD02

Tgt Ion:101 Resp: 34358
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



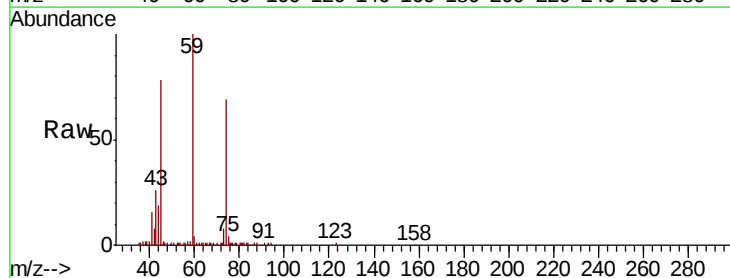
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



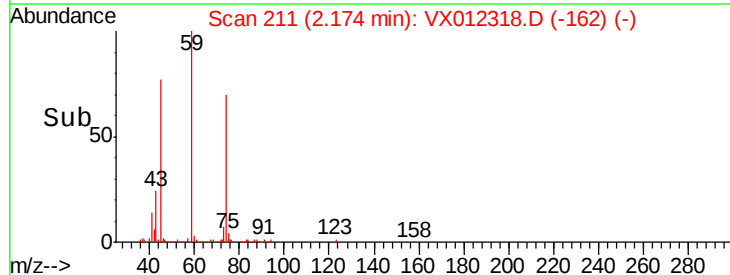
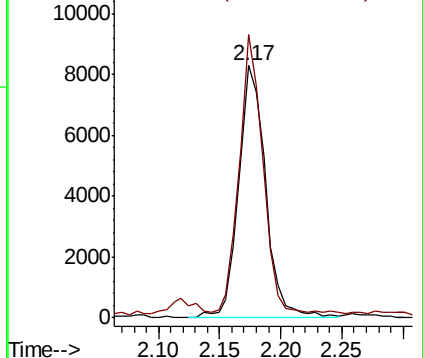
#8

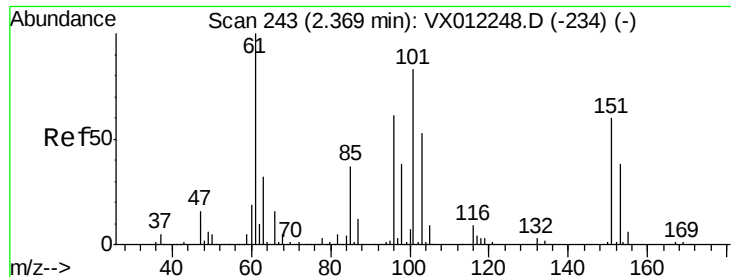
Diethyl Ether
 Concen: 22.621 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Tgt Ion: 74 Resp: 12652
 Ion Ratio Lower Upper
 74 100
 45 95.0 51.3 153.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.747 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD02

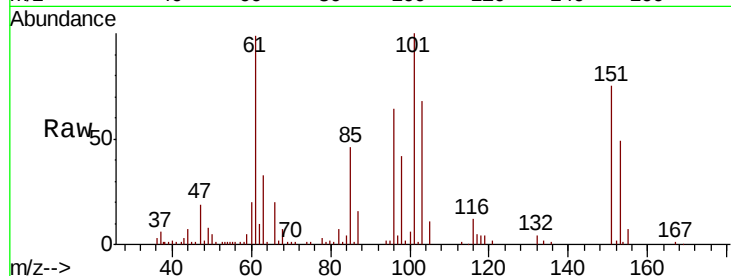
Tgt Ion:101 Resp: 22919

Ion Ratio Lower Upper

101 100

85 46.2 37.0 55.6

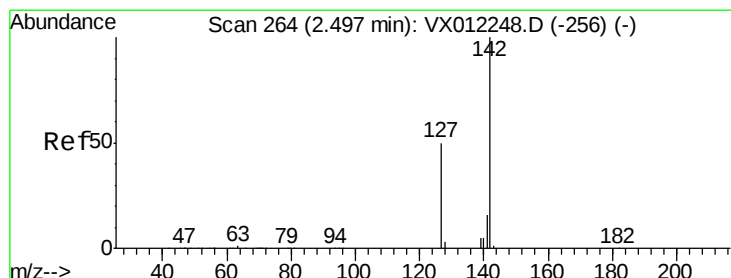
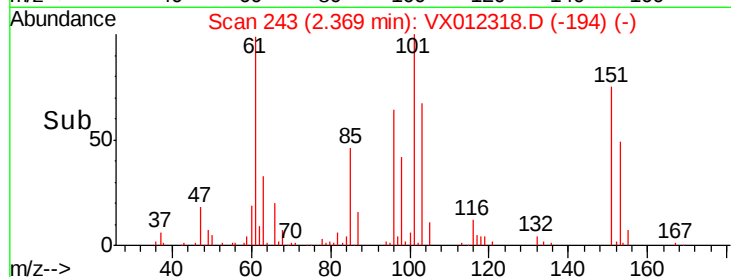
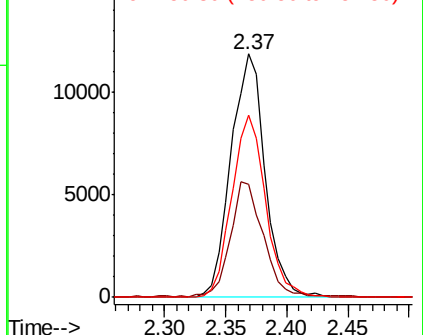
151 74.4 58.6 87.8



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: 15.421 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

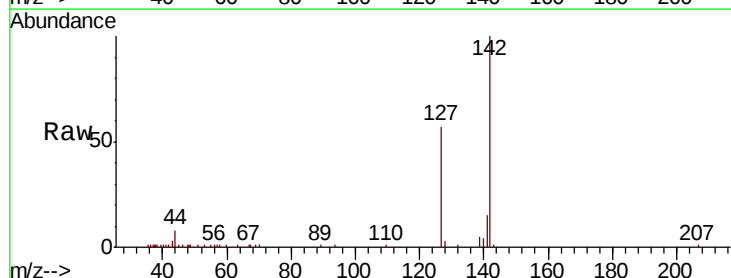
Tgt Ion:142 Resp: 16214

Ion Ratio Lower Upper

142 100

127 55.0 40.6 61.0

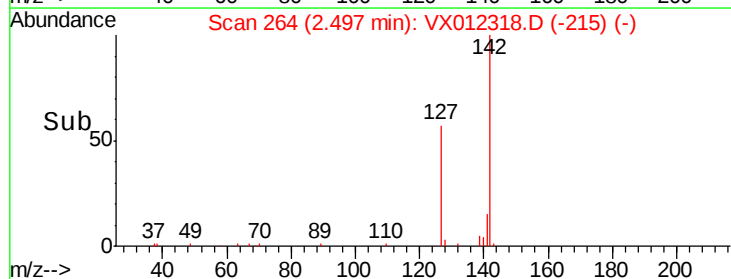
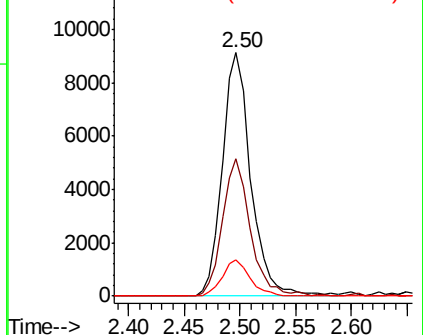
141 14.5 12.0 18.0

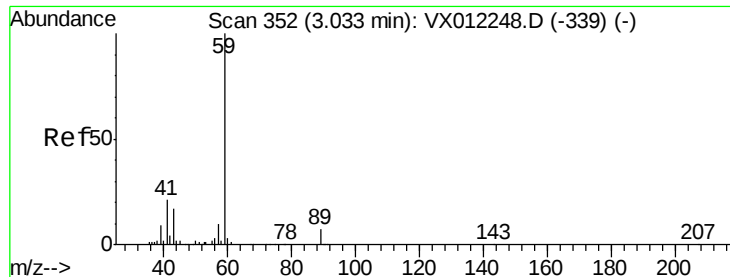


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

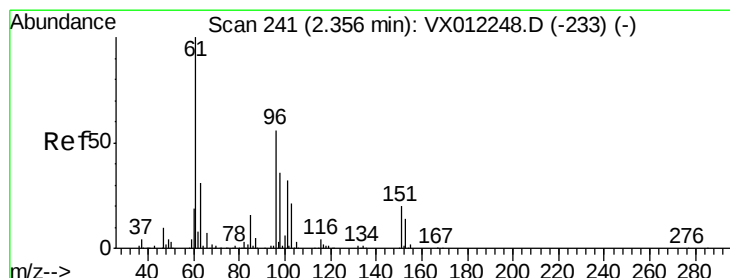
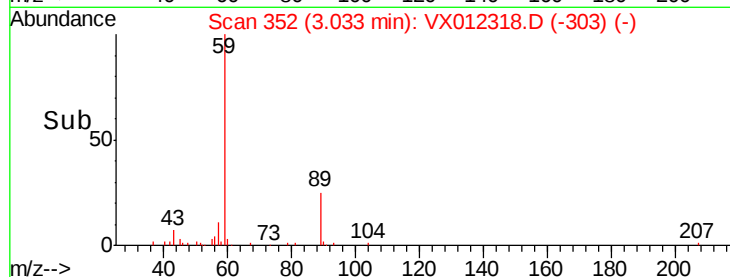
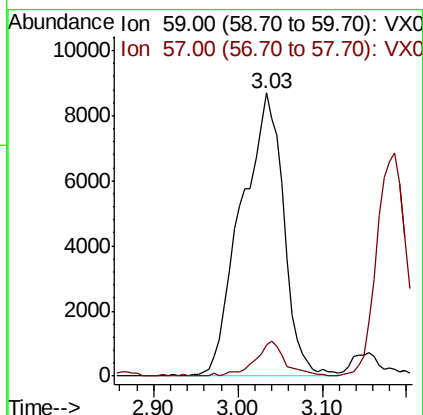
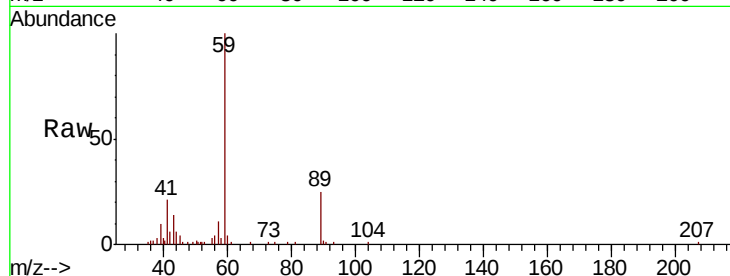




#11
Tert butyl alcohol
Concen: 157.587 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

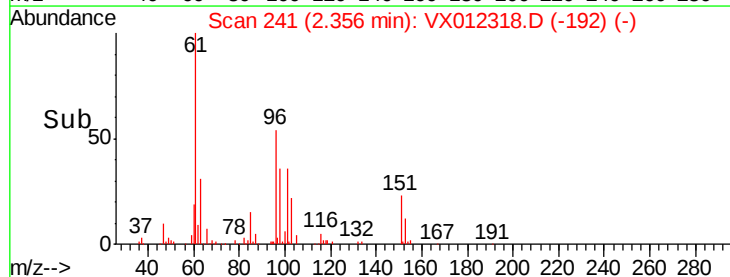
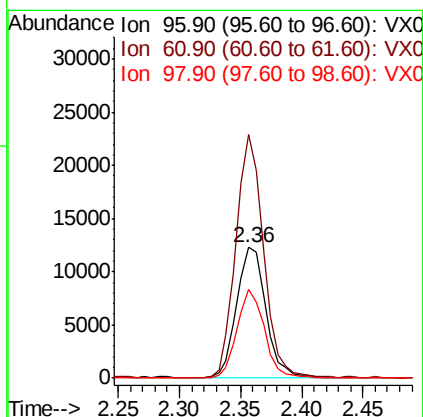
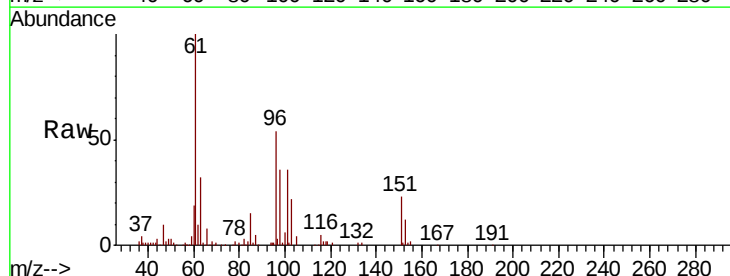
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

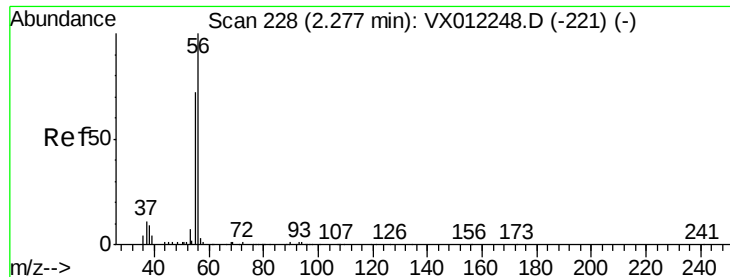
Tgt Ion: 59 Resp: 29957
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.6



#12
1,1-Dichloroethene
Concen: 21.897 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion: 96 Resp: 20536
Ion Ratio Lower Upper
96 100
61 185.9 142.2 213.2
98 67.6 51.3 76.9





#13

Acrolein

Concen: 91.015 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

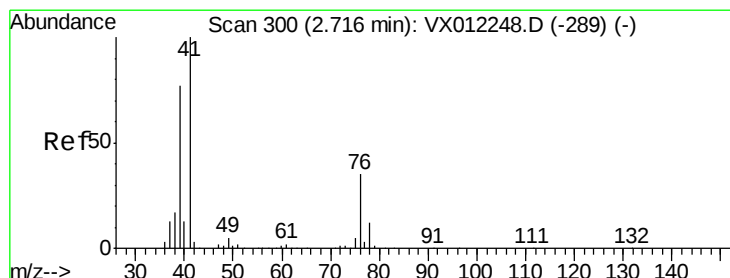
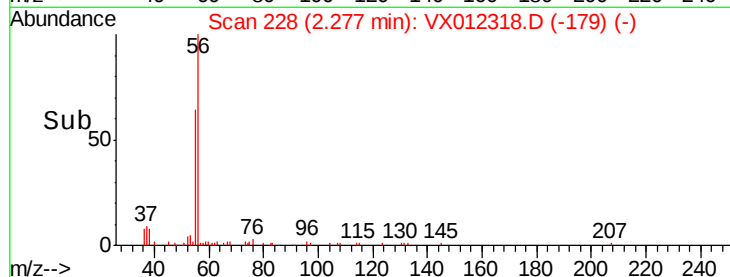
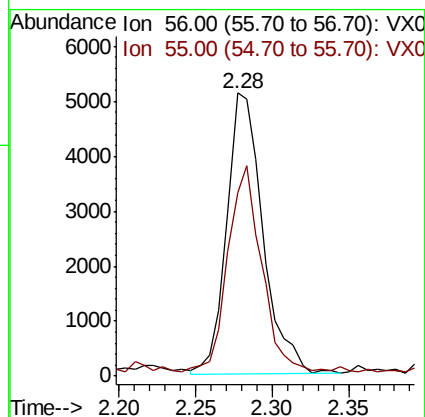
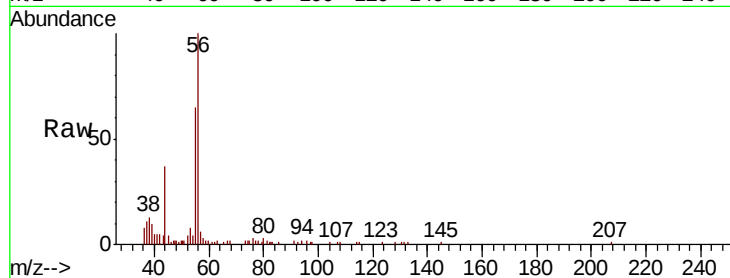
VX0911SBSD02

Tgt Ion: 56 Resp: 8337

Ion Ratio Lower Upper

56 100

55 67.9 59.8 89.6



#14

Allyl chloride

Concen: 20.683 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

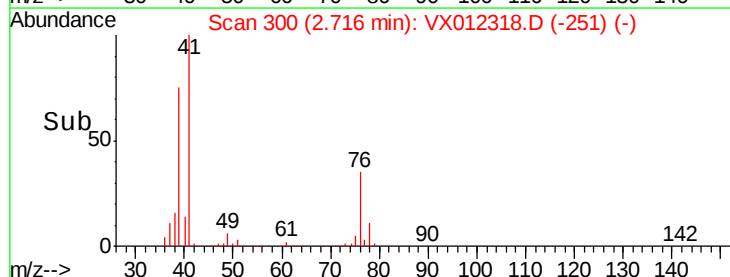
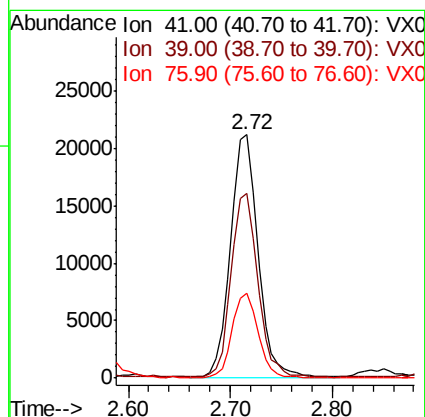
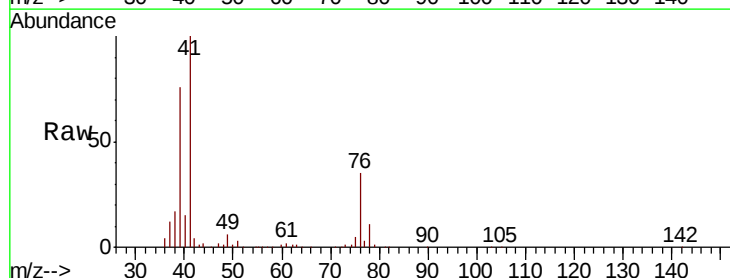
Tgt Ion: 41 Resp: 39548

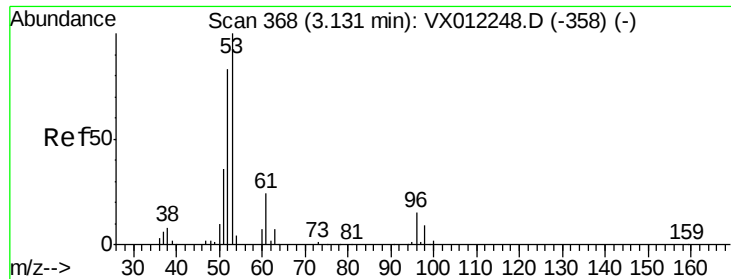
Ion Ratio Lower Upper

41 100

39 73.7 58.6 87.8

76 33.2 26.3 39.5





#15

Acrylonitrile

Concen: 117.543 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS02

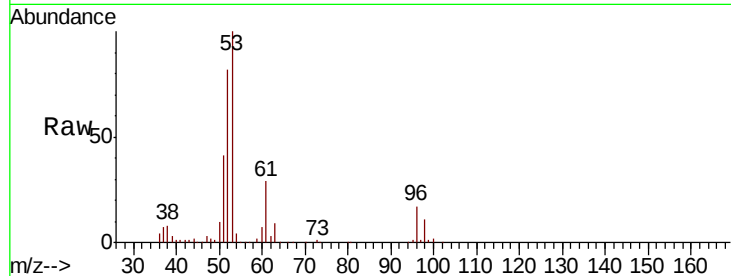
Tgt Ion: 53 Resp: 40639

Ion Ratio Lower Upper

53 100

52 81.3 66.8 100.2

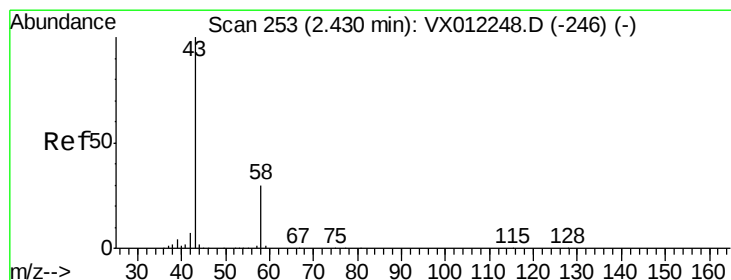
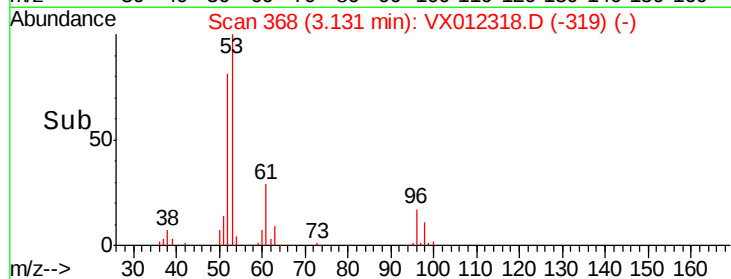
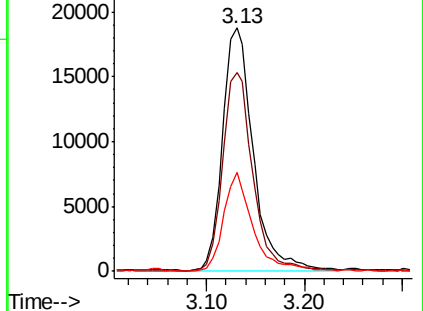
51 38.3 30.7 46.1



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: 93.142 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012318.D

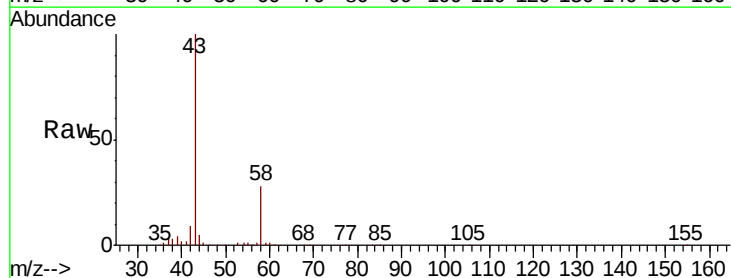
Acq: 11 Sep 2019 23:29

Tgt Ion: 43 Resp: 38637

Ion Ratio Lower Upper

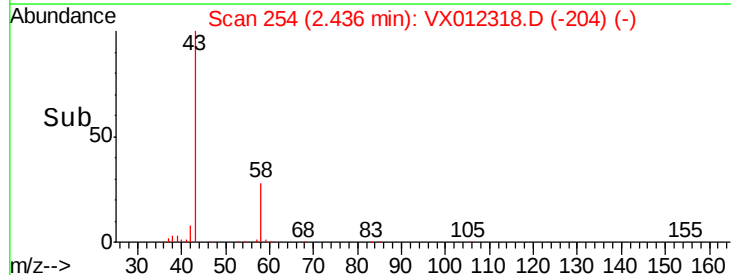
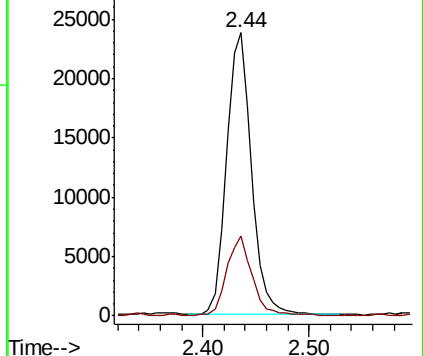
43 100

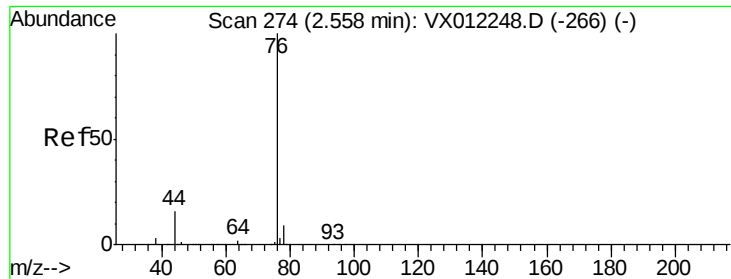
58 27.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

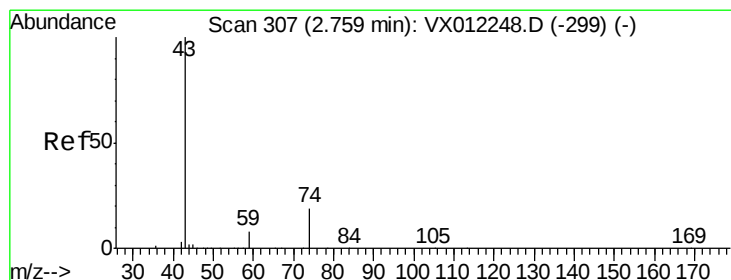
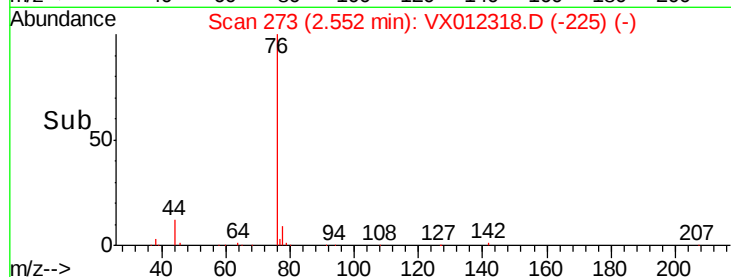
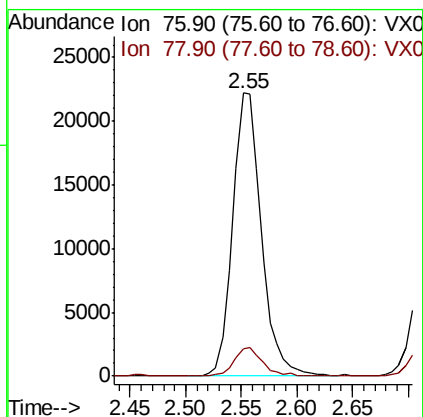
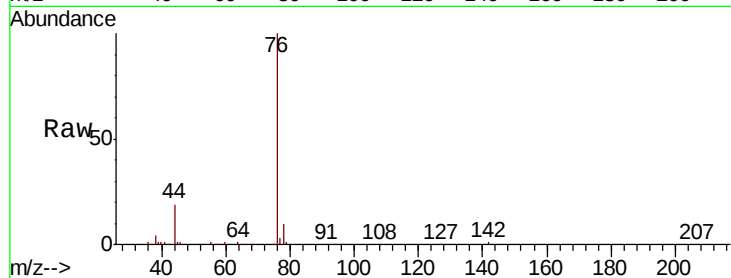




#17
Carbon Disulfide
Concen: 20.118 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

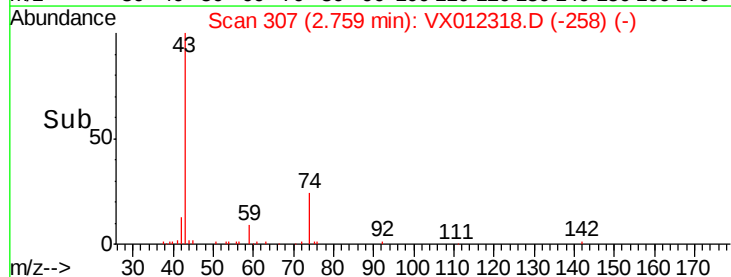
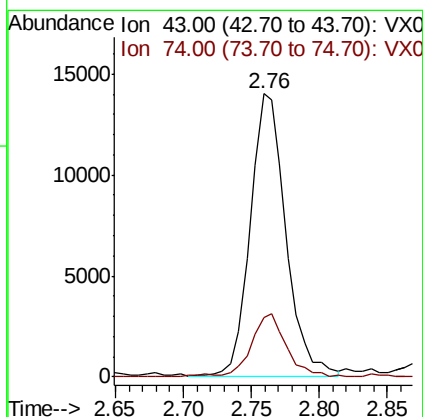
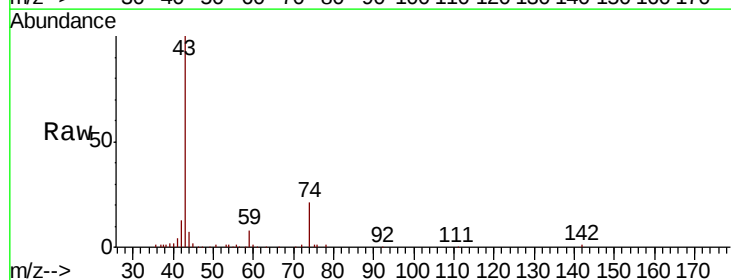
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

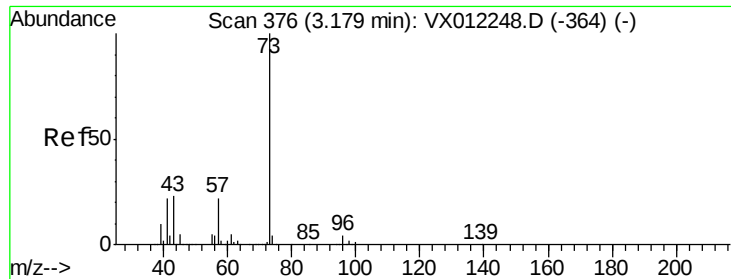
Tgt Ion: 76 Resp: 39620
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 29.710 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion: 43 Resp: 25904
Ion Ratio Lower Upper
43 100
74 21.5 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 21.851 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.01 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

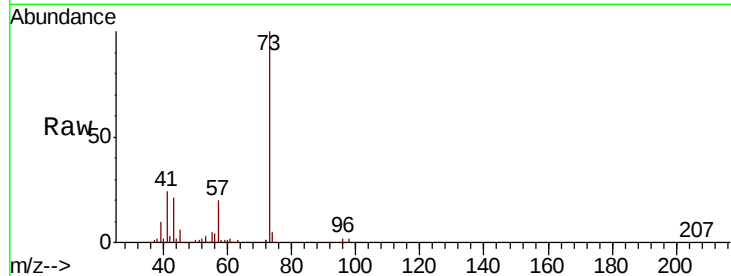
VX0911SBSD02

Tgt Ion: 73 Resp: 80931

Ion Ratio Lower Upper

73 100

57 19.7 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

40000

30000

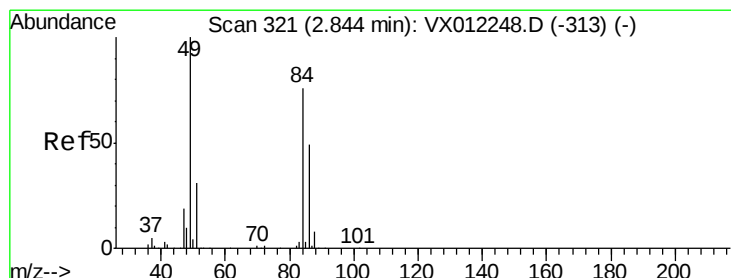
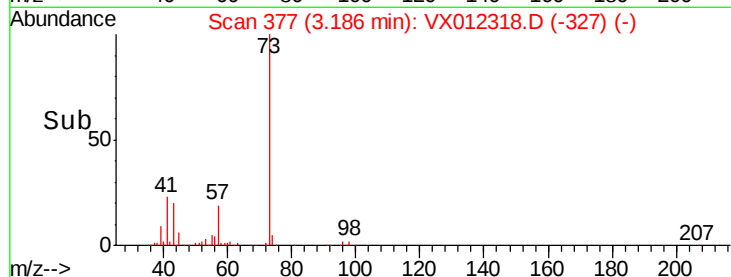
20000

10000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 23.241 ug/l

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Tgt Ion: 84 Resp: 31903

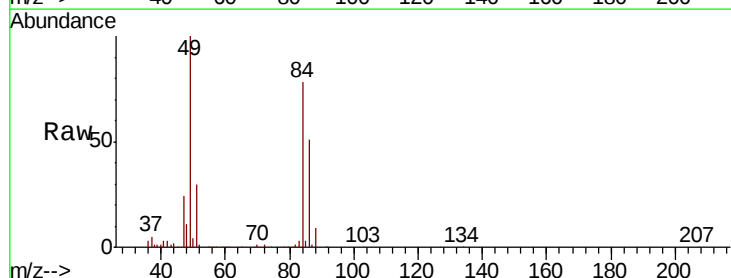
Ion Ratio Lower Upper

84 100

49 127.5 105.0 157.6

51 37.9 32.6 48.8

86 64.8 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

30000

25000

20000

15000

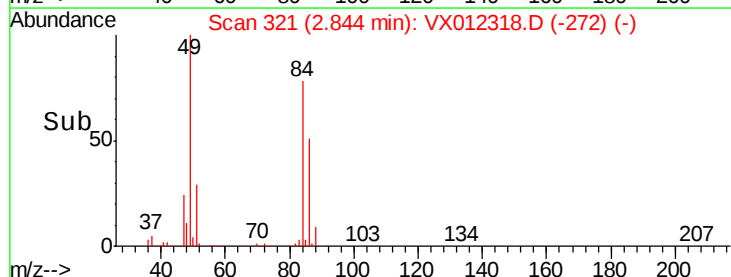
10000

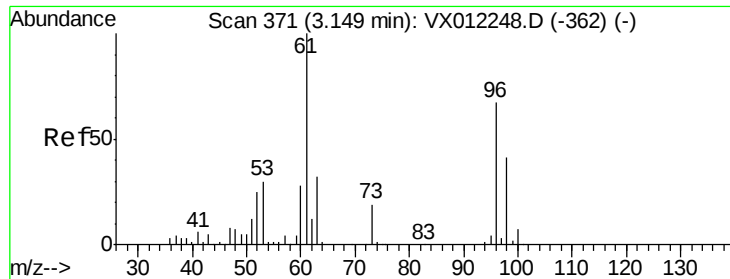
5000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 21.369 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS02

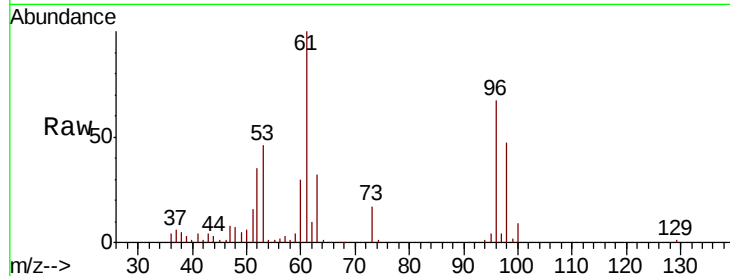
Tgt Ion: 96 Resp: 23910

Ion Ratio Lower Upper

96 100

61 149.5 119.4 179.2

98 70.5 48.4 72.6

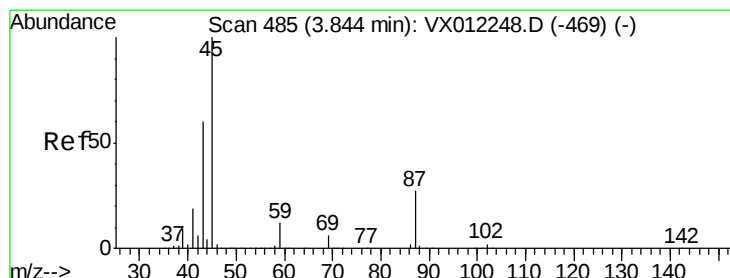
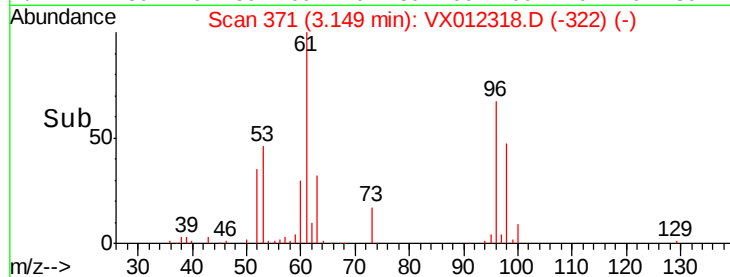
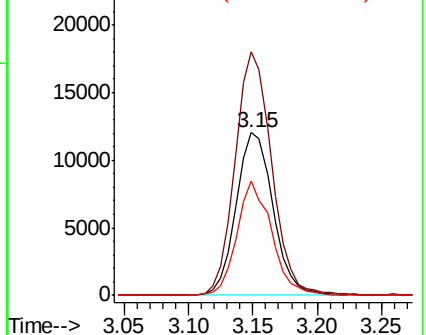


Abundance

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



#22

Diisopropyl ether

Concen: 21.410 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Tgt Ion: 45 Resp: 93624

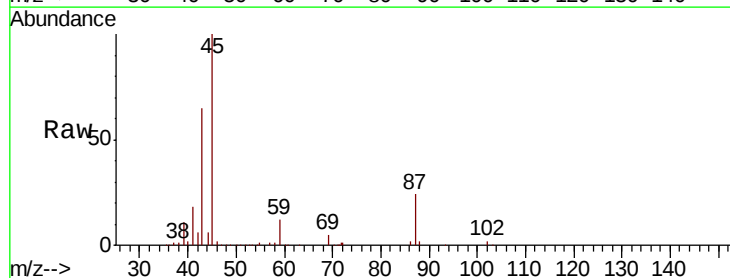
Ion Ratio Lower Upper

45 100

43 64.7 48.3 72.5

87 23.9 21.8 32.8

59 11.3 9.1 13.7



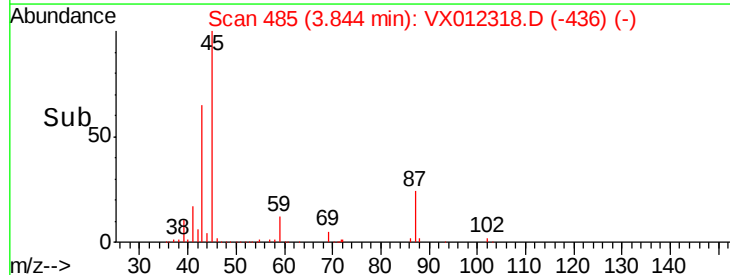
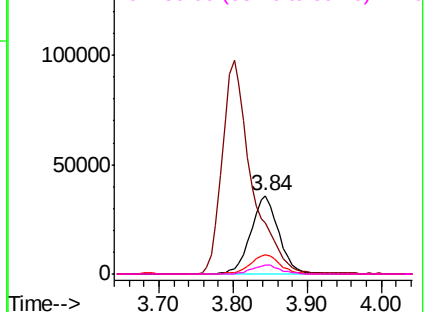
Abundance

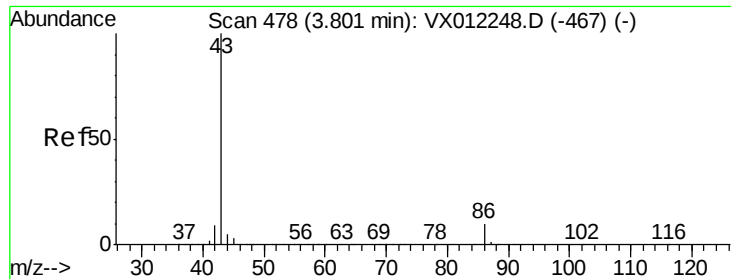
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.701 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

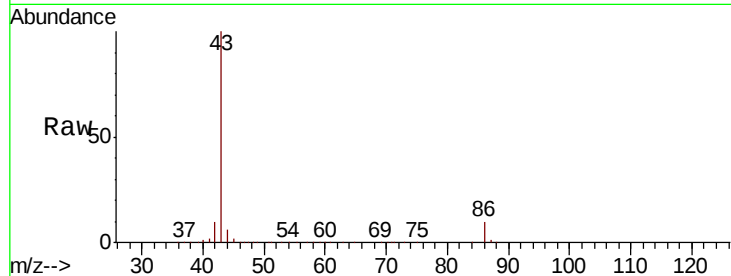
VX0911SBSD02

Tgt Ion: 43 Resp: 270174

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

100000

80000

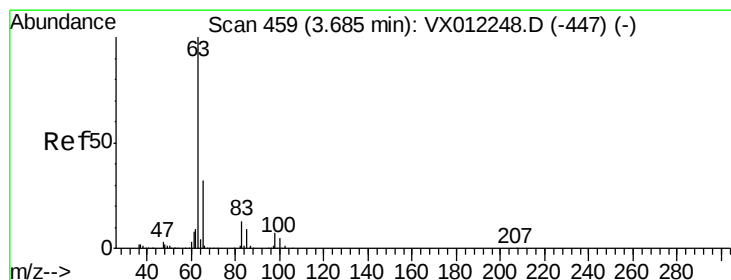
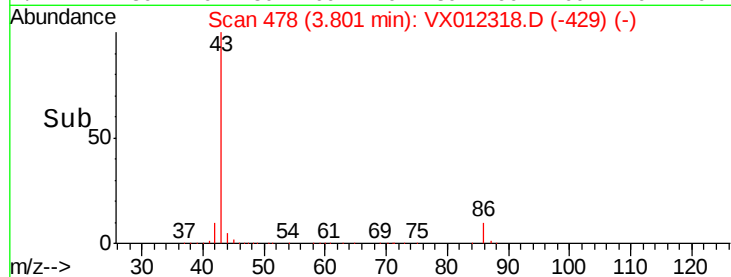
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.912 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

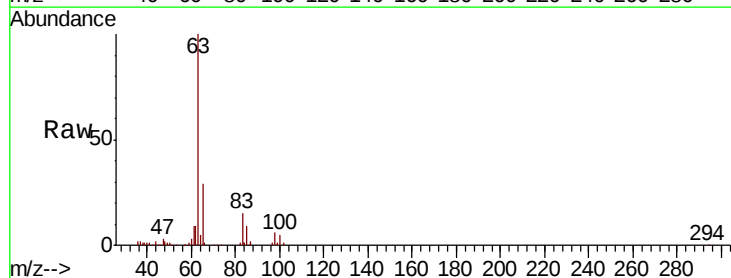
Tgt Ion: 63 Resp: 51326

Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.1

100 5.2 2.4 7.2



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

3.69

25000

20000

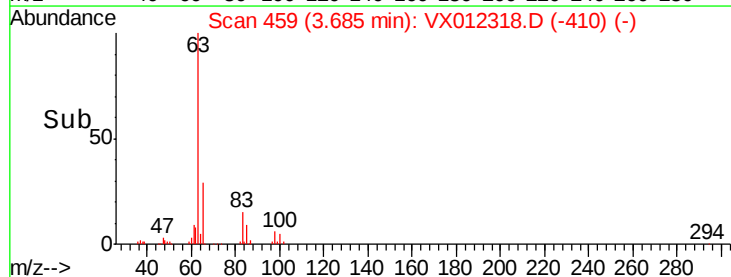
15000

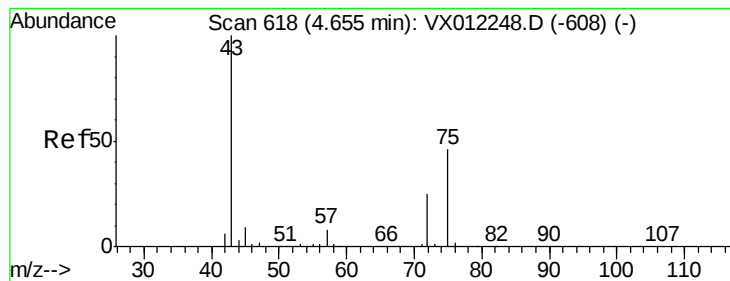
10000

5000

0

Time-->





#25

2-Butanone

Concen: 107.987 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

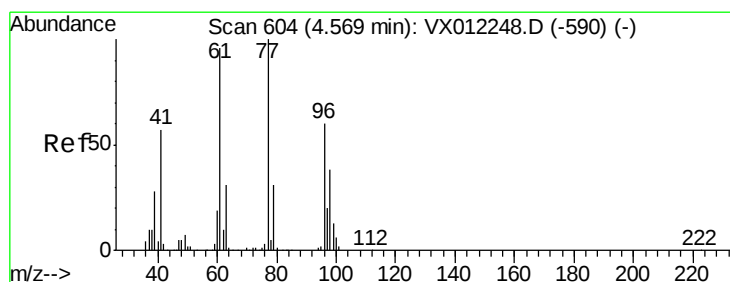
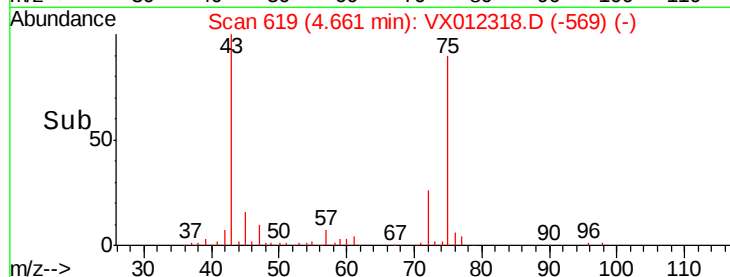
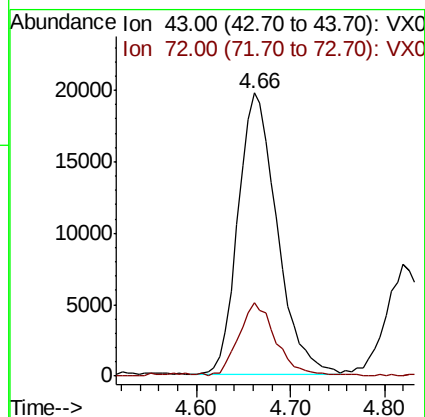
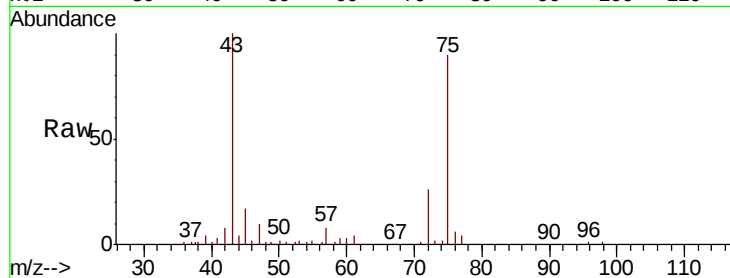
VX0911SBS02

Tgt Ion: 43 Resp: 57264

Ion Ratio Lower Upper

43 100

72 25.5 20.2 30.2



#26

2,2-Dichloropropane

Concen: 17.782 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012318.D

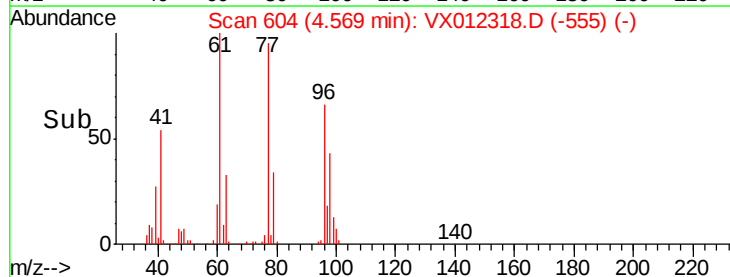
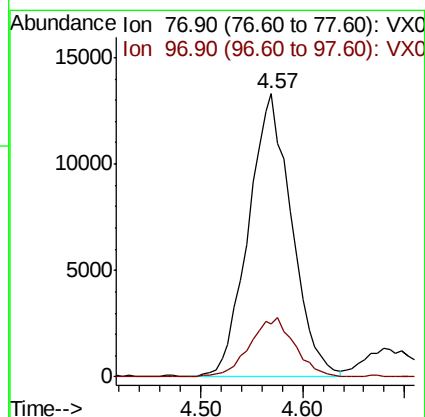
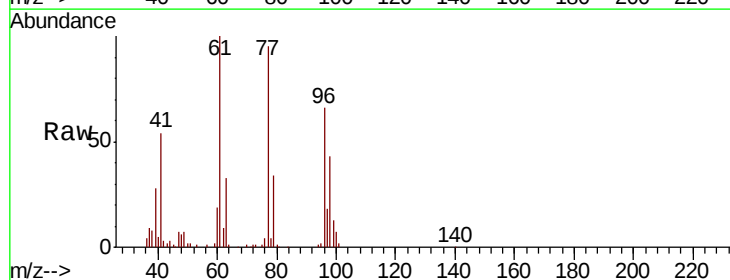
Acq: 11 Sep 2019 23:29

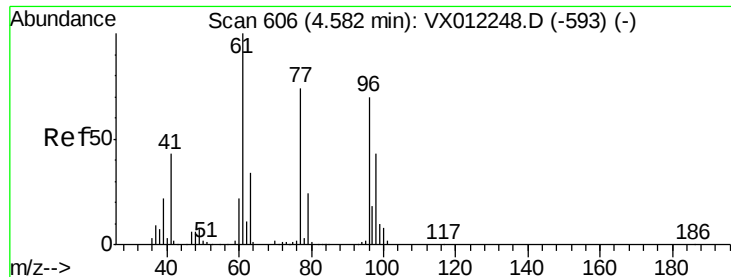
Tgt Ion: 77 Resp: 39105

Ion Ratio Lower Upper

77 100

97 21.5 10.7 32.1



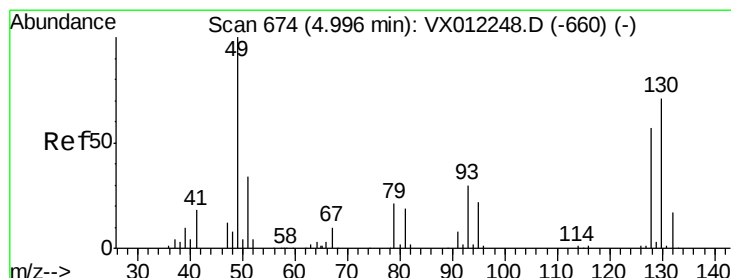
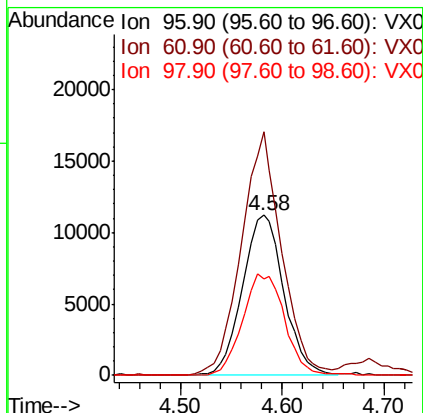
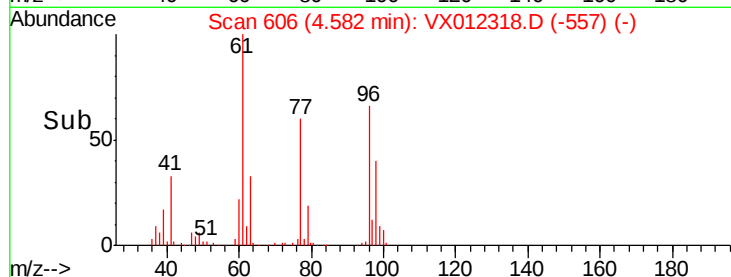
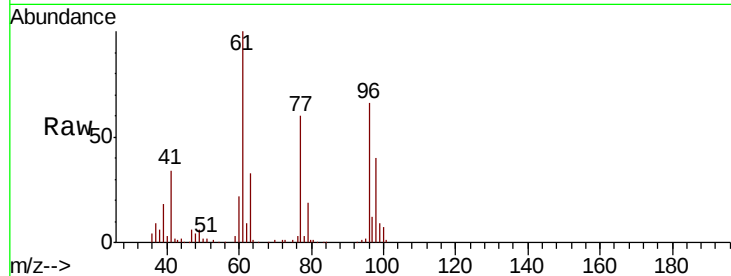


#27

cis-1,2-Dichloroethene
 Concen: 21.927 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS02

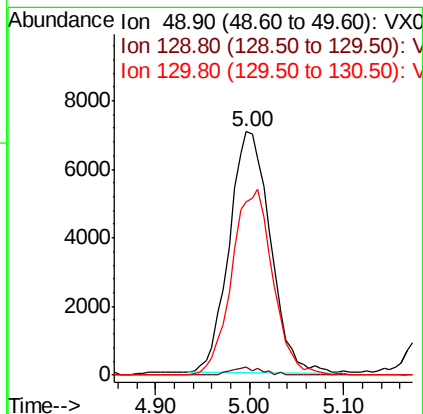
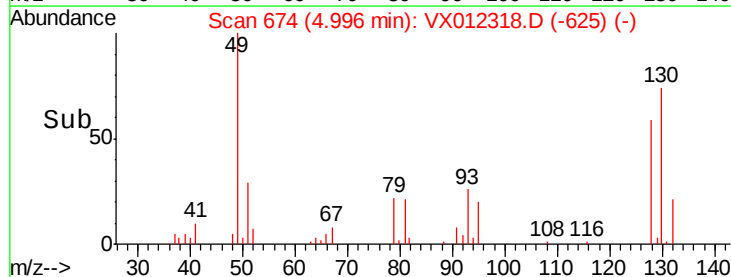
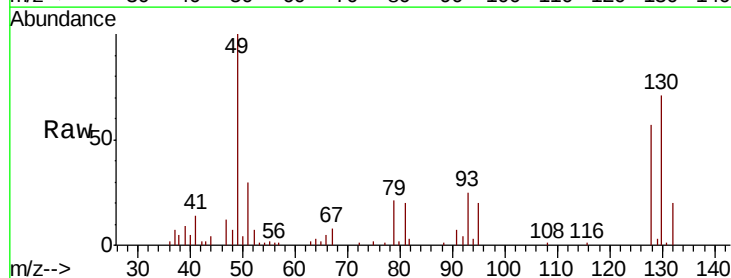
Tgt Ion: 96 Resp: 31675
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 310.4
 98 64.2 0.0 128.8

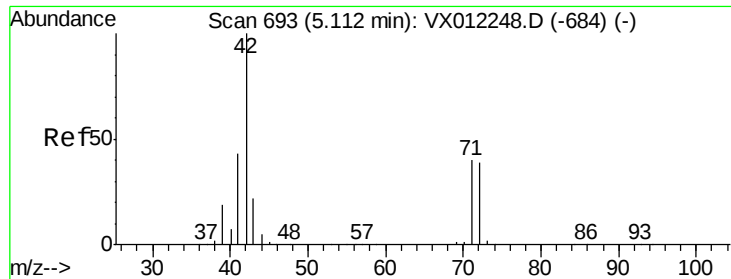


#28

Bromochloromethane
 Concen: 19.586 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Tgt Ion: 49 Resp: 21516
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 76.5 60.1 90.1





#29

Tetrahydrofuran

Concen: 120.974 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD02

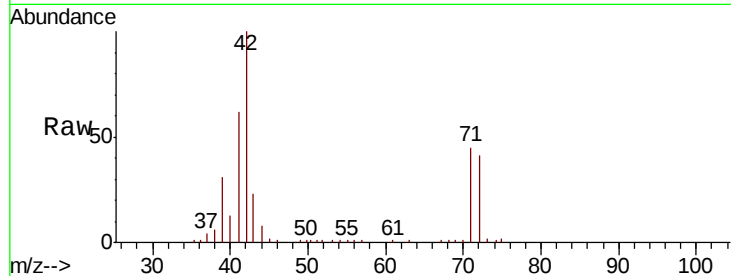
Tgt Ion: 42 Resp: 34612

Ion Ratio Lower Upper

42 100

72 44.2 35.2 52.8

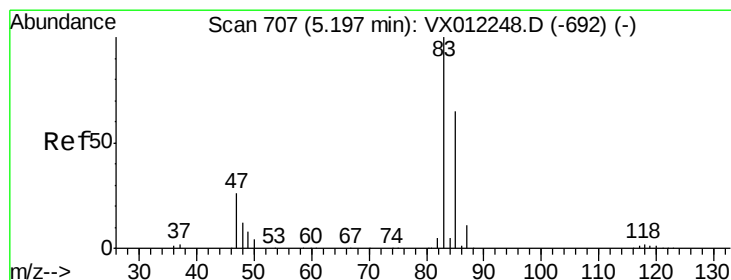
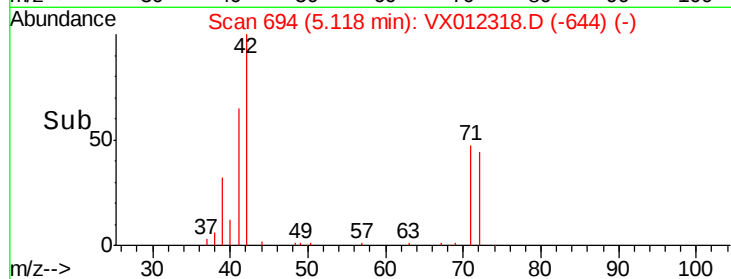
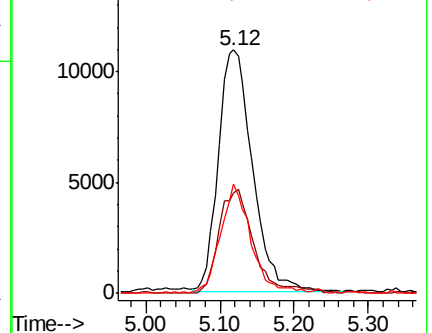
71 40.5 32.5 48.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.535 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX012318.D

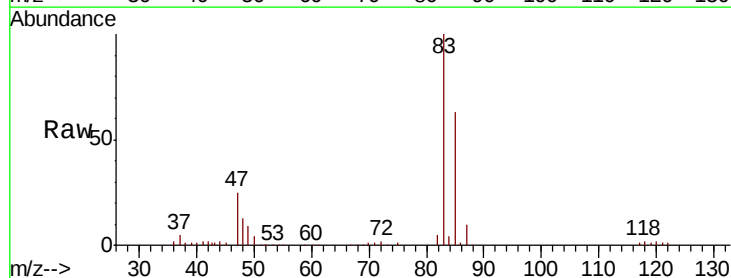
Acq: 11 Sep 2019 23:29

Tgt Ion: 83 Resp: 56880

Ion Ratio Lower Upper

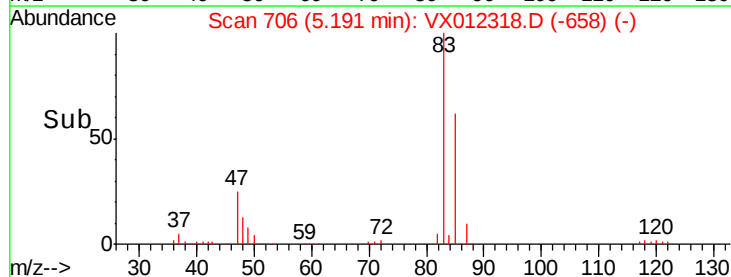
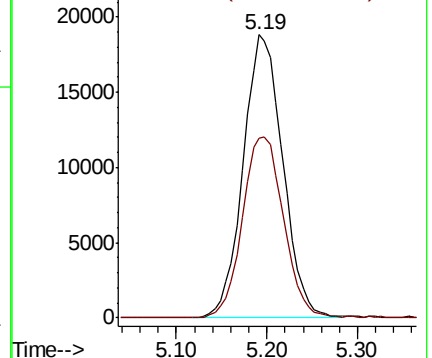
83 100

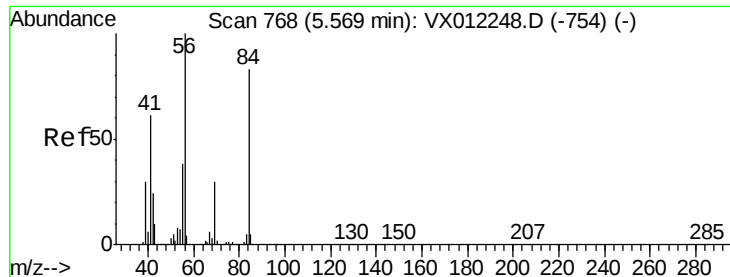
85 63.3 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

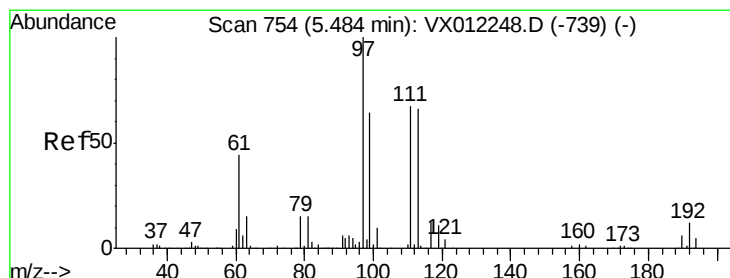
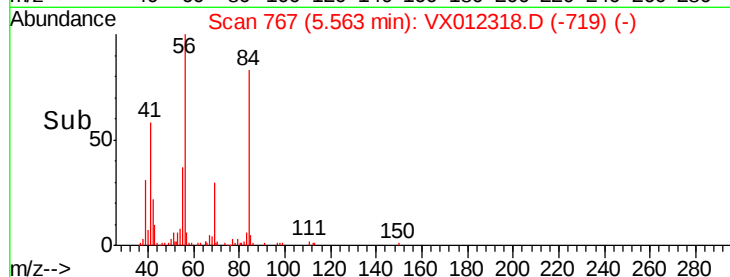
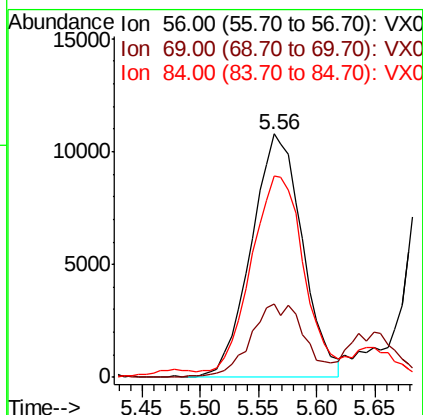
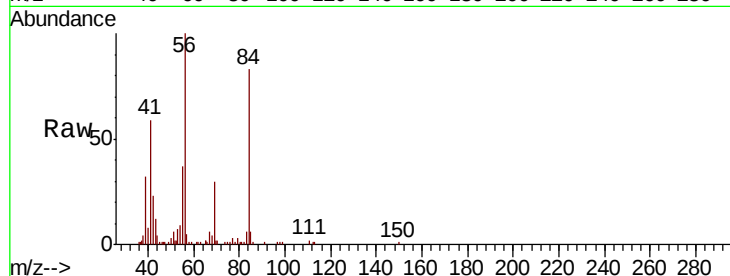




#31
Cyclohexane
Concen: 20.181 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

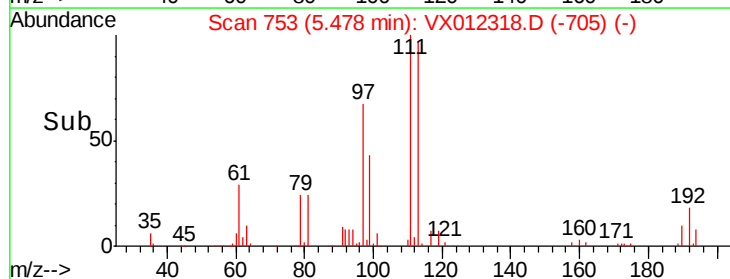
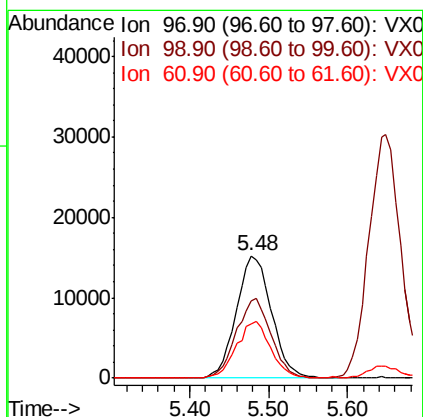
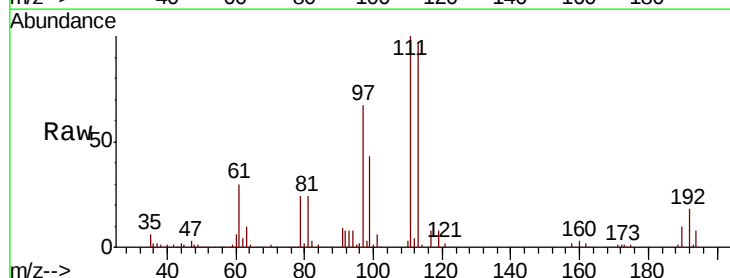
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

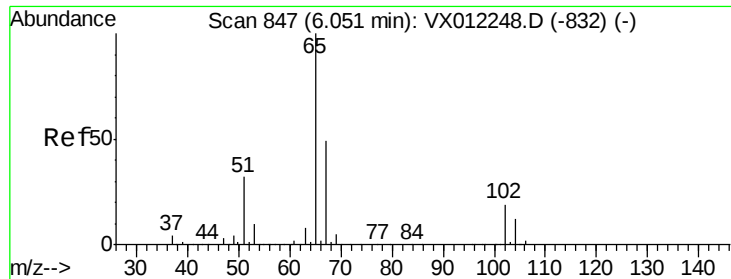
Tgt Ion: 56 Resp: 32836
Ion Ratio Lower Upper
56 100
69 28.6 23.8 35.6
84 79.8 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 20.739 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion: 97 Resp: 47036
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 45.1 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 49.889 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

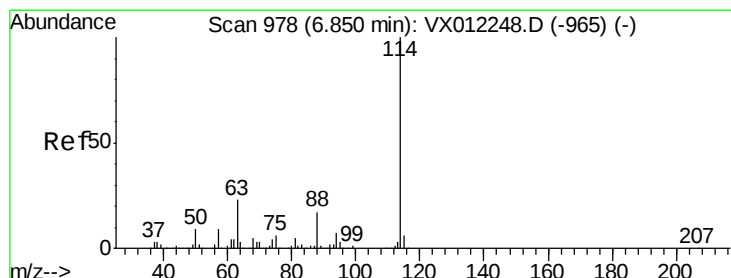
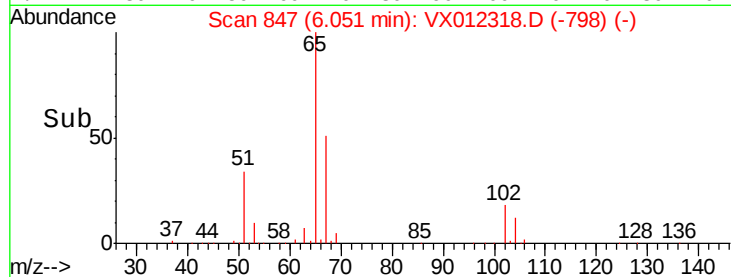
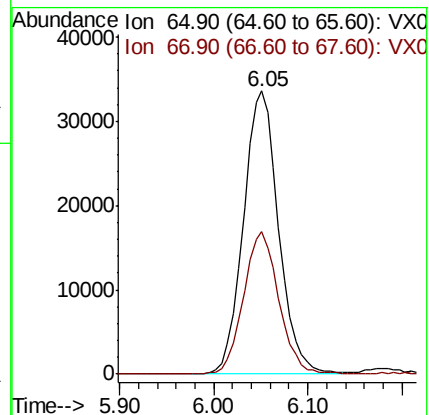
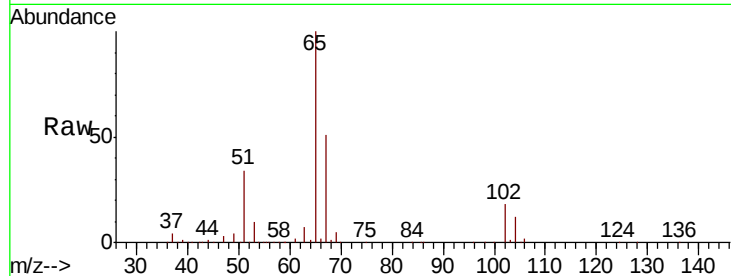
VX0911SBSD02

Tgt Ion: 65 Resp: 87420

Ion Ratio Lower Upper

65 100

67 51.0 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

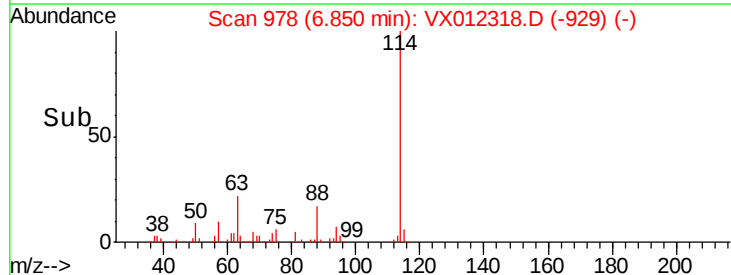
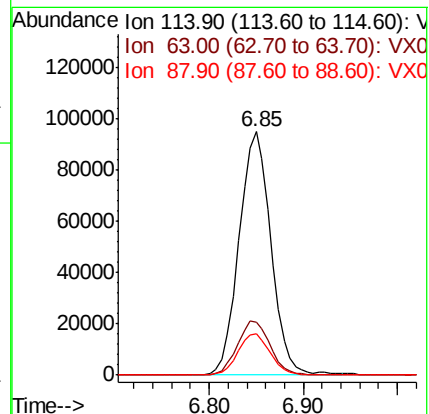
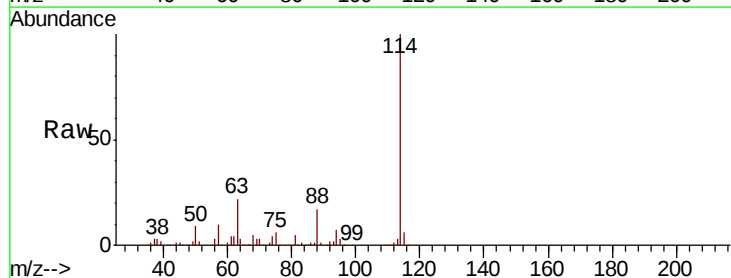
Tgt Ion: 114 Resp: 224120

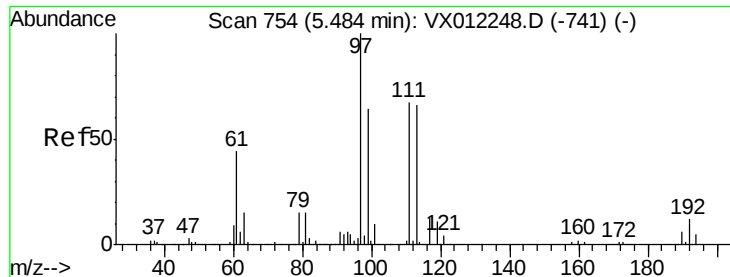
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

88 17.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.205 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS02

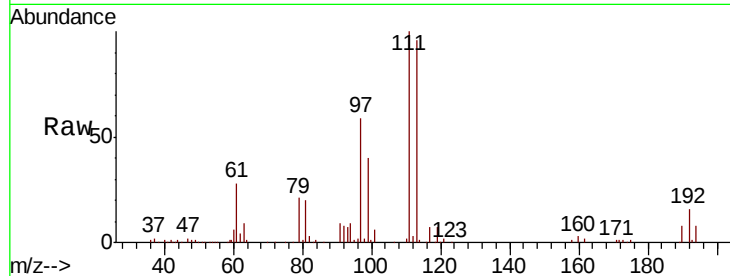
Tgt Ion:113 Resp: 69257

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

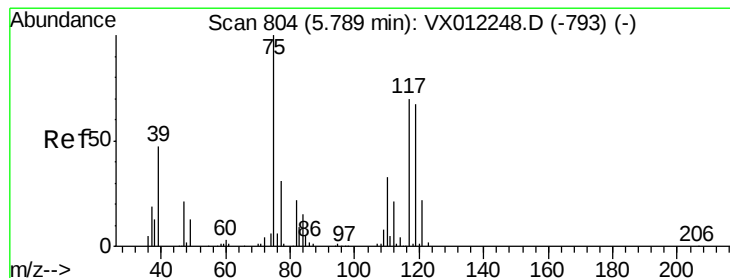
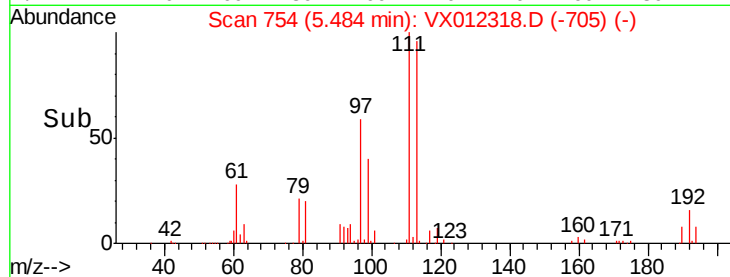
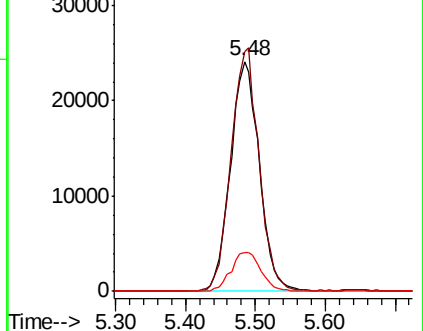
192 17.7 14.3 21.5



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: 19.734 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

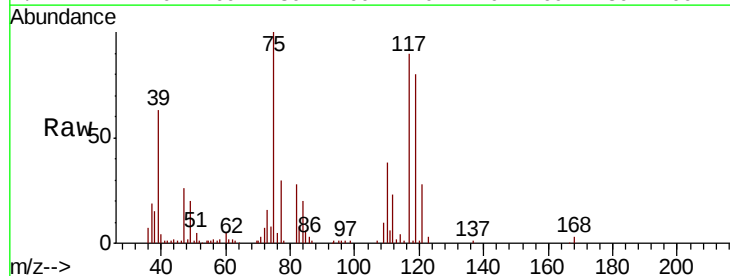
Tgt Ion: 75 Resp: 32250

Ion Ratio Lower Upper

75 100

110 37.7 16.8 50.4

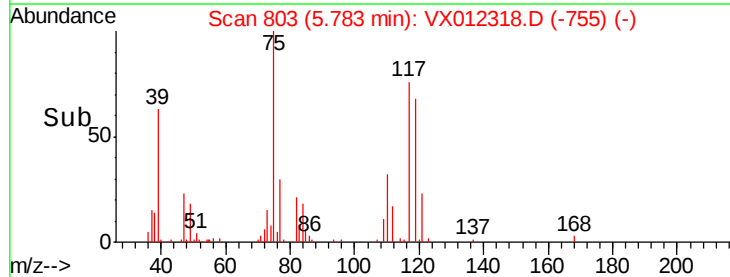
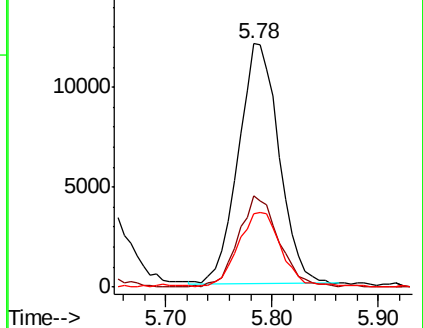
77 33.4 24.5 36.7



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

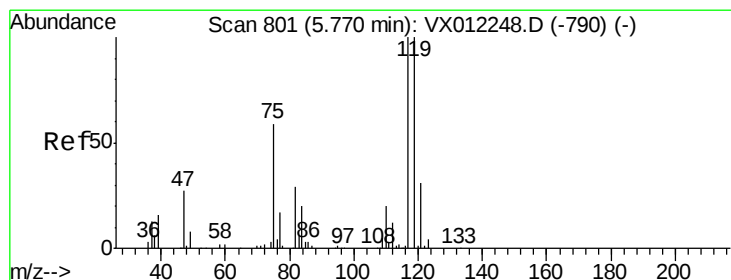
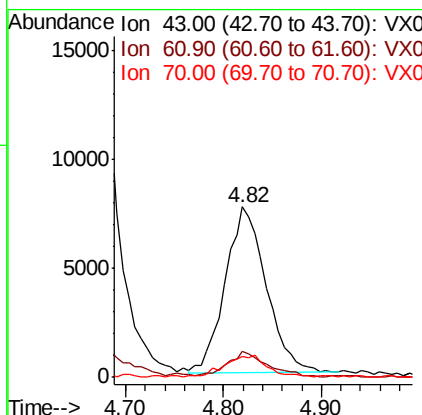
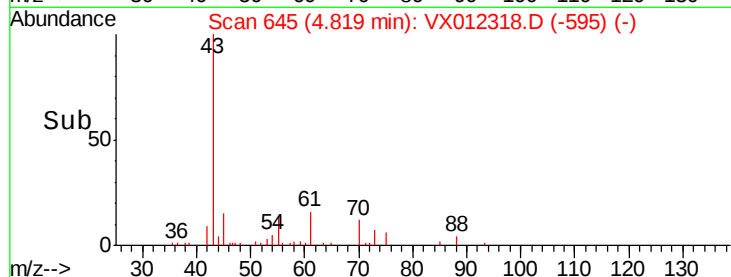
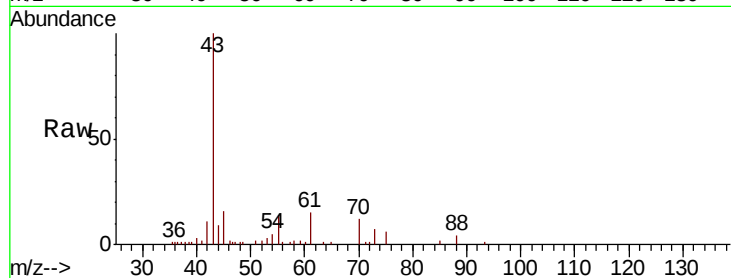




#37
Ethyl Acetate
Concen: 21.987 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

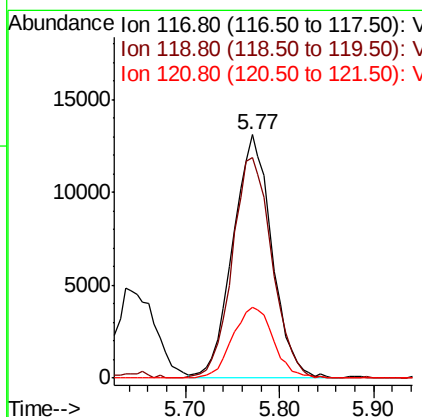
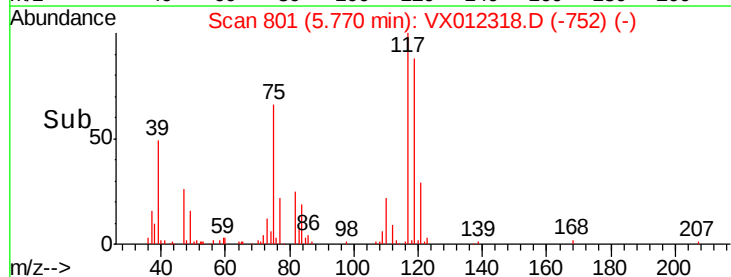
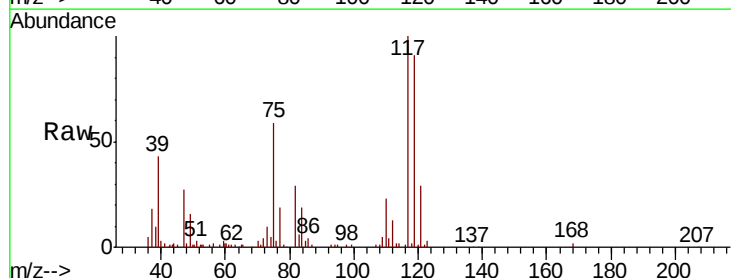
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

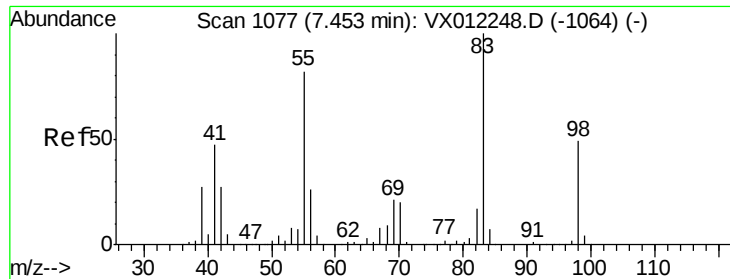
Tgt Ion: 43 Resp: 22211
Ion Ratio Lower Upper
43 100
61 15.7 10.3 15.5#
70 13.7 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 19.773 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion: 117 Resp: 37911
Ion Ratio Lower Upper
117 100
119 90.6 79.6 119.4
121 29.1 24.7 37.1

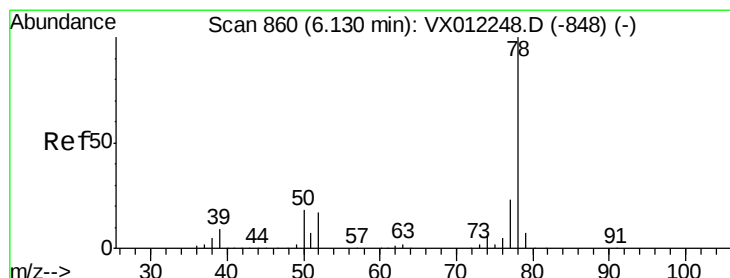
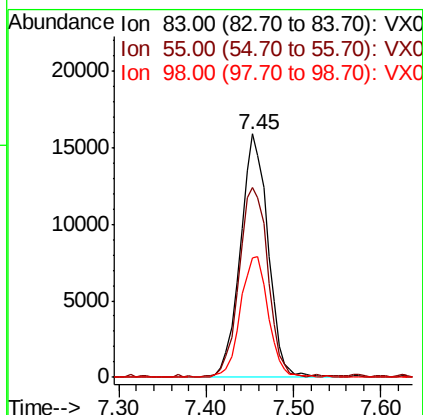
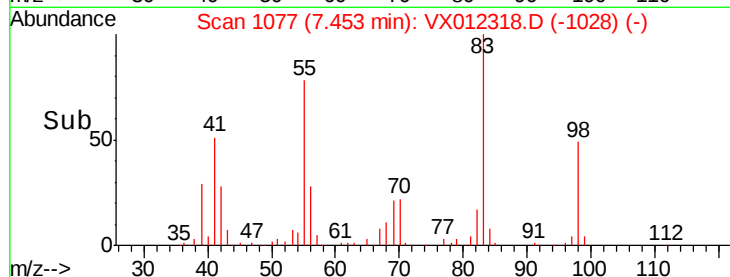
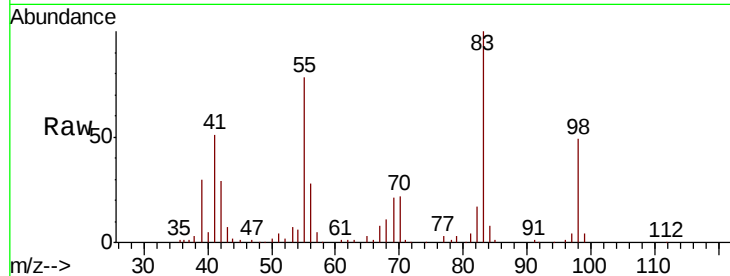




#39
Methylcyclohexane
Concen: 19.431 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

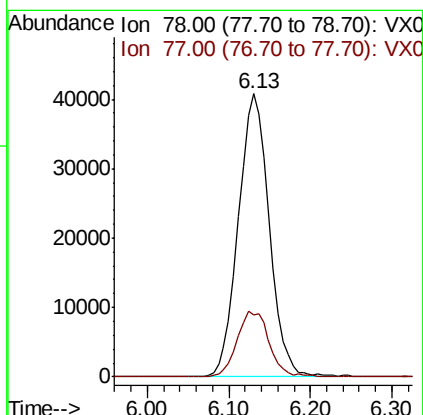
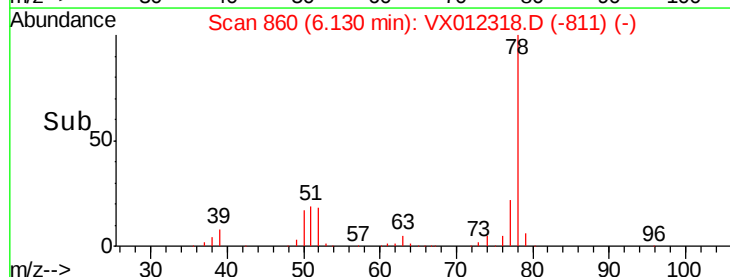
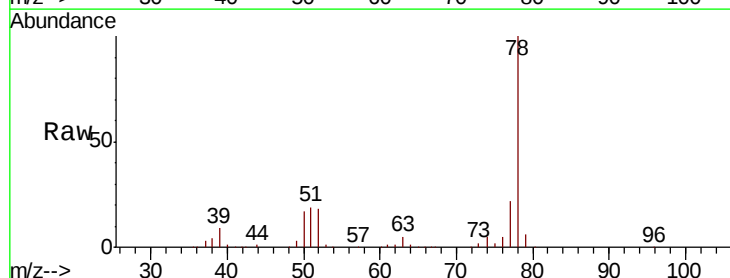
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS02

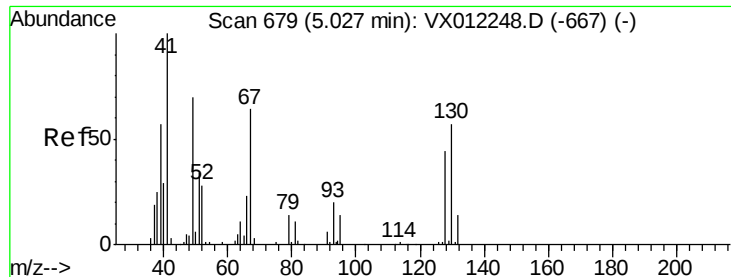
Tgt Ion: 83 Resp: 34848
Ion Ratio Lower Upper
83 100
55 77.7 65.4 98.2
98 49.0 39.6 59.4



#40
Benzene
Concen: 21.698 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion: 78 Resp: 107321
Ion Ratio Lower Upper
78 100
77 22.0 18.0 27.0





#41

Methacrylonitrile

Concen: 23.127 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD02

Tgt Ion: 41 Resp: 14403

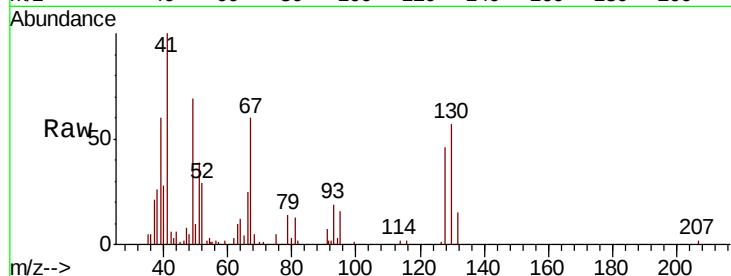
Ion Ratio Lower Upper

41 100

39 59.6 49.0 73.4

67 66.6 55.0 82.4

52 33.5 25.4 38.0

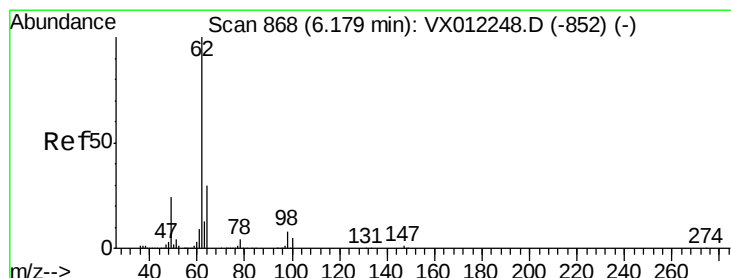
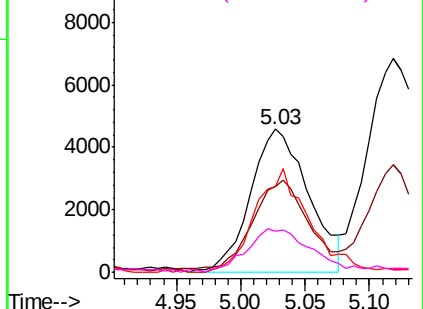
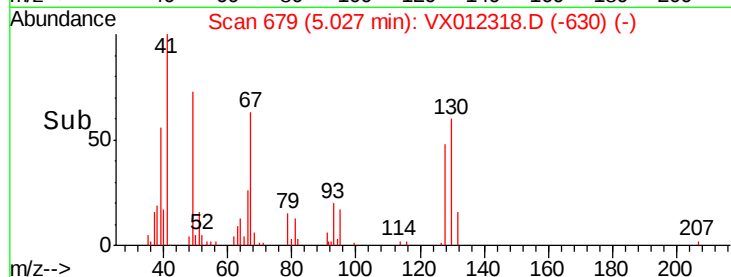


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.859 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX012318.D

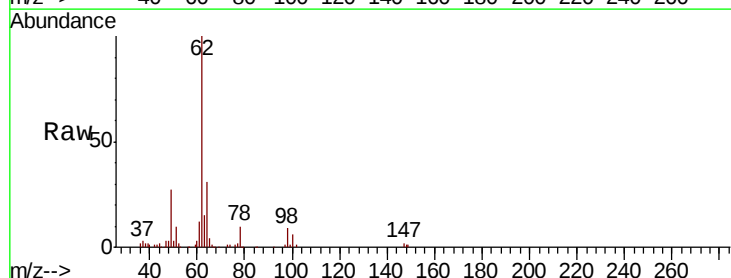
Acq: 11 Sep 2019 23:29

Tgt Ion: 62 Resp: 40777

Ion Ratio Lower Upper

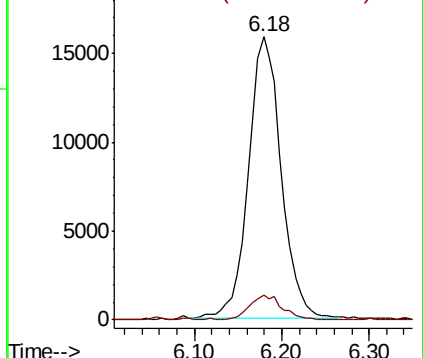
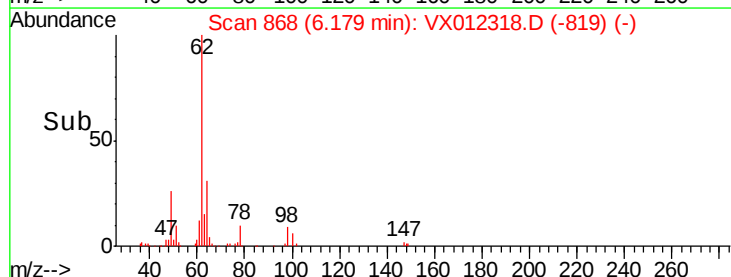
62 100

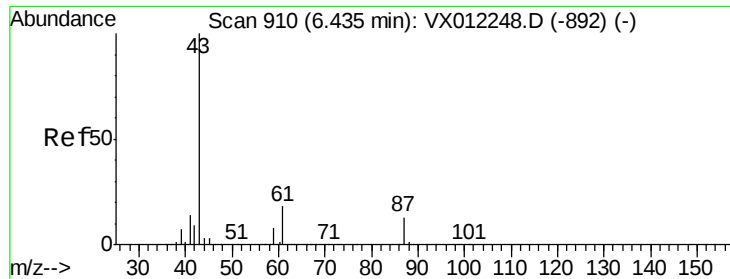
98 8.7 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.258 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS02

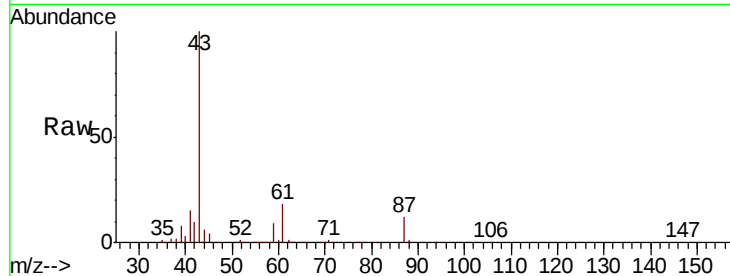
Tgt Ion: 43 Resp: 45277

Ion Ratio Lower Upper

43 100

61 20.2 15.4 23.2

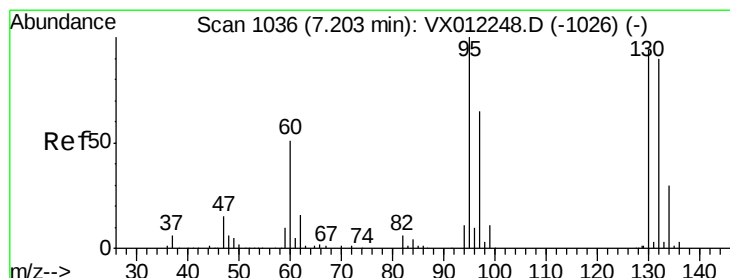
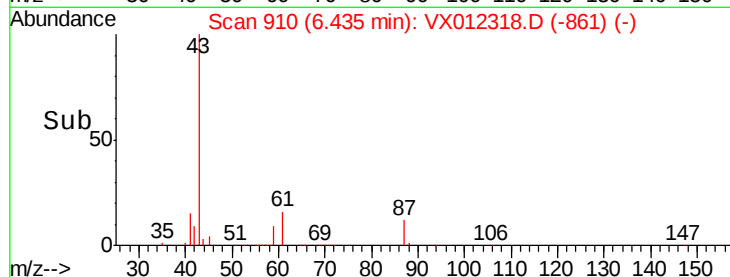
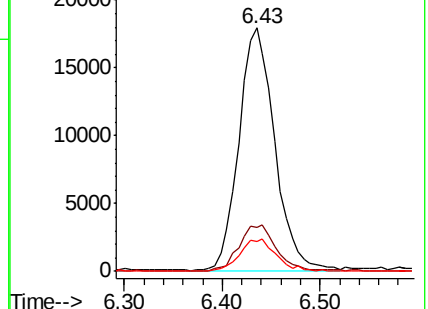
87 13.4 10.5 15.7



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: 21.381 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012318.D

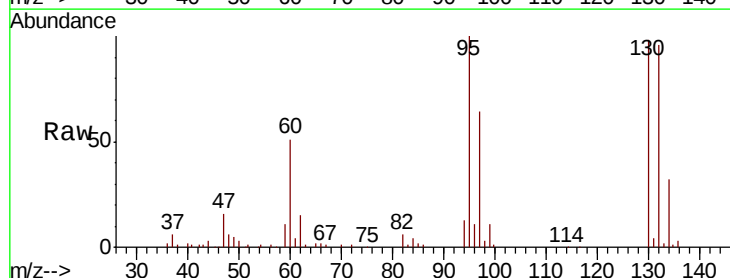
Acq: 11 Sep 2019 23:29

Tgt Ion: 130 Resp: 28620

Ion Ratio Lower Upper

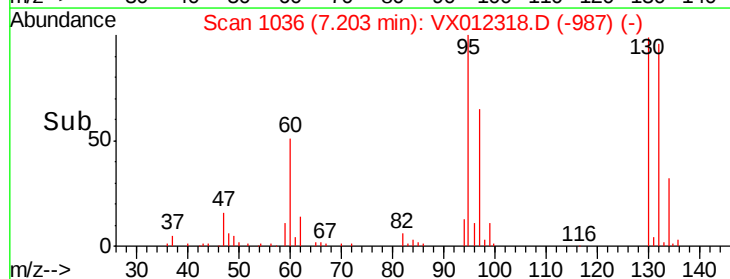
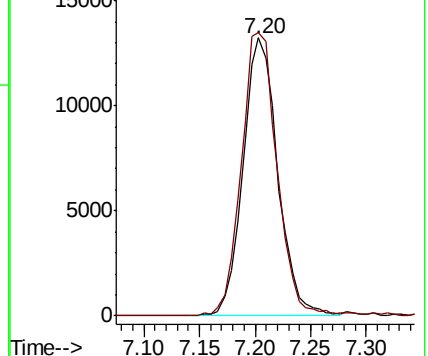
130 100

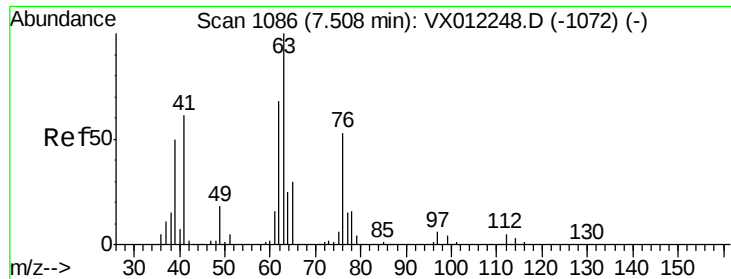
95 101.9 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.400 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

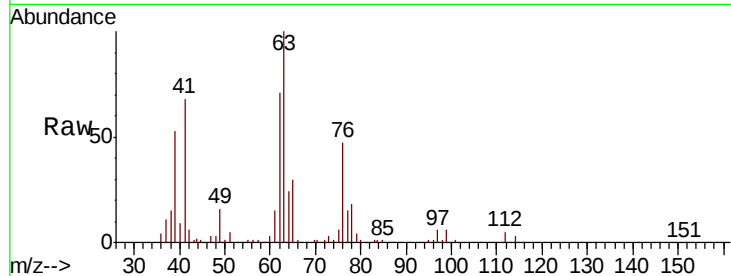
VX0911SBS02

Tgt Ion: 63 Resp: 29298

Ion Ratio Lower Upper

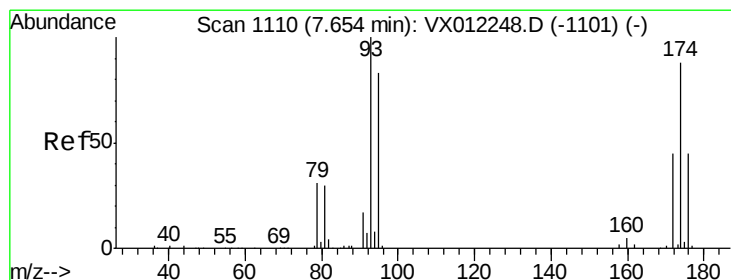
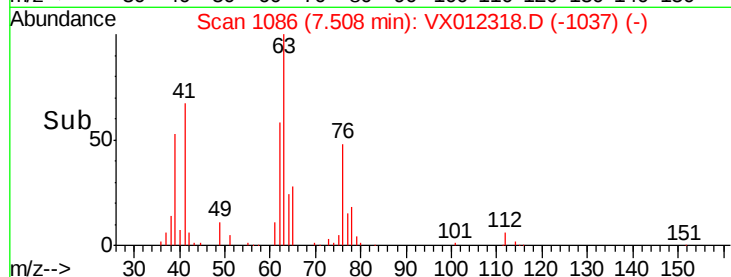
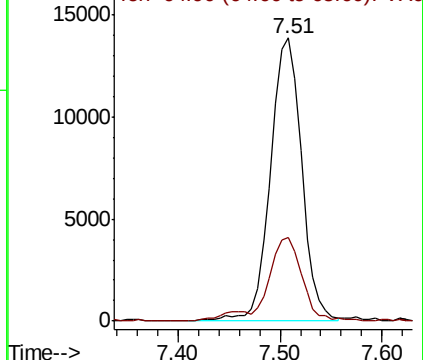
63 100

65 29.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.790 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

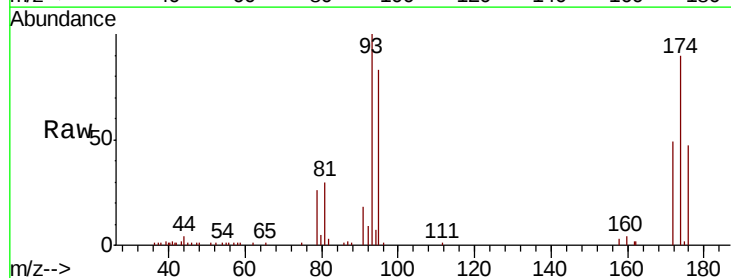
Tgt Ion: 93 Resp: 16304

Ion Ratio Lower Upper

93 100

95 83.3 65.7 98.5

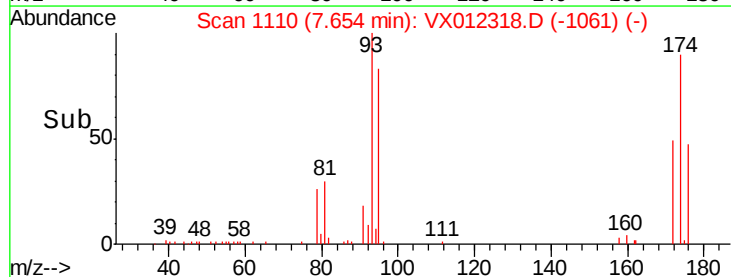
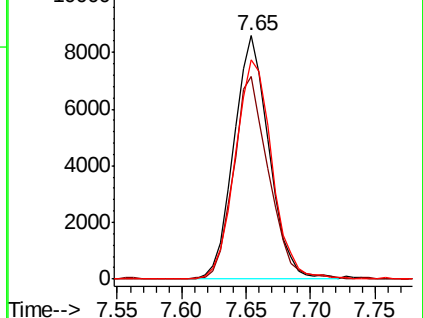
174 94.1 71.0 106.4

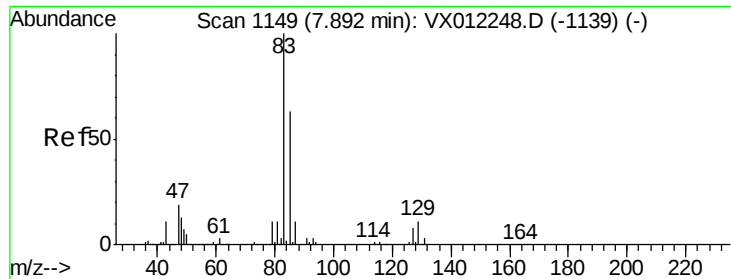


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.089 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD02

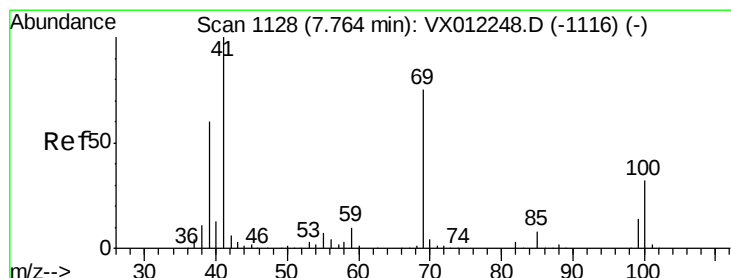
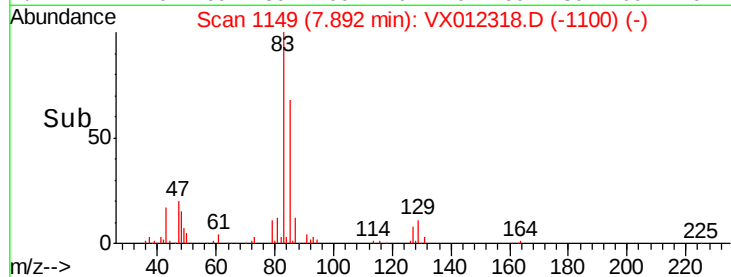
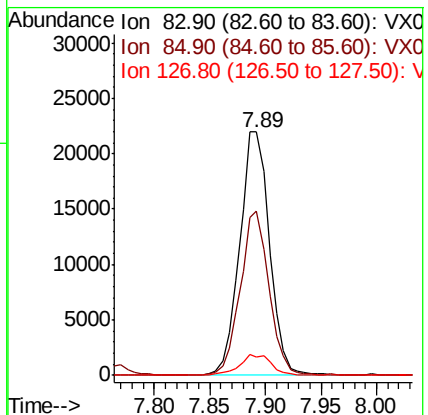
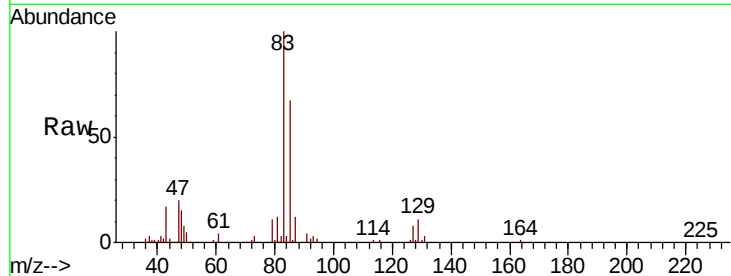
Tgt Ion: 83 Resp: 41020

Ion Ratio Lower Upper

83 100

85 67.4 50.2 75.4

127 7.7 6.3 9.5



#48

Methyl methacrylate

Concen: 21.729 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

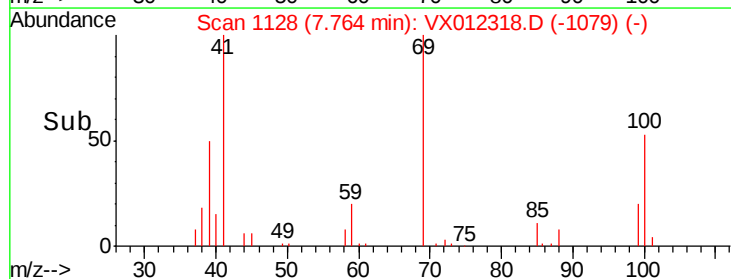
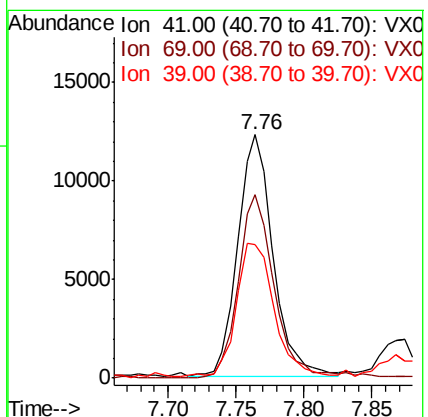
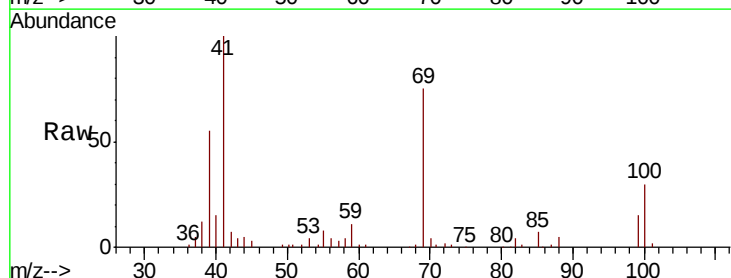
Tgt Ion: 41 Resp: 22152

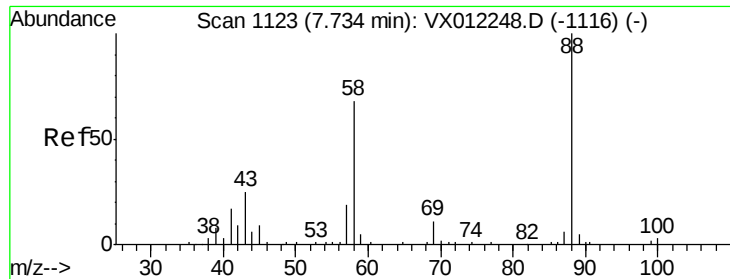
Ion Ratio Lower Upper

41 100

69 78.4 61.8 92.6

39 60.2 48.6 73.0

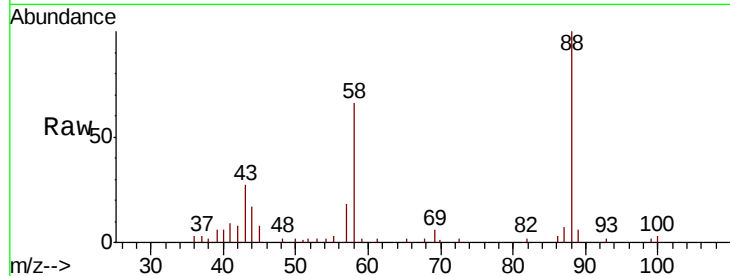




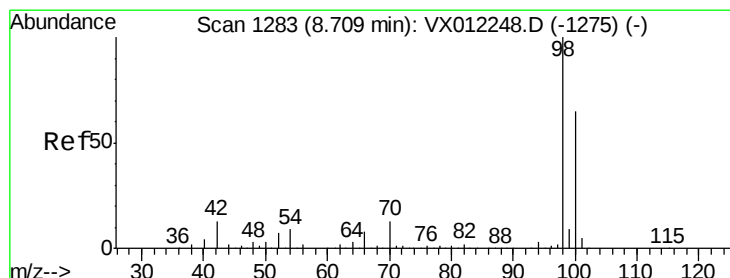
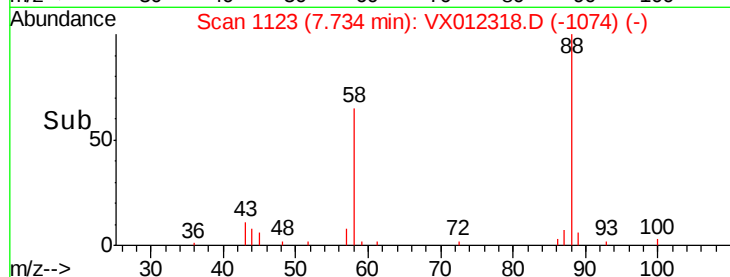
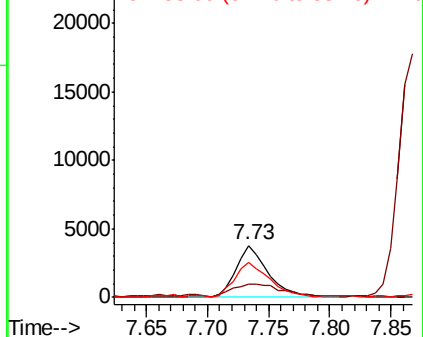
#49
1,4-Dioxane
Concen: 499.913 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

Tgt Ion: 88 Resp: 6877
Ion Ratio Lower Upper
88 100
43 38.3 31.0 46.4
58 73.0 61.5 92.3

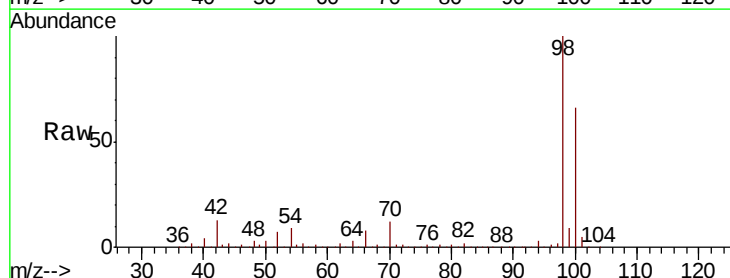


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

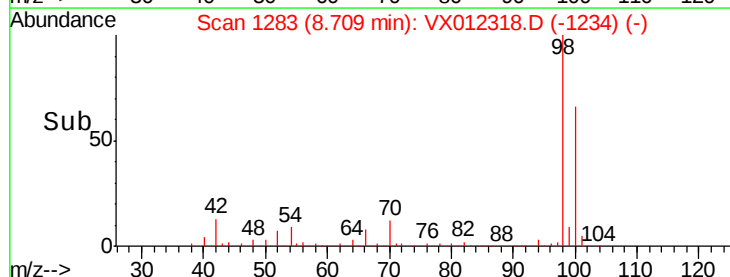
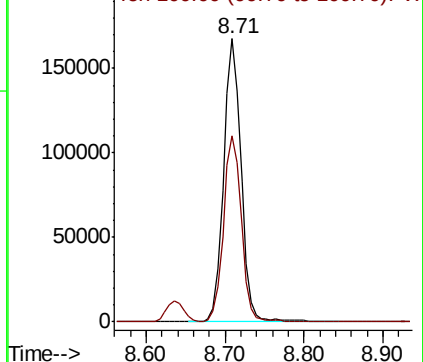


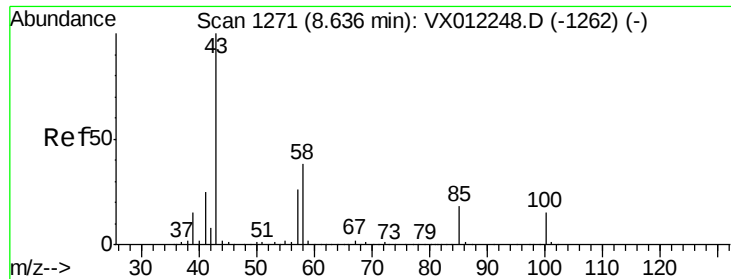
#50
Toluene-d8
Concen: 51.175 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion: 98 Resp: 257873
Ion Ratio Lower Upper
98 100
100 67.1 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 113.540 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

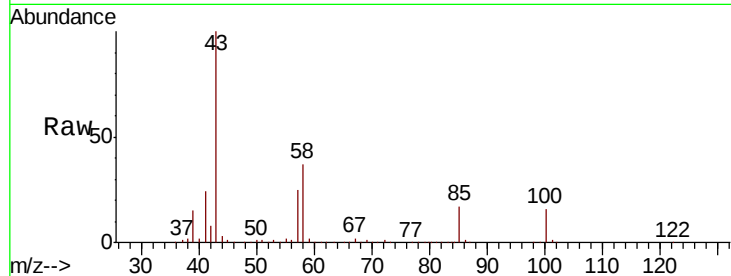
VX0911SBSD02

Tgt Ion: 43 Resp: 127627

Ion Ratio Lower Upper

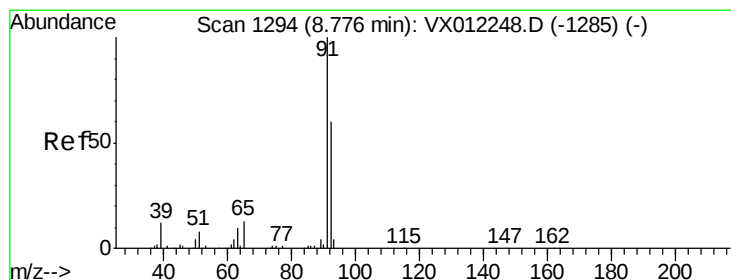
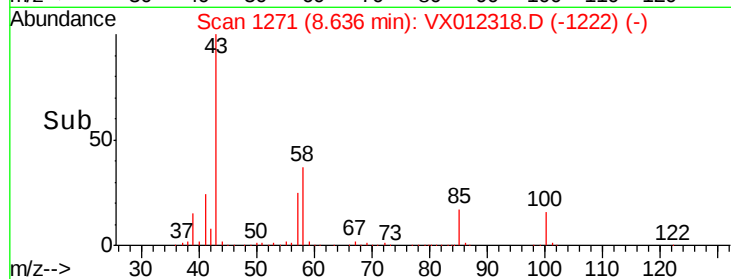
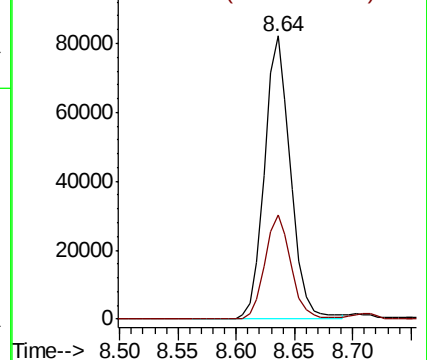
43 100

58 37.0 30.1 45.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.063 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX012318.D

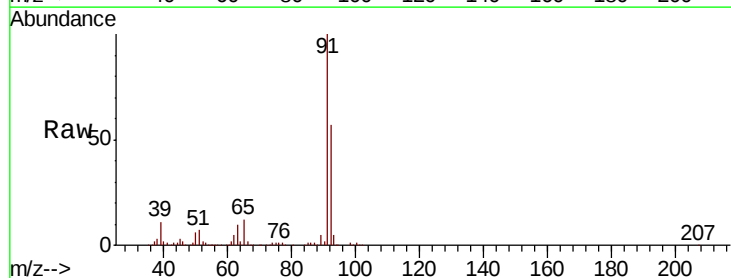
Acq: 11 Sep 2019 23:29

Tgt Ion: 92 Resp: 68813

Ion Ratio Lower Upper

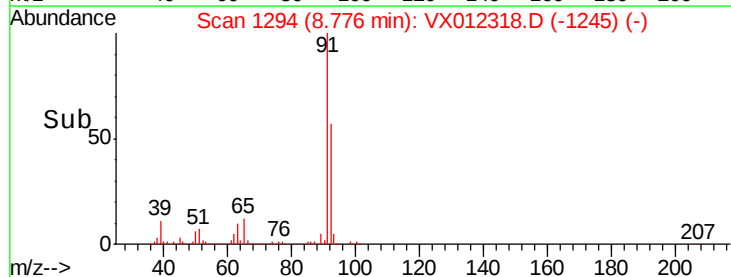
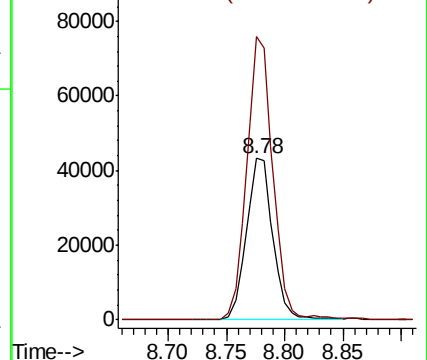
92 100

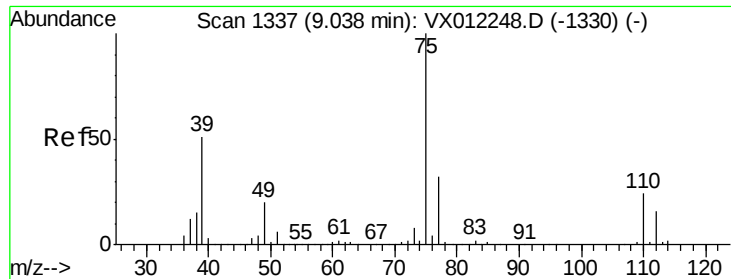
91 173.9 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

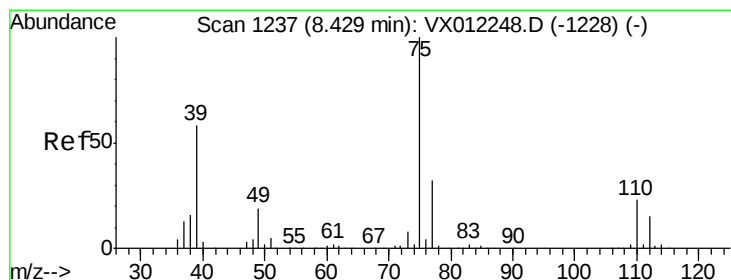
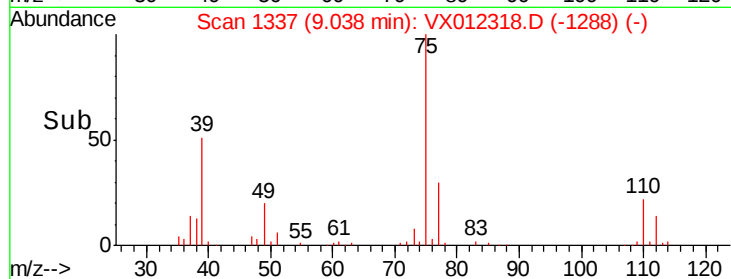
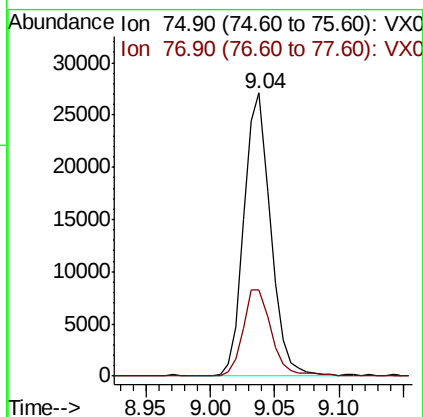
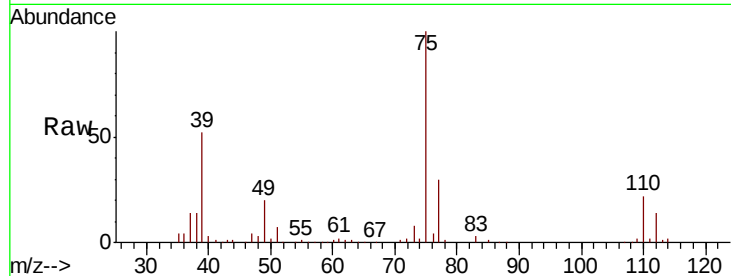




#53
 t-1,3-Dichloropropene
 Concen: 18.999 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

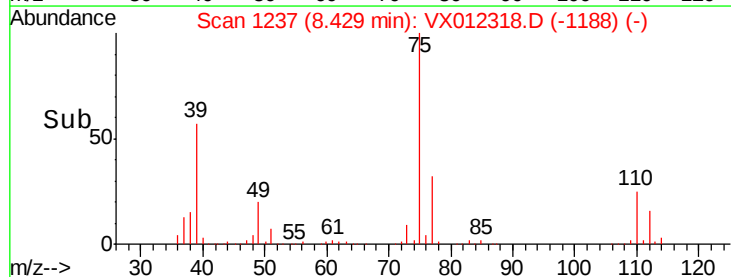
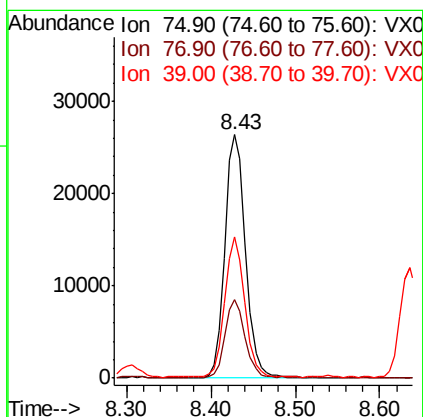
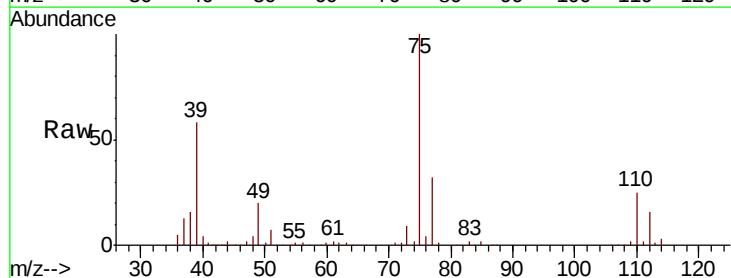
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD02

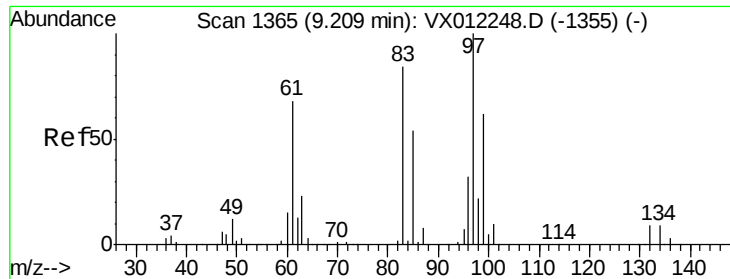
Tgt Ion: 75 Resp: 38720
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.731 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Tgt Ion: 75 Resp: 44591
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2
 39 57.2 46.5 69.7

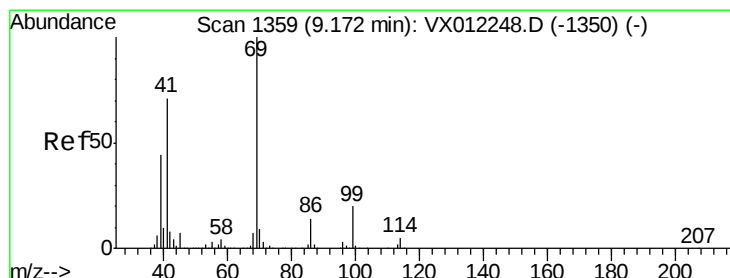
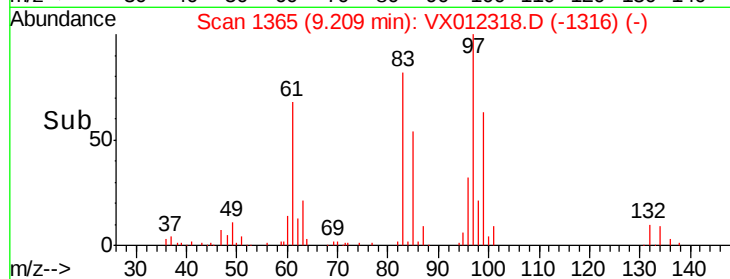
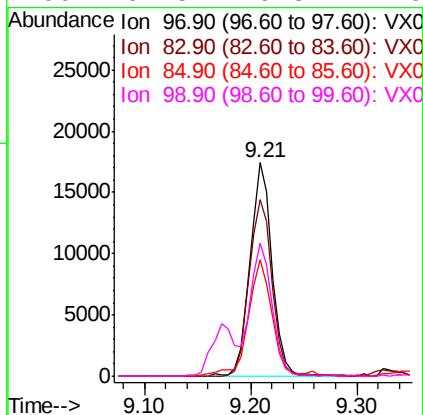
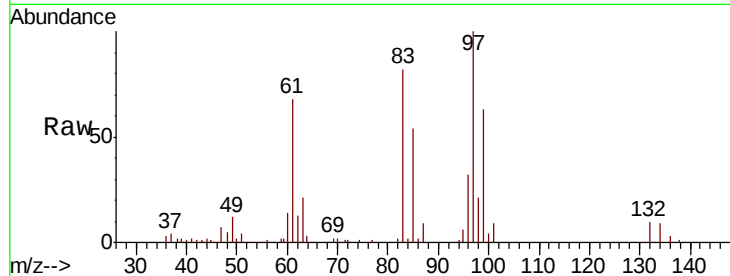




#55
 1,1,2-Trichloroethane
 Concen: 21.830 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

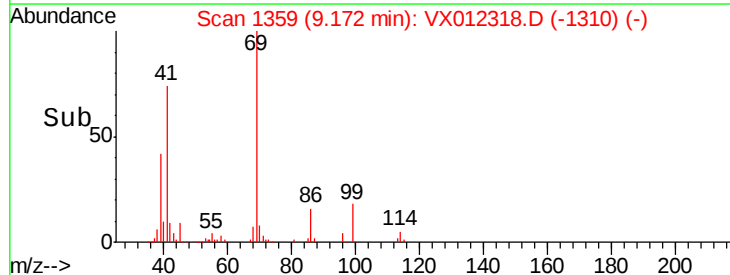
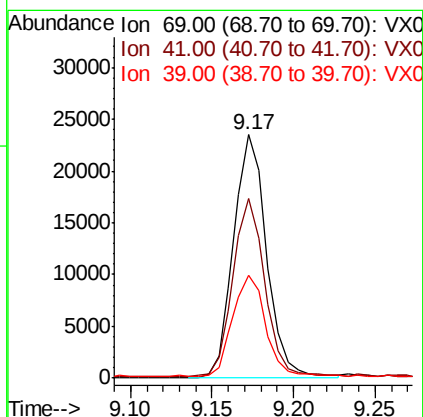
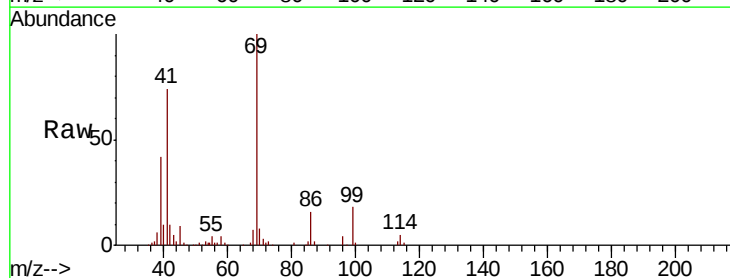
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD02

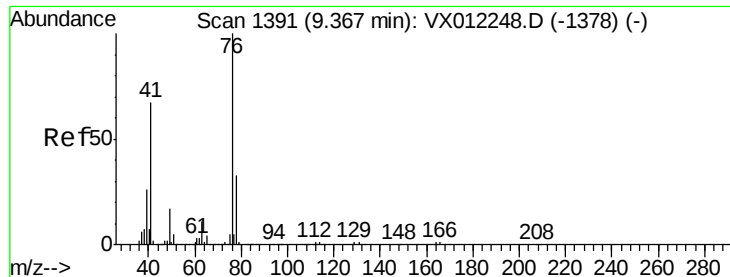
Tgt Ion:	97	Resp:	25306
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.4	101.2
85	54.3	43.4	65.2
99	62.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 21.196 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Tgt Ion:	69	Resp:	33268
Ion	Ratio	Lower	Upper
69	100		
41	71.1	57.7	86.5
39	42.7	34.0	51.0





#57

1,3-Dichloropropane

Concen: 21.973 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

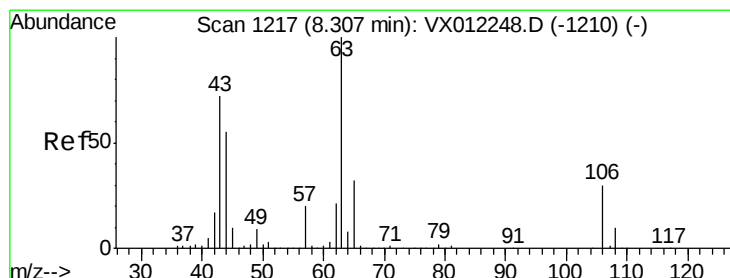
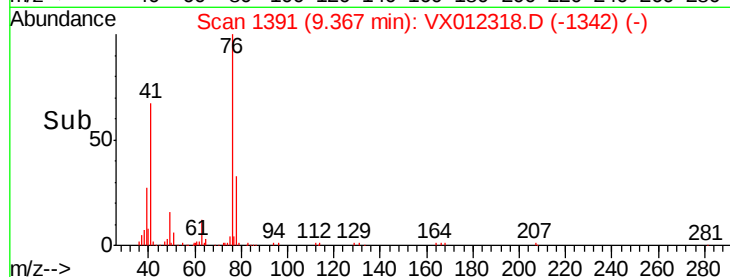
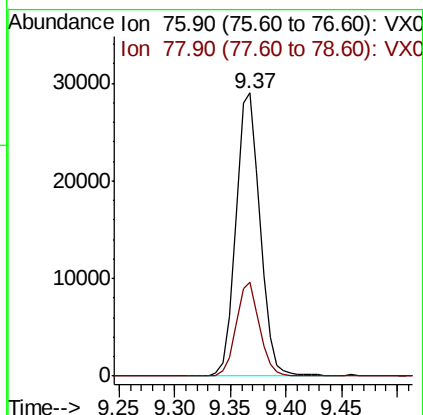
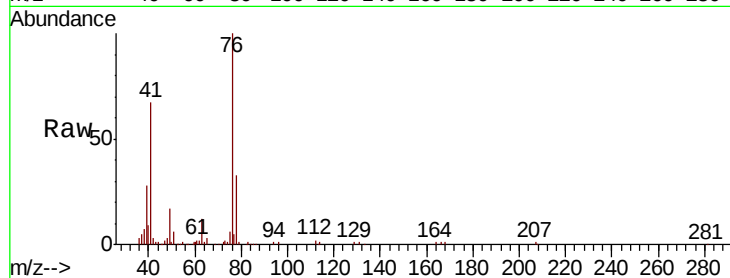
VX0911SBS02

Tgt Ion: 76 Resp: 43504

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 102.751 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012318.D

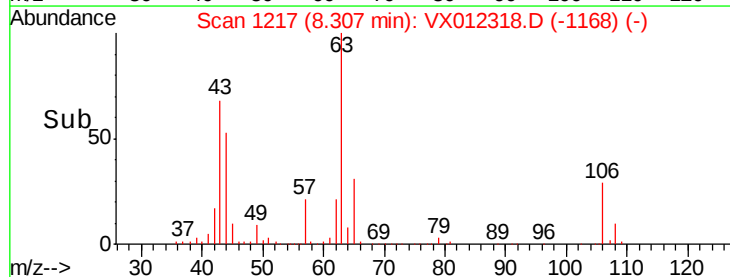
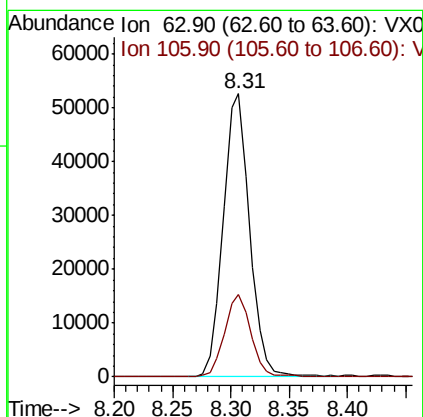
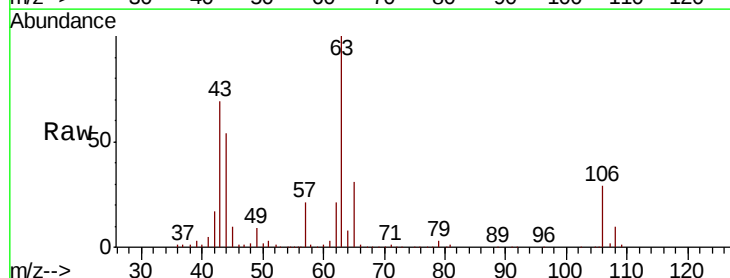
Acq: 11 Sep 2019 23:29

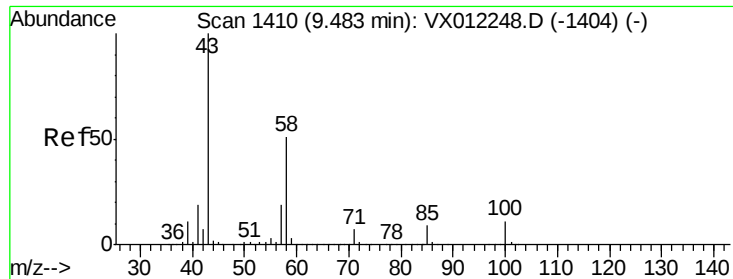
Tgt Ion: 63 Resp: 82657

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2

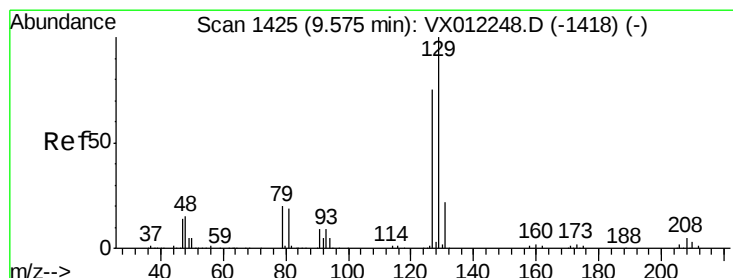
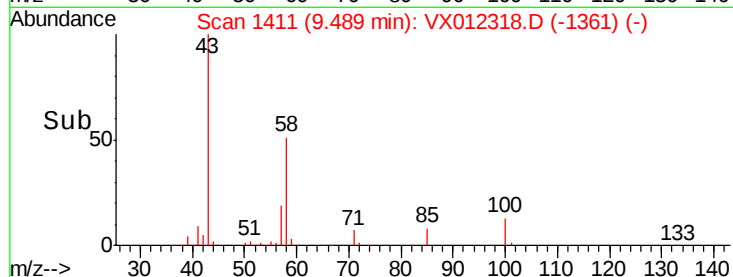
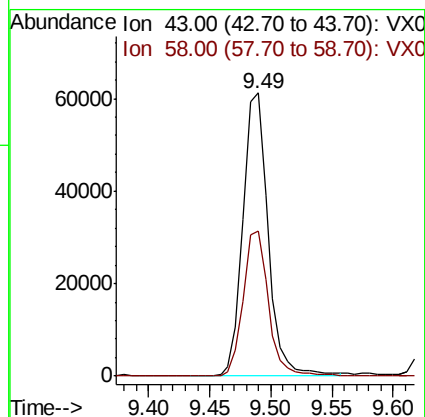
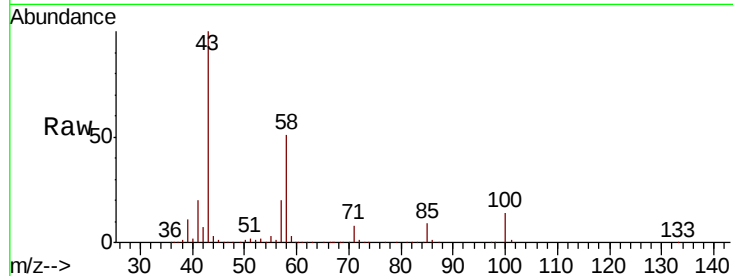




#59
2-Hexanone
Concen: 111.314 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

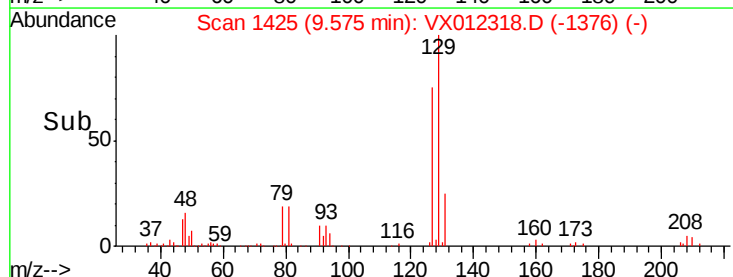
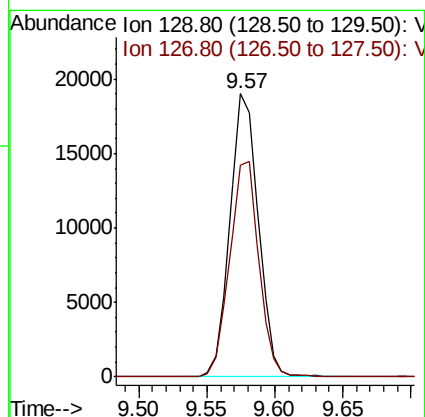
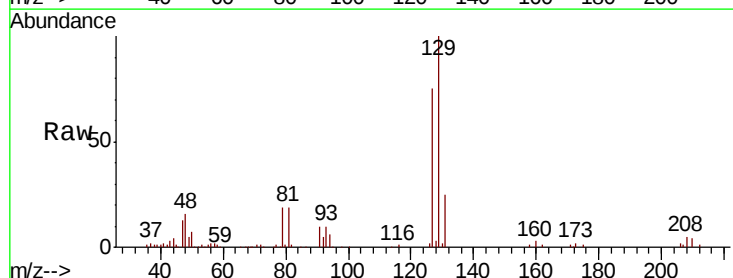
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

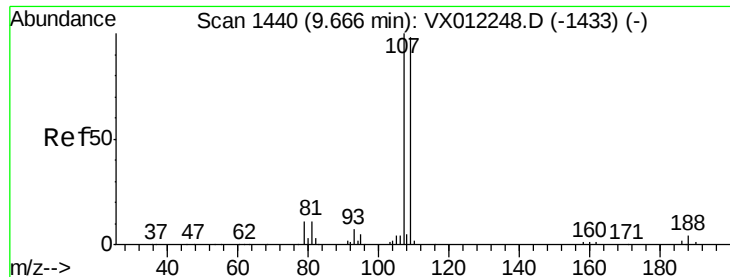
Tgt Ion: 43 Resp: 87000
Ion Ratio Lower Upper
43 100
58 51.8 25.8 77.3



#60
Dibromochloromethane
Concen: 20.437 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion: 129 Resp: 27657
Ion Ratio Lower Upper
129 100
127 78.0 38.1 114.3

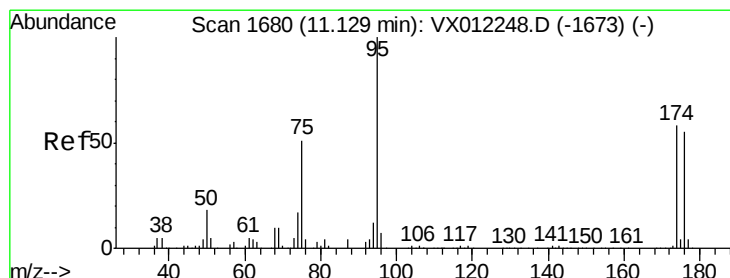
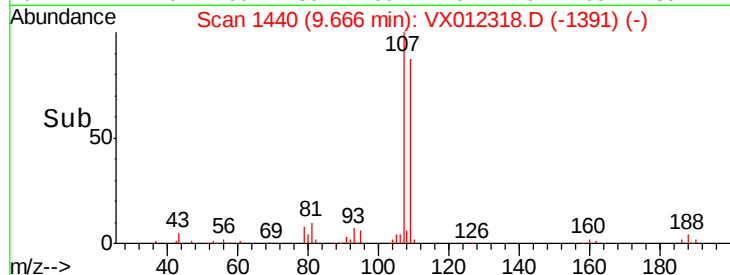
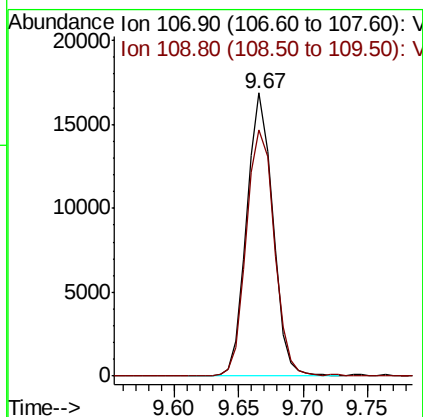
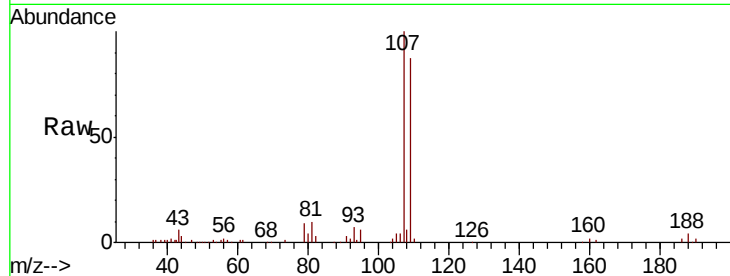




#61
 1,2-Dibromoethane
 Concen: 21.947 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

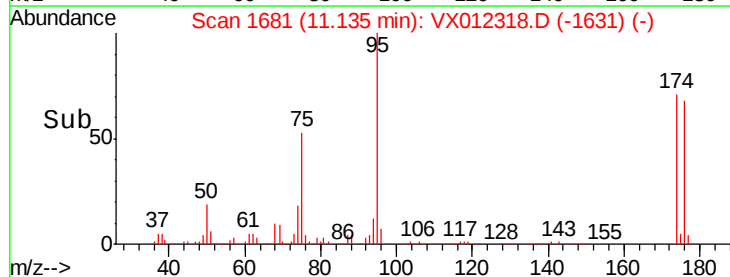
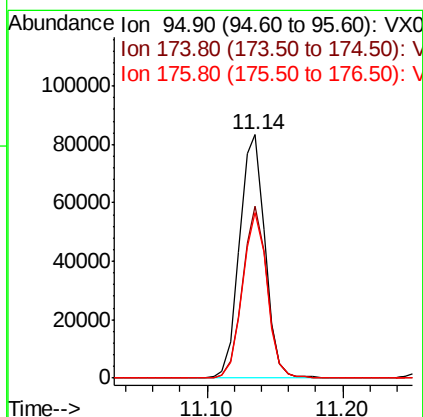
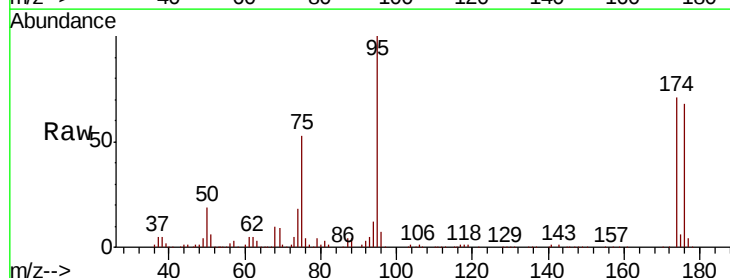
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD02

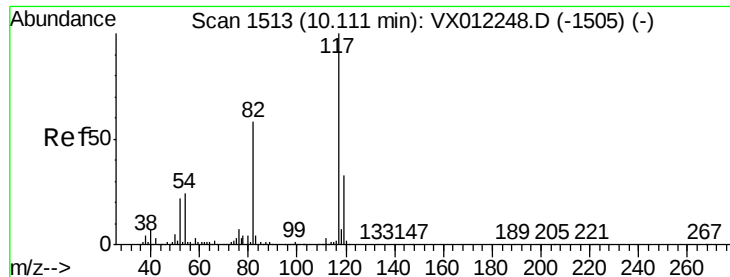
Tgt Ion: 107 Resp: 23682
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 46.490 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Tgt Ion: 95 Resp: 108606
 Ion Ratio Lower Upper
 95 100
 174 68.0 0.0 127.0
 176 66.1 0.0 125.8

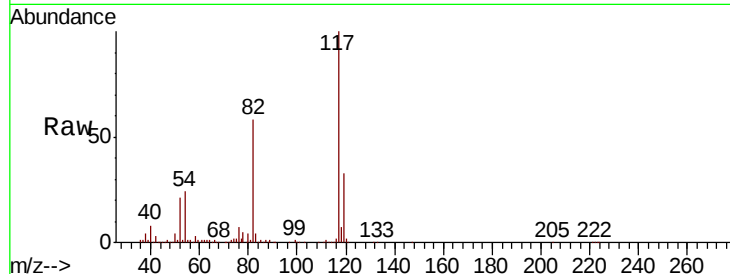




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.4	69.6
119	32.6	26.6	39.8

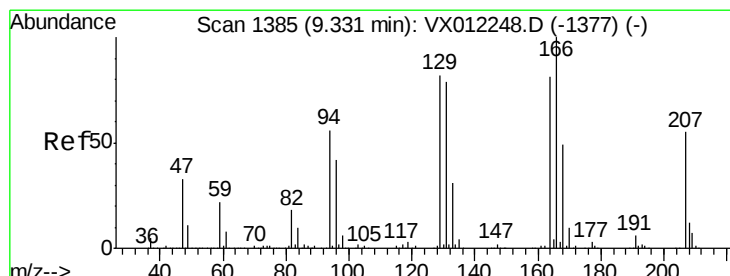
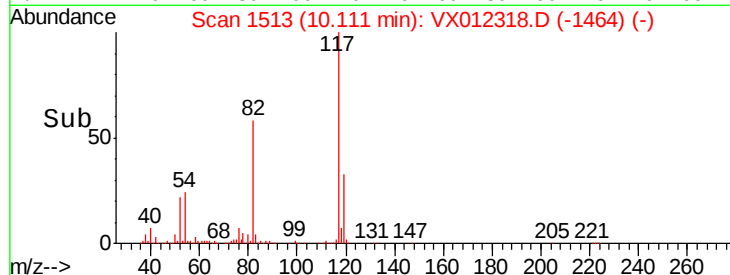
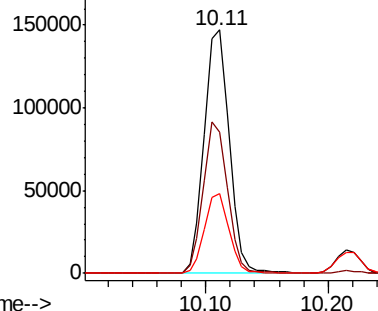


Abundance

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: 23.801 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	99.4	149.0
129	99.4	81.8	122.8
131	95.3	78.3	117.5

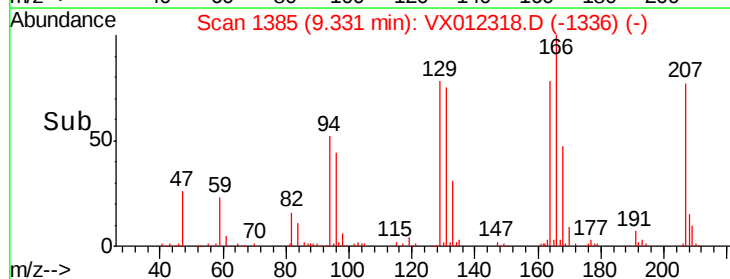
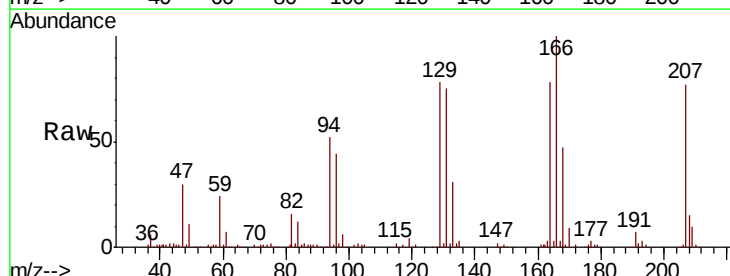
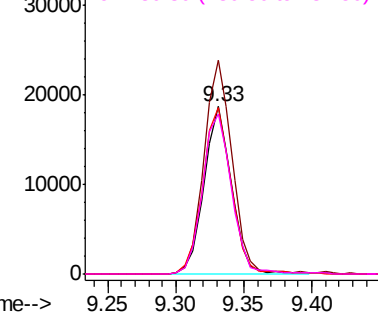
Abundance

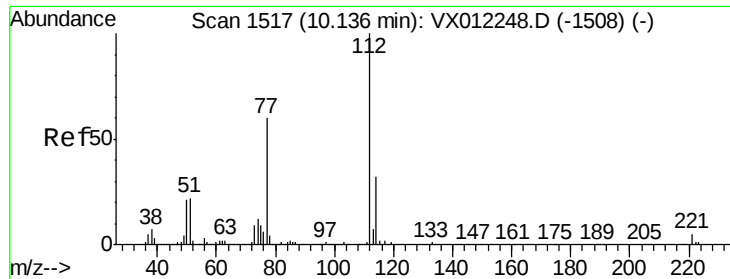
Ion 163.80 (163.50 to 164.50): V

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: 21.151 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

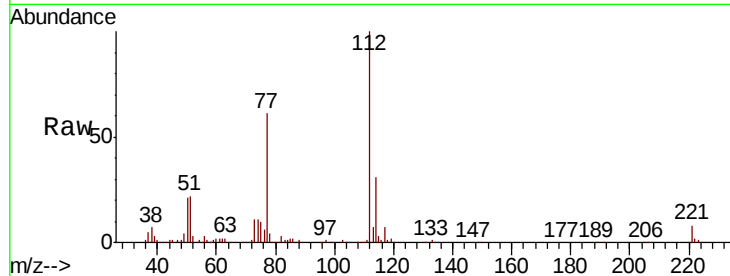
VX0911SBS02

Tgt Ion:112 Resp: 80788

Ion Ratio Lower Upper

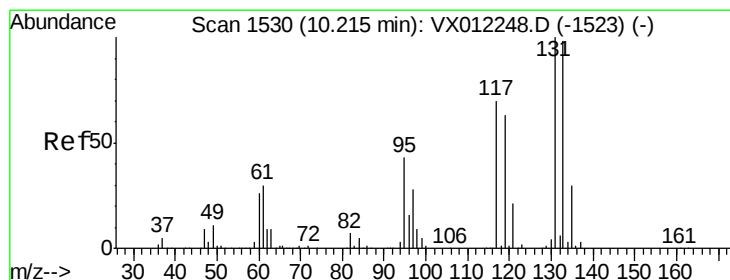
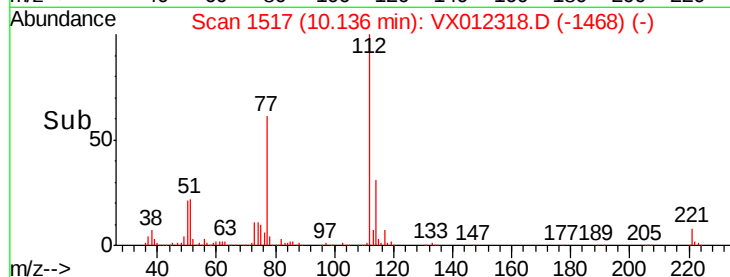
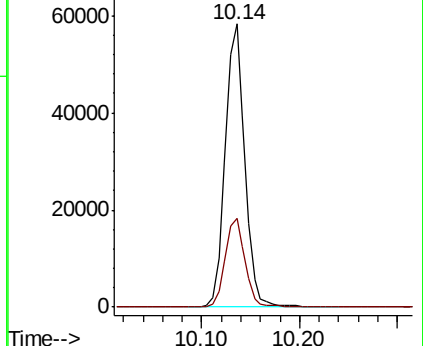
112 100

114 31.2 25.4 38.0



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: 21.266 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

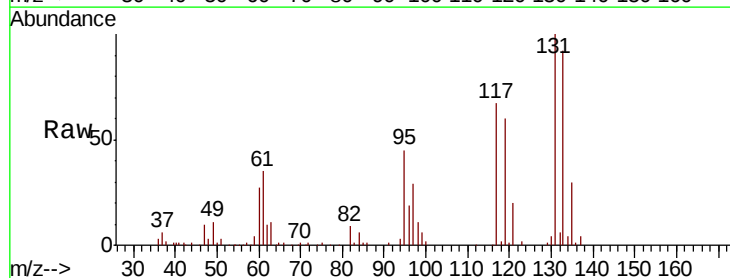
Tgt Ion:131 Resp: 30619

Ion Ratio Lower Upper

131 100

133 93.0 48.0 144.2

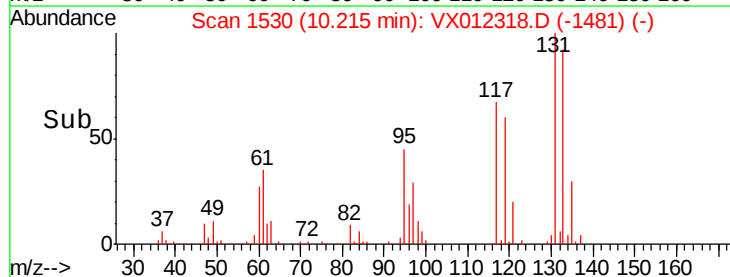
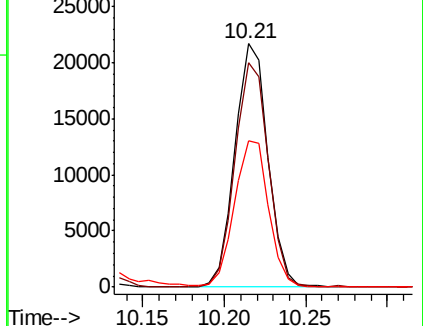
119 62.2 31.6 95.0

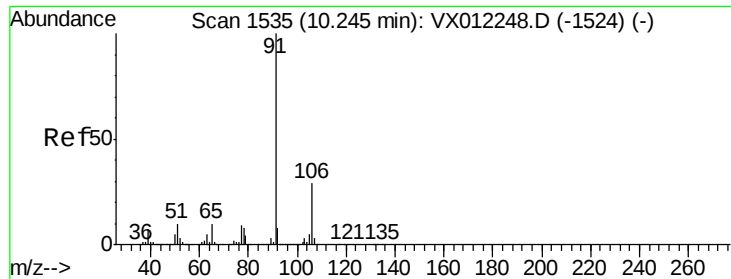


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

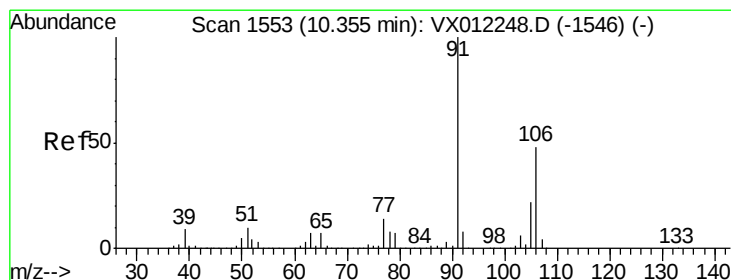
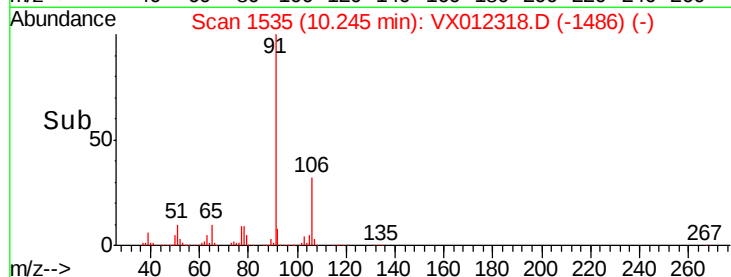
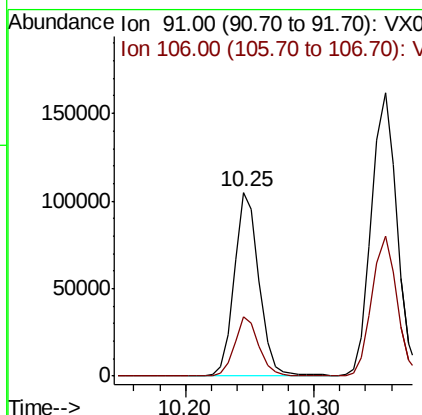
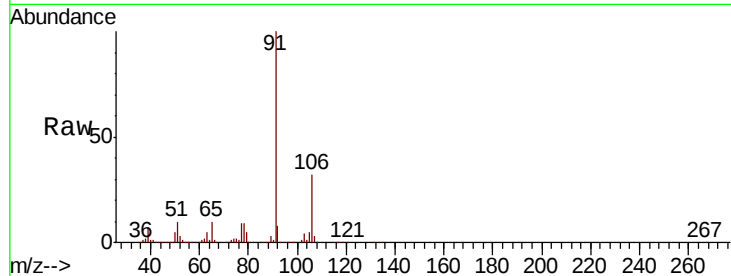




#67
Ethyl Benzene
Concen: 20.686 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

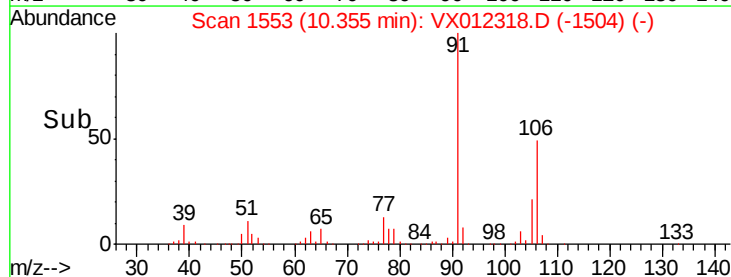
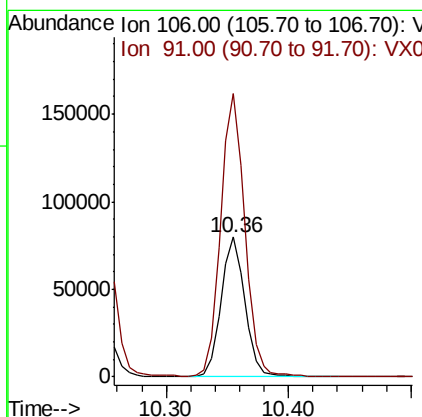
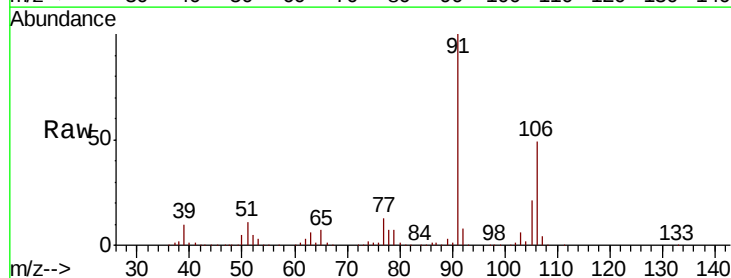
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

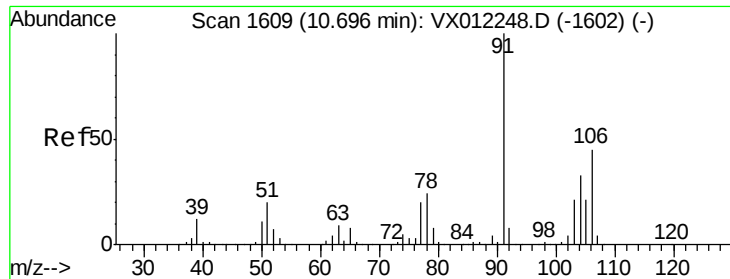
Tgt Ion: 91 Resp: 140525
Ion Ratio Lower Upper
91 100
106 32.1 23.1 34.7



#68
m/p-Xylenes
Concen: 43.098 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion: 106 Resp: 107775
Ion Ratio Lower Upper
106 100
91 206.5 167.0 250.6

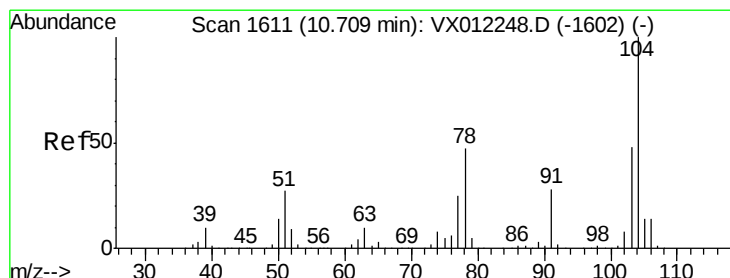
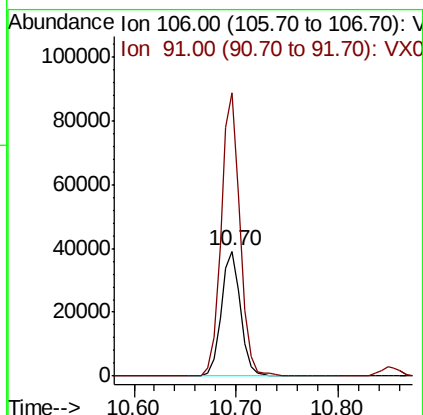
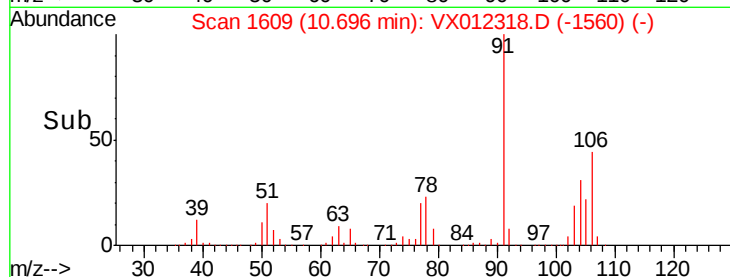
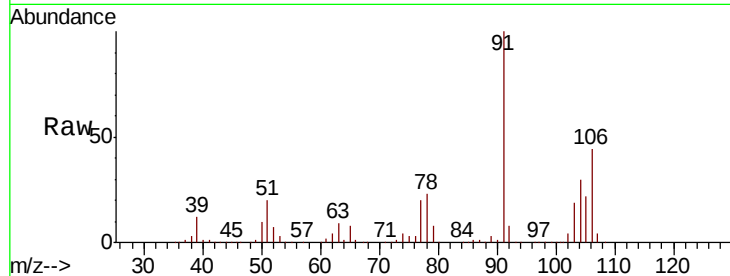




#69
o-Xylene
Concen: 21.005 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

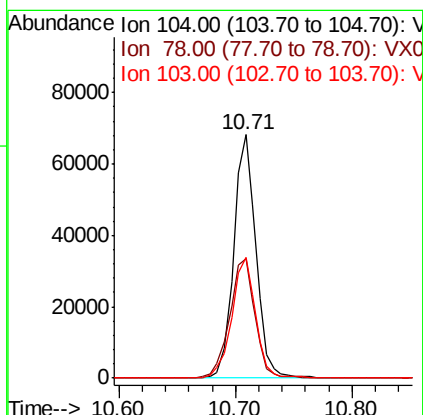
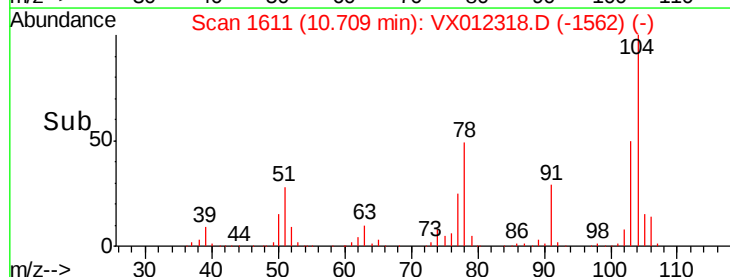
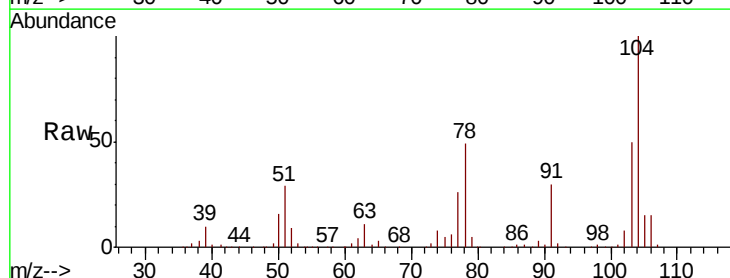
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

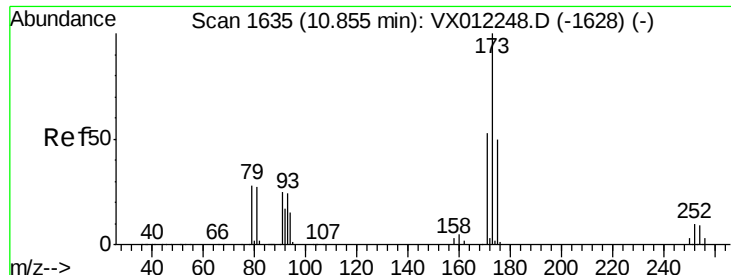
Tgt Ion:106 Resp: 51457
Ion Ratio Lower Upper
106 100
91 221.4 110.5 331.4



#70
Styrene
Concen: 20.817 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion:104 Resp: 90439
Ion Ratio Lower Upper
104 100
78 55.9 44.2 66.2
103 53.4 42.5 63.7





#71

Bromoform

Concen: 20.266 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD02

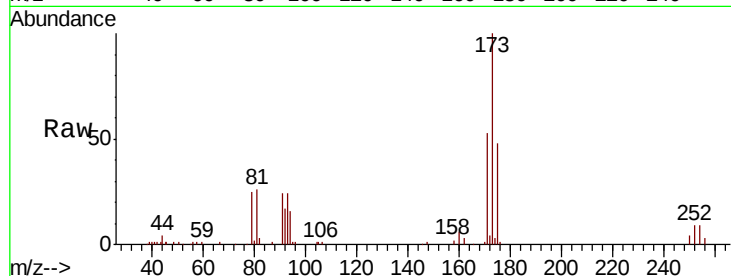
Tgt Ion:173 Resp: 15131

Ion Ratio Lower Upper

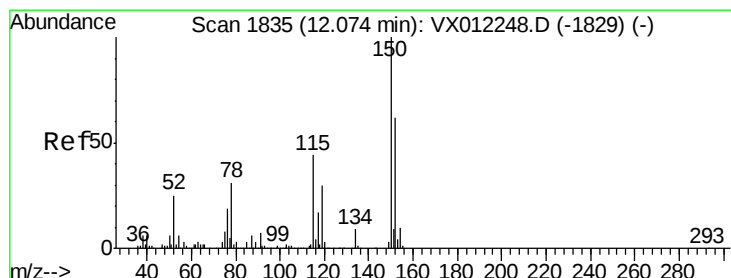
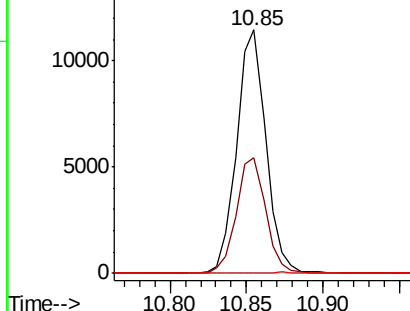
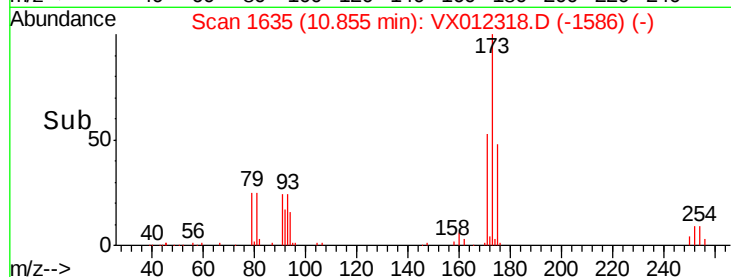
173 100

175 47.5 24.5 73.5

254 0.2 0.2 0.4#



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: VX012318.D

Acq: 11 Sep 2019 23:29

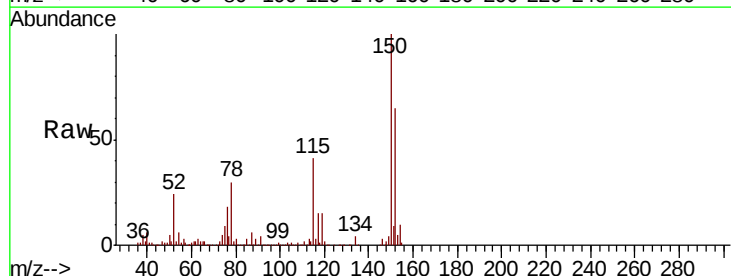
Tgt Ion:152 Resp: 107490

Ion Ratio Lower Upper

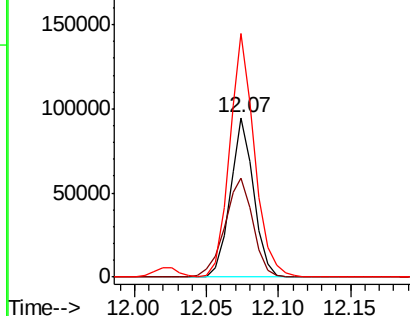
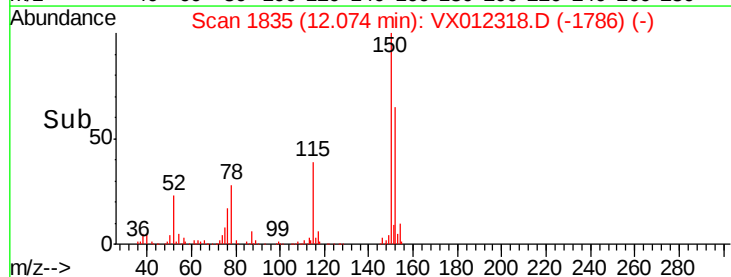
152 100

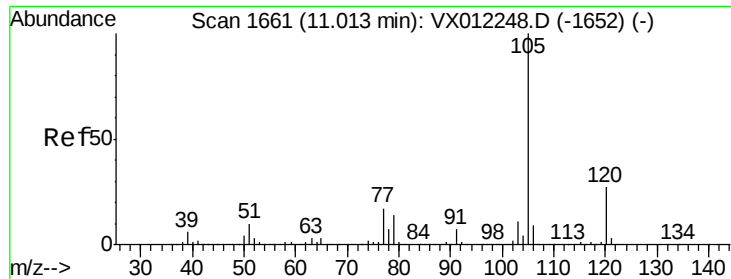
115 74.7 45.5 136.4

150 162.7 0.0 346.4



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: 19.806 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

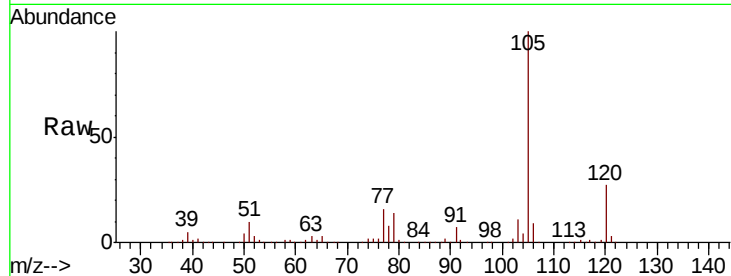
VX0911SBSD02

Tgt Ion:105 Resp: 140153

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

120000

100000

80000

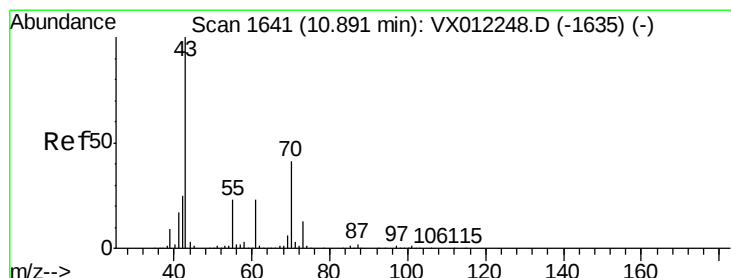
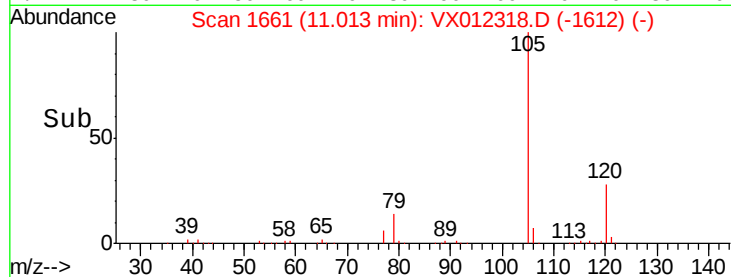
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.027 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Tgt Ion: 43 Resp: 40034

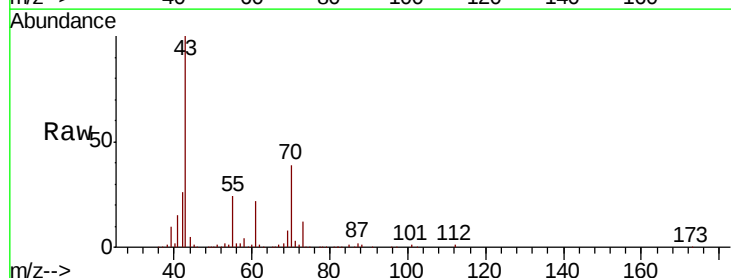
Ion Ratio Lower Upper

43 100

70 40.3 32.9 49.3

55 25.0 19.1 28.7

61 22.4 18.6 28.0



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

50000

40000

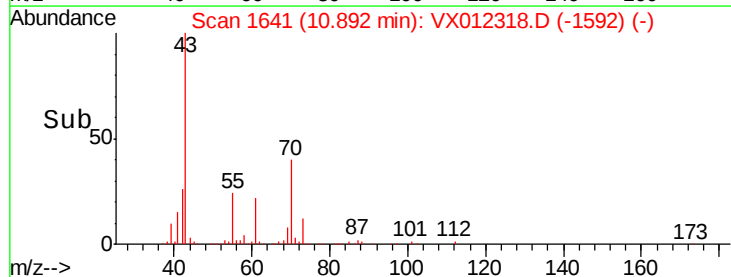
30000

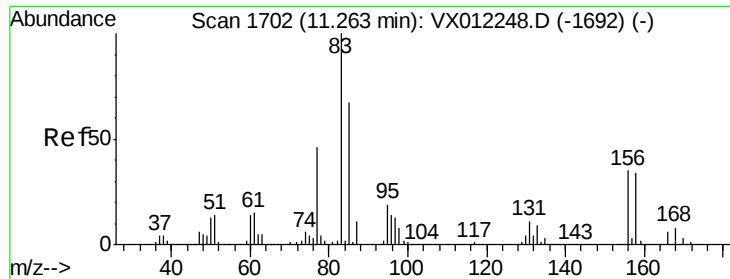
20000

10000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 21.153 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS02

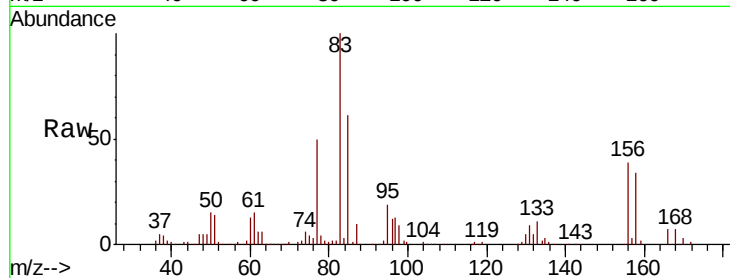
Tgt Ion: 83 Resp: 32147

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.4

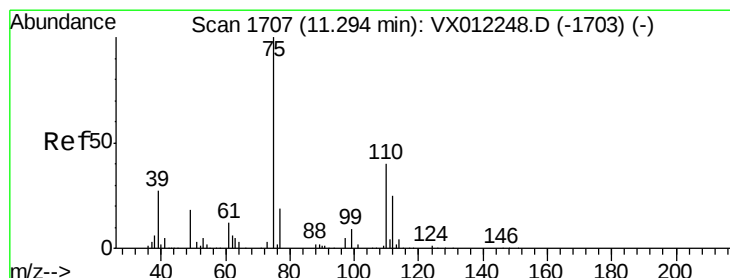
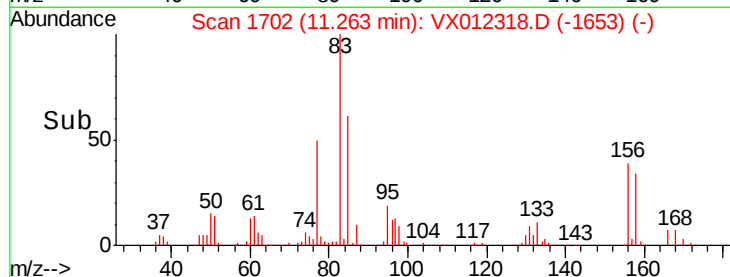
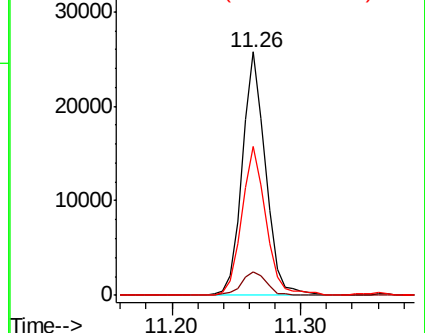
85 63.4 32.8 98.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.293 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012318.D

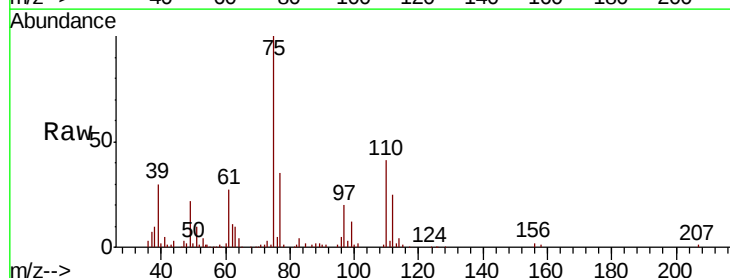
Acq: 11 Sep 2019 23:29

Tgt Ion: 75 Resp: 33546

Ion Ratio Lower Upper

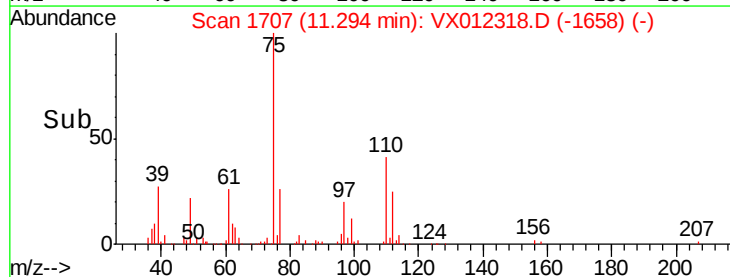
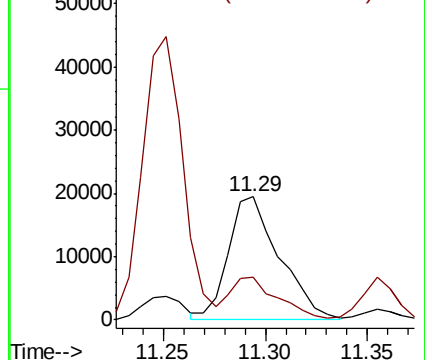
75 100

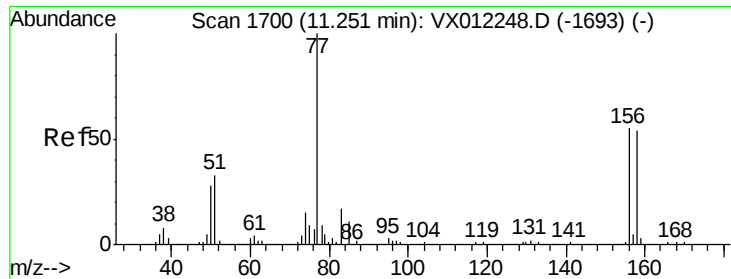
77 32.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.197 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS02

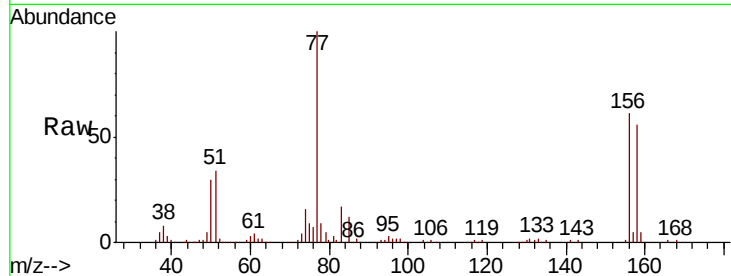
Tgt Ion:156 Resp: 34535

Ion Ratio Lower Upper

156 100

77 178.4 92.2 276.6

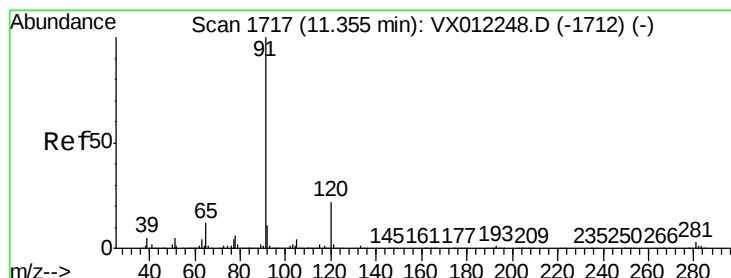
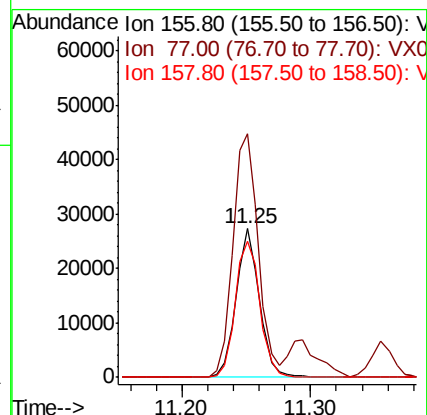
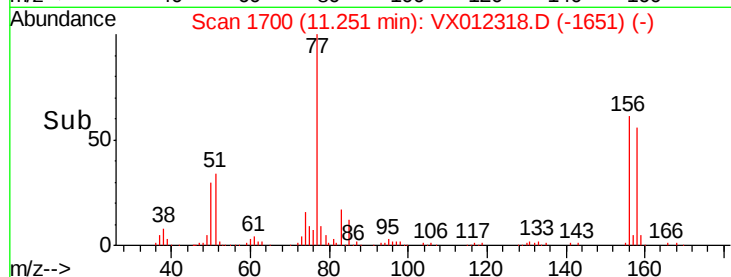
158 97.2 48.8 146.3



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: 19.866 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012318.D

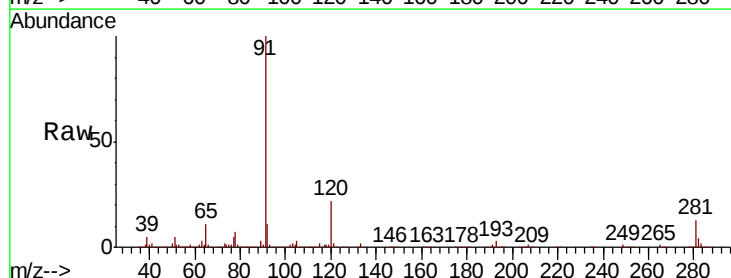
Acq: 11 Sep 2019 23:29

Tgt Ion: 91 Resp: 169767

Ion Ratio Lower Upper

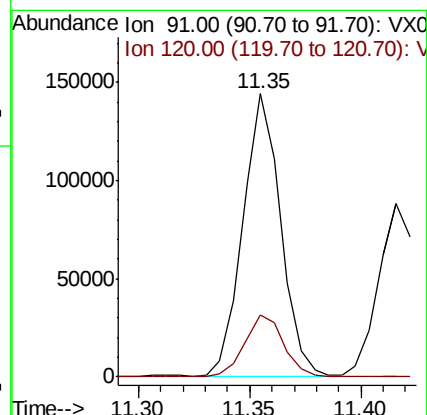
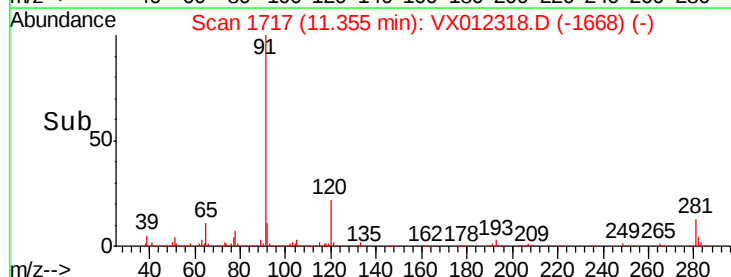
91 100

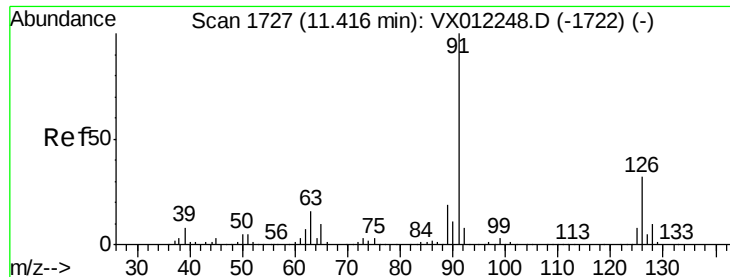
120 22.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

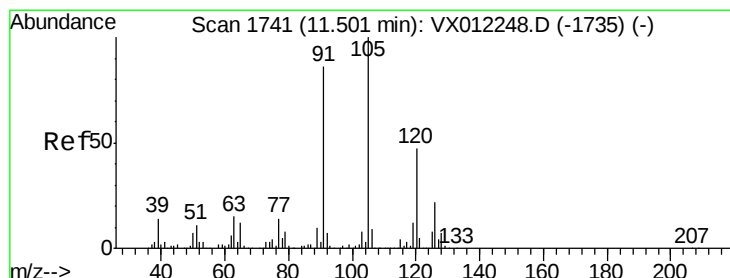
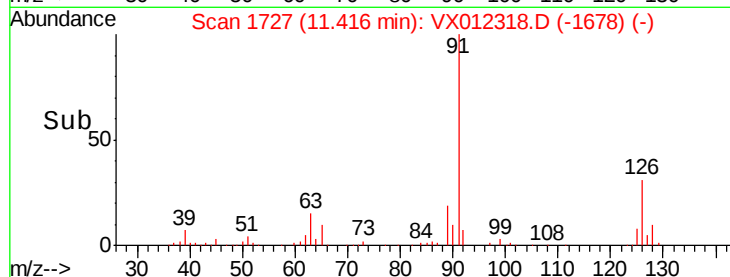
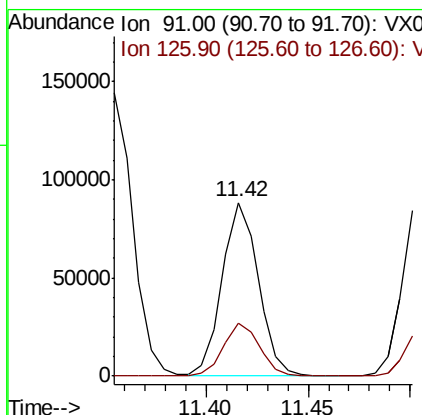
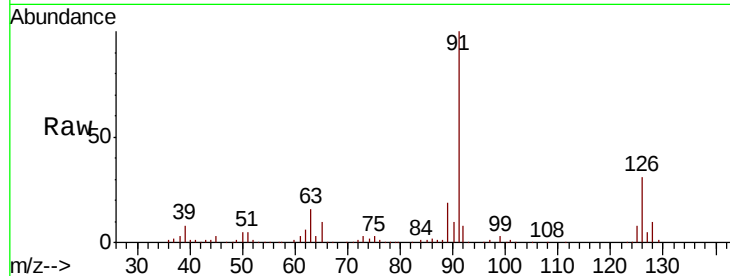




#79
 2-Chlorotoluene
 Concen: 20.369 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

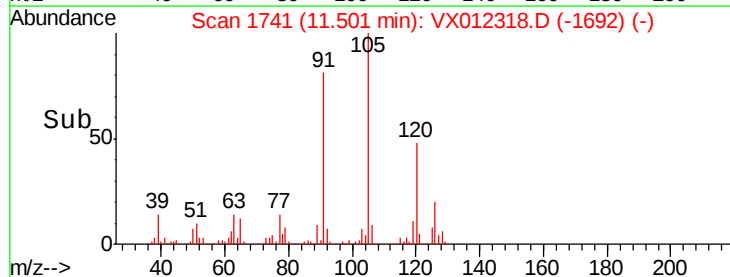
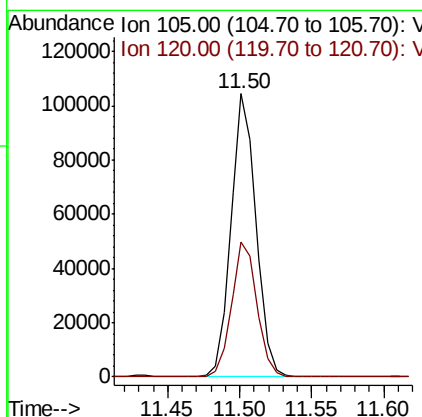
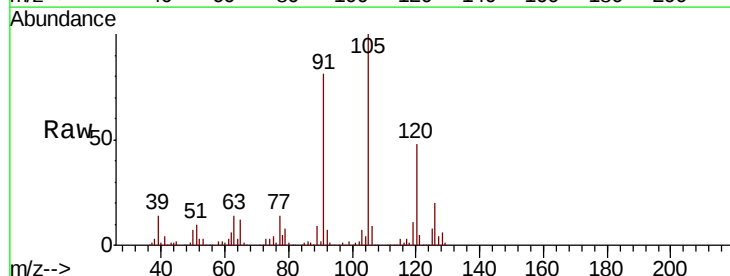
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD02

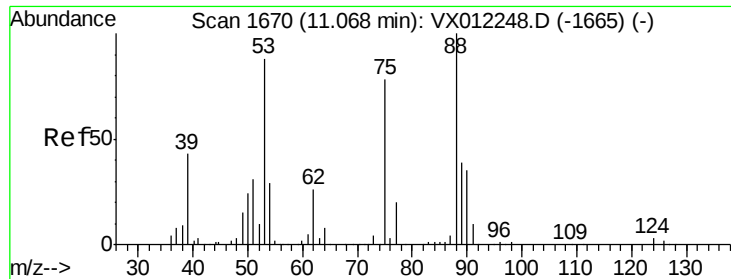
Tgt Ion: 91 Resp: 107839
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.058 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Tgt Ion: 105 Resp: 127646
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 17.070 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD02

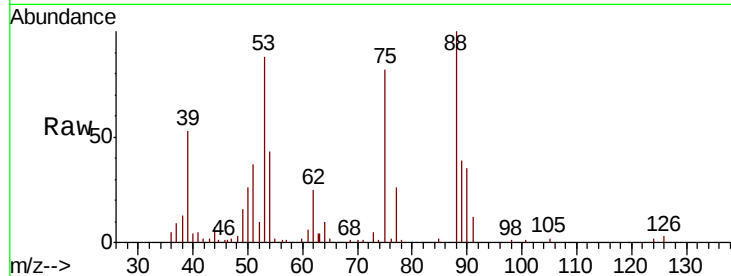
Tgt Ion: 75 Resp: 7867

Ion Ratio Lower Upper

75 100

53 118.1 88.1 132.1

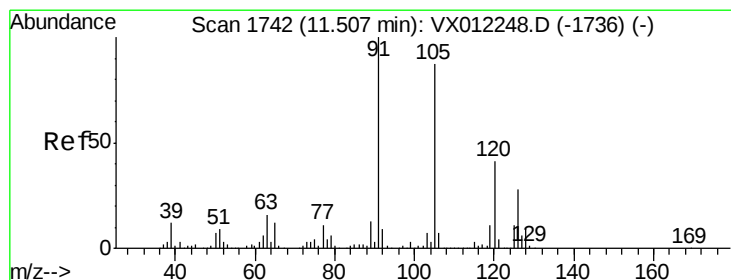
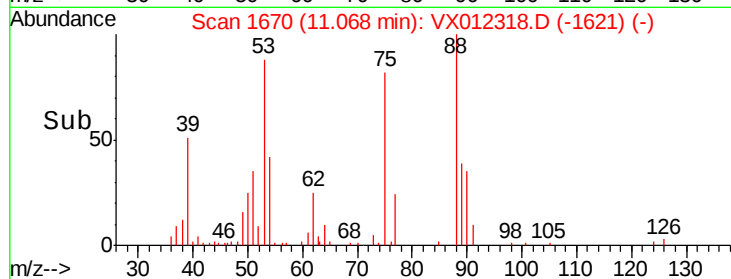
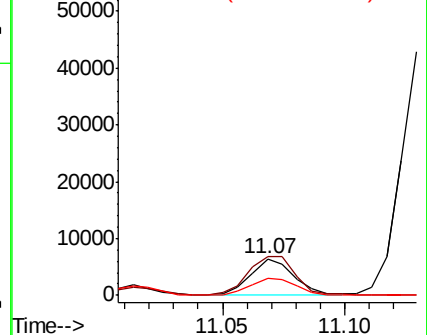
89 52.5 43.5 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.456 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012318.D

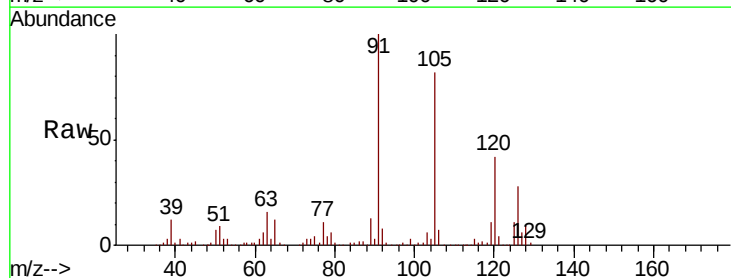
Acq: 11 Sep 2019 23:29

Tgt Ion: 91 Resp: 130152

Ion Ratio Lower Upper

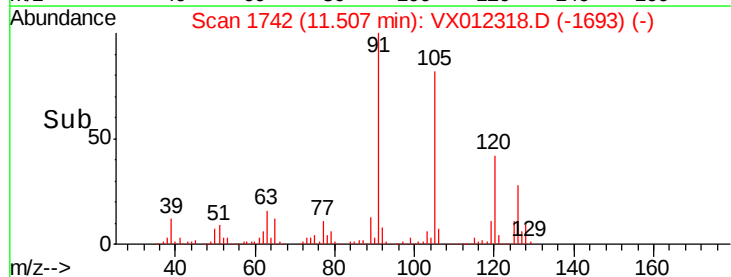
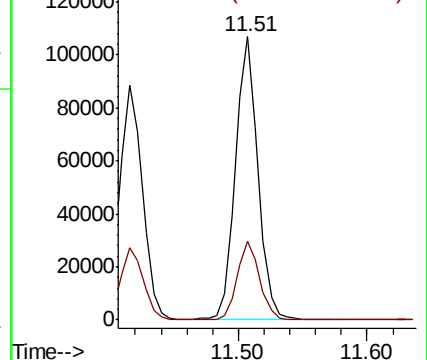
91 100

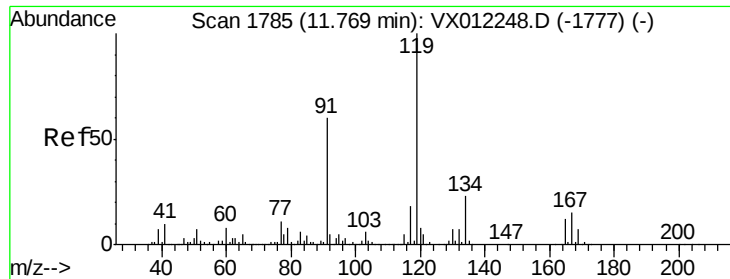
126 28.0 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

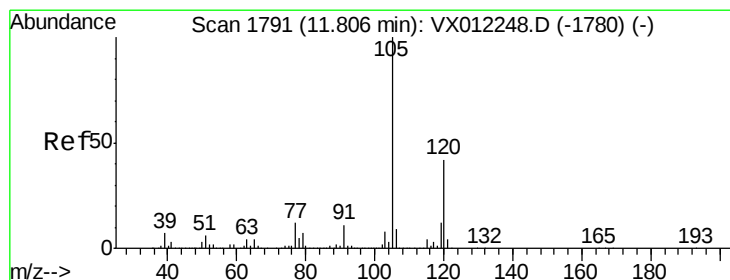
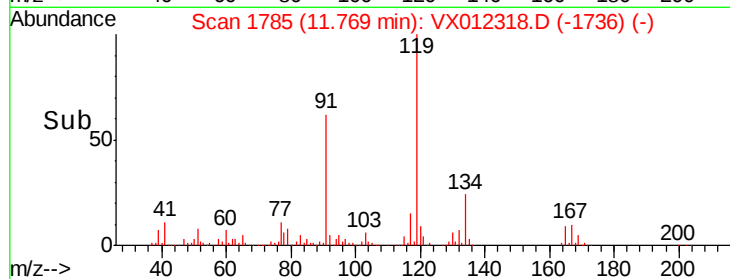
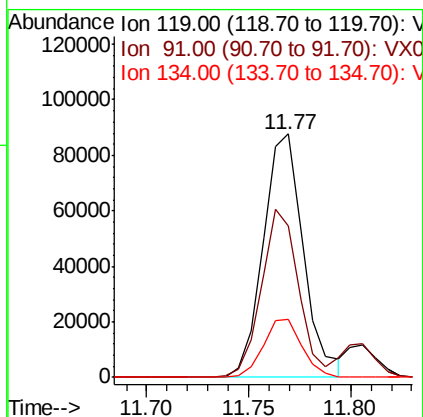
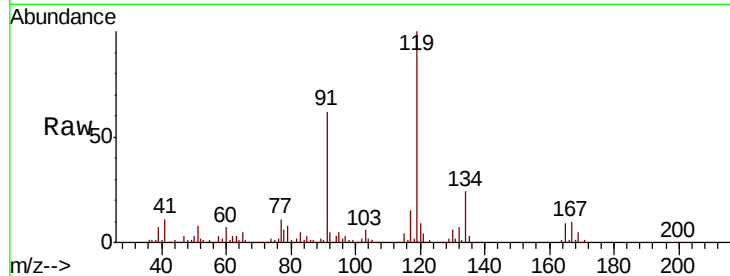




#83
 tert-Butylbenzene
 Concen: 19.492 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

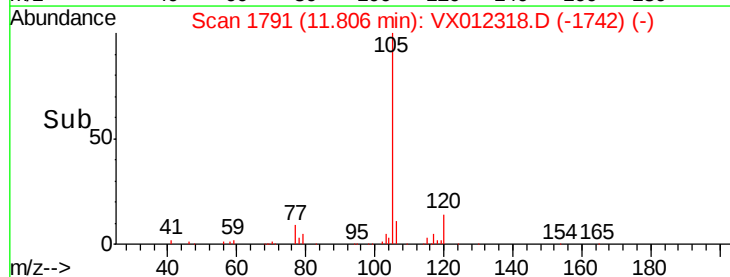
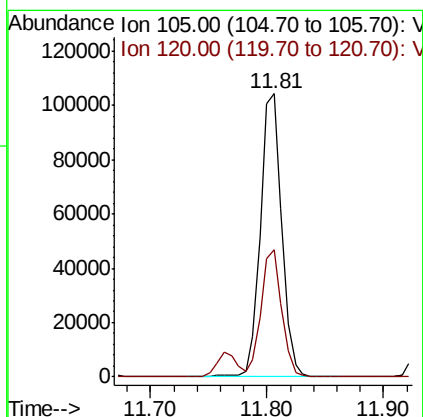
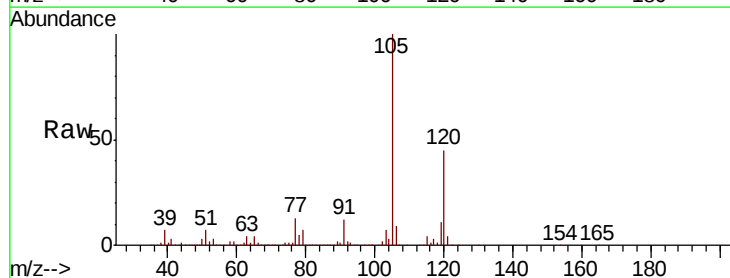
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD02

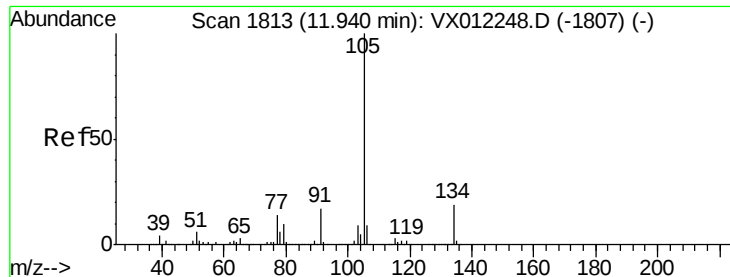
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.6	30.9	92.8
134	23.1	11.2	33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.236 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.3	63.9





#85

sec-Butylbenzene

Concen: 19.874 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

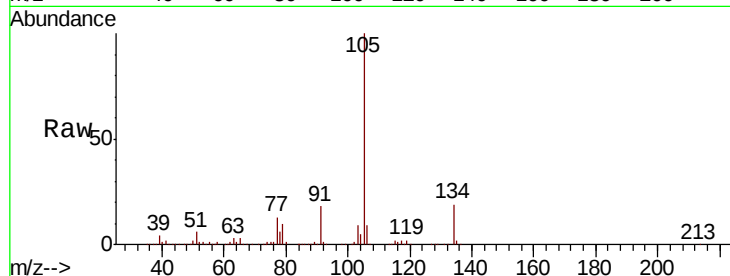
VX0911SBSD02

Tgt Ion:105 Resp: 146533

Ion Ratio Lower Upper

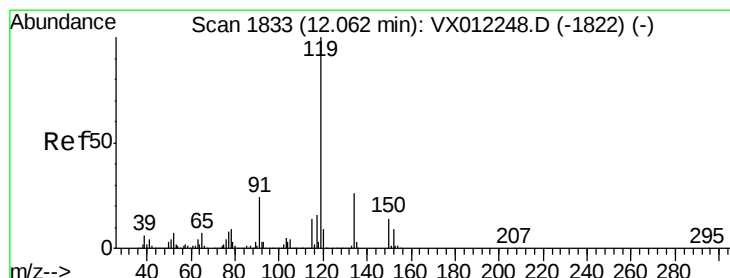
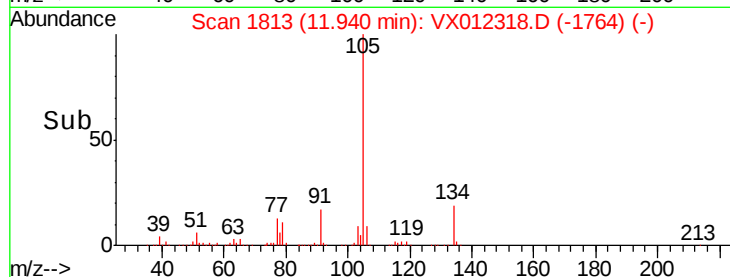
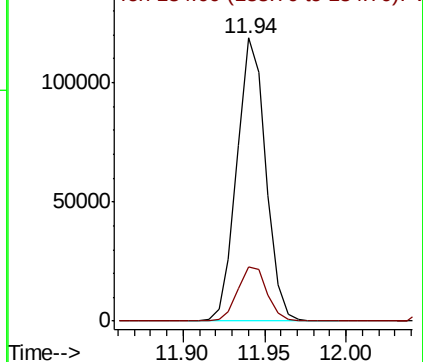
105 100

134 19.8 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.727 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

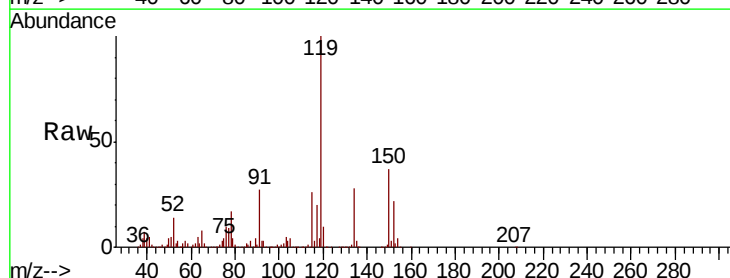
Tgt Ion:119 Resp: 134391

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.7

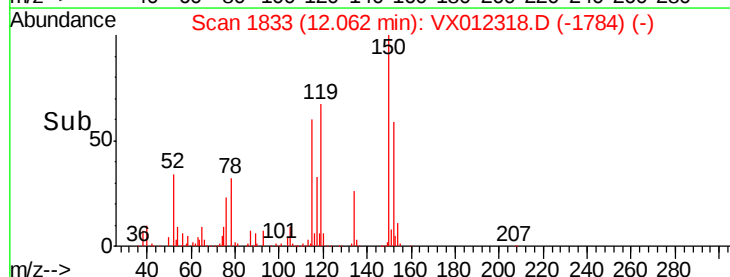
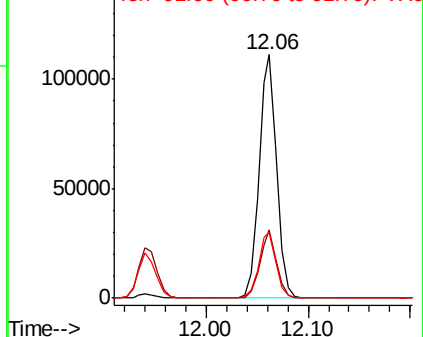
91 27.0 13.1 39.1

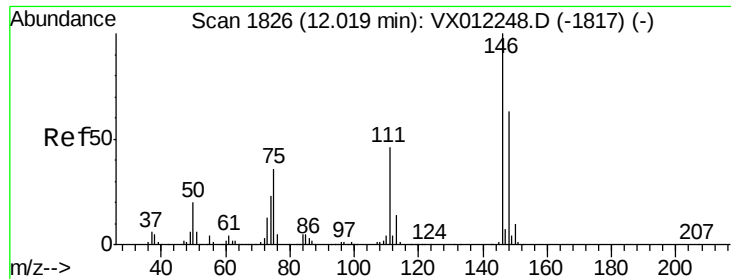


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

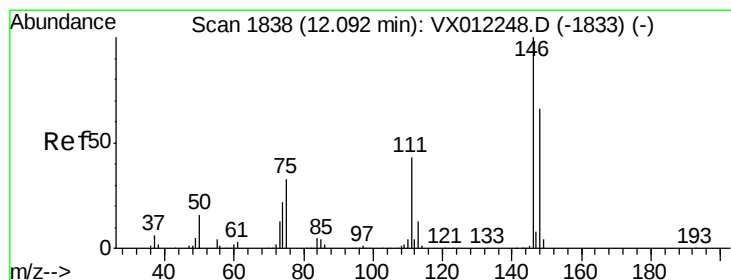
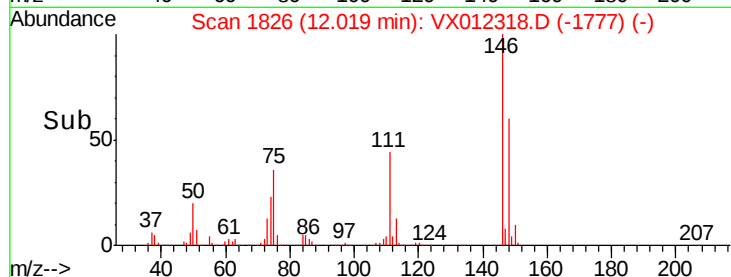
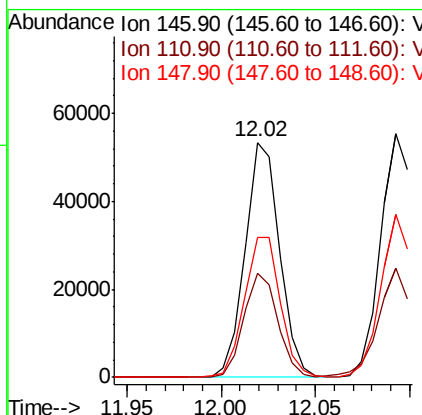
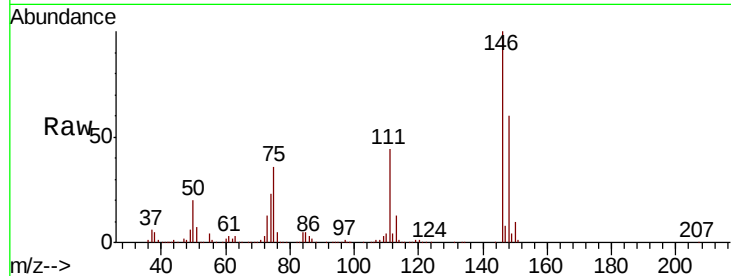




#87
 1,3-Dichlorobenzene
 Concen: 20.491 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

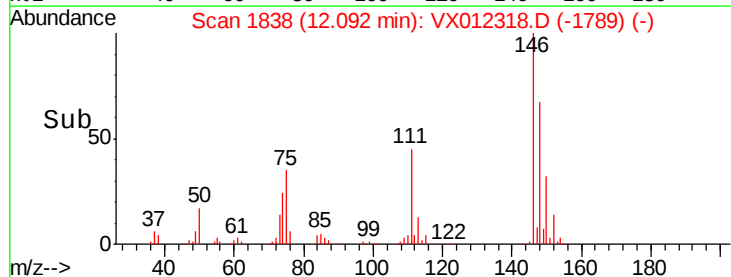
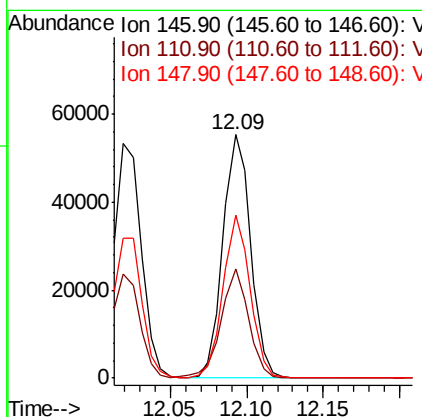
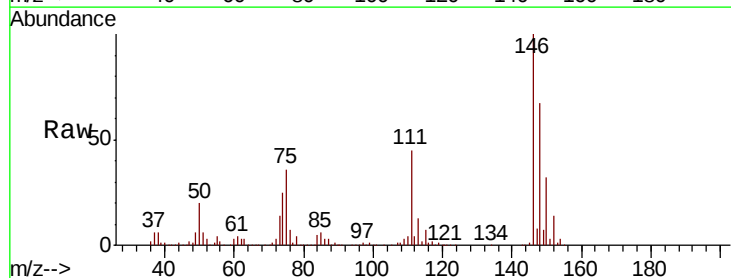
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD02

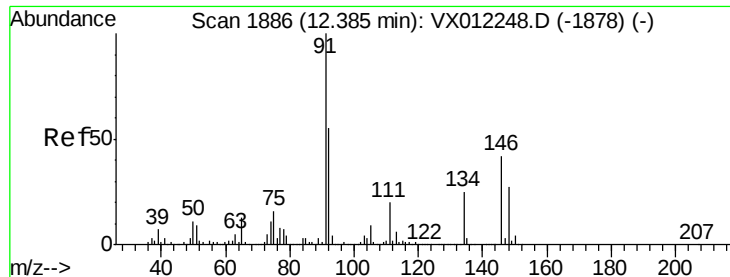
Tgt Ion:146 Resp: 68005
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.3 66.8
 148 62.2 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.771 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Tgt Ion:146 Resp: 69708
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.6 64.8
 148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 19.678 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012318.D

Acq: 11 Sep 2019 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS02

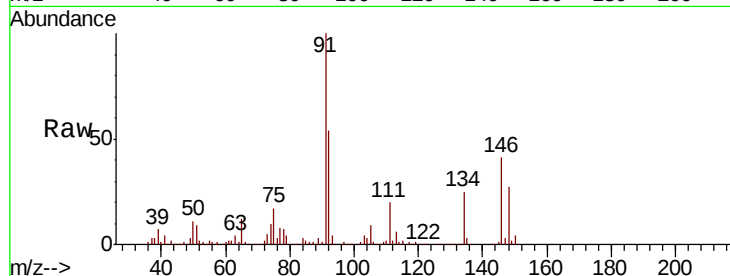
Tgt Ion: 91 Resp: 131395

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.7

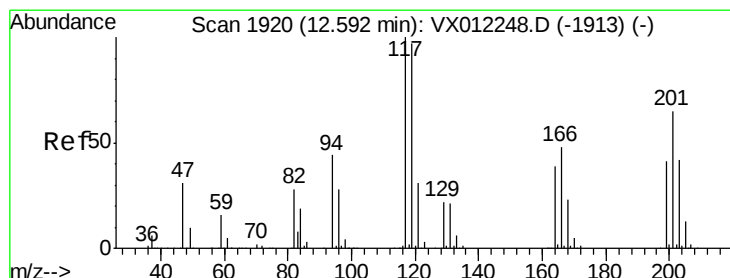
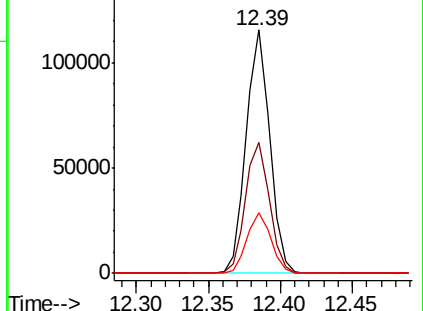
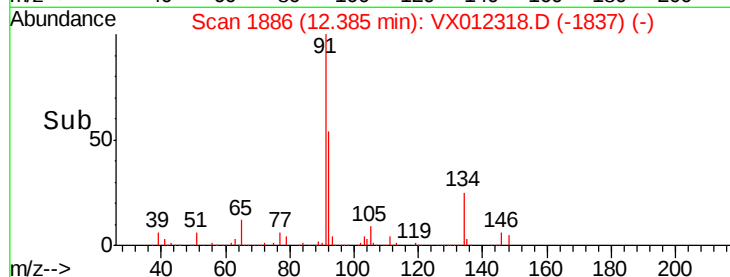
134 25.2 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.012 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012318.D

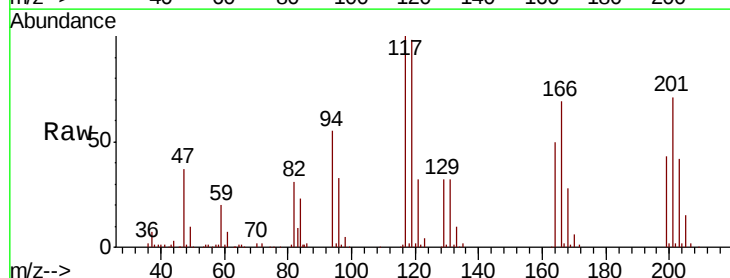
Acq: 11 Sep 2019 23:29

Tgt Ion: 117 Resp: 22601

Ion Ratio Lower Upper

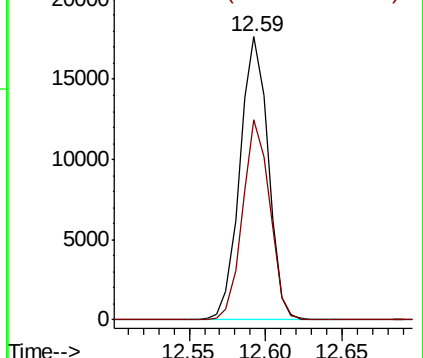
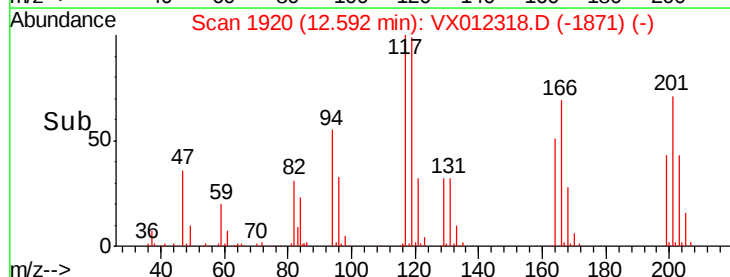
117 100

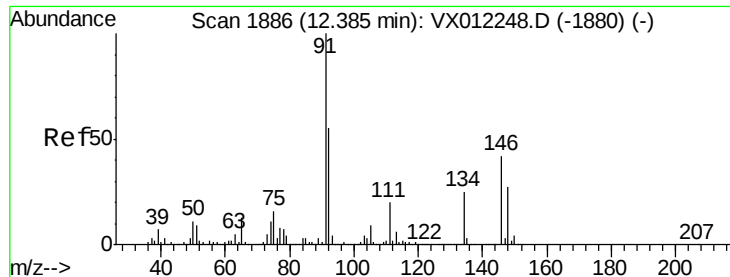
201 67.9 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

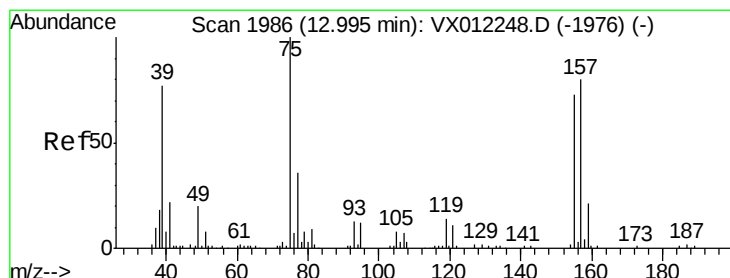
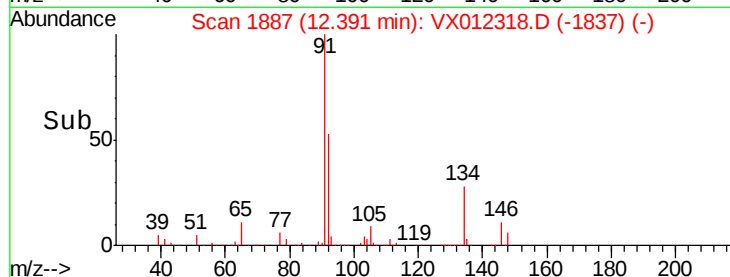
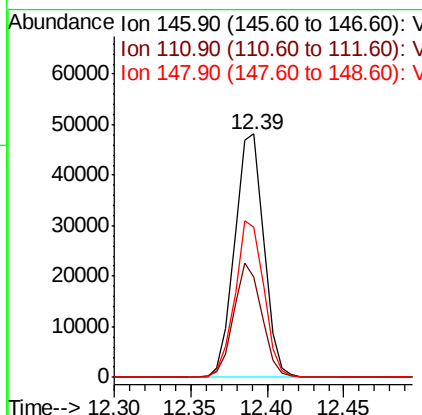
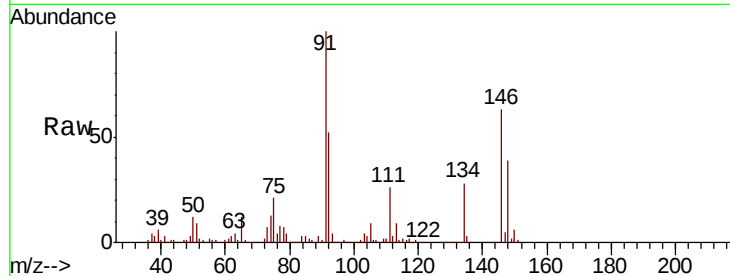




#91
 1,2-Dichlorobenzene
 Concen: 20.722 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

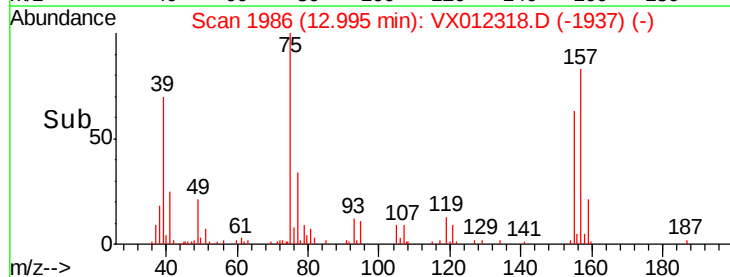
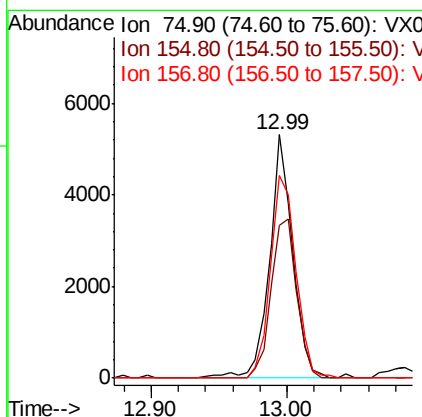
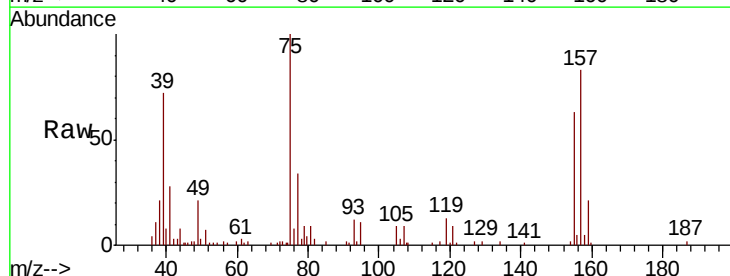
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD02

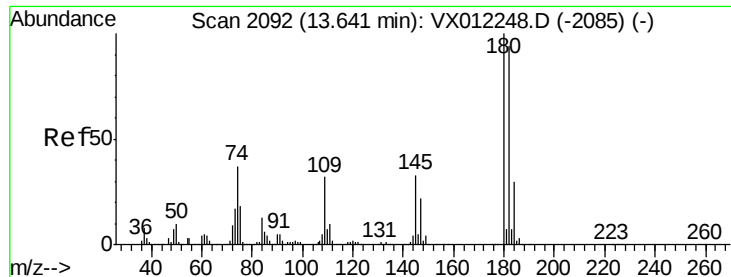
Tgt Ion:146 Resp: 63619
 Ion Ratio Lower Upper
 146 100
 111 45.6 23.2 69.6
 148 63.5 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.490 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Tgt Ion: 75 Resp: 6356
 Ion Ratio Lower Upper
 75 100
 155 72.0 35.3 105.7
 157 91.3 43.2 129.6

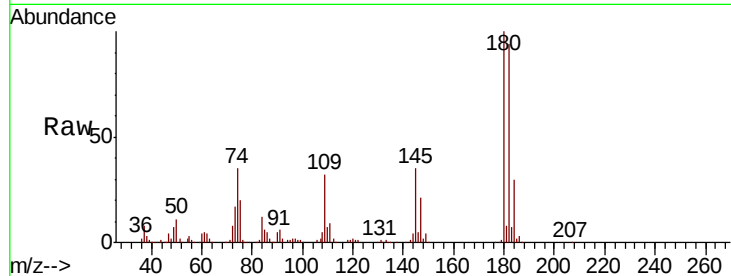




#93
 1,2,4-Trichlorobenzene
 Concen: 20.259 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.9	140.8
145	34.3	17.1	51.2

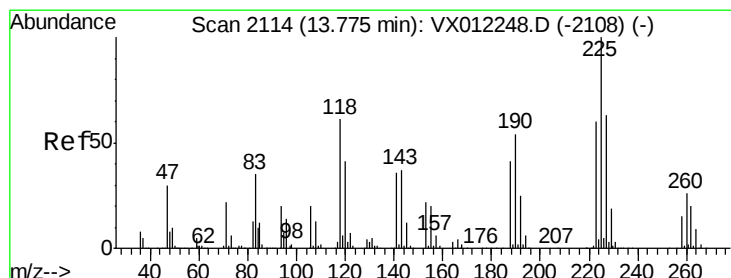
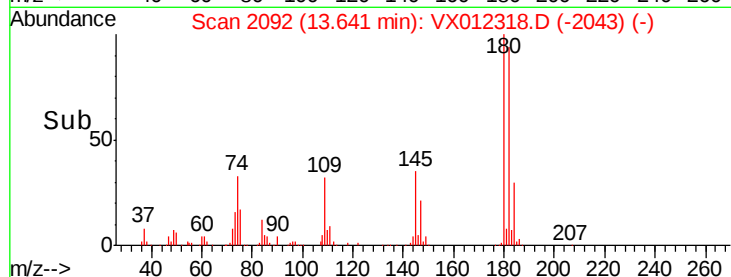
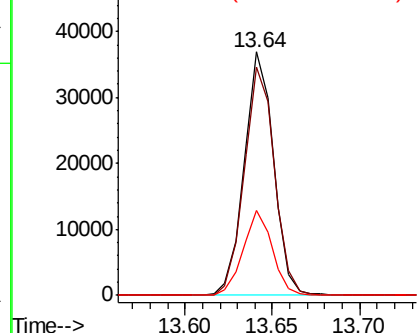


Abundance

Ion 179.80 (179.50 to 180.50): V

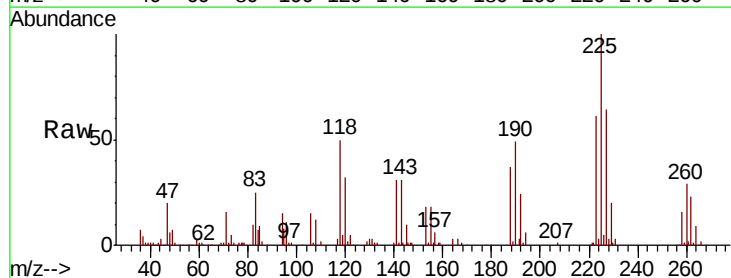
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.507 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX012318.D
 Acq: 11 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.1	96.5
227	65.6	32.5	97.5

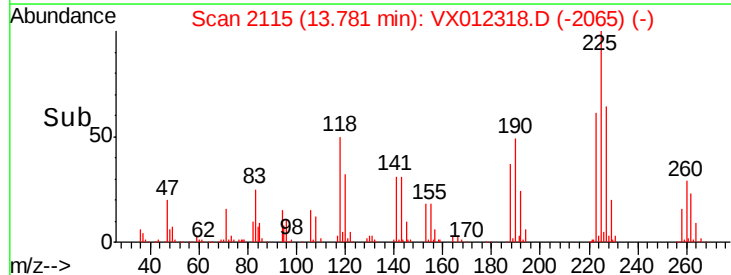
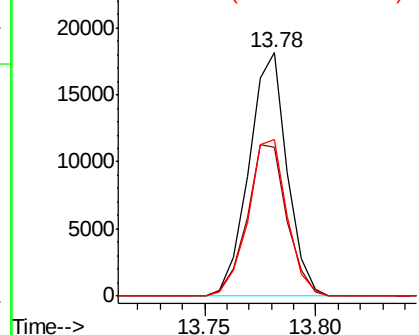


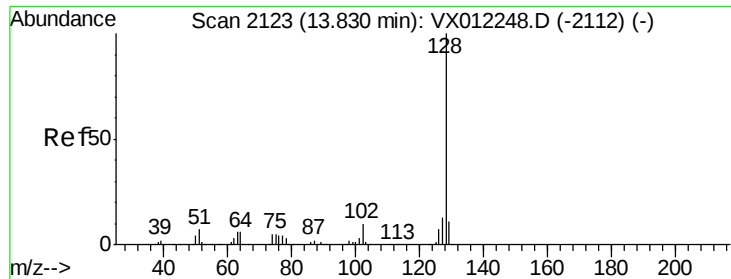
Abundance

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

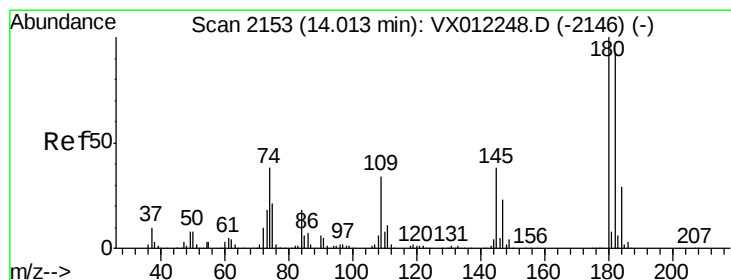
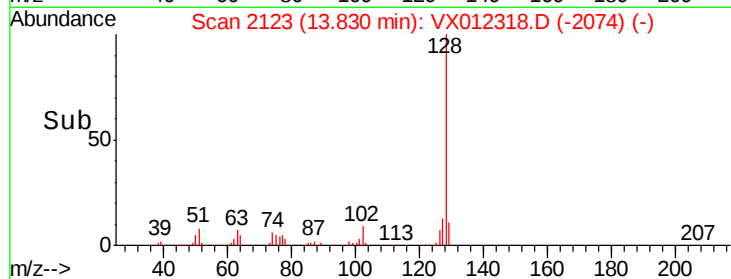
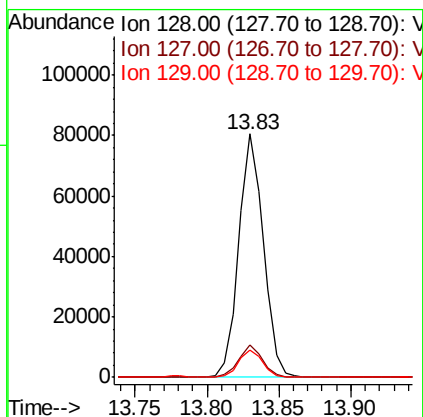
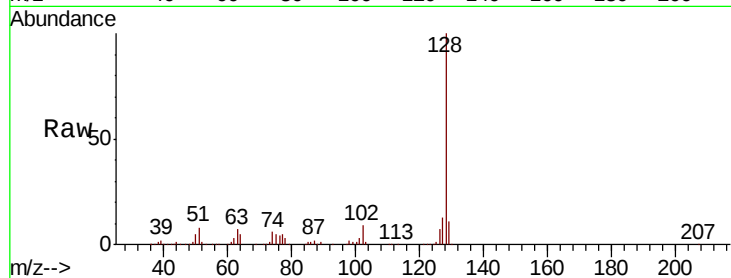




#95
Naphthalene
Concen: 21.112 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD02

Tgt Ion:128 Resp: 96058
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.192 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012318.D
Acq: 11 Sep 2019 23:29

Tgt Ion:180 Resp: 39754
Ion Ratio Lower Upper
180 100
182 92.3 47.0 141.0
145 34.8 18.6 55.8

