

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012120.D
 Acq On : 06 Sep 2019 01:29
 Operator : SY/SP
 Sample : VX0905SBS02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

Quant Time: Sep 06 05:47:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	110331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	213240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	197431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	88600	58.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.40%	
35) Dibromofluoromethane	5.48	113	66105	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	249851	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.14	95	110639	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	18903	18.579	ug/l	99
3) Chloromethane	1.31	50	20704	19.870	ug/l	100
4) Vinyl Chloride	1.39	62	18743	19.119	ug/l	95
5) Bromomethane	1.62	94	10560	21.714	ug/l	96
6) Chloroethane	1.70	64	12762	20.941	ug/l	96
7) Trichlorofluoromethane	1.91	101	29594	19.436	ug/l	94
8) Diethyl Ether	2.17	74	12279	23.336	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	20701	18.355	ug/l #	83
10) Methyl Iodide	2.50	142	12824	16.650	ug/l	94
11) Tert butyl alcohol	3.03	59	16276	111.310	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	20297	18.683	ug/l	93
13) Acrolein	2.28	56	4911	115.827	ug/l	96
14) Allyl chloride	2.71	41	39901	20.297	ug/l	97
15) Acrylonitrile	3.13	53	37414	113.154	ug/l	97
16) Acetone	2.43	43	34260	94.153	ug/l	100
17) Carbon Disulfide	2.55	76	51512	16.224	ug/l	100
18) Methyl Acetate	2.76	43	23092	26.939	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	80606	22.790	ug/l	99
20) Methylene Chloride	2.84	84	29497	20.187	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	24726	19.395	ug/l	87
22) Diisopropyl ether	3.84	45	90469	22.578	ug/l	97
23) Vinyl Acetate	3.80	43	272395	105.090	ug/l	98
24) 1,1-Dichloroethane	3.68	63	49372	21.245	ug/l	99
25) 2-Butanone	4.66	43	51253	110.654	ug/l	98
26) 2,2-Dichloropropane	4.57	77	36908	17.202	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	30887	20.668	ug/l	93
28) Bromochloromethane	5.00	49	22950	24.740	ug/l #	75
29) Tetrahydrofuran	5.12	42	32242	115.534	ug/l	98
30) Chloroform	5.19	83	54653	21.918	ug/l	94
31) Cyclohexane	5.56	56	33800	18.110	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	45349	20.881	ug/l	96
36) 1,1-Dichloropropene	5.79	75	34425	18.330	ug/l	94
37) Ethyl Acetate	4.82	43	22842	22.366	ug/l	99
38) Carbon Tetrachloride	5.77	117	36659	18.524	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Sep 06 05:47:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	36133	16.577	ug/l	96
40) Benzene	6.13	78	104333	19.351	ug/l	100
41) Methacrylonitrile	5.03	41	13506	22.175	ug/l	98
42) 1,2-Dichloroethane	6.18	62	42617	21.964	ug/l	97
43) Isopropyl Acetate	6.44	43	44858	21.601	ug/l	100
44) Trichloroethene	7.20	130	27397	18.839	ug/l	85
45) 1,2-Dichloropropane	7.50	63	28060	20.143	ug/l	95
46) Dibromomethane	7.65	93	16805	20.666	ug/l #	72
47) Bromodichloromethane	7.89	83	41833	20.238	ug/l	98
48) Methyl methacrylate	7.76	41	23002	22.029	ug/l	95
49) 1,4-Dioxane	7.73	88	6394	449.206	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	117389	111.137	ug/l	98
52) Toluene	8.78	92	68196	19.440	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	41172	19.240	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	45007	18.913	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	24416	21.001	ug/l	98
56) Ethyl methacrylate	9.17	69	34000	20.417	ug/l	93
57) 1,3-Dichloropropane	9.37	76	42012	20.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	87915	117.100	ug/l	93
59) 2-Hexanone	9.48	43	82116	106.544	ug/l	97
60) Dibromochloromethane	9.57	129	28164	20.326	ug/l	100
61) 1,2-Dibromoethane	9.67	107	23073	20.539	ug/l	99
64) Tetrachloroethene	9.33	164	25989	21.114	ug/l	88
65) Chlorobenzene	10.14	112	76634	19.673	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	28808	20.225	ug/l	96
67) Ethyl Benzene	10.25	91	135047	19.019	ug/l	96
68) m/p-Xylenes	10.36	106	98479	37.643	ug/l	88
69) o-Xylene	10.70	106	49443	19.490	ug/l	92
70) Styrene	10.71	104	86090	19.538	ug/l	94
71) Bromoform	10.85	173	15460	19.761	ug/l #	99
73) Isopropylbenzene	11.01	105	133035	18.606	ug/l	96
74) N-amyl acetate	10.89	43	40598	19.204	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	30708	20.601	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	33391	28.043	ug/l	77
77) Bromobenzene	11.25	156	31704	19.826	ug/l	69
78) n-propylbenzene	11.35	91	158424	18.340	ug/l	93
79) 2-Chlorotoluene	11.42	91	100337	19.173	ug/l	89
80) 1,3,5-Trimethylbenzene	11.50	105	119764	19.114	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.07	75	7754	15.396	ug/l #	84
82) 4-Chlorotoluene	11.51	91	121997	19.559	ug/l	90
83) tert-Butylbenzene	11.76	119	110697	18.536	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	120169	18.660	ug/l	95
85) sec-Butylbenzene	11.94	105	134809	18.174	ug/l	94
86) p-Isopropyltoluene	12.06	119	121700	18.040	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	60985	19.032	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	61950	19.335	ug/l	92
89) n-Butylbenzene	12.39	91	117034	17.859	ug/l	96
90) Hexachloroethane	12.59	117	24182	17.953	ug/l	55
91) 1,2-Dichlorobenzene	12.39	146	58095	20.131	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6117	19.611	ug/l	64

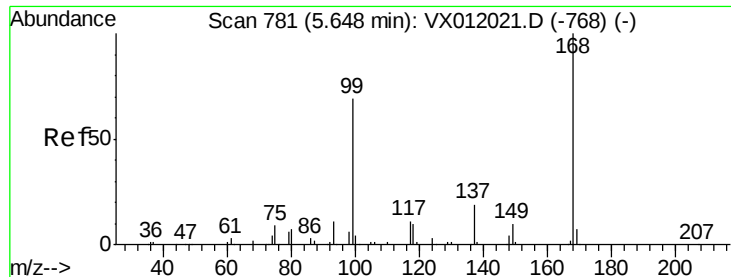
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
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Quant Time: Sep 06 05:47:24 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	37421	18.218	ug/l	95
94) Hexachlorobutadiene	13.78	225	18731	18.090	ug/l	98
95) Naphthalene	13.83	128	83303	18.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	33815	18.712	ug/l	95

(#) = 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: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

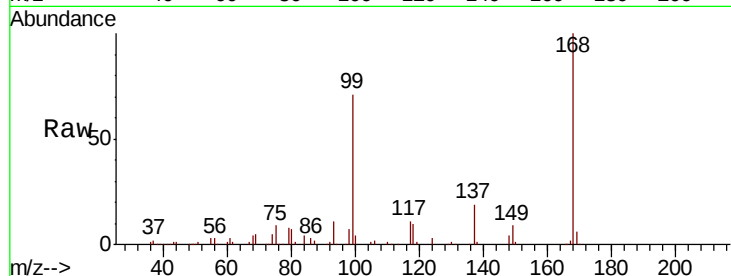
VX0905SBS02

Tgt Ion:168 Resp: 110331

Ion Ratio Lower Upper

168 100

99 70.7 37.6 56.4#



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

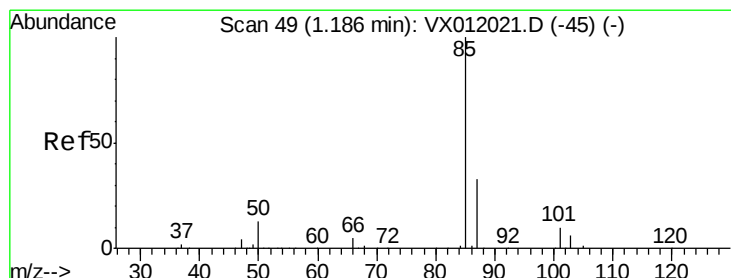
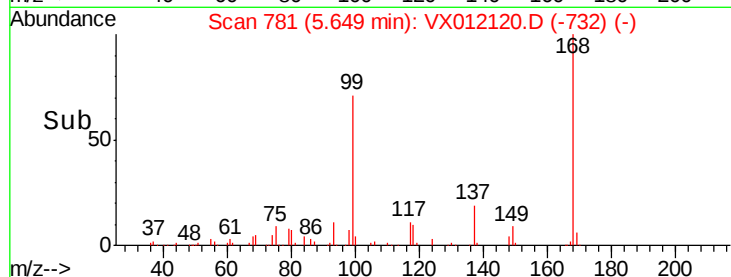
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 18.579 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012120.D

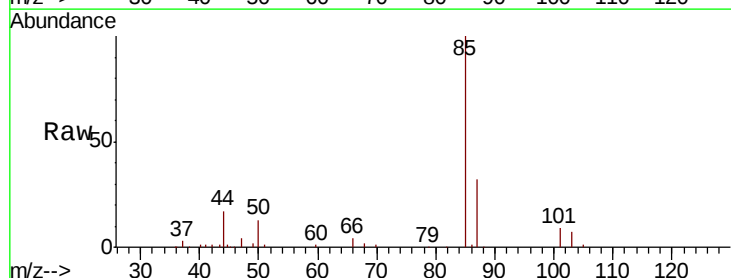
Acq: 06 Sep 2019 01:29

Tgt Ion: 85 Resp: 18903

Ion Ratio Lower Upper

85 100

87 31.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

15000

10000

5000

0

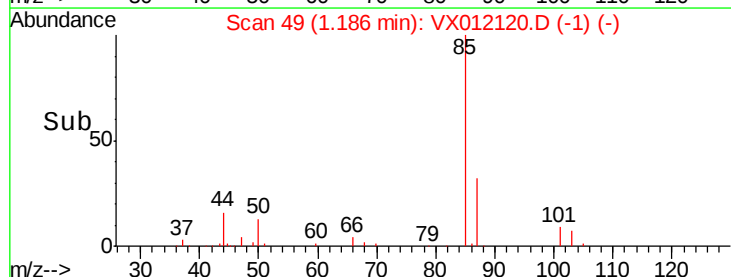
Time-->

1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 19.870 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

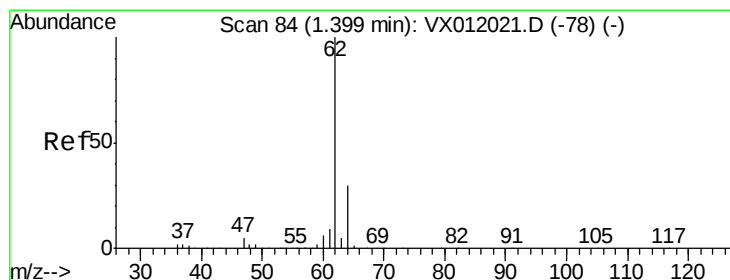
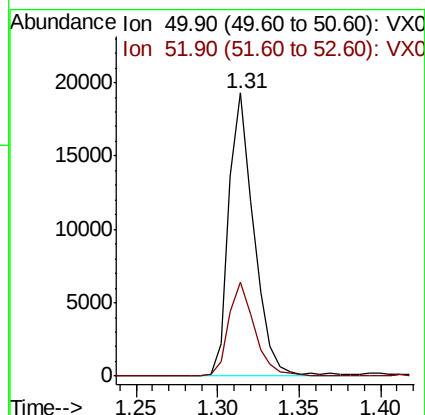
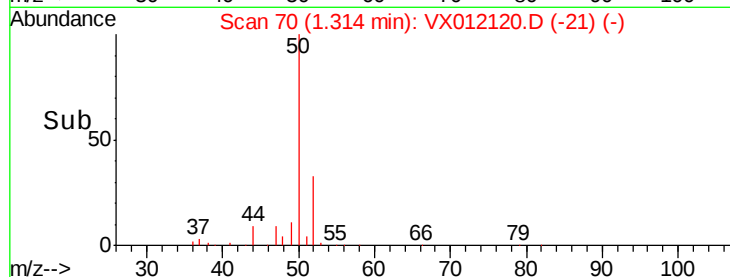
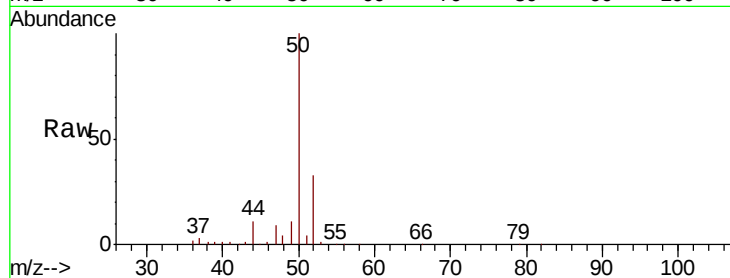
VX0905SBS02

Tgt Ion: 50 Resp: 20704

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7



#4

Vinyl Chloride

Concen: 19.119 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012120.D

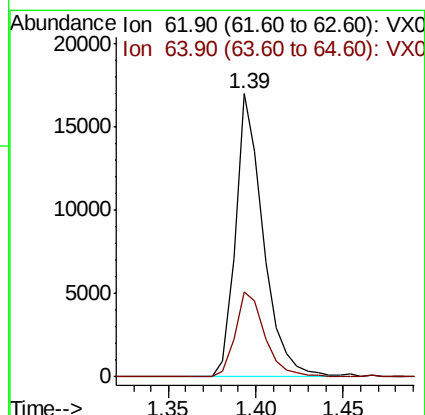
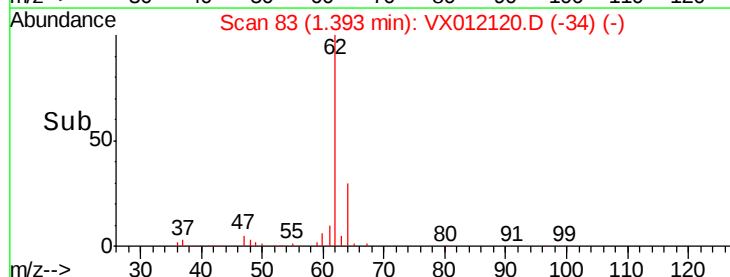
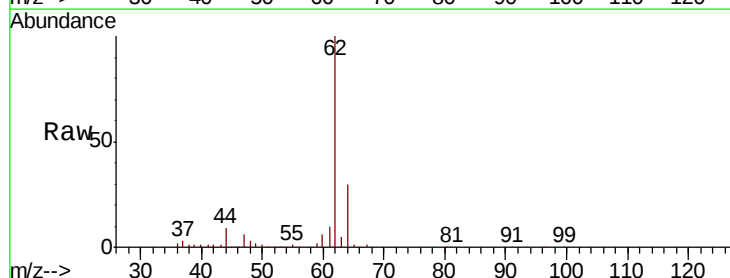
Acq: 06 Sep 2019 01:29

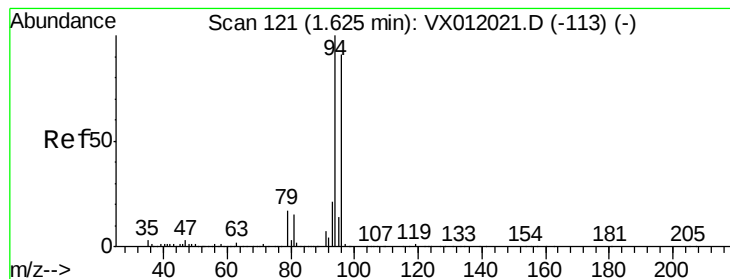
Tgt Ion: 62 Resp: 18743

Ion Ratio Lower Upper

62 100

64 30.1 26.2 39.4





#5

Bromomethane

Concen: 21.714 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

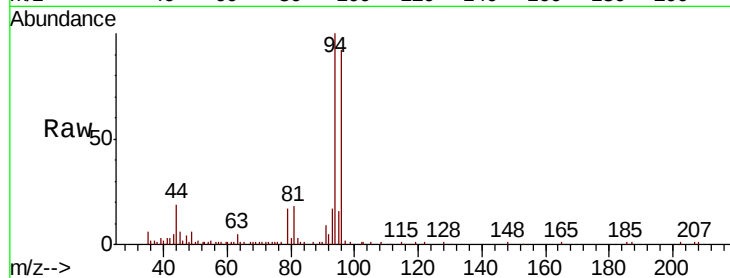
VX0905SBS02

Tgt Ion: 94 Resp: 10560

Ion Ratio Lower Upper

94 100

96 91.4 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

12000

10000

8000

6000

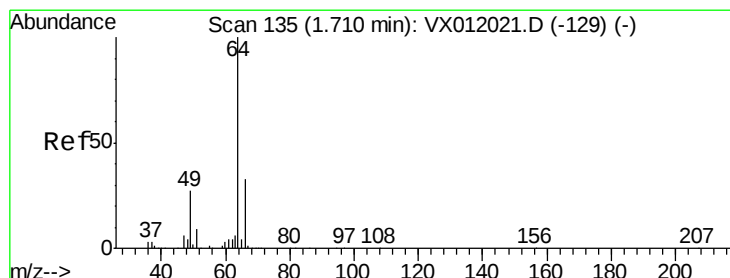
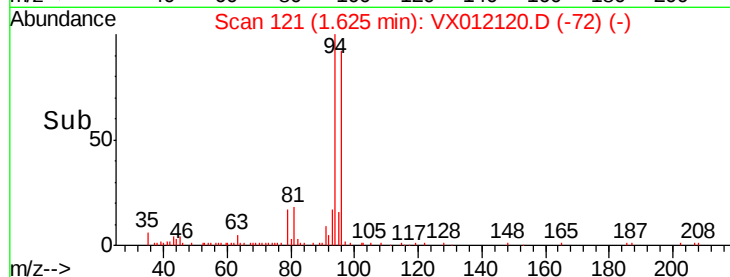
4000

2000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 20.941 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012120.D

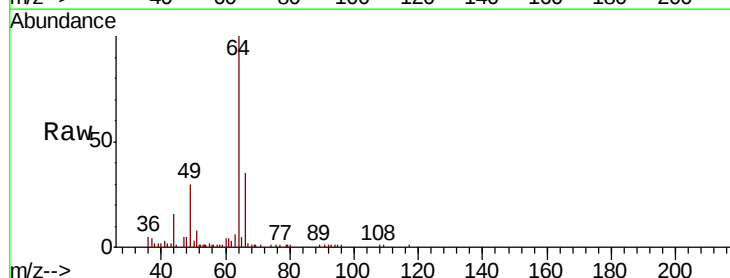
Acq: 06 Sep 2019 01:29

Tgt Ion: 64 Resp: 12762

Ion Ratio Lower Upper

64 100

66 35.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

10000

8000

6000

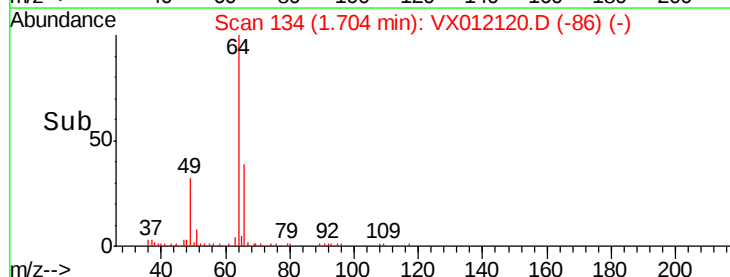
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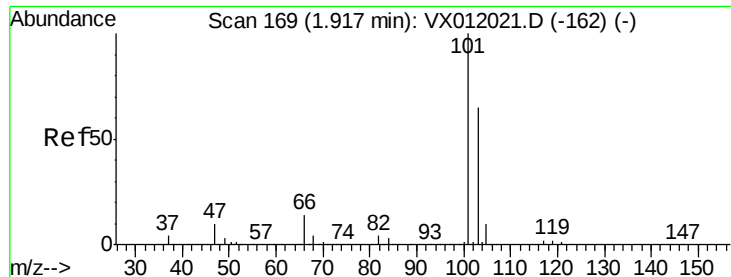
2000

0

1.65 1.70 1.75 1.80

Time-->



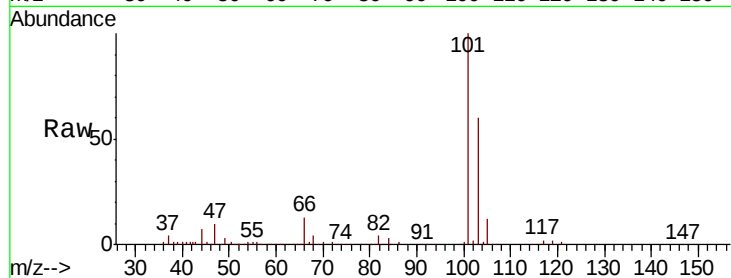


#7

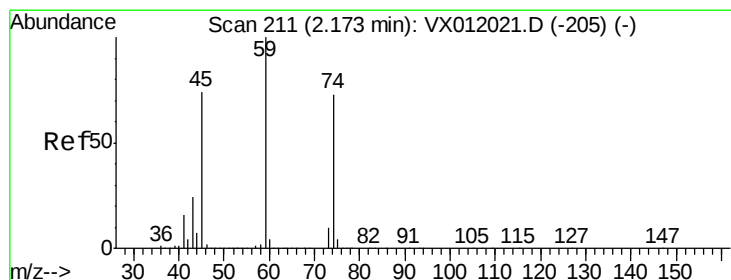
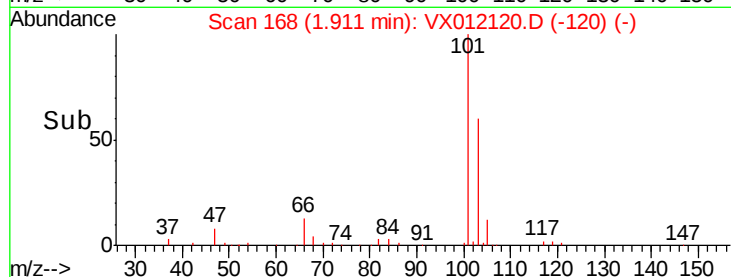
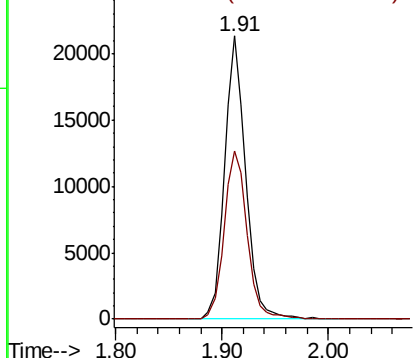
Trichlorofluoromethane
 Concen: 19.436 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

Tgt Ion: 101 Resp: 29594
 Ion Ratio Lower Upper
 101 100
 103 59.6 51.6 77.4



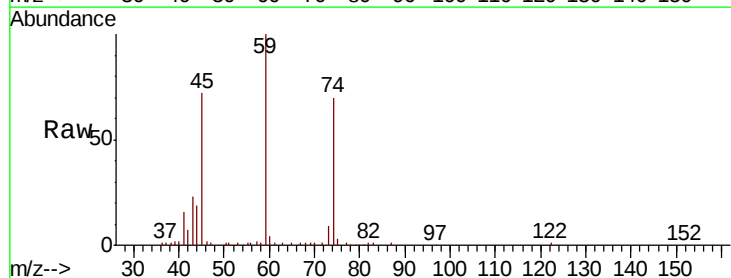
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



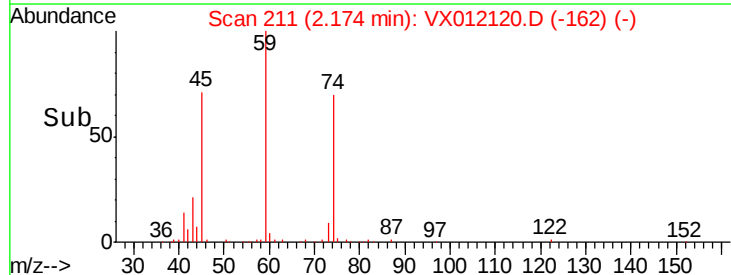
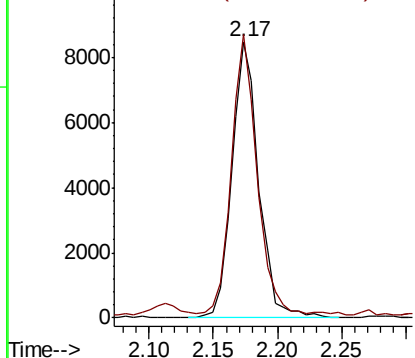
#8

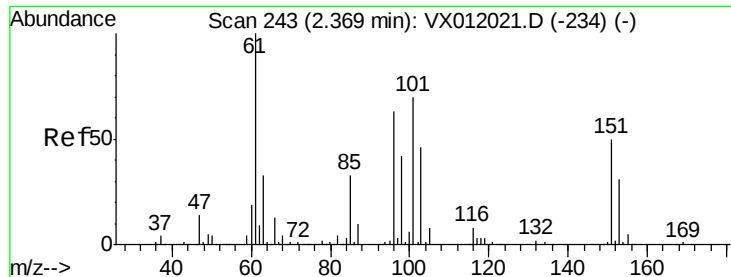
Diethyl Ether
 Concen: 23.336 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 74 Resp: 12279
 Ion Ratio Lower Upper
 74 100
 45 96.0 45.9 137.6



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: 18.355 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

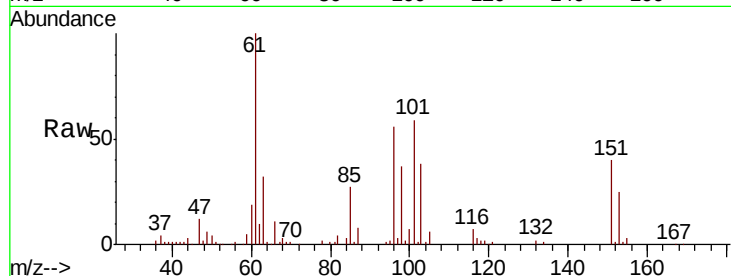
Tgt Ion:101 Resp: 20701

Ion Ratio Lower Upper

101 100

85 47.0 34.5 51.7

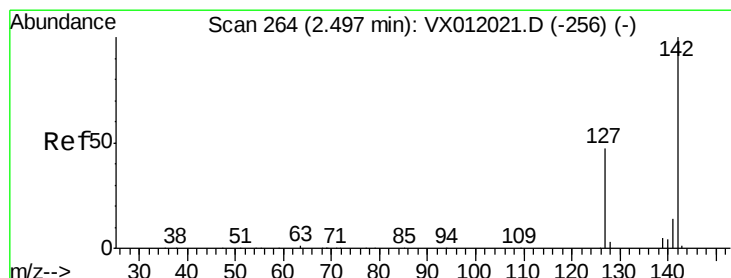
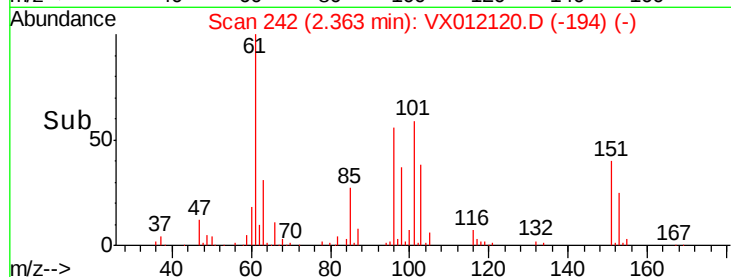
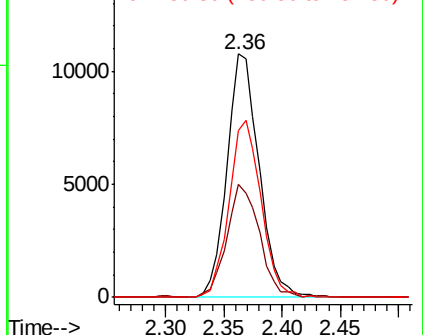
151 72.3 75.0 112.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.650 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

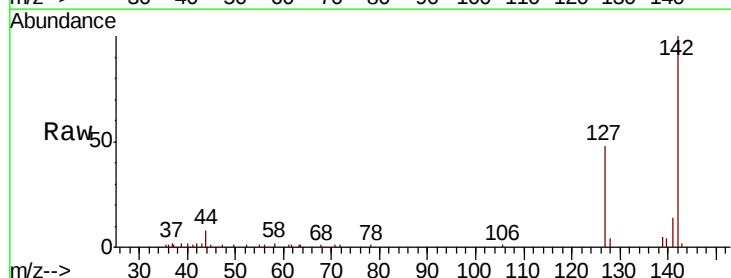
Tgt Ion:142 Resp: 12824

Ion Ratio Lower Upper

142 100

127 49.3 35.4 53.2

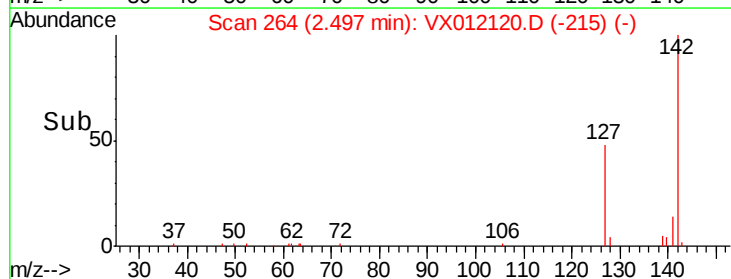
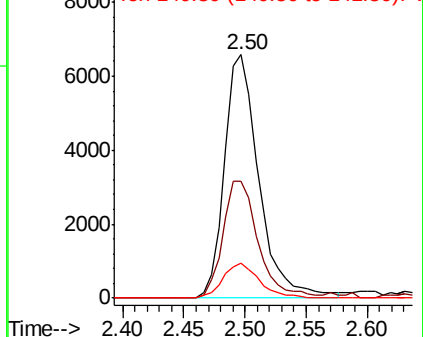
141 15.2 11.4 17.2

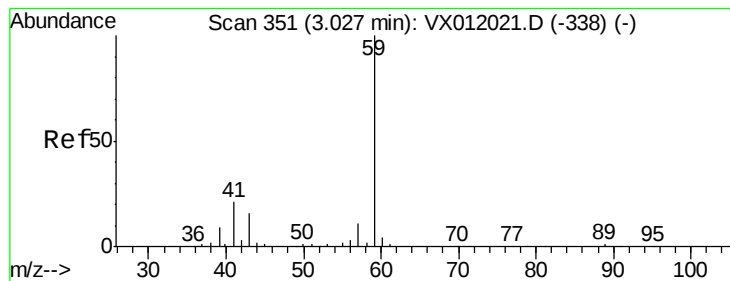


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



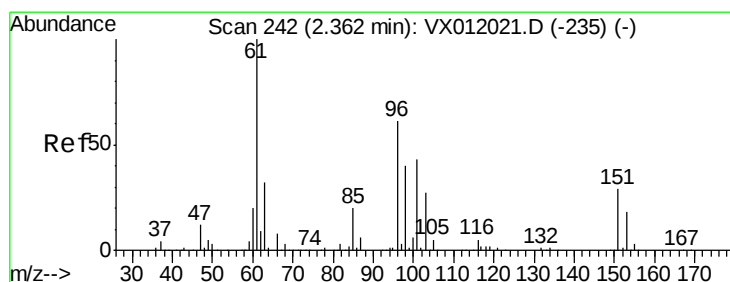
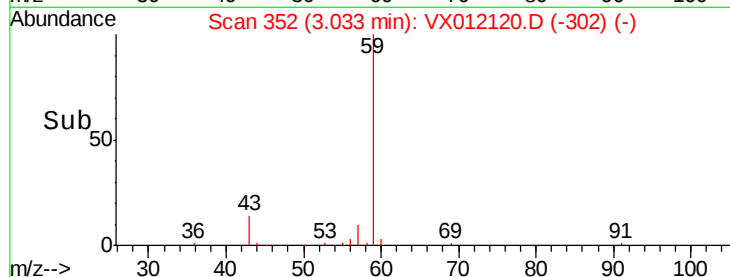
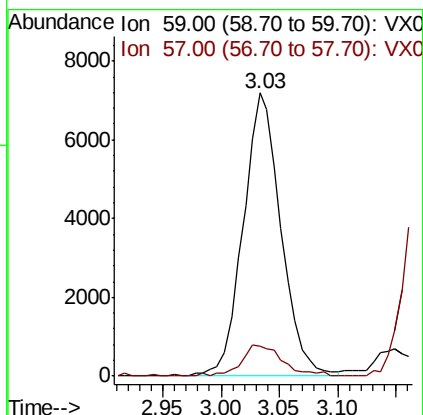
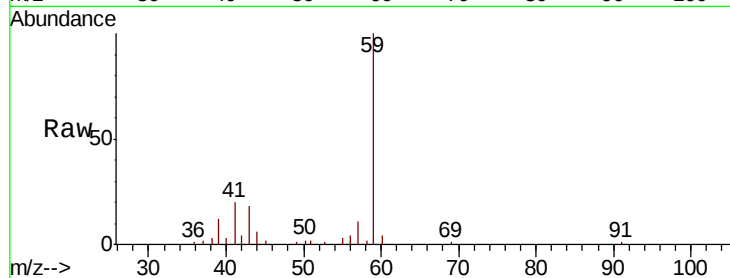


#11

Tert butyl alcohol
 Concen: 111.310 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

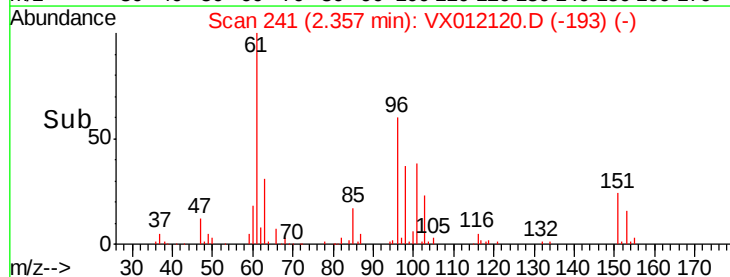
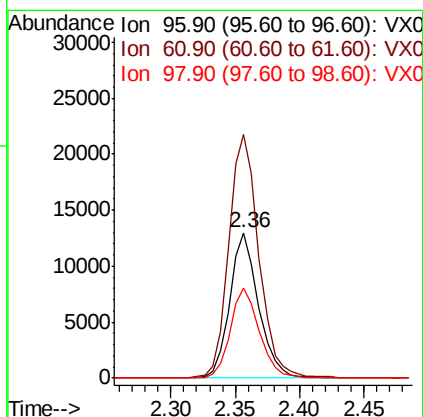
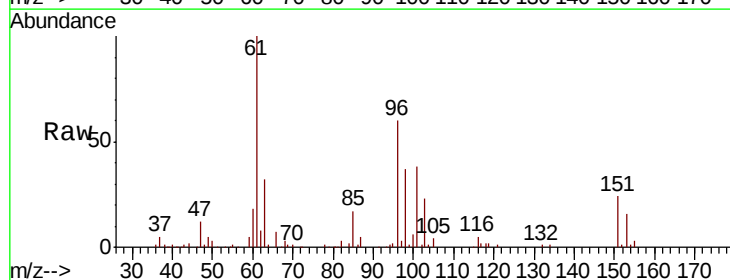
Tgt Ion: 59 Resp: 16276
 Ion Ratio Lower Upper
 59 100
 57 12.1 7.9 11.9#

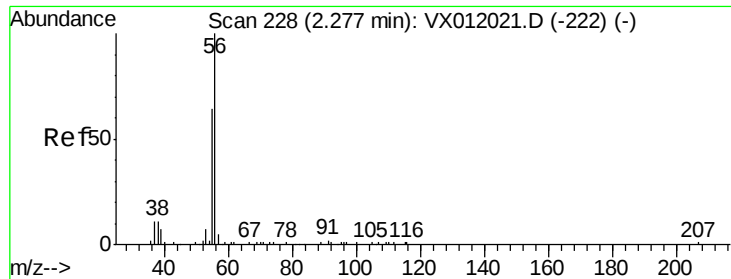


#12

1,1-Dichloroethene
 Concen: 18.683 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 96 Resp: 20297
 Ion Ratio Lower Upper
 96 100
 61 167.6 124.1 186.1
 98 61.9 50.2 75.2





#13

Acrolein

Concen: 115.827 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

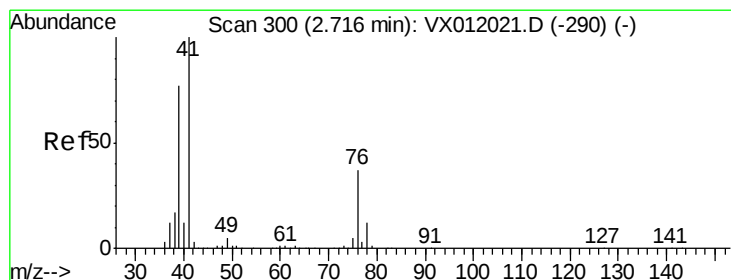
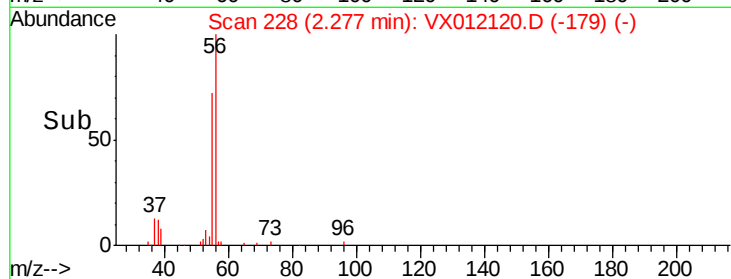
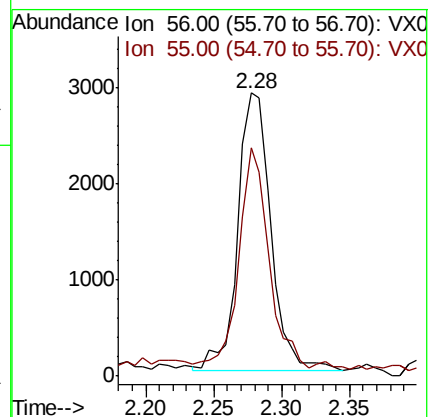
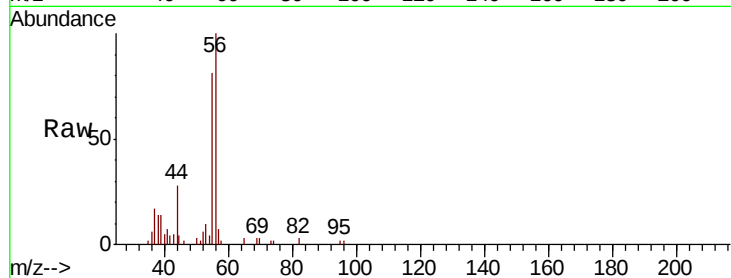
VX0905SBS02

Tgt Ion: 56 Resp: 4911

Ion Ratio Lower Upper

56 100

55 71.0 59.2 88.8



#14

Allyl chloride

Concen: 20.297 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

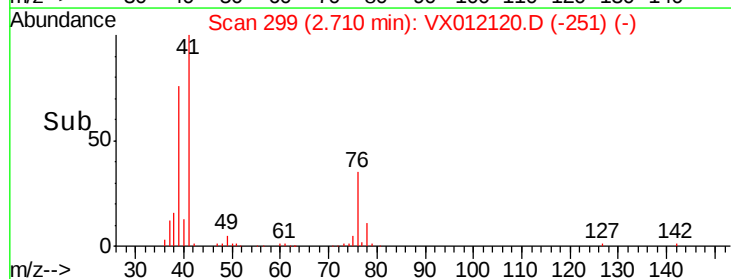
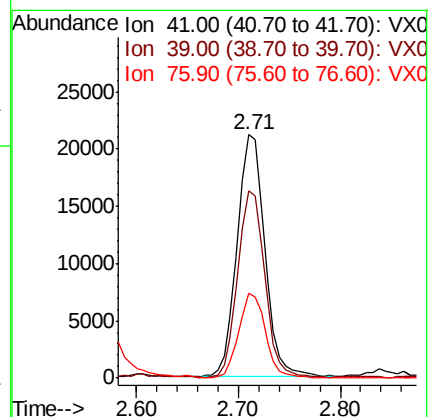
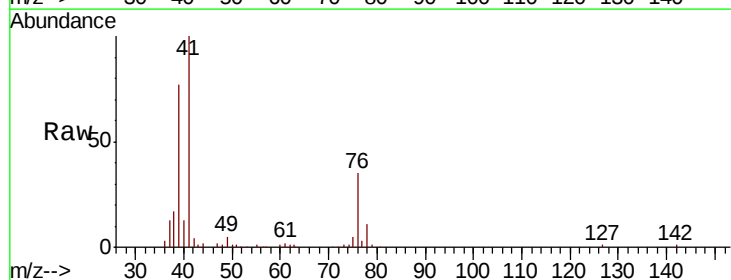
Tgt Ion: 41 Resp: 39901

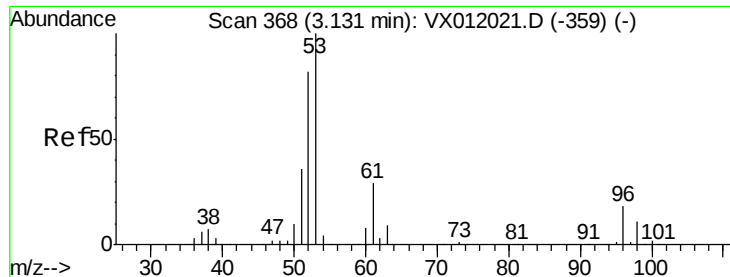
Ion Ratio Lower Upper

41 100

39 74.7 57.9 86.9

76 33.6 28.5 42.7





#15

Acrylonitrile

Concen: 113.154 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

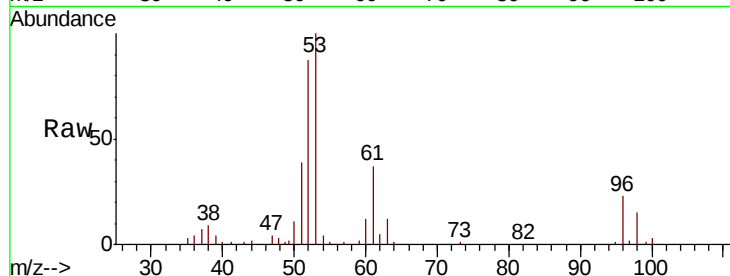
Tgt Ion: 53 Resp: 37414

Ion Ratio Lower Upper

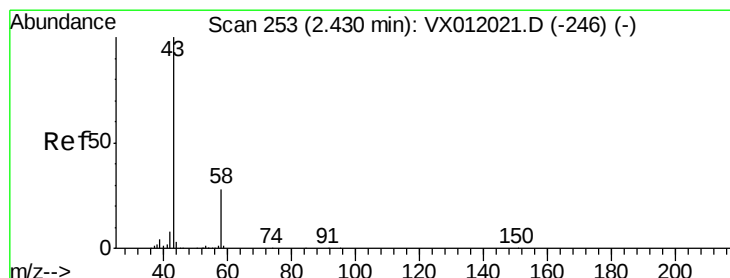
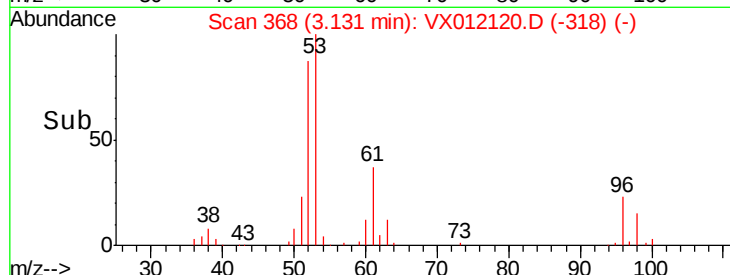
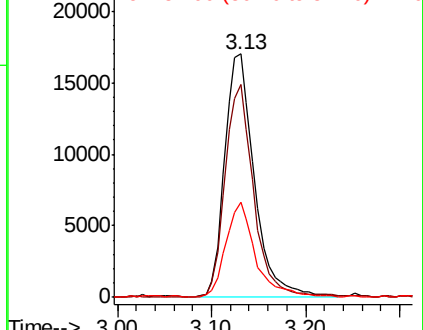
53 100

52 84.1 65.6 98.4

51 39.2 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.153 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012120.D

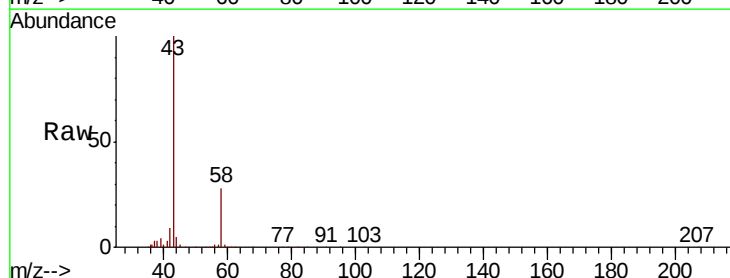
Acq: 06 Sep 2019 01:29

Tgt Ion: 43 Resp: 34260

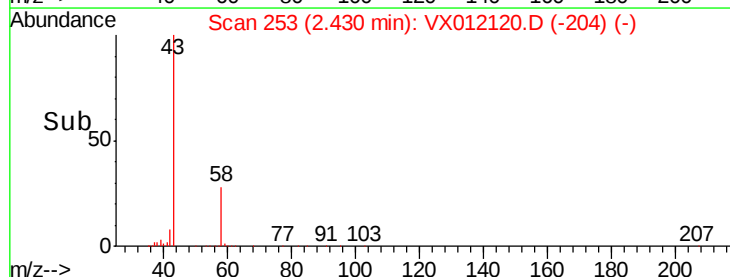
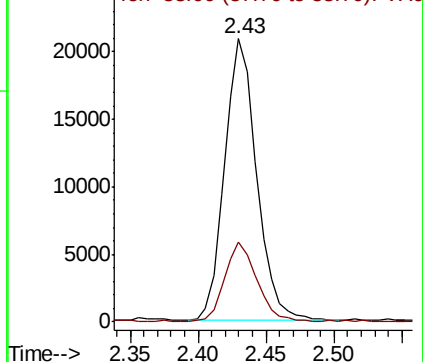
Ion Ratio Lower Upper

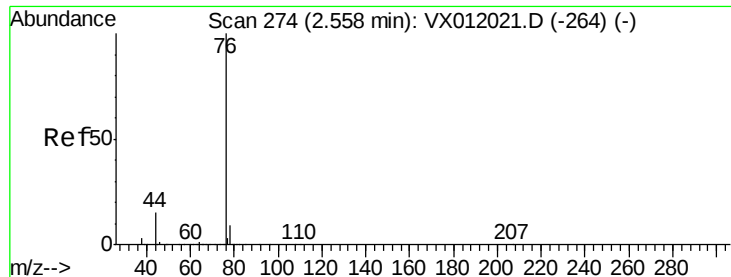
43 100

58 28.3 22.8 34.2



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

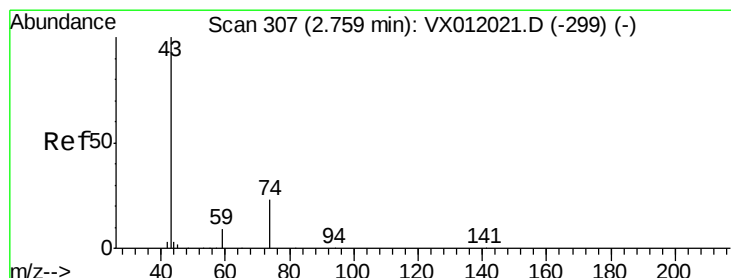
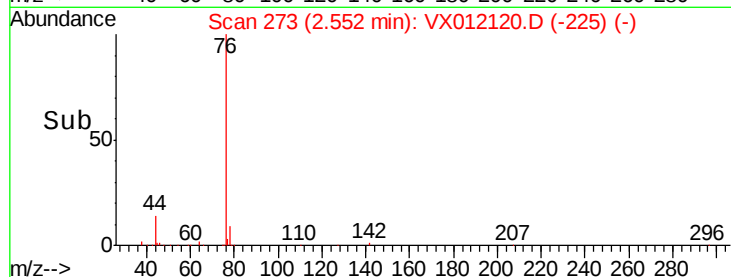
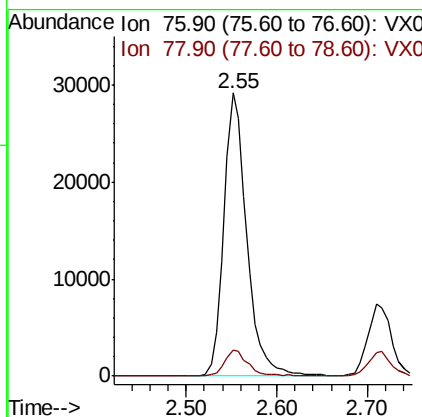
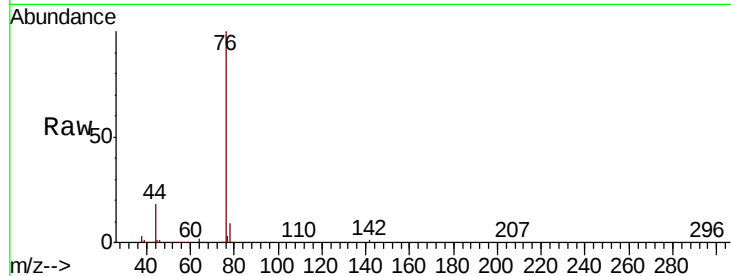




#17
Carbon Disulfide
Concen: 16.224 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

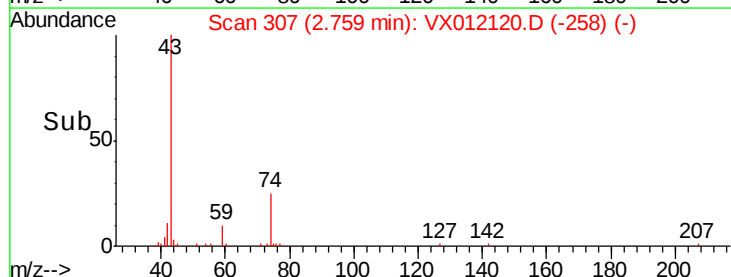
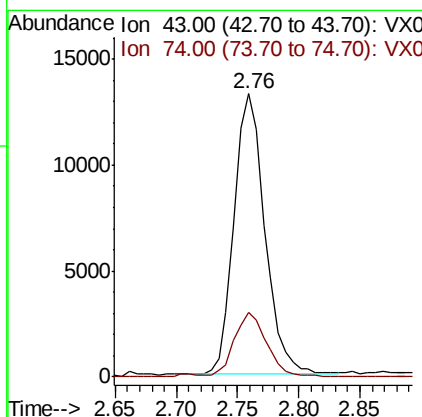
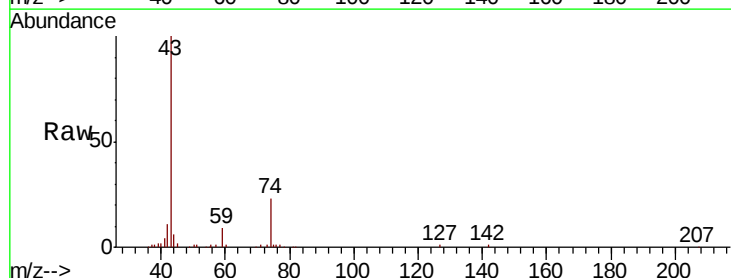
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

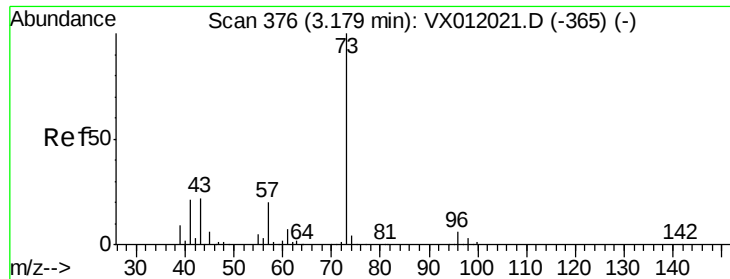
Tgt Ion: 76 Resp: 51512
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 26.939 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion: 43 Resp: 23092
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3

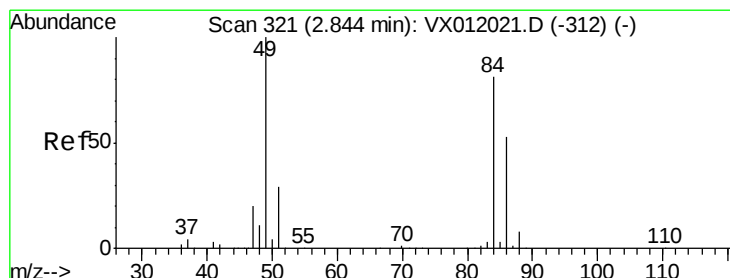
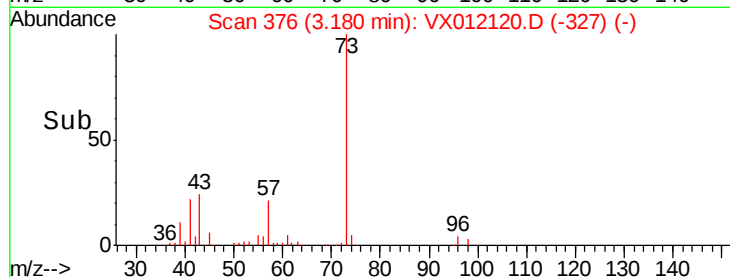
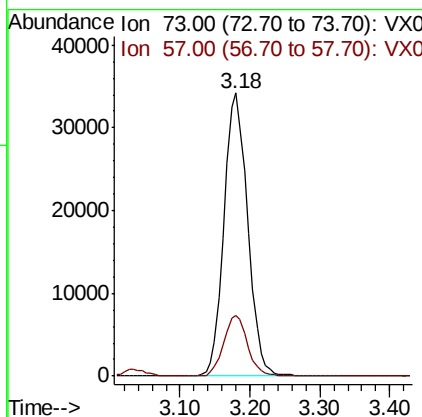
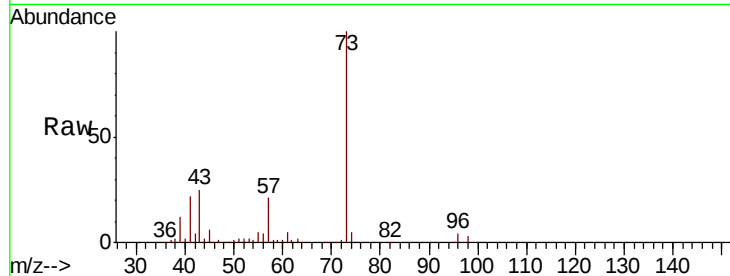




#19
Methyl tert-butyl Ether
Concen: 22.790 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

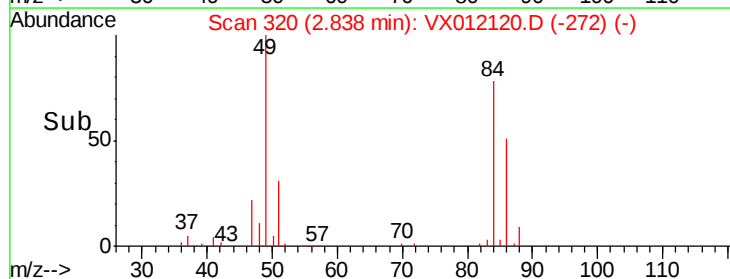
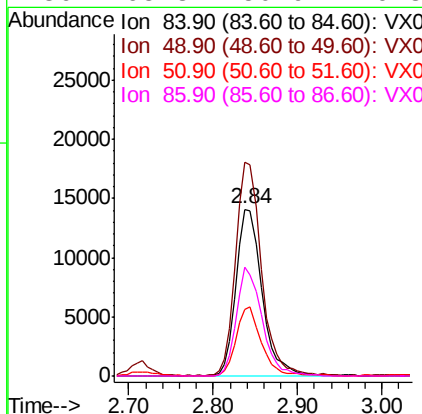
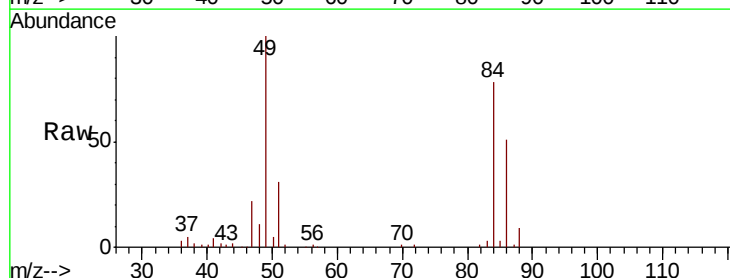
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

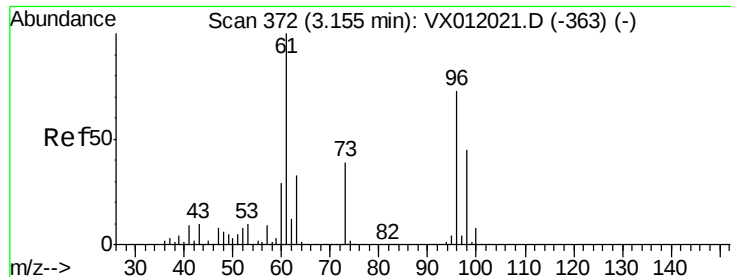
Tgt Ion: 73 Resp: 80606
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 20.187 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion: 84 Resp: 29497
Ion Ratio Lower Upper
84 100
49 127.5 95.8 143.8
51 39.7 28.6 43.0
86 65.3 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 19.395 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

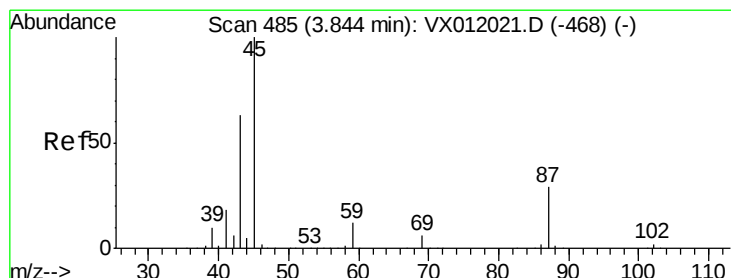
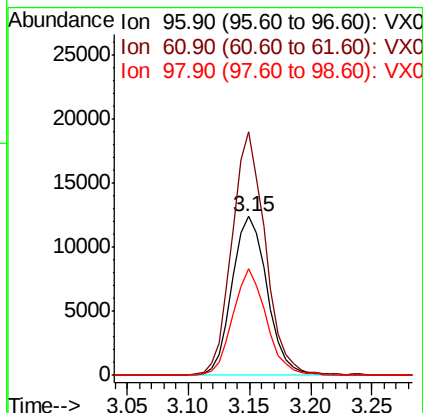
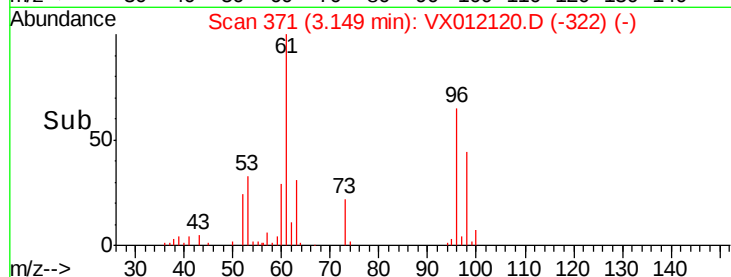
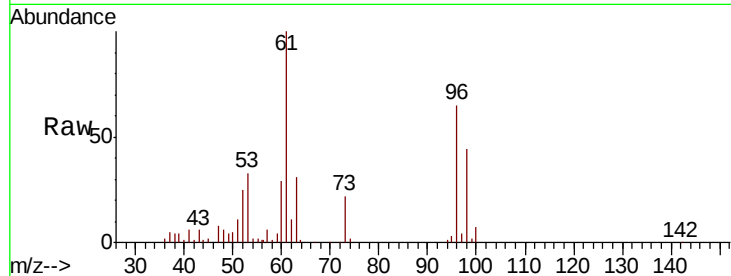
Tgt Ion: 96 Resp: 24726

Ion Ratio Lower Upper

96 100

61 153.5 107.0 160.6

98 67.0 49.8 74.6



#22

Diisopropyl ether

Concen: 22.578 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Tgt Ion: 45 Resp: 90469

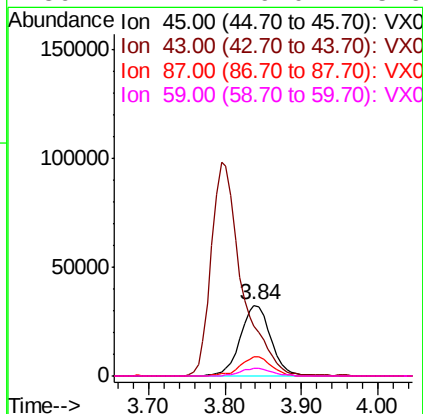
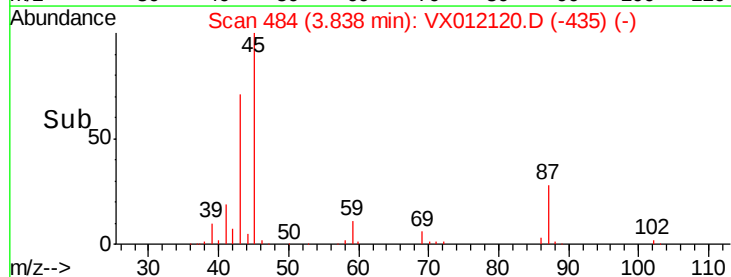
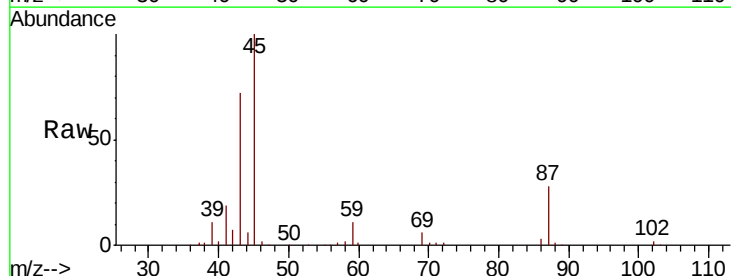
Ion Ratio Lower Upper

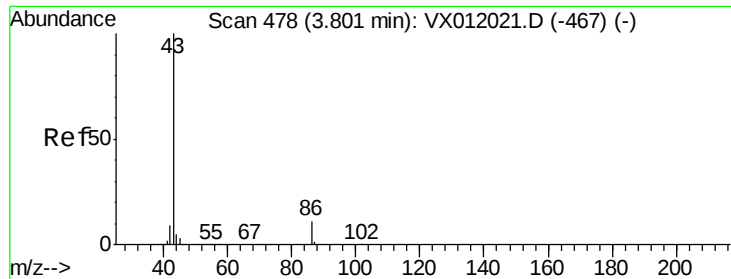
45 100

43 70.5 54.2 81.4

87 27.6 23.4 35.0

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 105.090 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

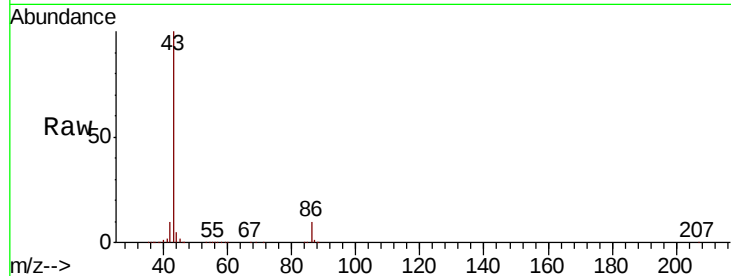
VX0905SBS02

Tgt Ion: 43 Resp: 272395

Ion Ratio Lower Upper

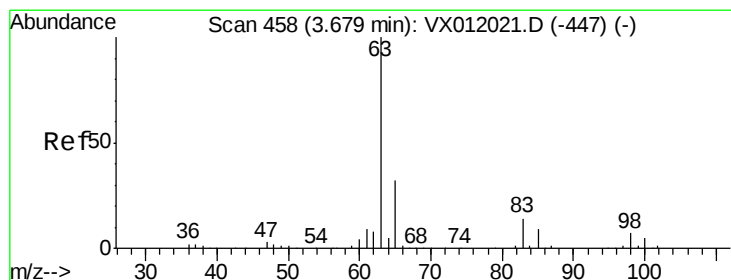
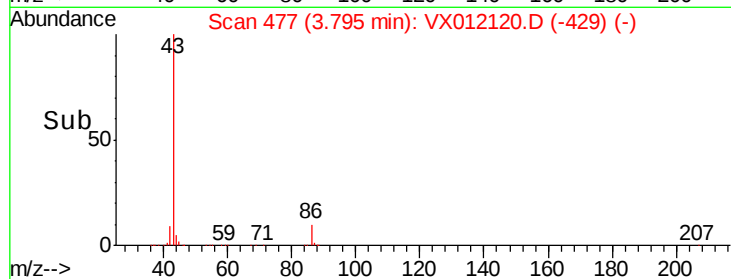
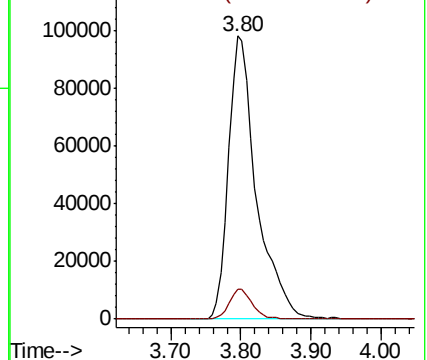
43 100

86 10.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.245 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

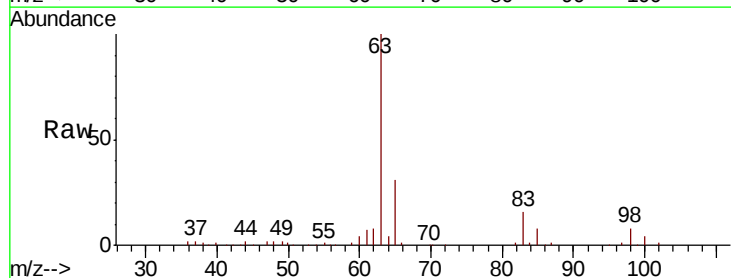
Tgt Ion: 63 Resp: 49372

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

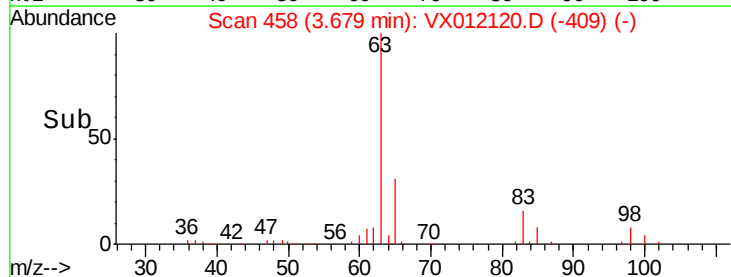
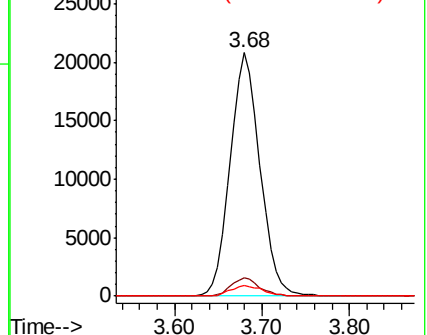
100 4.4 2.5 7.4

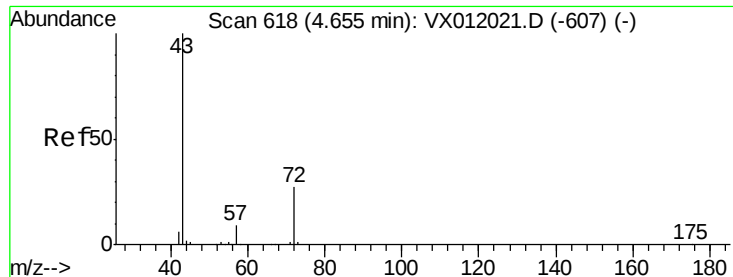


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 110.654 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

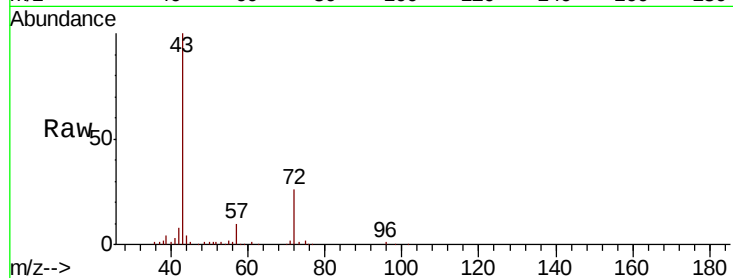
VX0905SBS02

Tgt Ion: 43 Resp: 51253

Ion Ratio Lower Upper

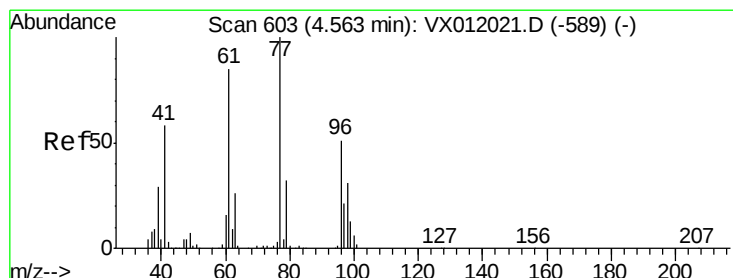
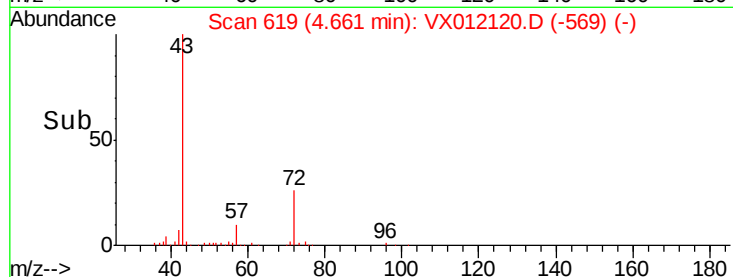
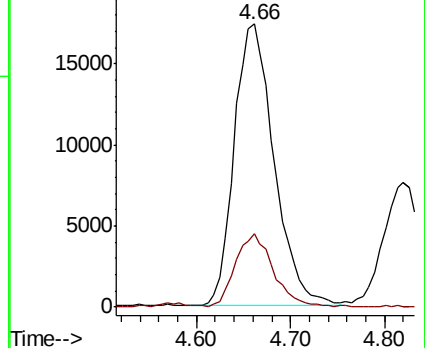
43 100

72 25.8 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.202 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012120.D

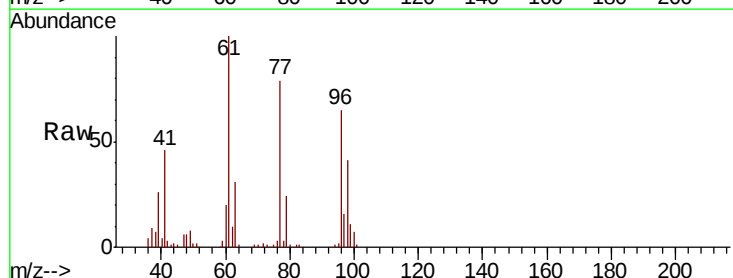
Acq: 06 Sep 2019 01:29

Tgt Ion: 77 Resp: 36908

Ion Ratio Lower Upper

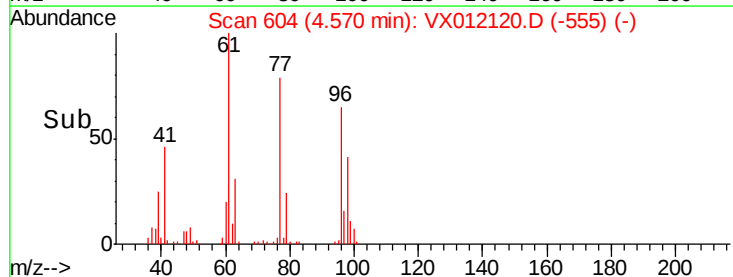
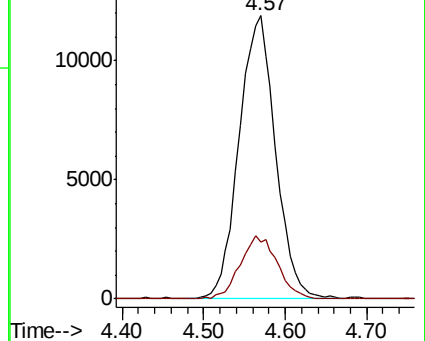
77 100

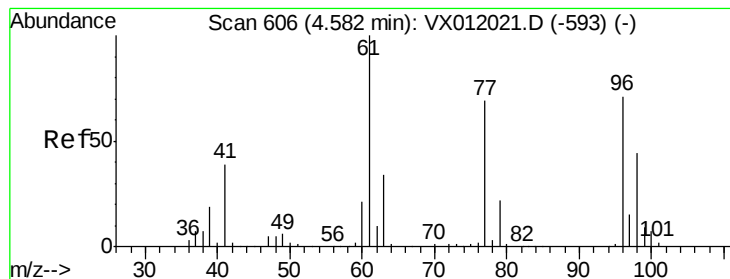
97 22.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



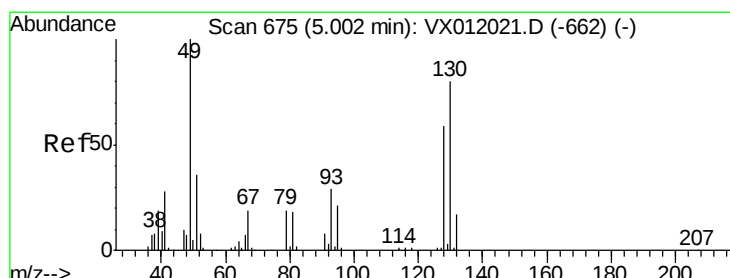
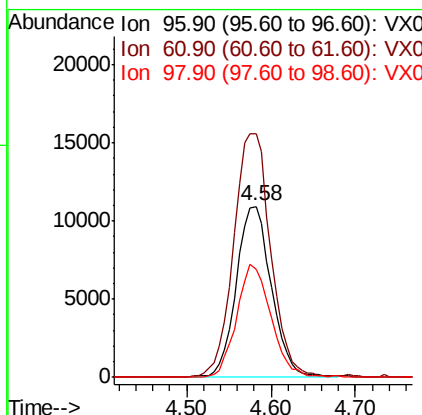
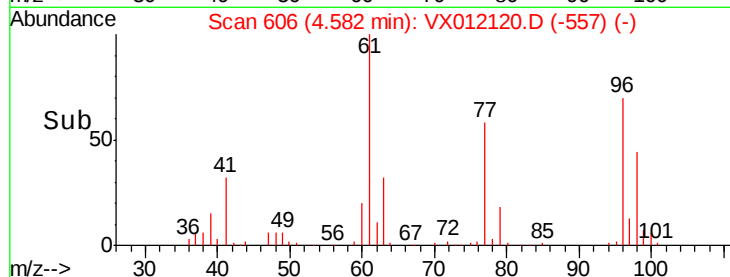
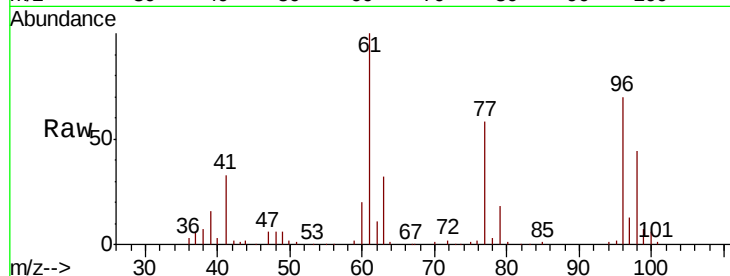


#27

cis-1,2-Dichloroethene
 Concen: 20.668 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

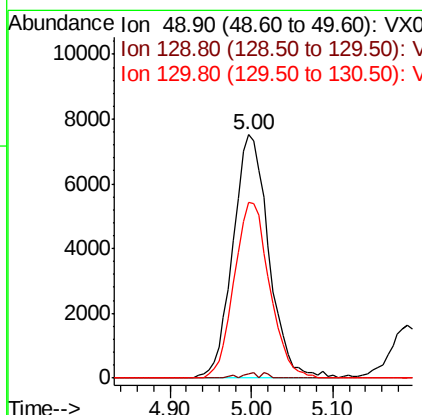
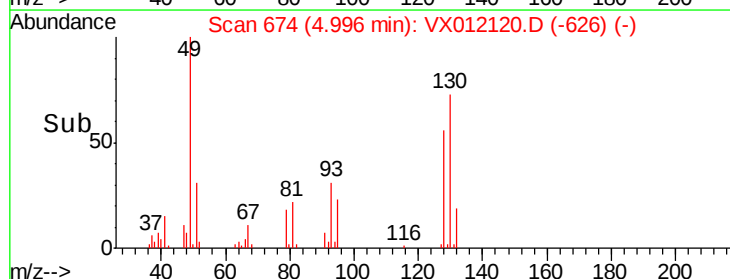
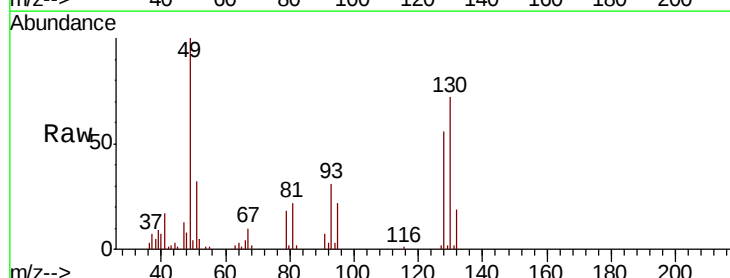
Tgt Ion: 96 Resp: 30887
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 277.0
 98 64.3 0.0 128.4

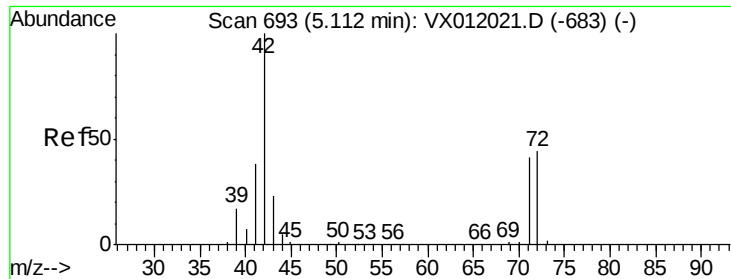


#28

Bromochloromethane
 Concen: 24.740 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 49 Resp: 22950
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 5.6
 130 71.2 76.7 115.1#

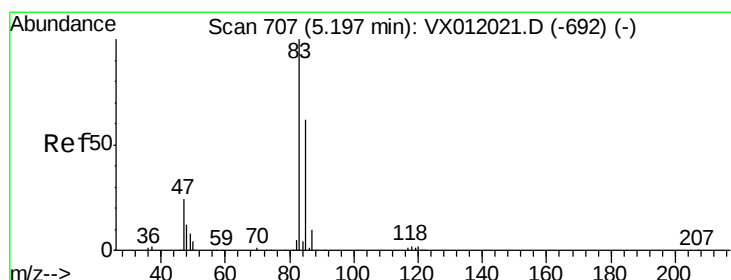
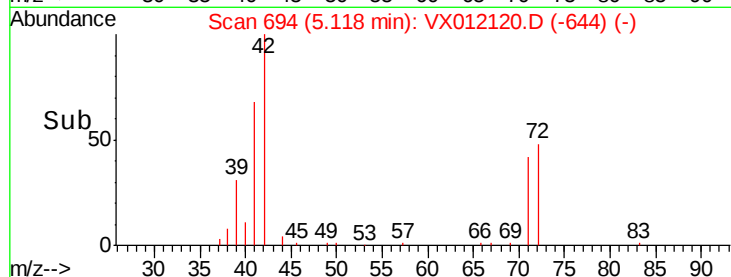
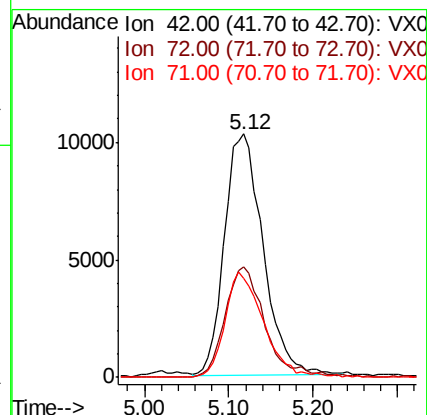
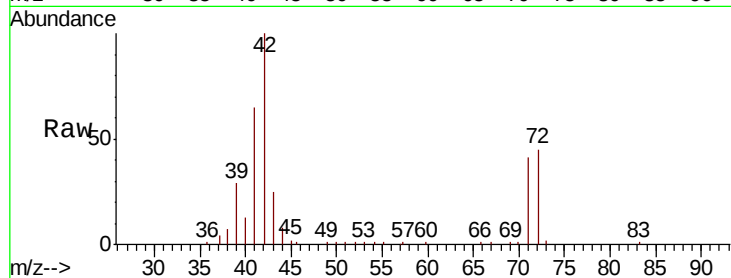




#29
Tetrahydrofuran
Concen: 115.534 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

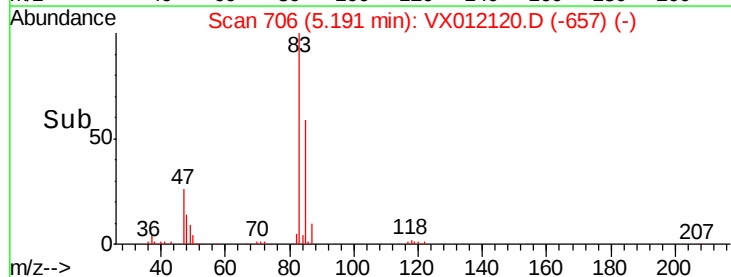
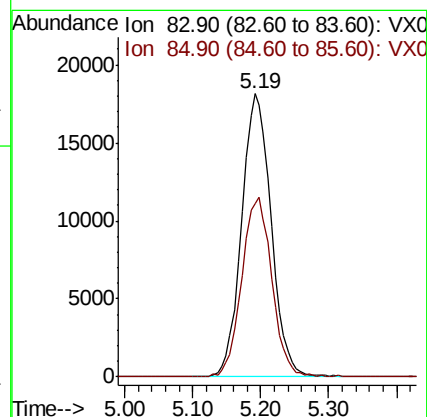
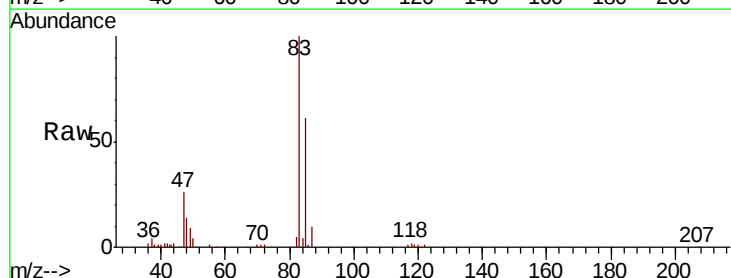
Instrument :
MSVOA_X
ClientSampled :
VX0905SBS02

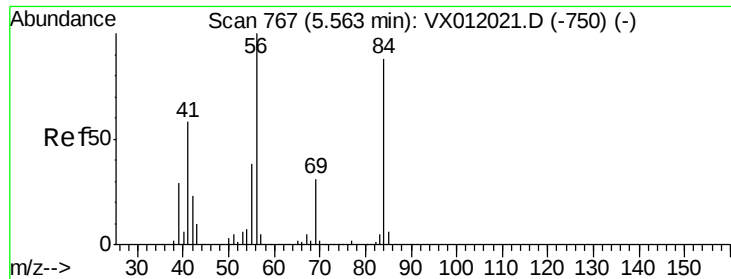
Tgt Ion: 42 Resp: 32242
Ion Ratio Lower Upper
42 100
72 47.3 37.0 55.4
71 43.5 33.8 50.8



#30
Chloroform
Concen: 21.918 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion: 83 Resp: 54653
Ion Ratio Lower Upper
83 100
85 61.3 52.6 78.8

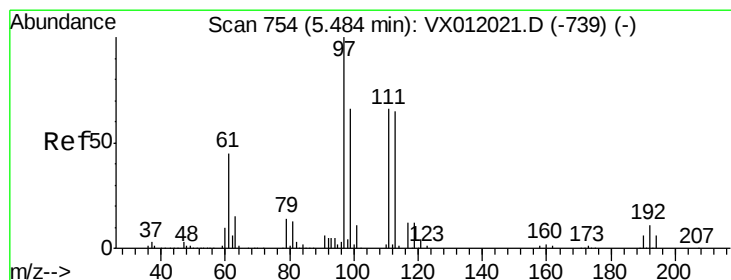
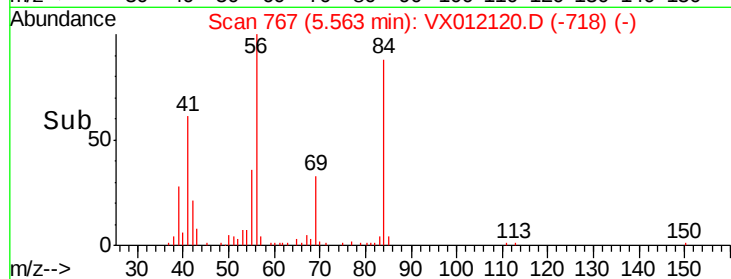
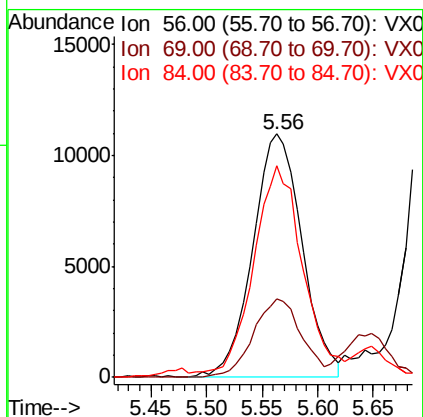
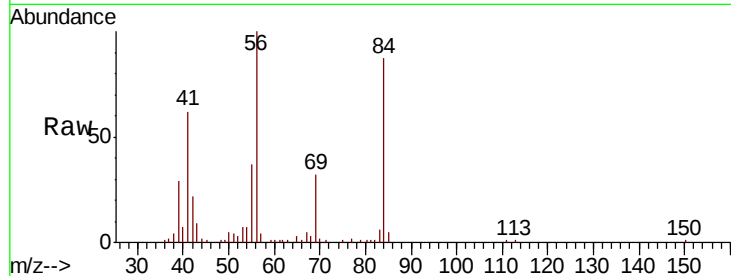




#31
Cyclohexane
Concen: 18.110 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

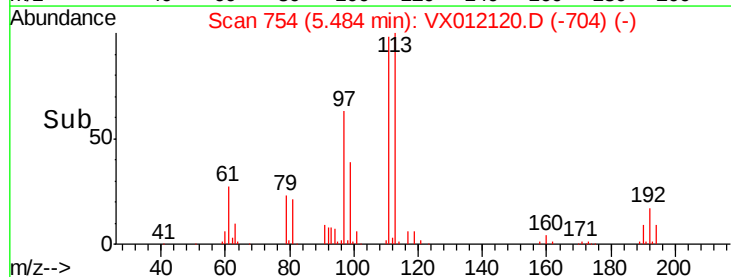
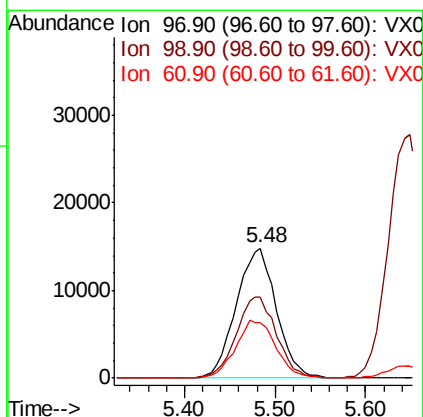
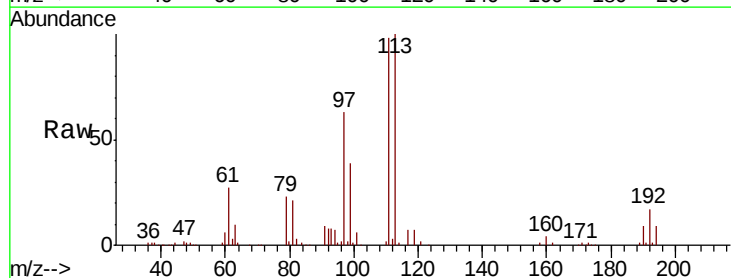
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

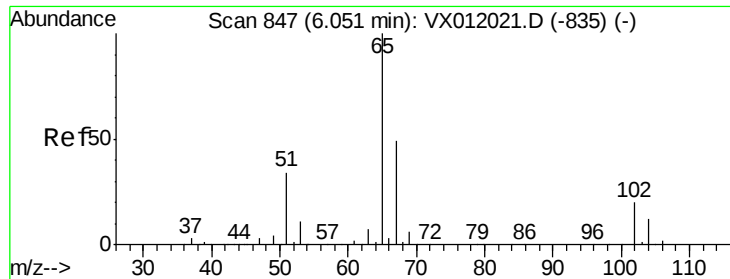
Tgt Ion: 56 Resp: 33800
Ion Ratio Lower Upper
56 100
69 32.4 25.7 38.5
84 85.2 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 20.881 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion: 97 Resp: 45349
Ion Ratio Lower Upper
97 100
99 62.8 52.1 78.1
61 45.0 32.8 49.2

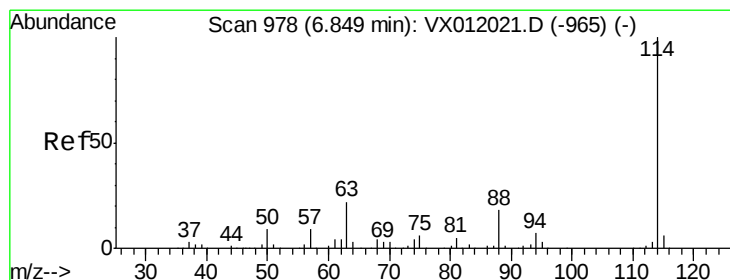
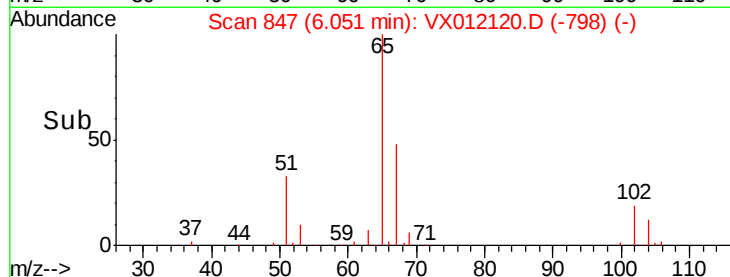
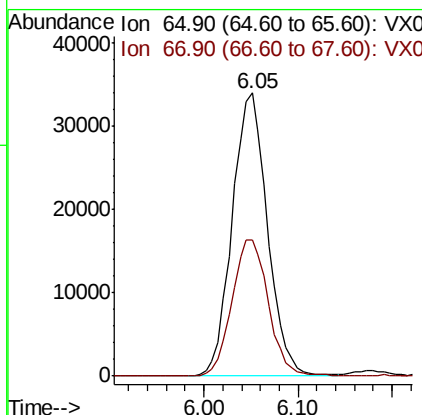
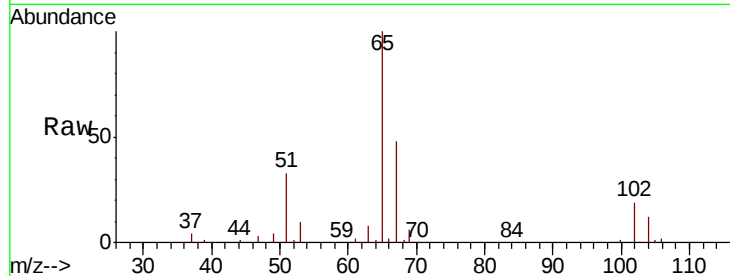




#33
 1,2-Dichloroethane-d4
 Concen: 58.200 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

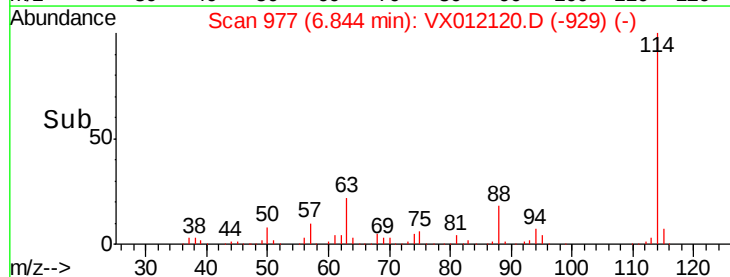
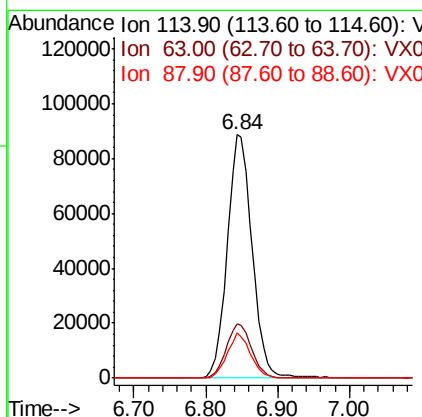
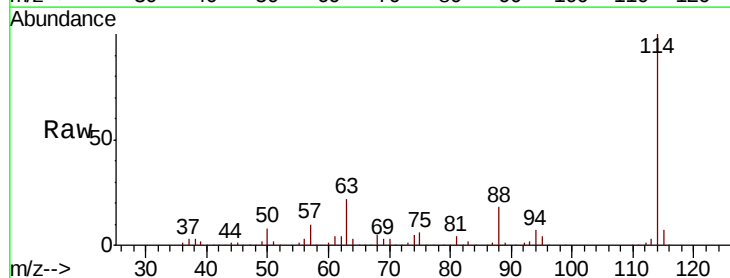
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

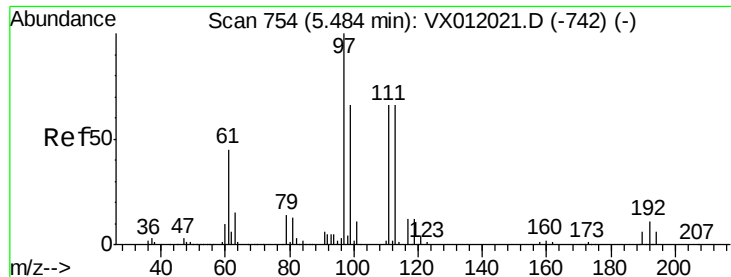
Tgt Ion: 65 Resp: 88600
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 114 Resp: 213240
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 37.4
 88 18.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.409 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

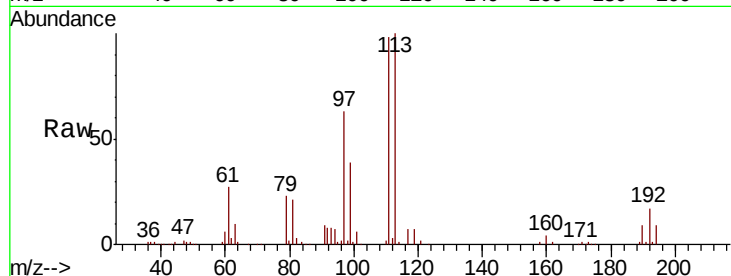
Tgt Ion:113 Resp: 66105

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

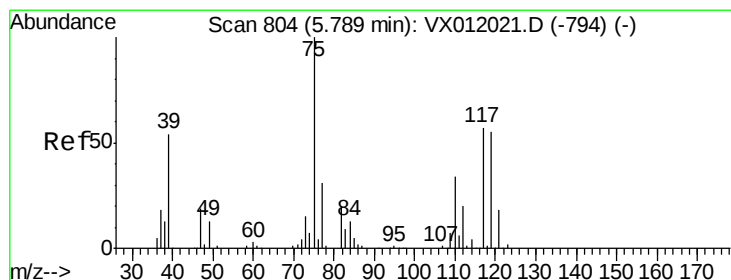
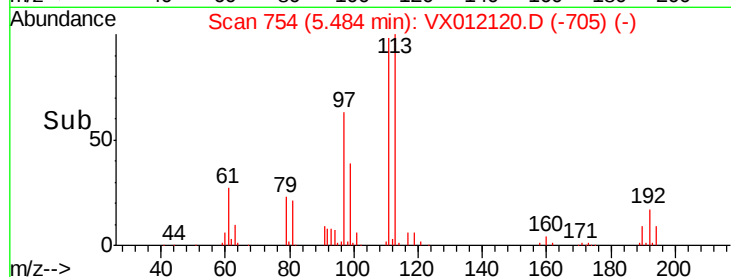
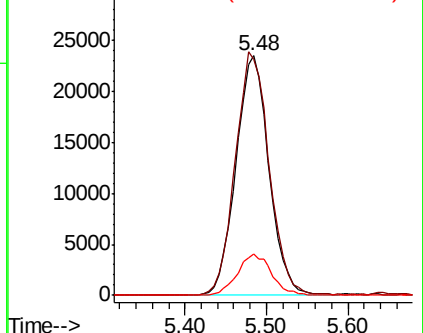
192 17.5 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.330 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

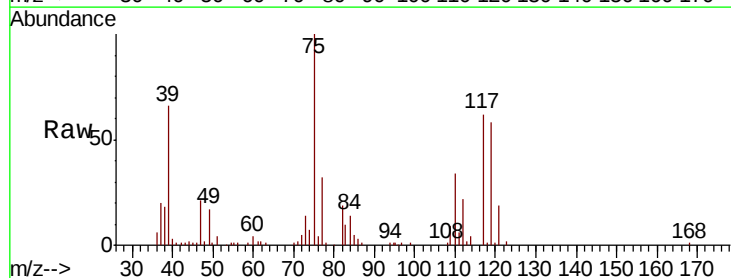
Tgt Ion: 75 Resp: 34425

Ion Ratio Lower Upper

75 100

110 33.3 19.5 58.5

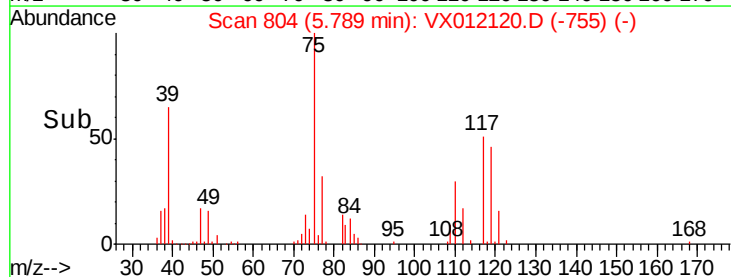
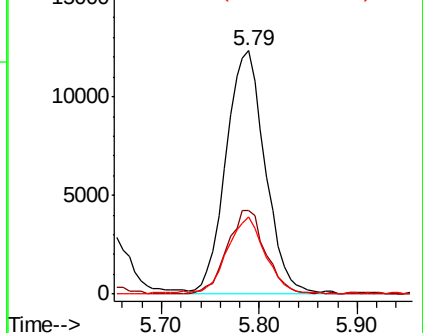
77 31.5 24.6 37.0

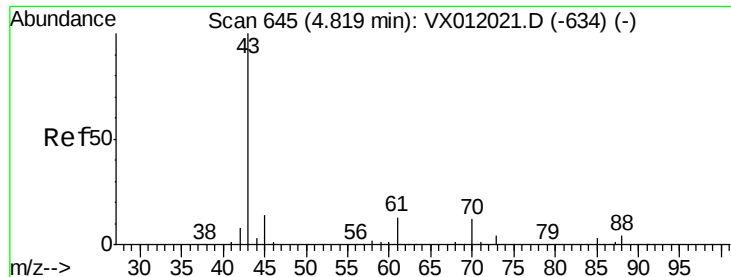


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

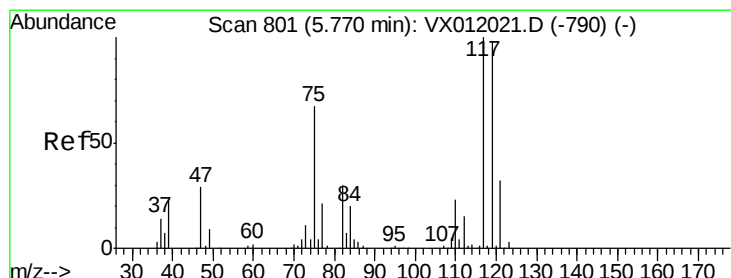
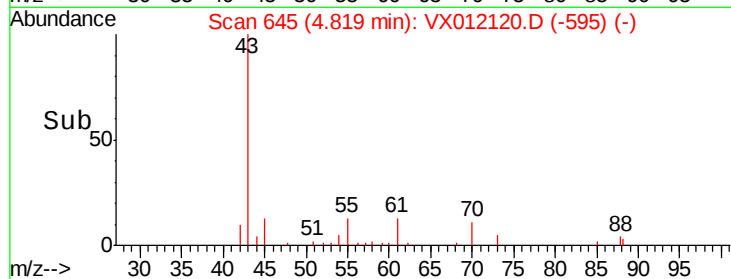
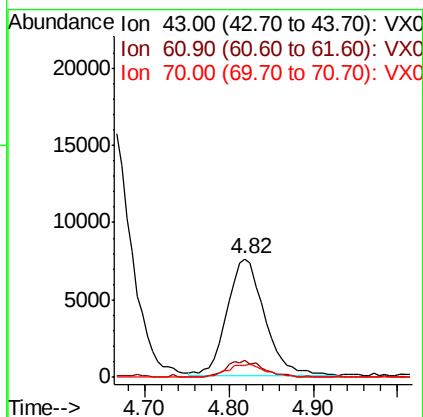
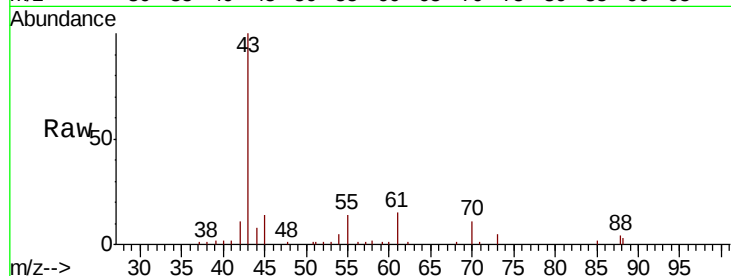




#37
Ethyl Acetate
Concen: 22.366 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

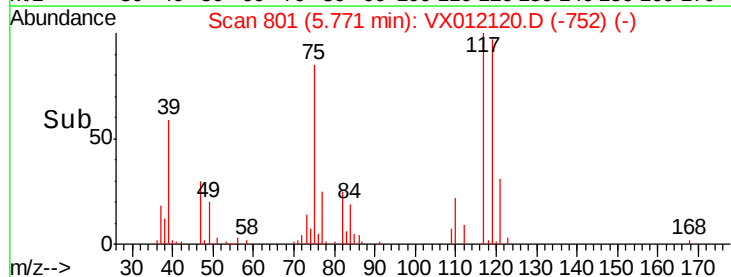
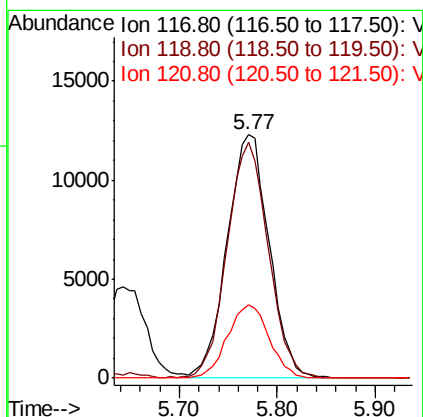
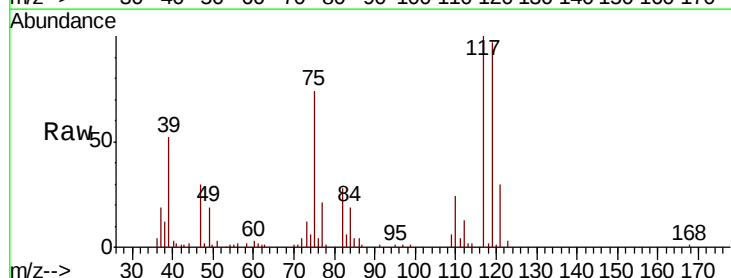
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

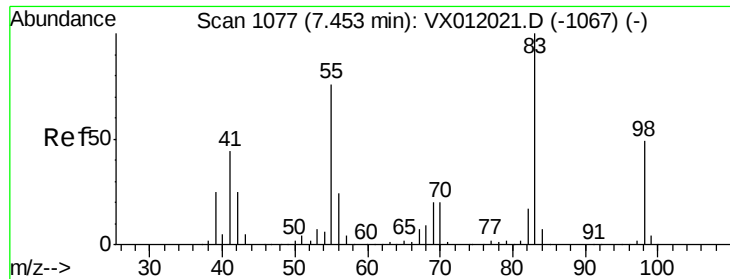
Tgt Ion: 43 Resp: 22842
Ion Ratio Lower Upper
43 100
61 14.4 10.9 16.3
70 11.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 18.524 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion: 117 Resp: 36659
Ion Ratio Lower Upper
117 100
119 96.7 78.3 117.5
121 30.2 24.2 36.2

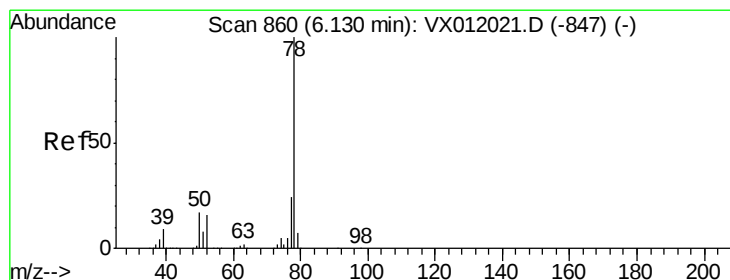
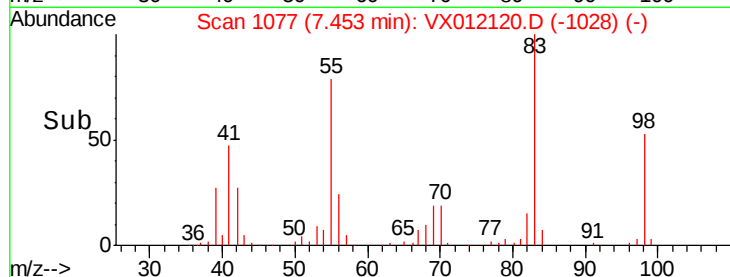
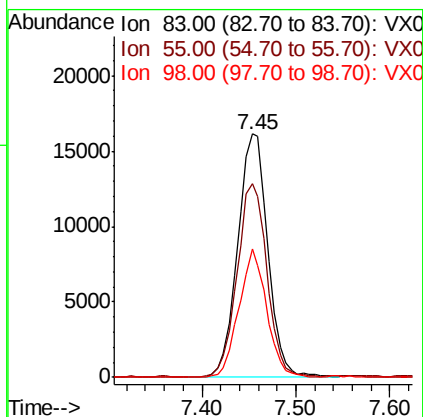
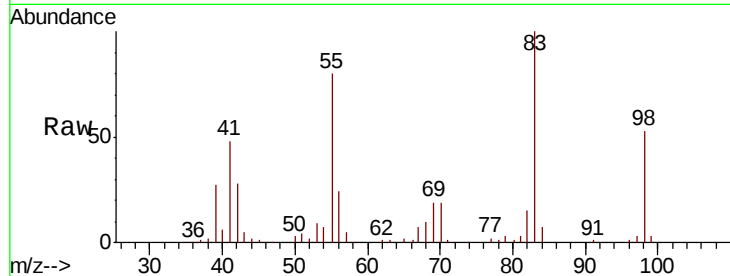




#39
Methylcyclohexane
Concen: 16.577 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

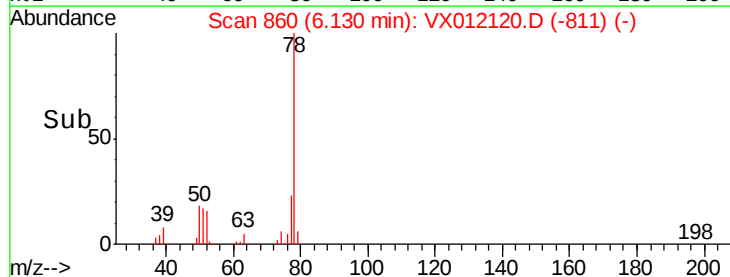
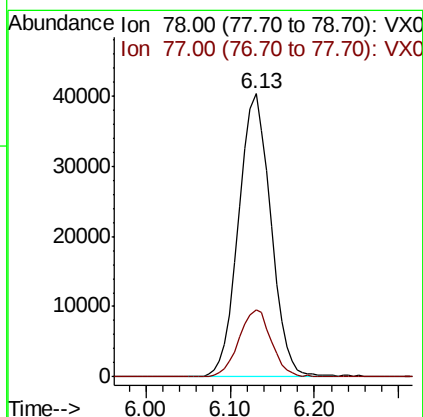
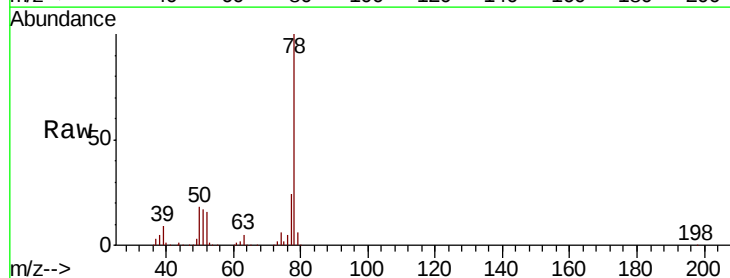
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

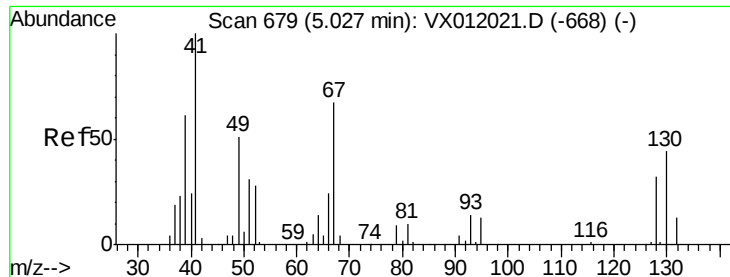
Tgt Ion: 83 Resp: 36133
Ion Ratio Lower Upper
83 100
55 79.2 59.6 89.4
98 52.8 41.4 62.0



#40
Benzene
Concen: 19.351 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion: 78 Resp: 104333
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41

Methacrylonitrile

Concen: 22.175 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampled :

VX0905SBS02

Tgt Ion: 41 Resp: 13506

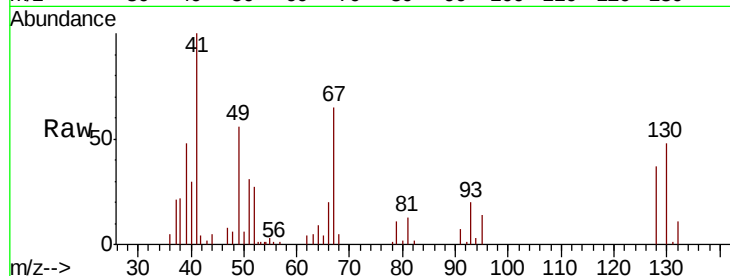
Ion Ratio Lower Upper

41 100

39 58.8 46.7 70.1

67 72.0 57.0 85.6

52 32.4 23.5 35.3

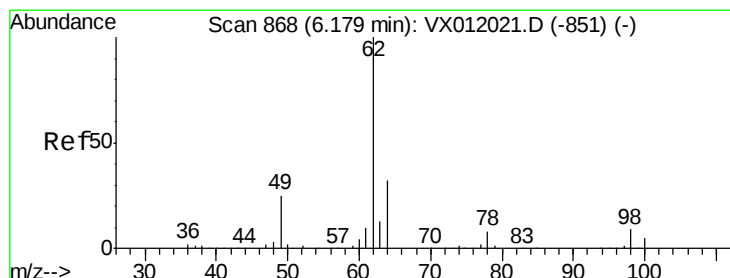
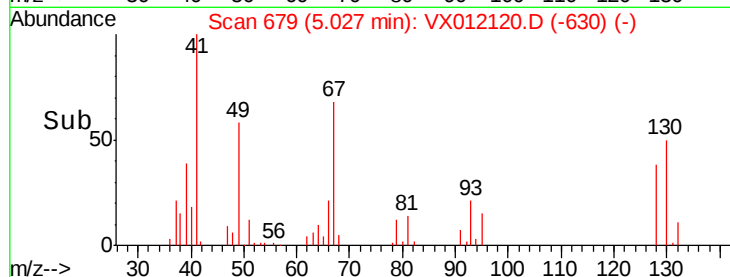
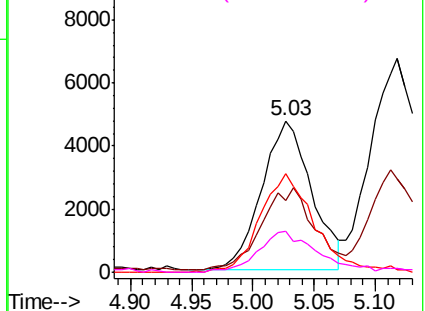


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.964 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012120.D

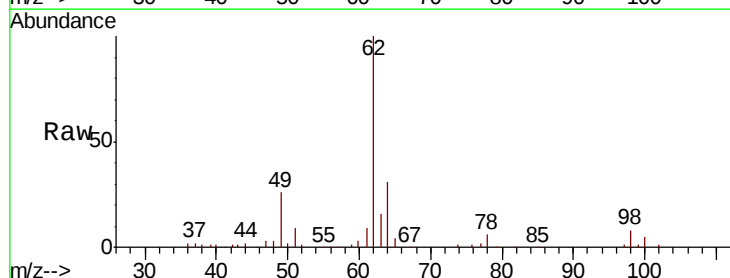
Acq: 06 Sep 2019 01:29

Tgt Ion: 62 Resp: 42617

Ion Ratio Lower Upper

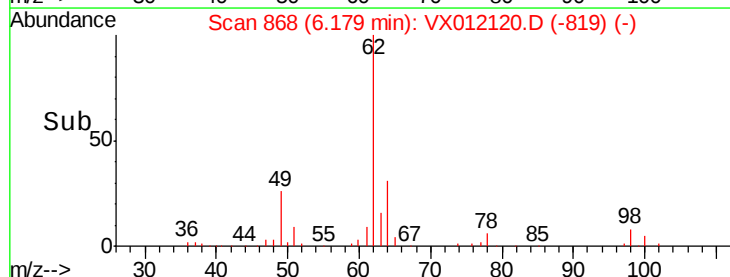
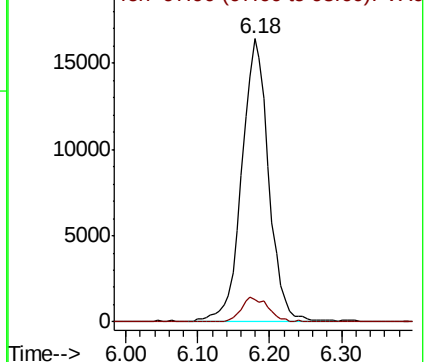
62 100

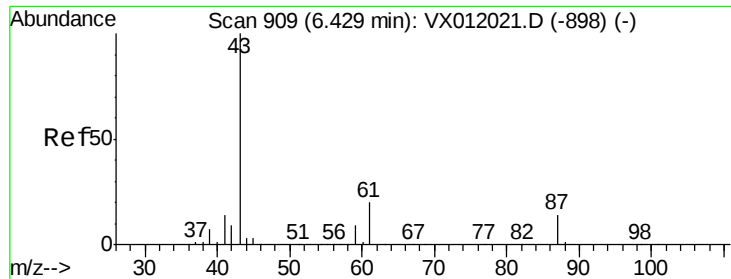
98 8.7 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.601 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

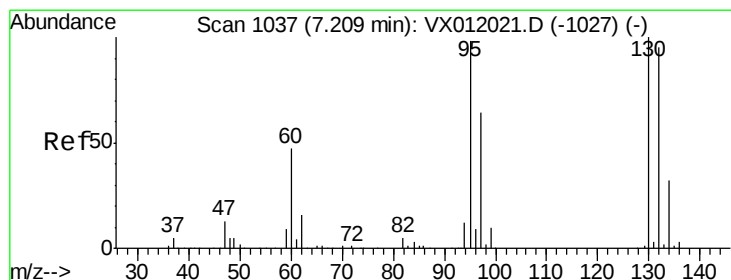
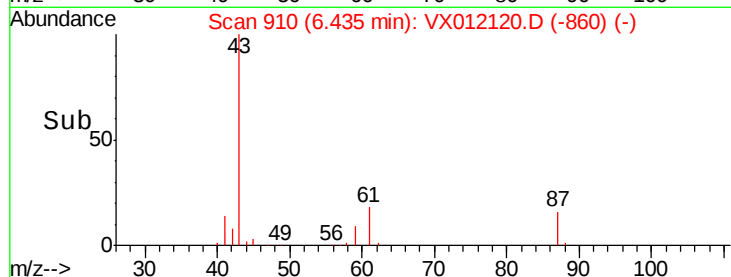
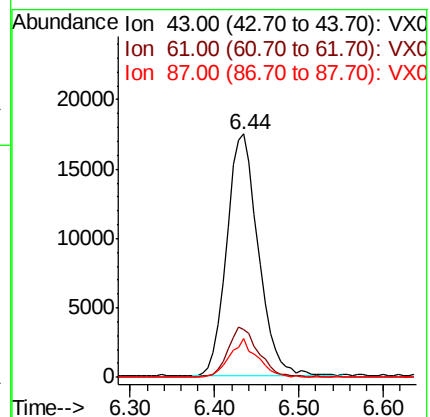
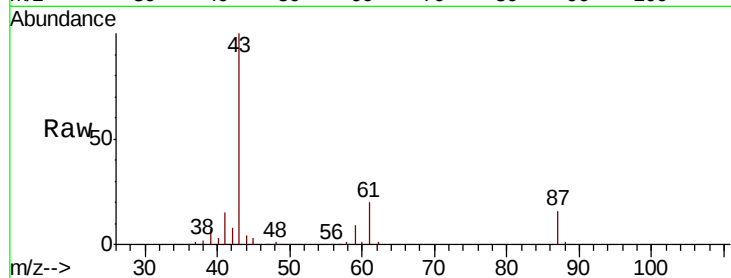
Tgt Ion: 43 Resp: 44858

Ion Ratio Lower Upper

43 100

61 20.2 16.1 24.1

87 13.8 11.3 16.9



#44

Trichloroethene

Concen: 18.839 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012120.D

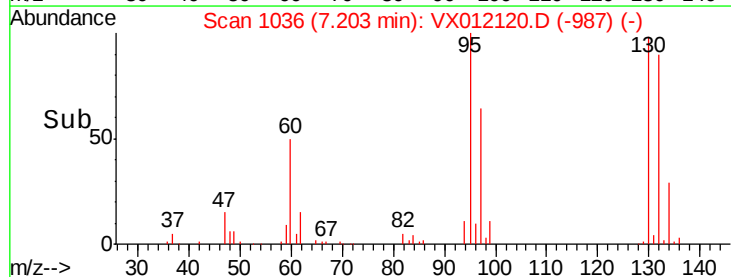
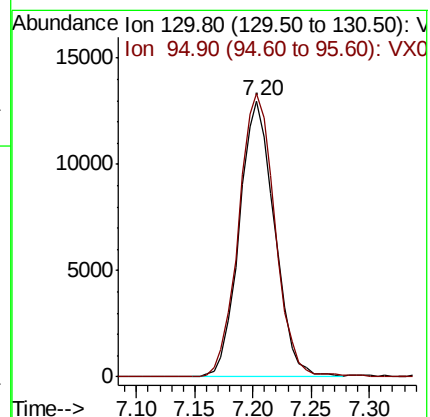
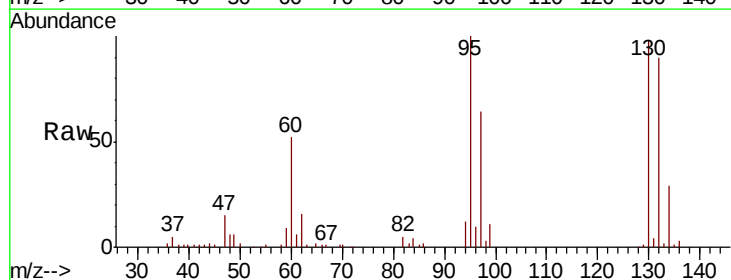
Acq: 06 Sep 2019 01:29

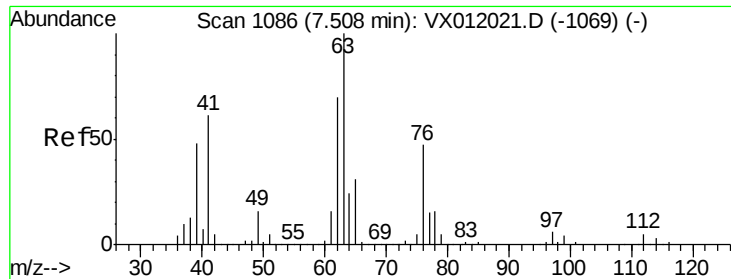
Tgt Ion: 130 Resp: 27397

Ion Ratio Lower Upper

130 100

95 102.5 0.0 176.4

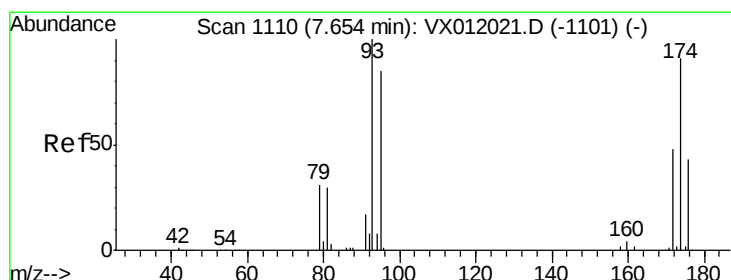
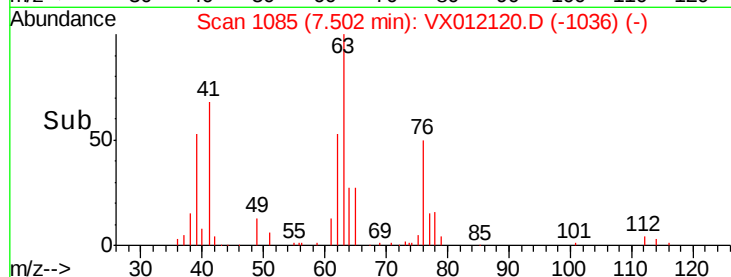
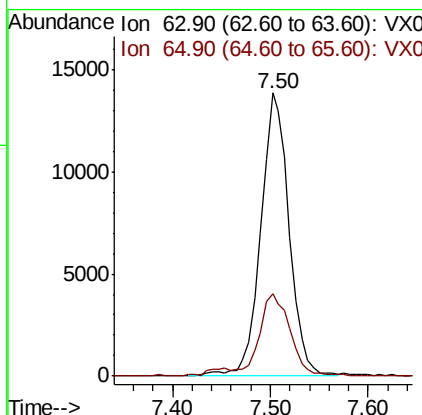
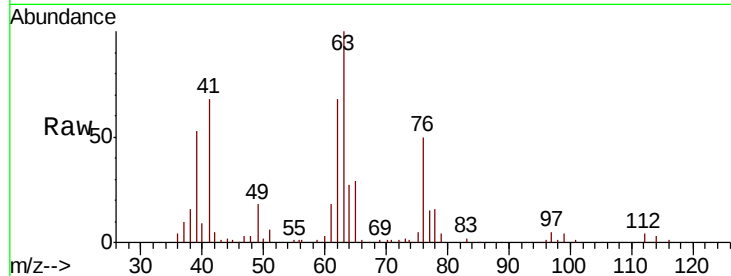




#45
 1,2-Dichloropropane
 Concen: 20.143 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

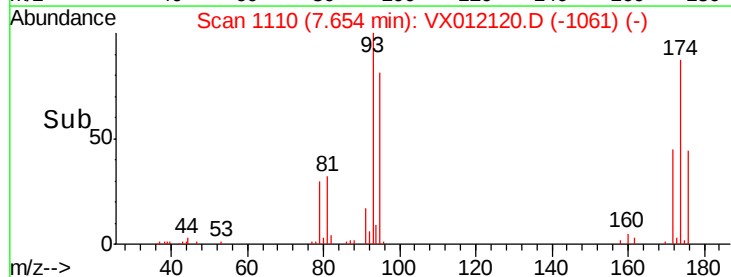
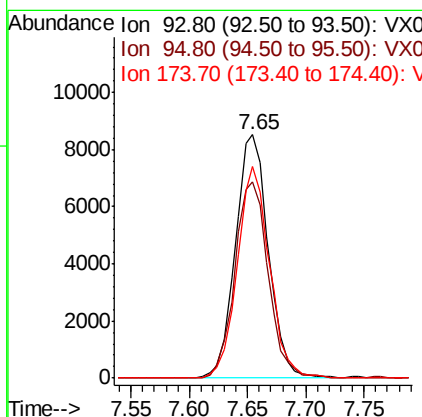
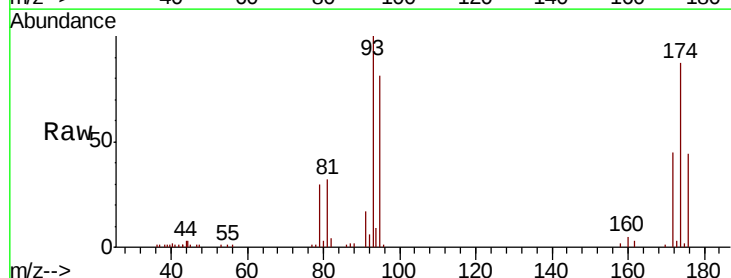
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

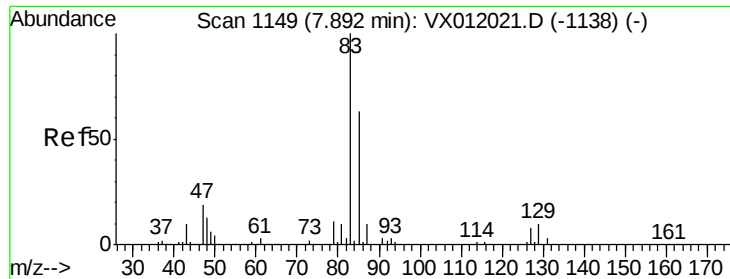
Tgt Ion: 63 Resp: 28060
 Ion Ratio Lower Upper
 63 100
 65 28.6 25.0 37.6



#46
 Dibromomethane
 Concen: 20.666 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 93 Resp: 16805
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.2 99.2
 174 84.7 110.2 165.4#

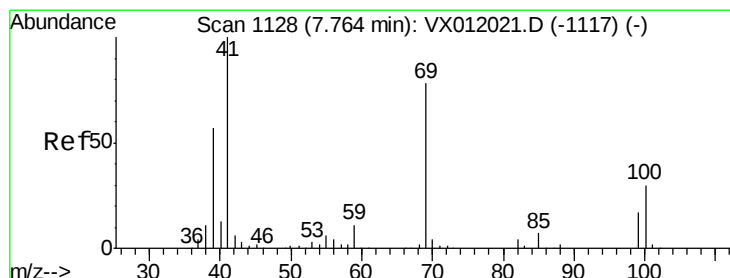
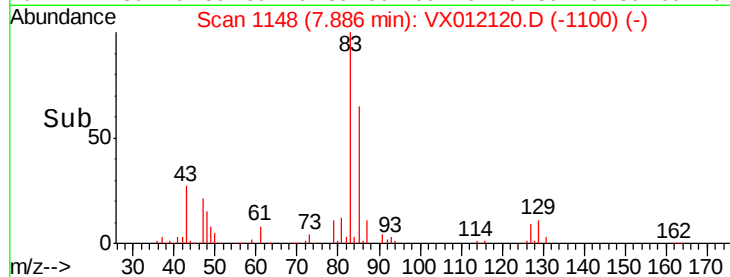
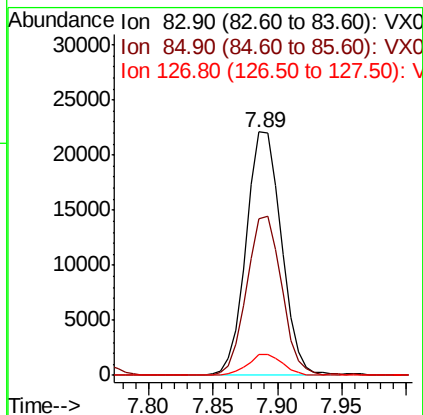
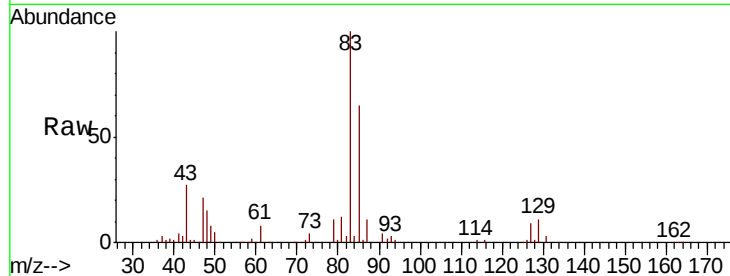




#47
 Bromodichloromethane
 Concen: 20.238 ug/l
 RT: 7.89 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

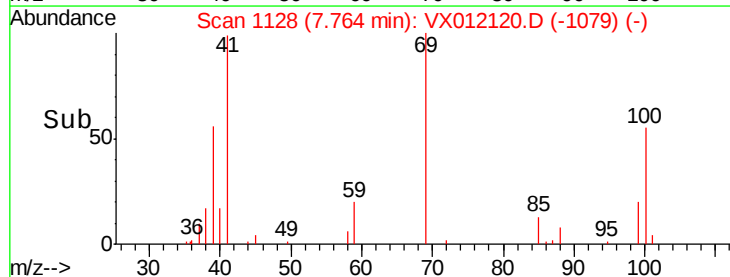
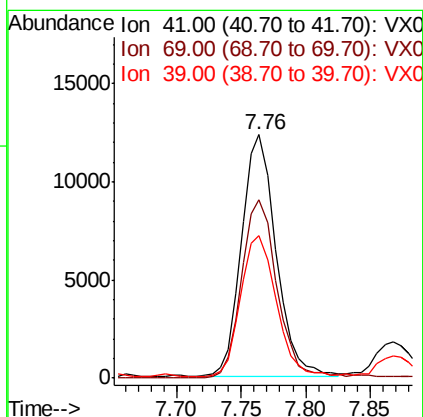
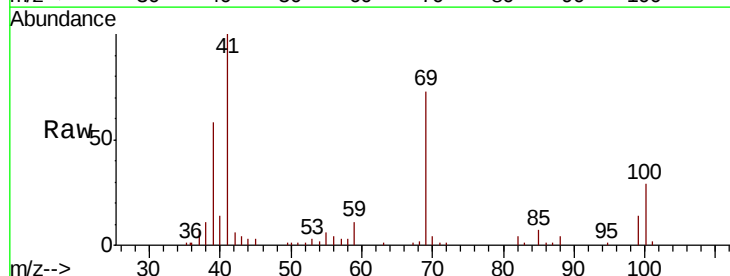
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

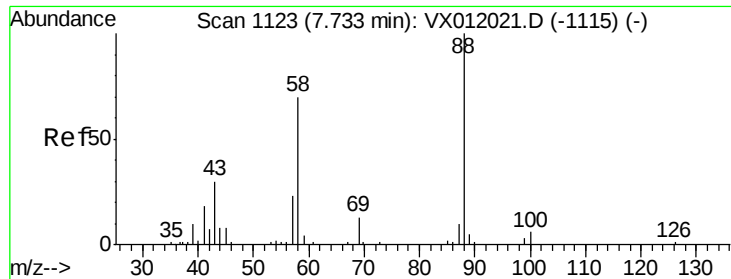
Tgt Ion: 83 Resp: 41833
 Ion Ratio Lower Upper
 83 100
 85 64.6 50.3 75.5
 127 8.6 8.1 12.1



#48
 Methyl methacrylate
 Concen: 22.029 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 41 Resp: 23002
 Ion Ratio Lower Upper
 41 100
 69 76.2 66.3 99.5
 39 60.6 48.1 72.1

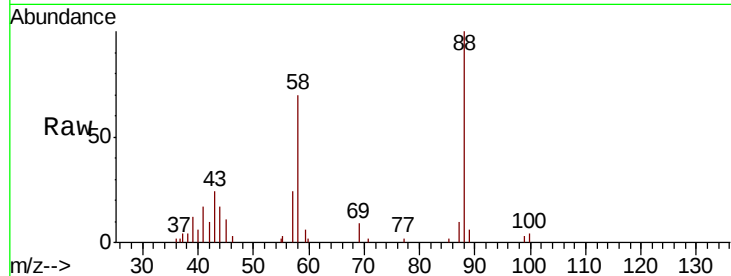




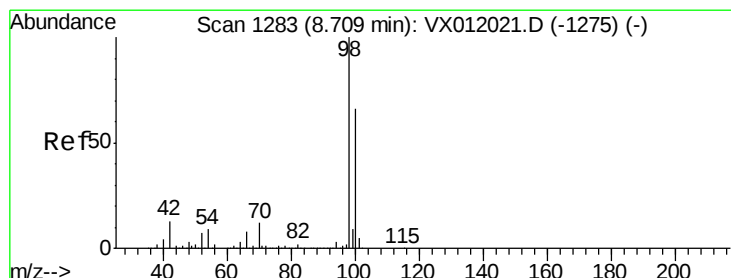
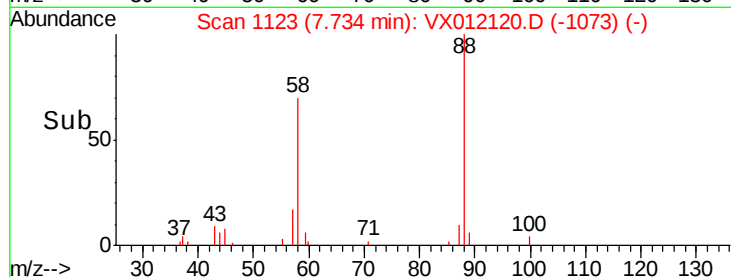
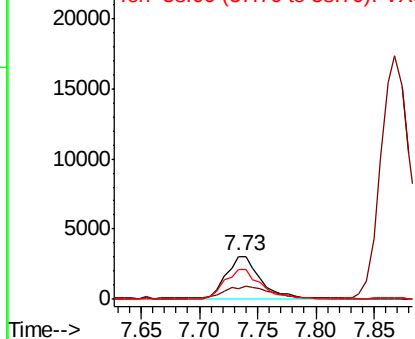
#49
1,4-Dioxane
Concen: 449.206 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

Tgt Ion: 88 Resp: 6394
Ion Ratio Lower Upper
88 100
43 35.0 29.8 44.6
58 74.4 55.4 83.2

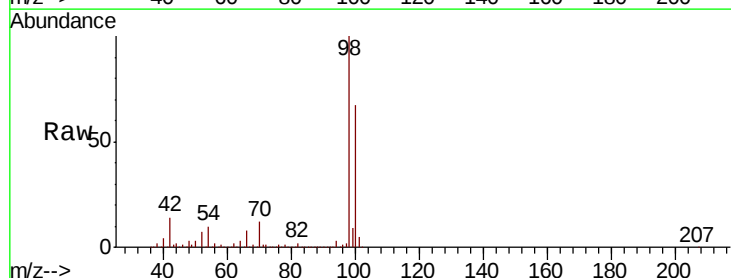


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

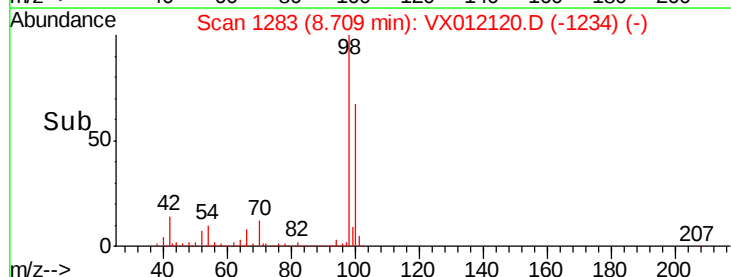
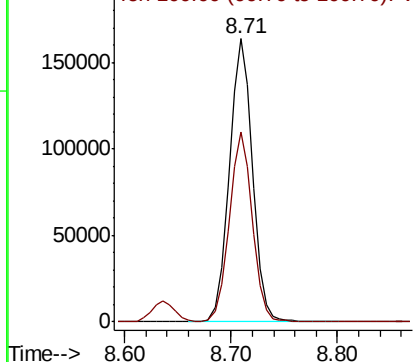


#50
Toluene-d8
Concen: 51.921 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion: 98 Resp: 249851
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



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: 111.137 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

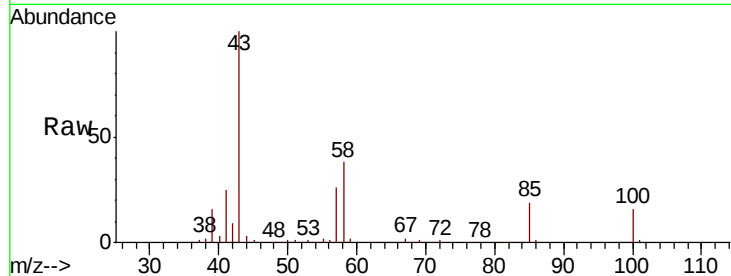
VX0905SBS02

Tgt Ion: 43 Resp: 117389

Ion Ratio Lower Upper

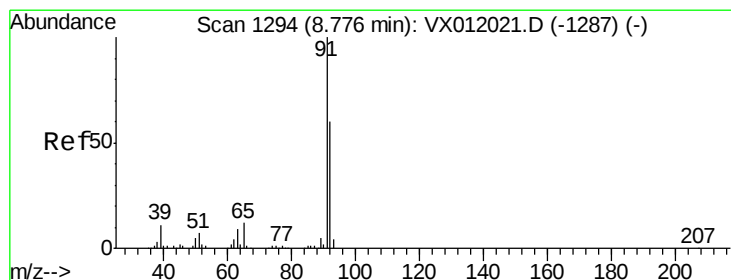
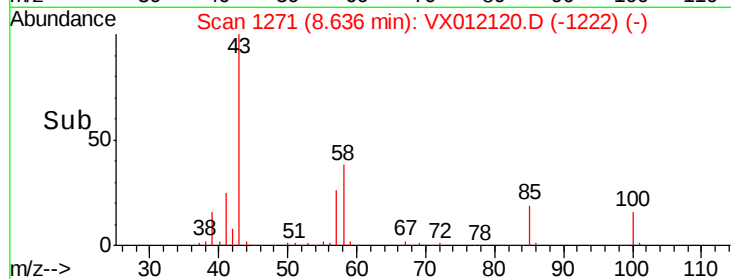
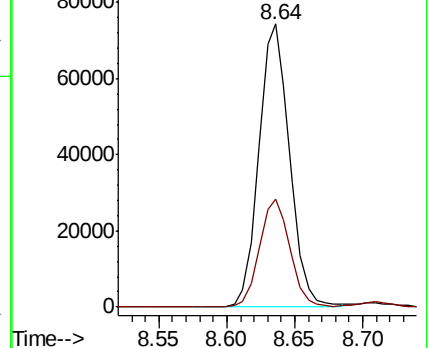
43 100

58 38.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.440 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012120.D

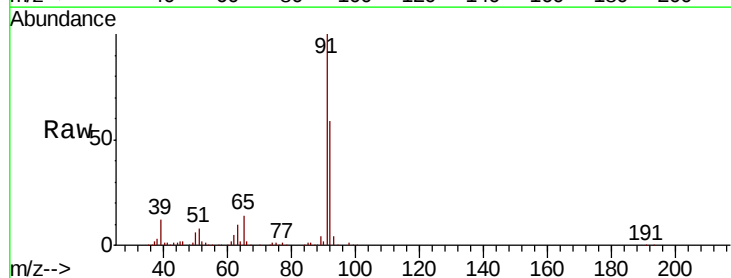
Acq: 06 Sep 2019 01:29

Tgt Ion: 92 Resp: 68196

Ion Ratio Lower Upper

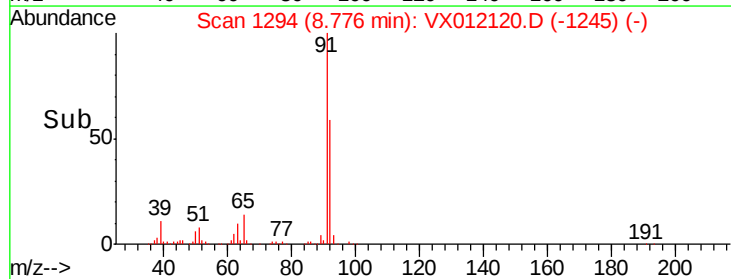
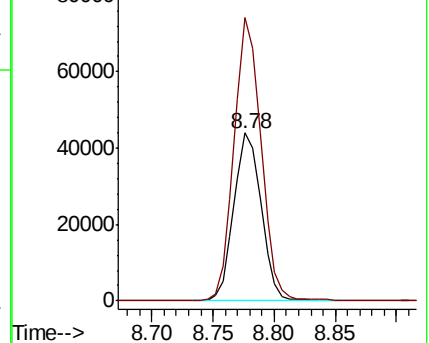
92 100

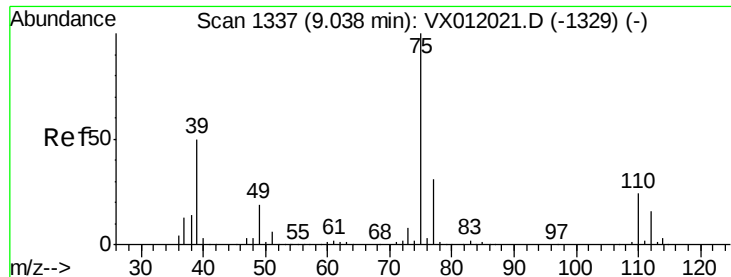
91 167.3 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

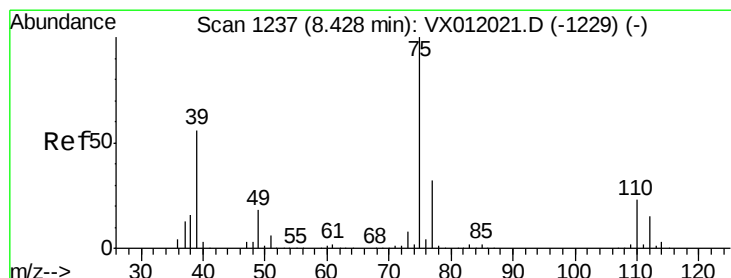
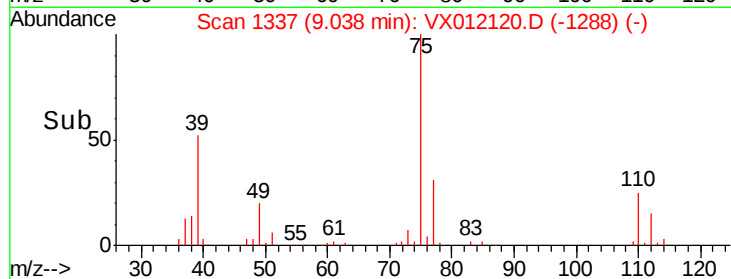
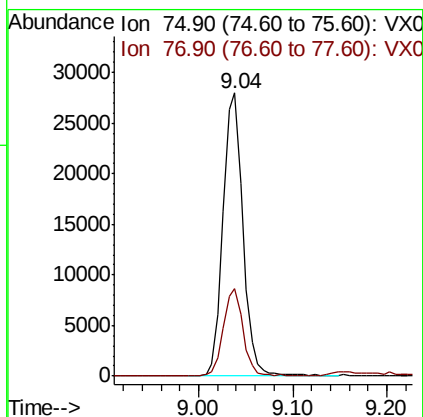
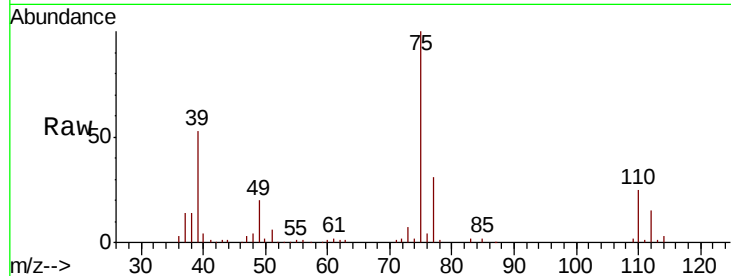




#53
 t-1,3-Dichloropropene
 Concen: 19.240 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

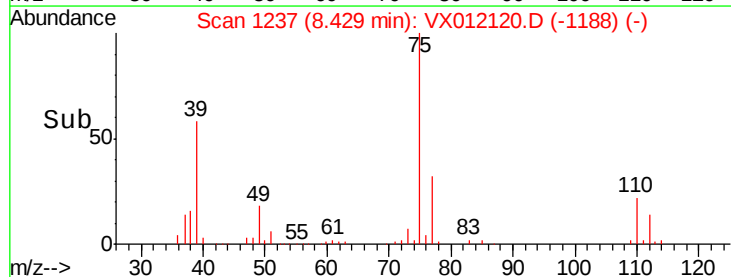
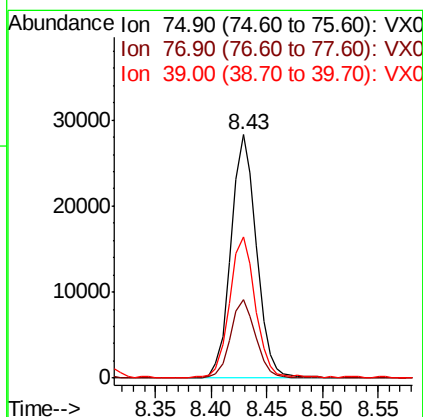
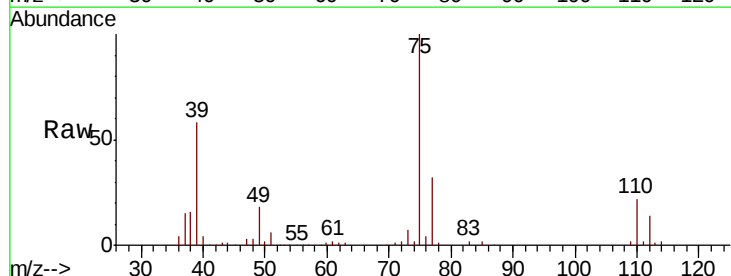
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

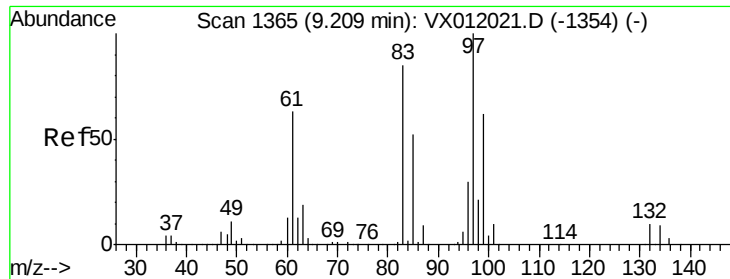
Tgt Ion: 75 Resp: 41172
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.913 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 75 Resp: 45007
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 57.9 43.0 64.4

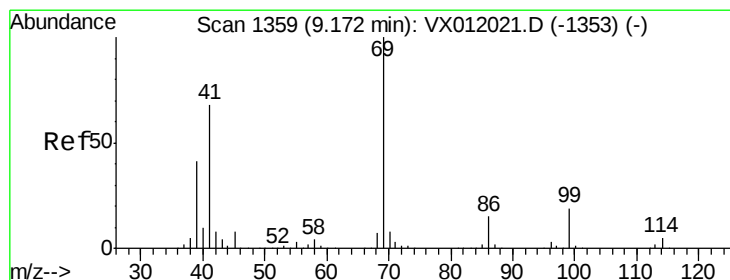
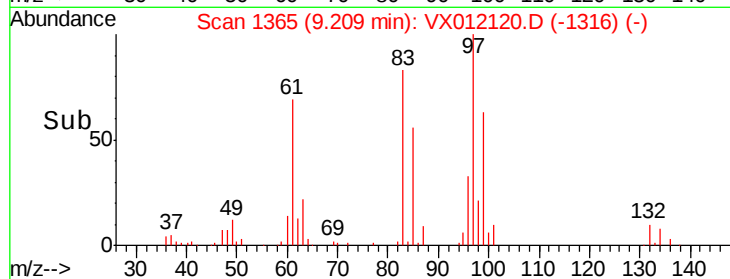
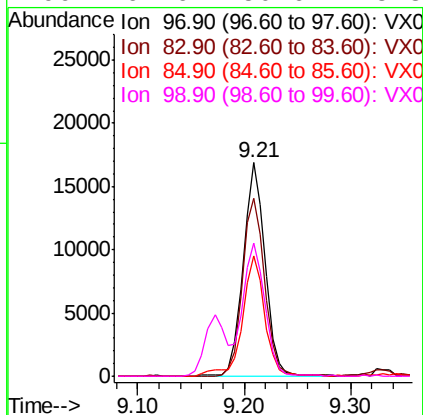
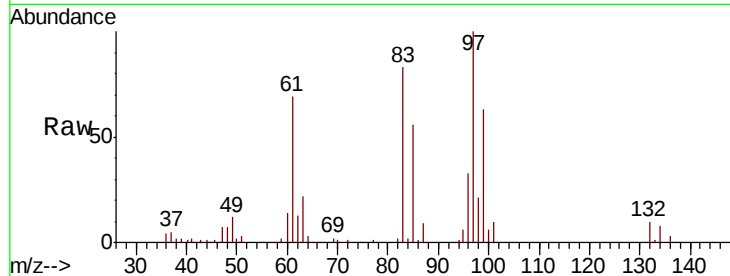




#55
 1,1,2-Trichloroethane
 Concen: 21.001 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

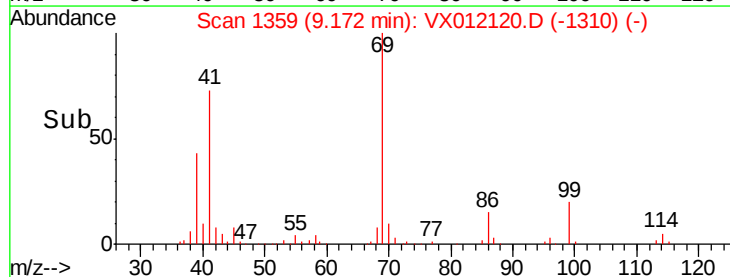
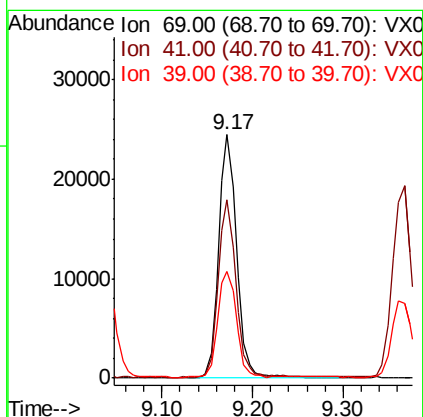
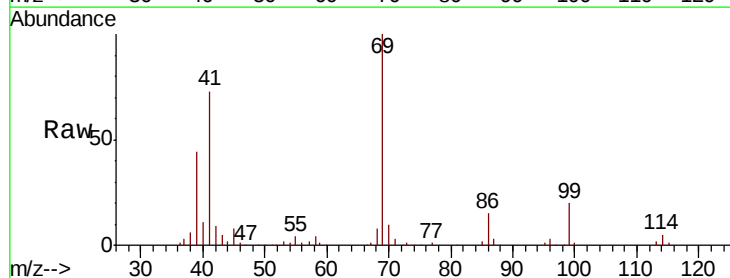
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

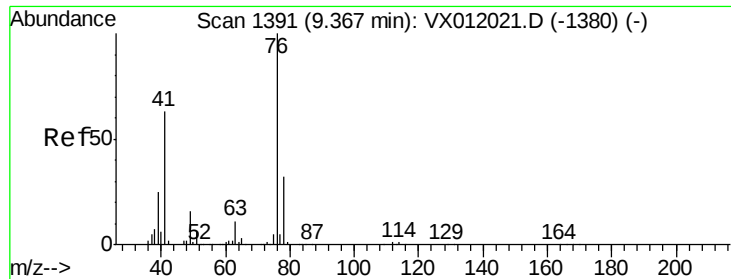
Tgt Ion:	97	Resp:	24416
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.0	99.0
85	56.2	41.0	61.6
99	62.6	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 20.417 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion:	69	Resp:	34000
Ion	Ratio	Lower	Upper
69	100		
41	72.0	53.9	80.9
39	45.3	31.1	46.7

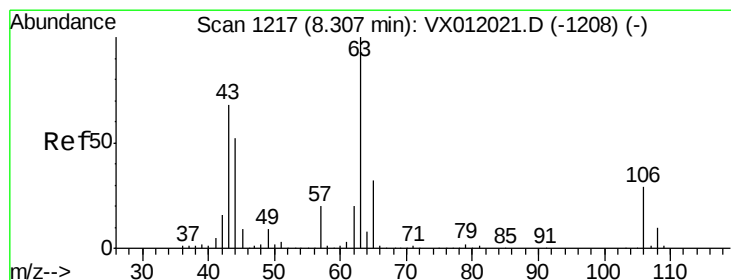
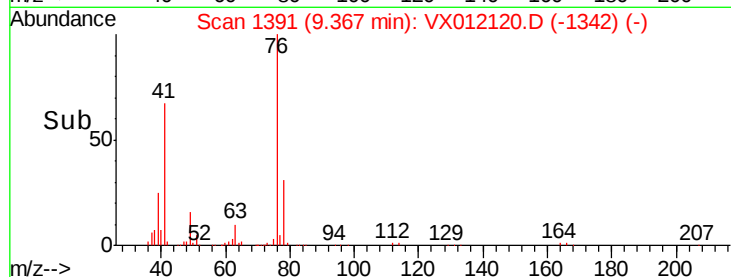
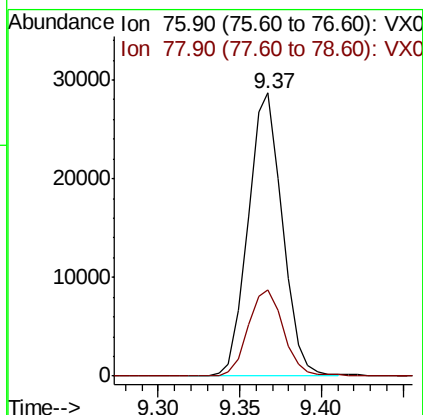
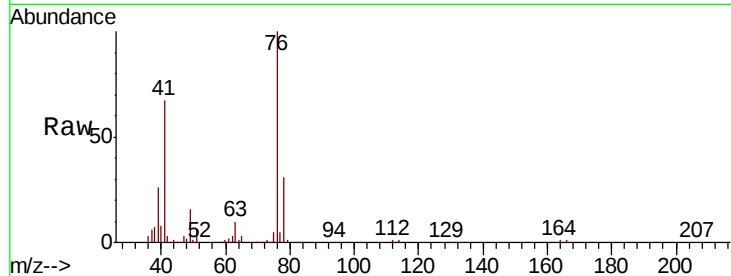




#57
 1,3-Dichloropropane
 Concen: 20.941 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

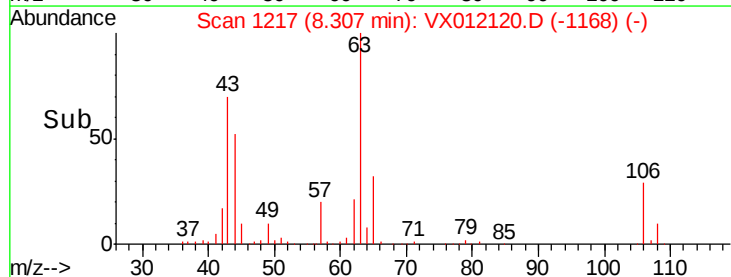
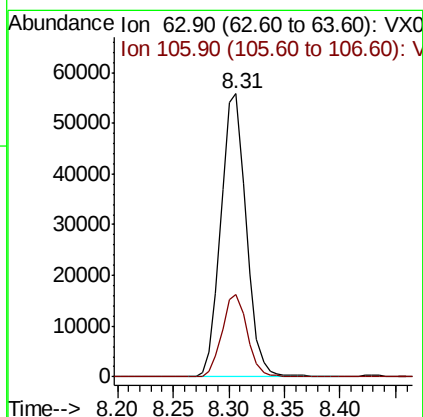
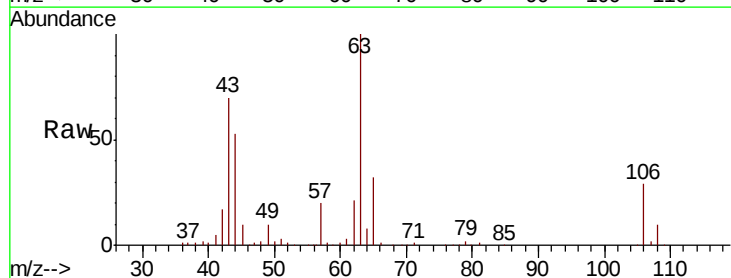
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

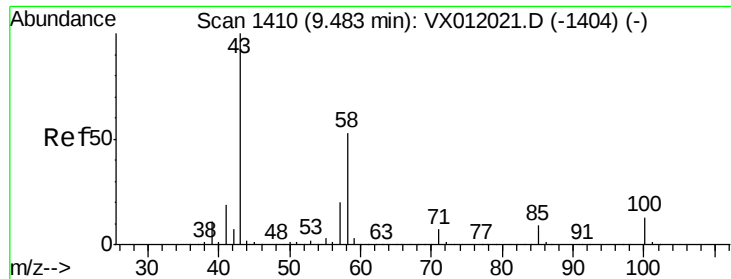
Tgt Ion: 76 Resp: 42012
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.100 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 63 Resp: 87915
 Ion Ratio Lower Upper
 63 100
 106 29.3 26.5 39.7

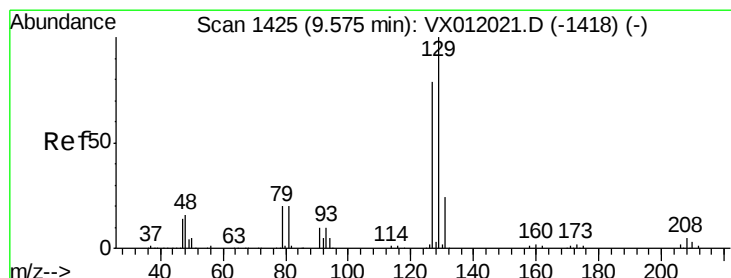
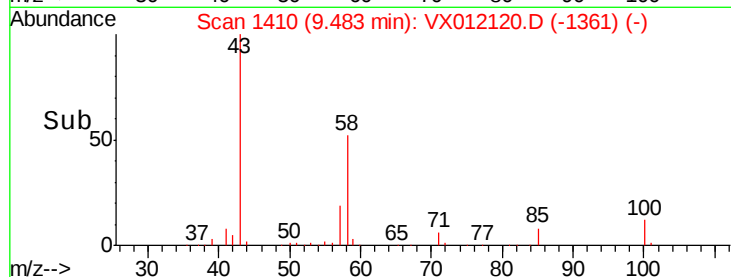
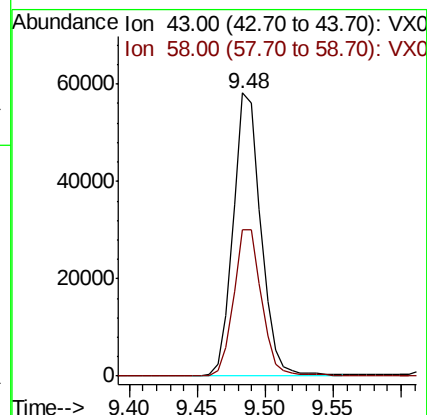
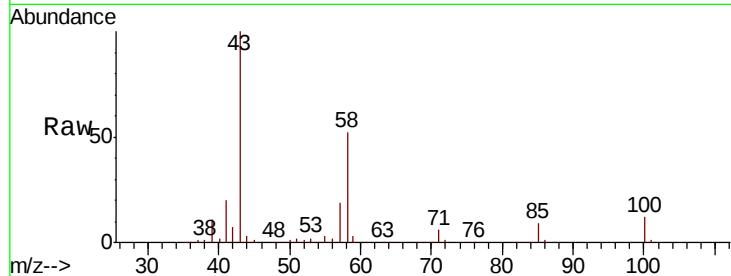




#59
2-Hexanone
Concen: 106.544 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

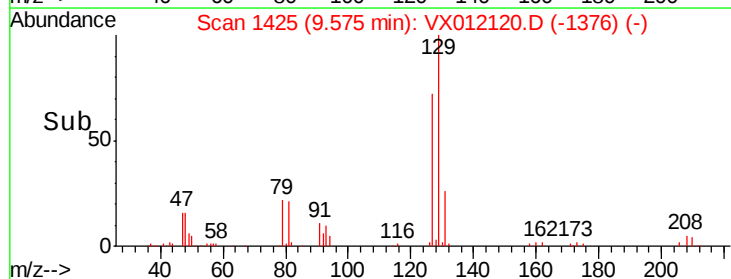
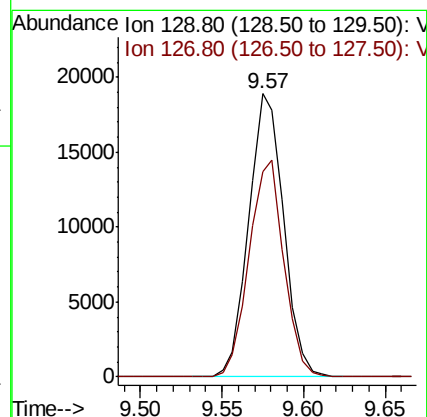
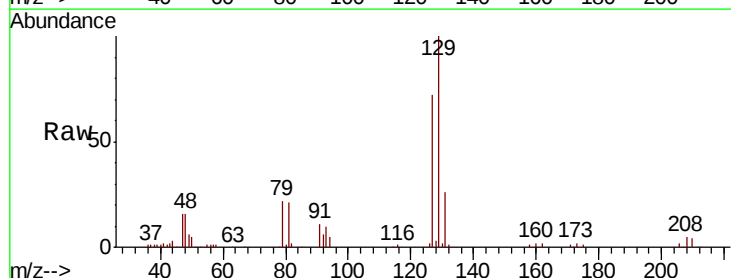
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

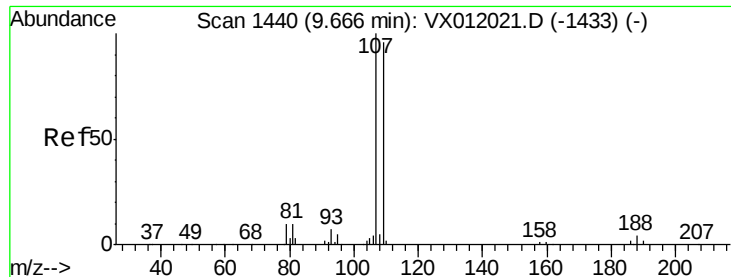
Tgt Ion: 43 Resp: 82116
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.6



#60
Dibromochloromethane
Concen: 20.326 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion: 129 Resp: 28164
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.539 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

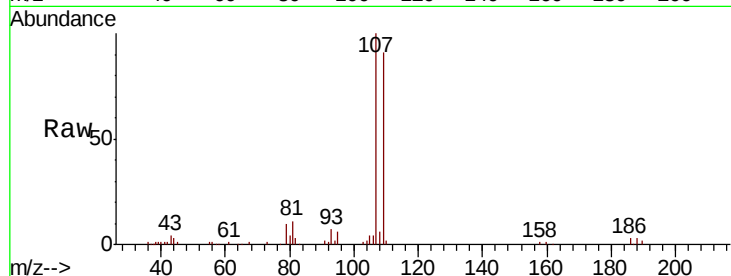
VX0905SBS02

Tgt Ion: 107 Resp: 23073

Ion Ratio Lower Upper

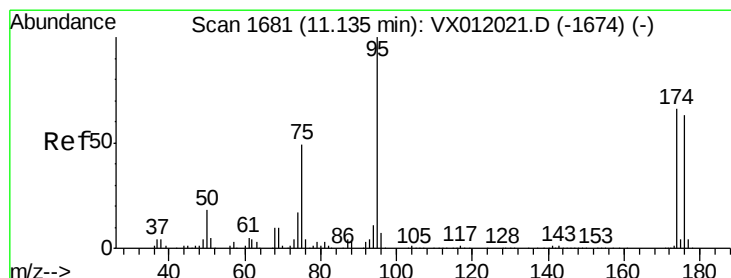
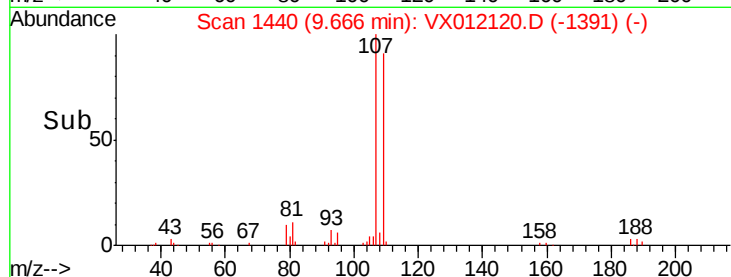
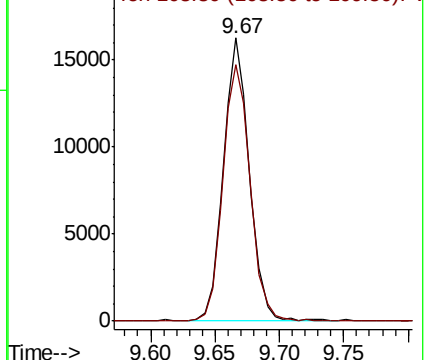
107 100

109 95.1 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.438 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

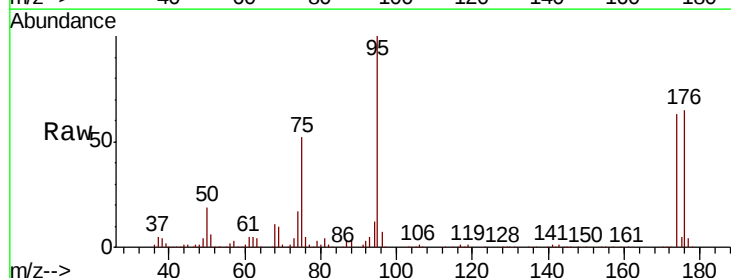
Tgt Ion: 95 Resp: 110639

Ion Ratio Lower Upper

95 100

174 62.4 0.0 205.4

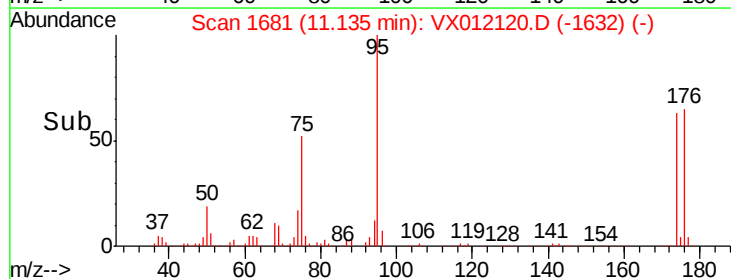
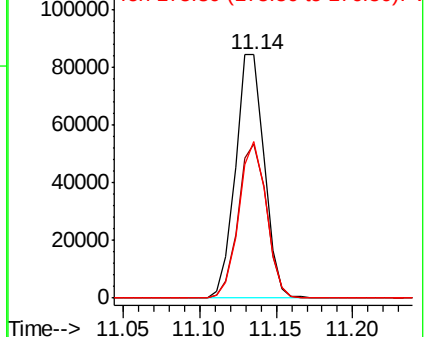
176 61.5 0.0 201.8

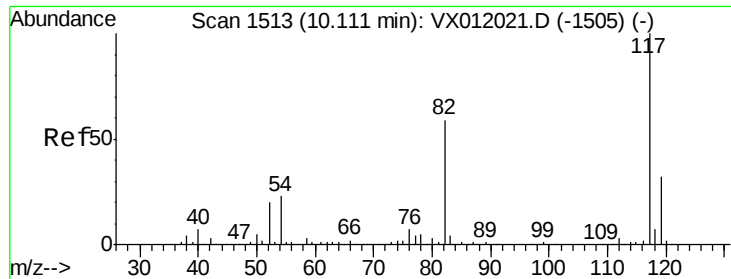


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

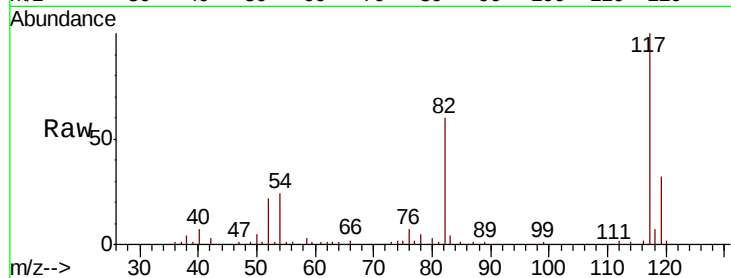




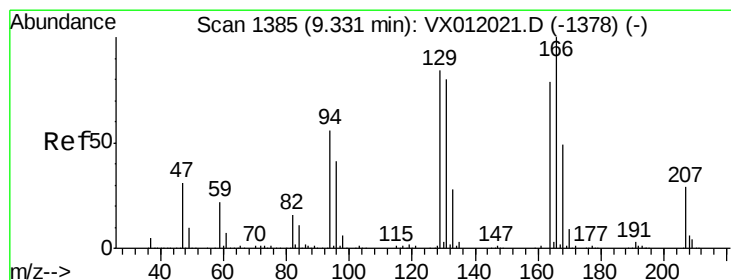
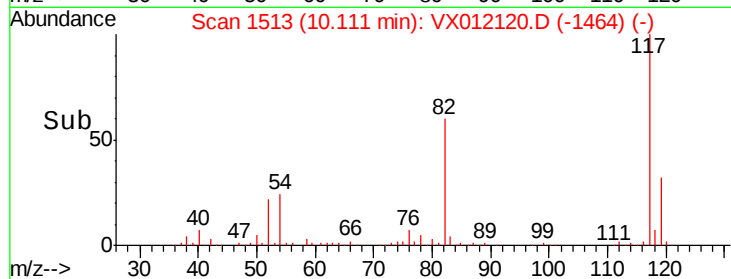
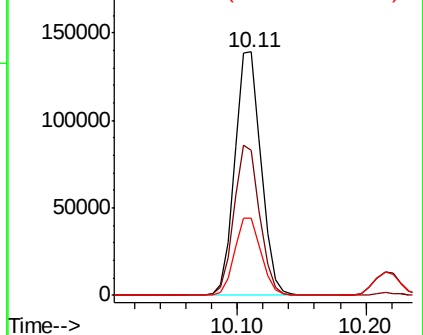
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

Tgt Ion:117 Resp: 197431
Ion Ratio Lower Upper
117 100
82 59.6 39.4 59.0#
119 31.8 26.1 39.1

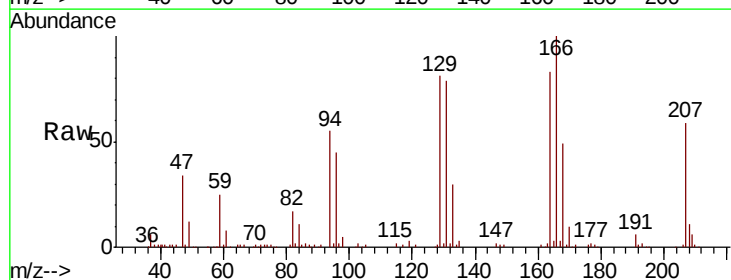


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

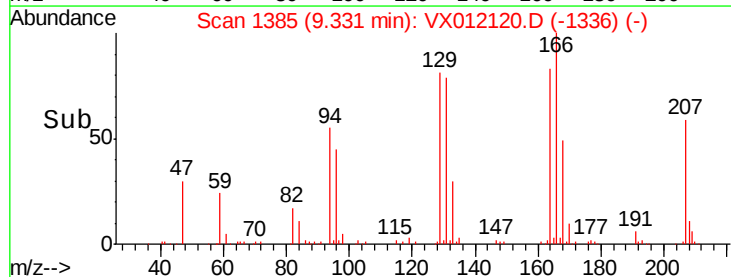
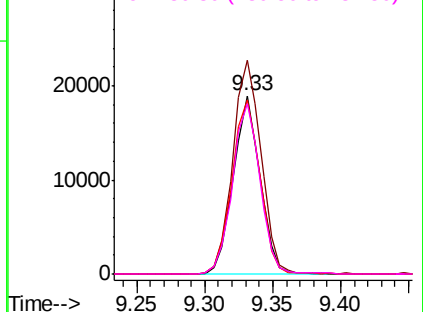


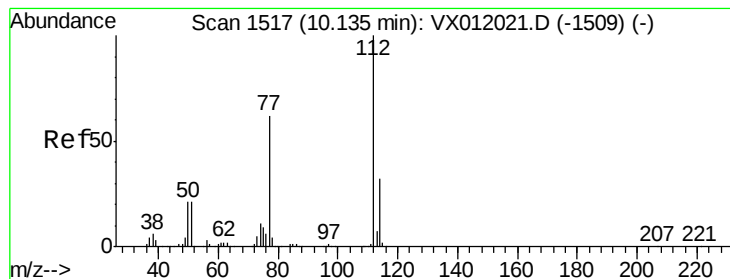
#64
Tetrachloroethene
Concen: 21.114 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion:164 Resp: 25989
Ion Ratio Lower Upper
164 100
166 120.0 104.3 156.5
129 97.8 68.3 102.5
131 95.4 65.4 98.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.673 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

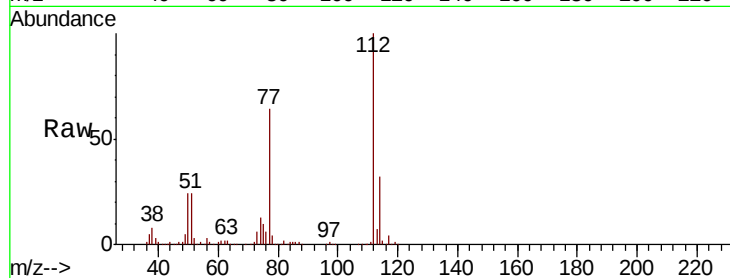
VX0905SBS02

Tgt Ion:112 Resp: 76634

Ion Ratio Lower Upper

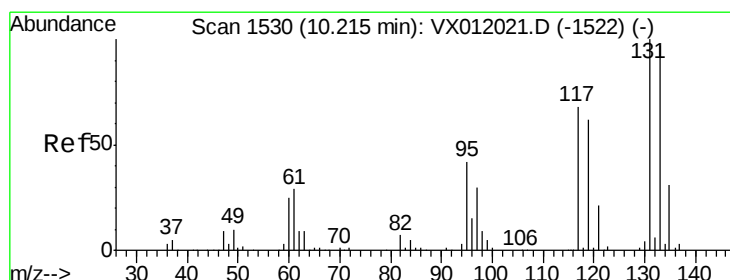
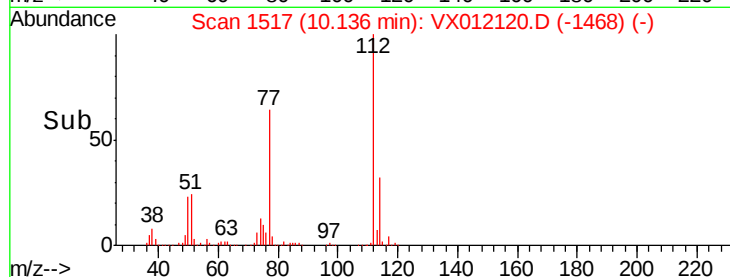
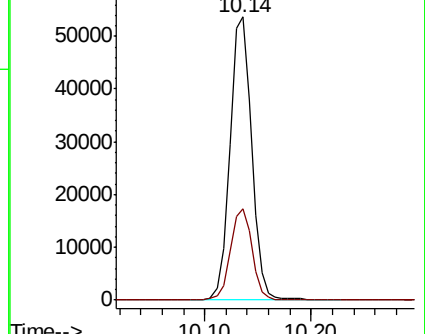
112 100

114 32.5 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.225 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

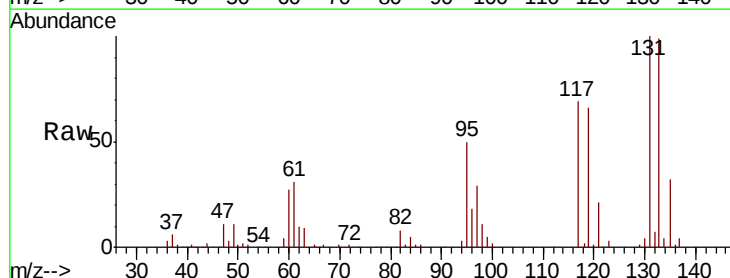
Tgt Ion:131 Resp: 28808

Ion Ratio Lower Upper

131 100

133 93.3 48.4 145.0

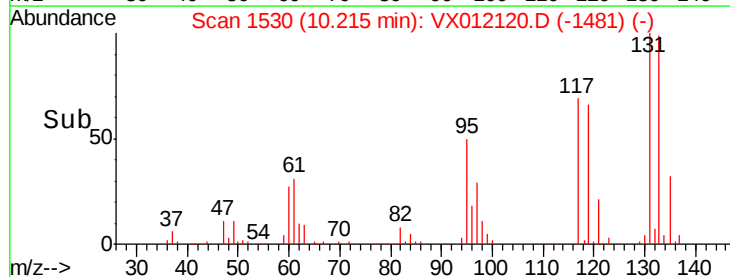
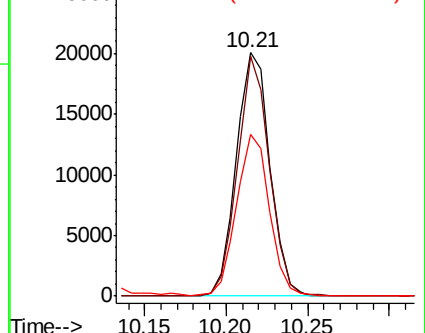
119 65.4 30.5 91.5

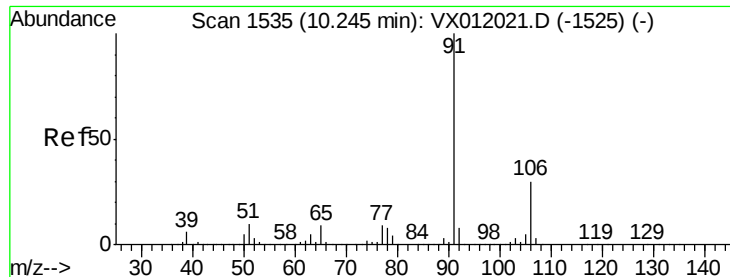


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.019 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

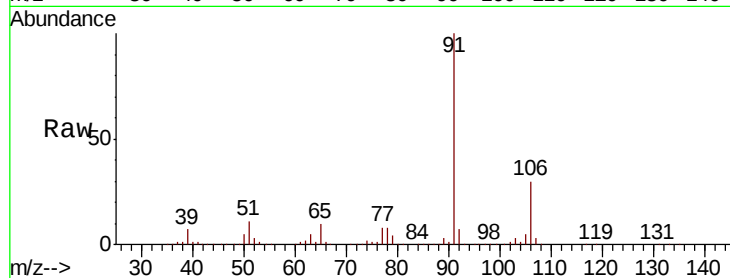
VX0905SBS02

Tgt Ion: 91 Resp: 135047

Ion Ratio Lower Upper

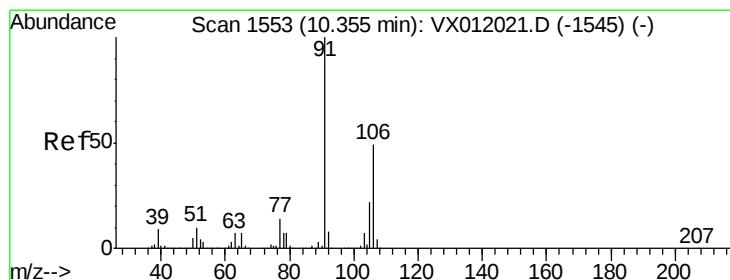
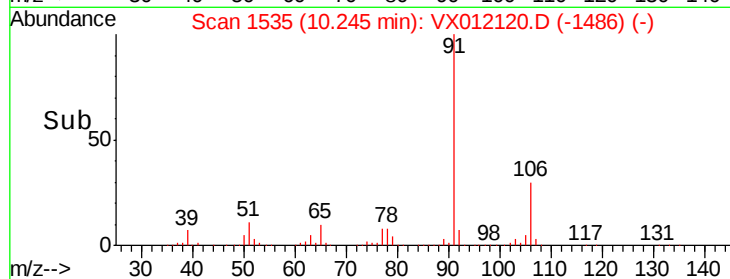
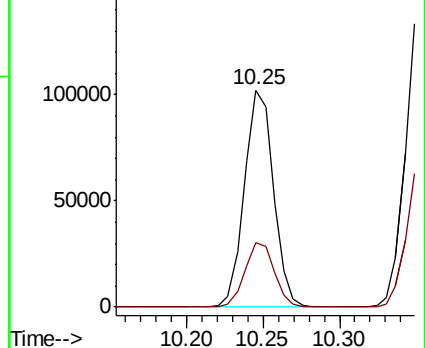
91 100

106 30.0 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.643 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012120.D

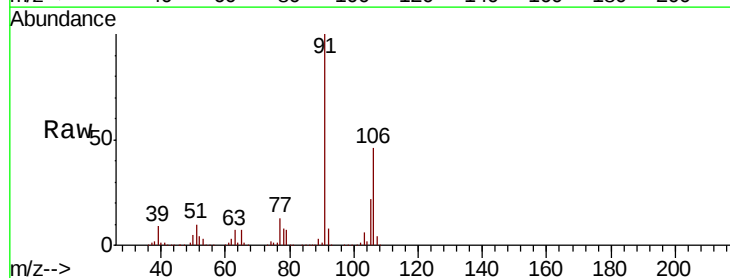
Acq: 06 Sep 2019 01:29

Tgt Ion: 106 Resp: 98479

Ion Ratio Lower Upper

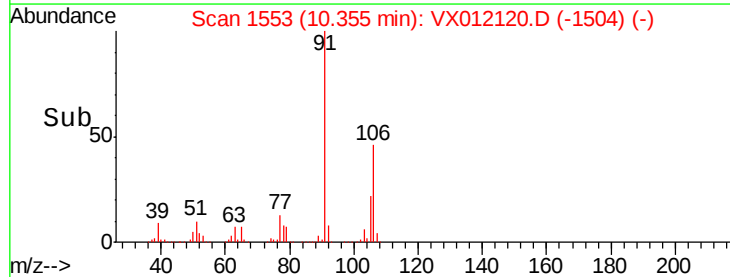
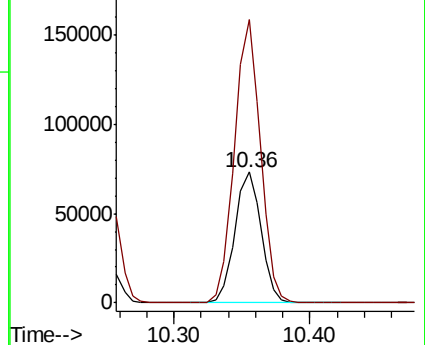
106 100

91 214.2 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

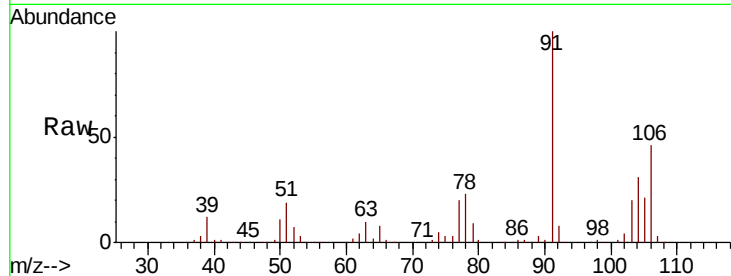




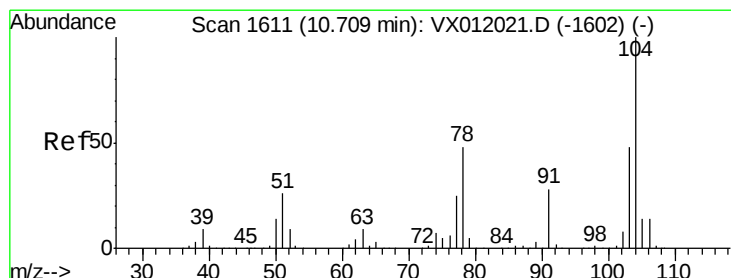
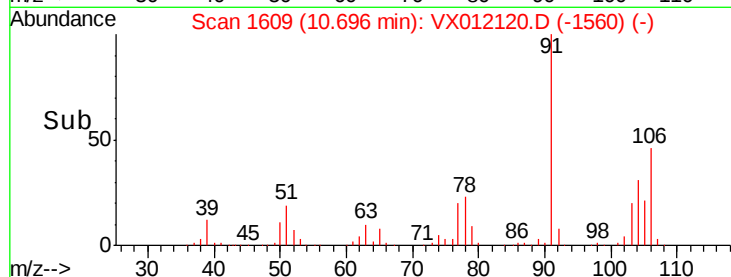
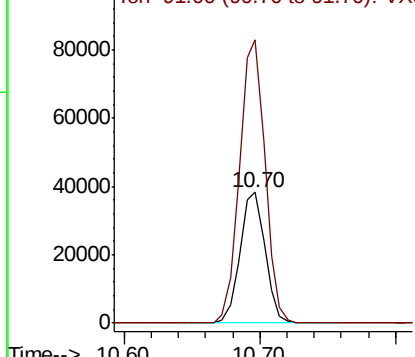
#69
o-Xylene
Concen: 19.490 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

Tgt Ion:106 Resp: 49443
Ion Ratio Lower Upper
106 100
91 219.7 103.5 310.3

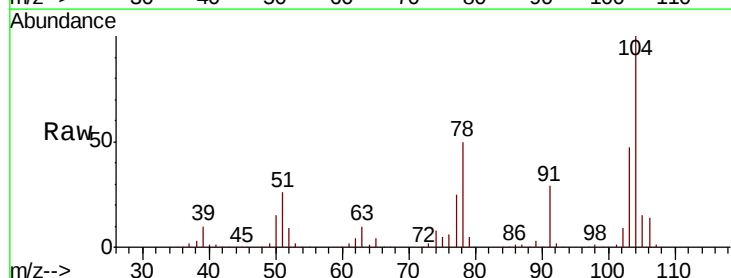


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

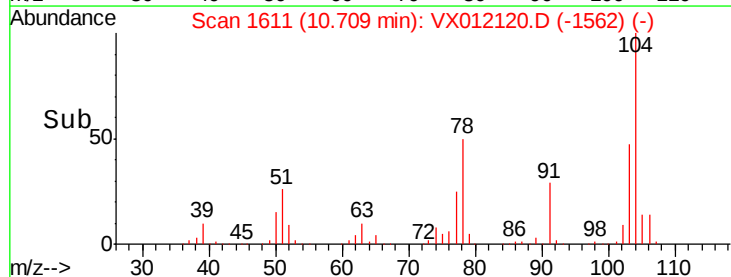
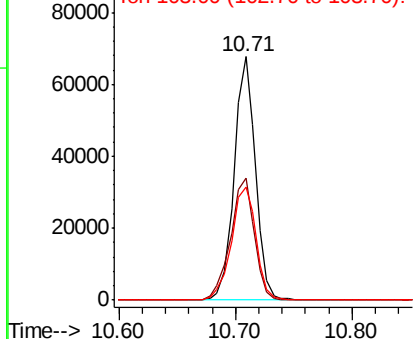


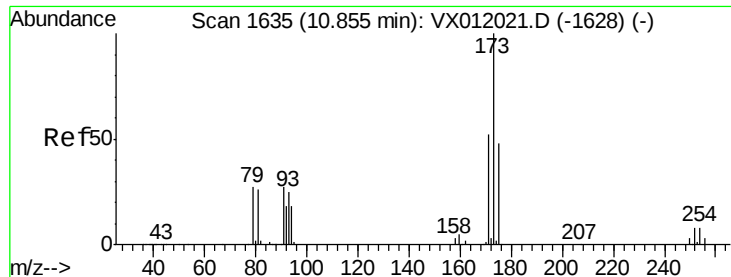
#70
Styrene
Concen: 19.538 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion:104 Resp: 86090
Ion Ratio Lower Upper
104 100
78 56.4 39.1 58.7
103 53.9 43.4 65.2



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





#71

Bromoform

Concen: 19.761 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

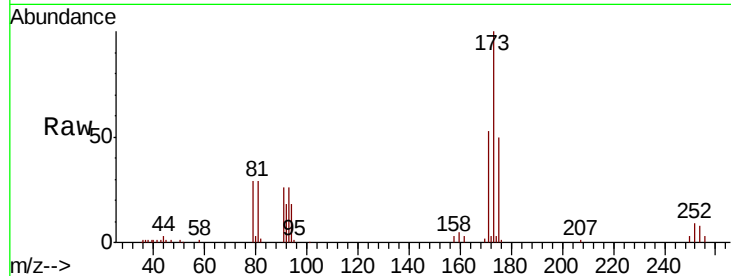
Tgt Ion:173 Resp: 15460

Ion Ratio Lower Upper

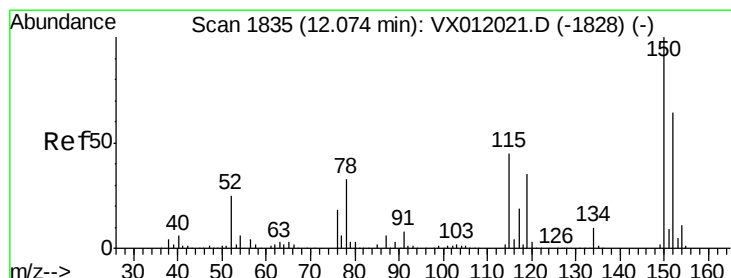
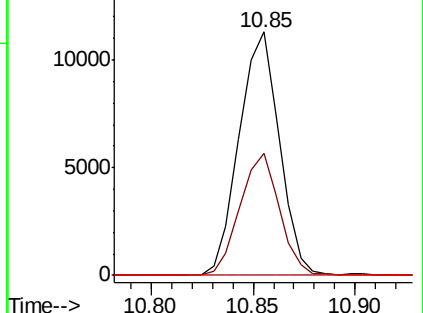
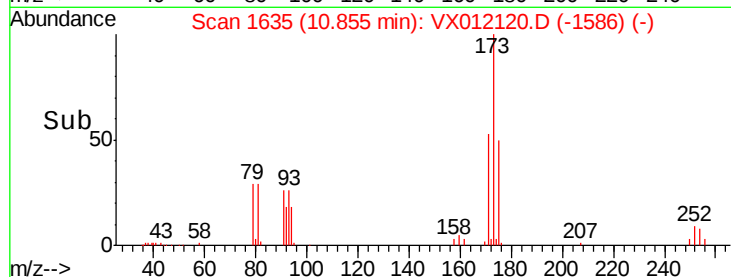
173 100

175 49.2 24.9 74.7

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

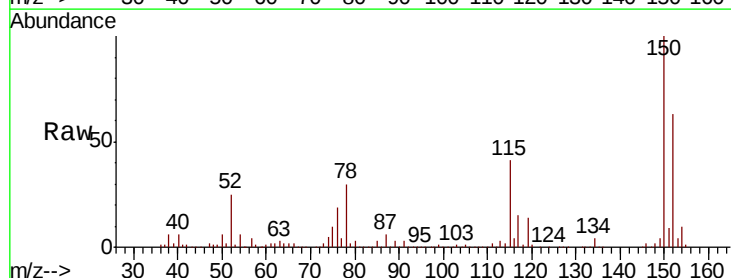
Tgt Ion:152 Resp: 97450

Ion Ratio Lower Upper

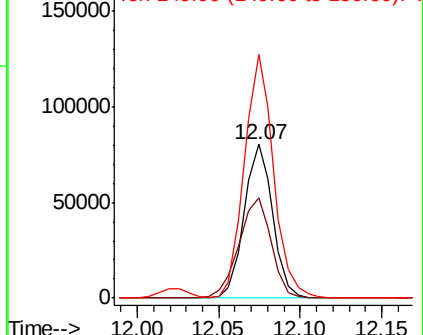
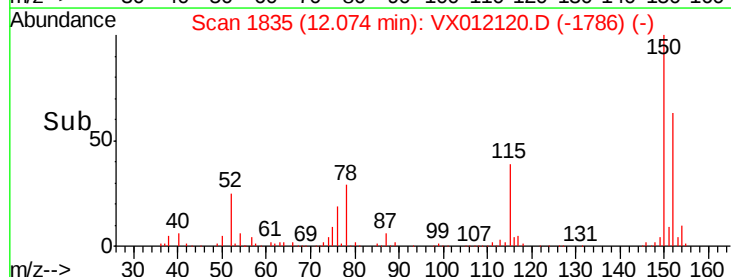
152 100

115 74.1 36.4 109.3

150 163.9 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.606 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

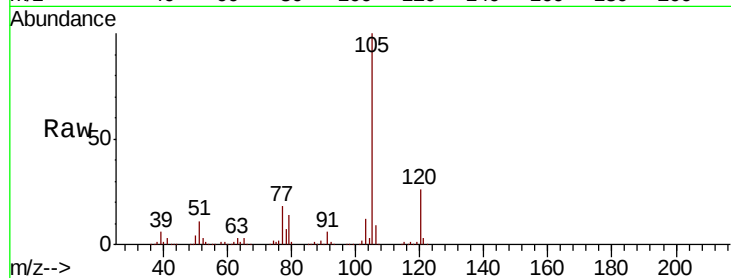
VX0905SBS02

Tgt Ion: 105 Resp: 133035

Ion Ratio Lower Upper

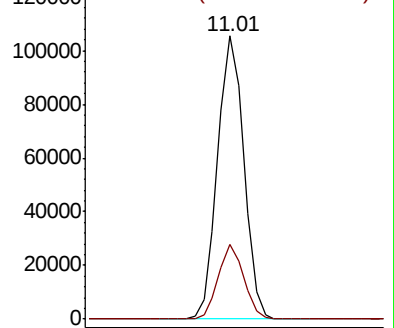
105 100

120 25.5 13.9 41.6

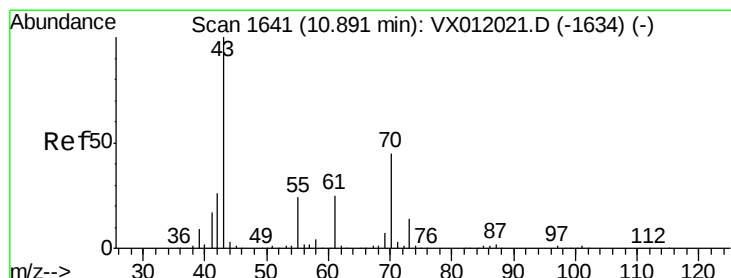
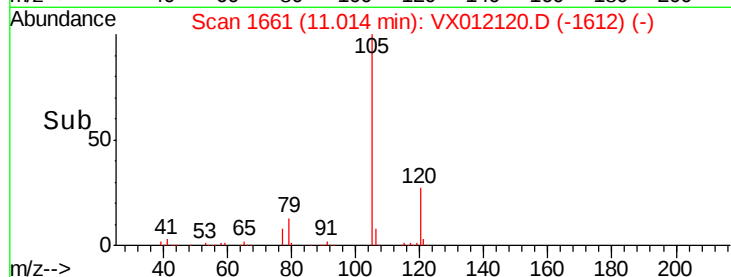


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.204 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Tgt Ion: 43 Resp: 40598

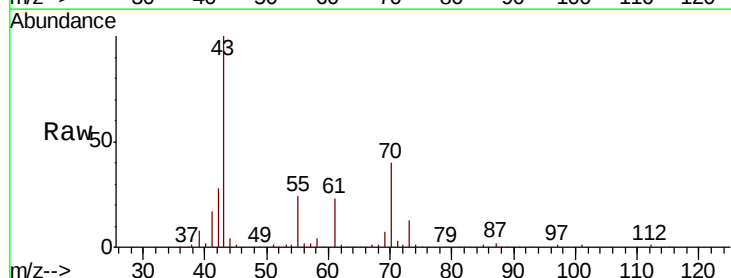
Ion Ratio Lower Upper

43 100

70 41.4 34.4 51.6

55 24.1 18.5 27.7

61 24.0 19.5 29.3

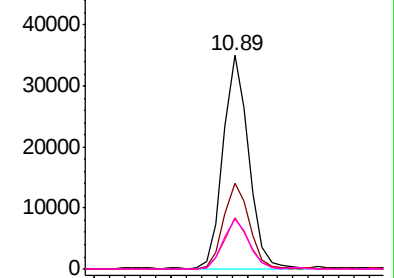


Abundance Ion 43.00 (42.70 to 43.70): VX0

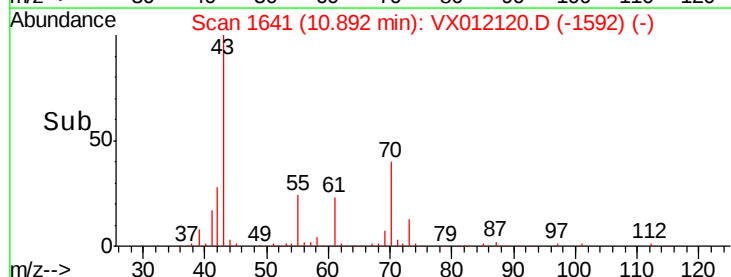
Ion 70.00 (69.70 to 70.70): VX0

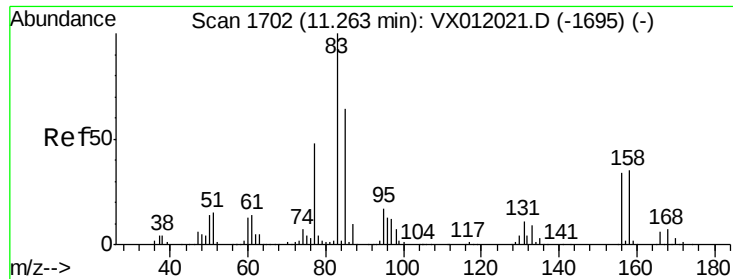
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->

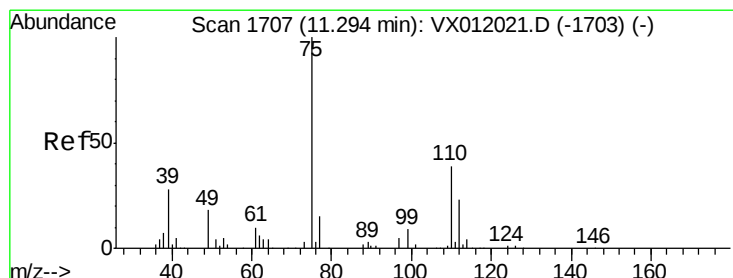
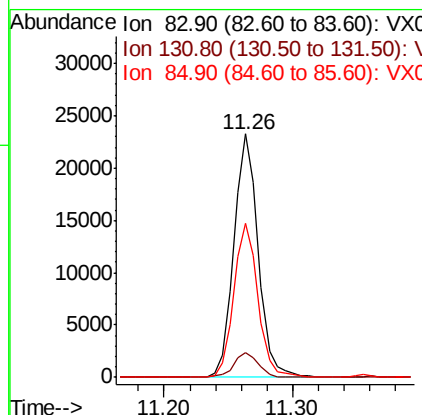
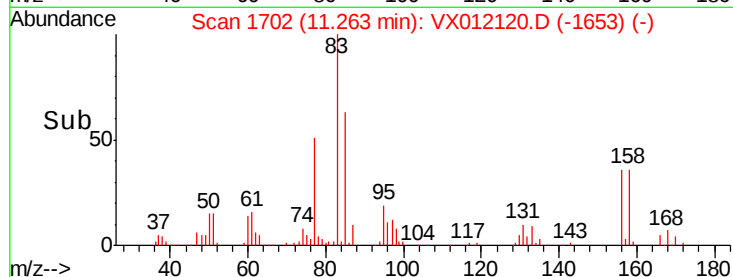
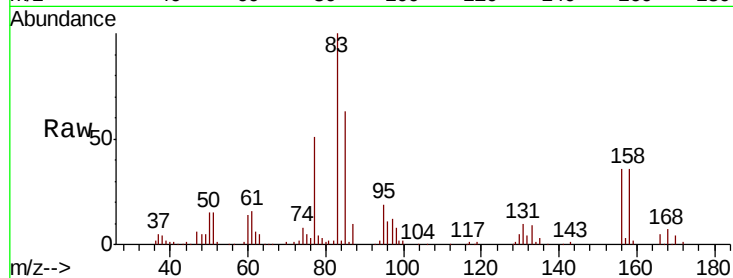




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.601 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

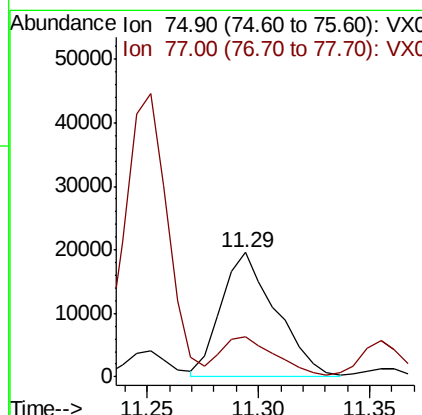
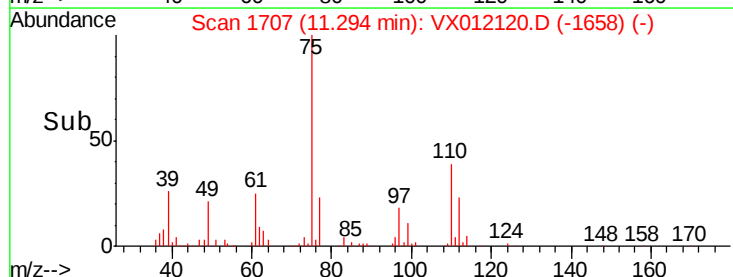
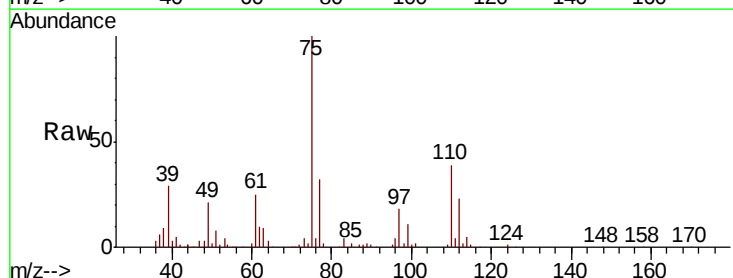
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

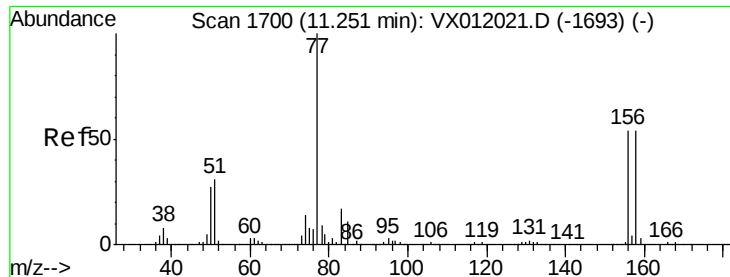
Tgt Ion: 83 Resp: 30708
 Ion Ratio Lower Upper
 83 100
 131 10.3 6.3 19.1
 85 63.2 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 28.043 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 75 Resp: 33391
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.5 70.5





#77

Bromobenzene

Concen: 19.826 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

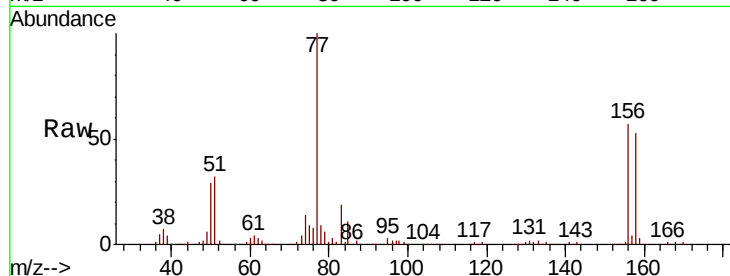
Tgt Ion:156 Resp: 31704

Ion Ratio Lower Upper

156 100

77 187.1 63.4 190.2

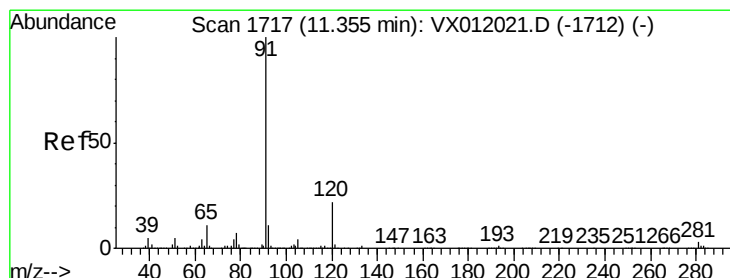
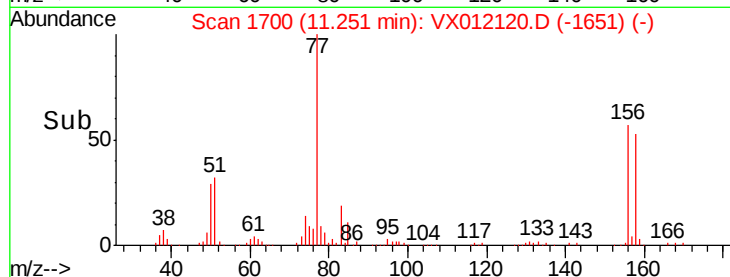
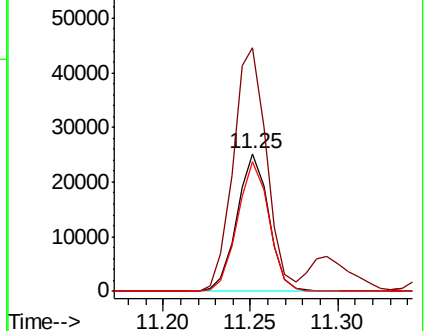
158 94.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.340 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012120.D

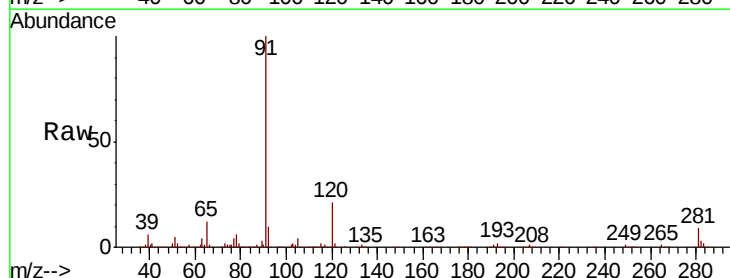
Acq: 06 Sep 2019 01:29

Tgt Ion: 91 Resp: 158424

Ion Ratio Lower Upper

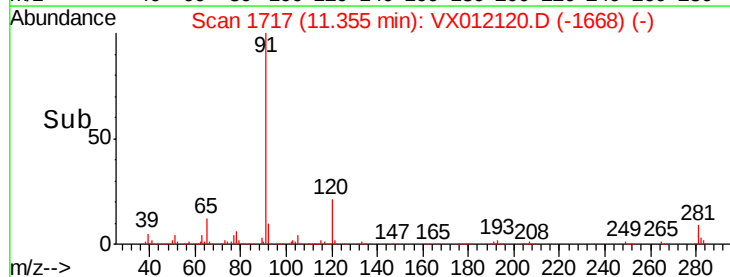
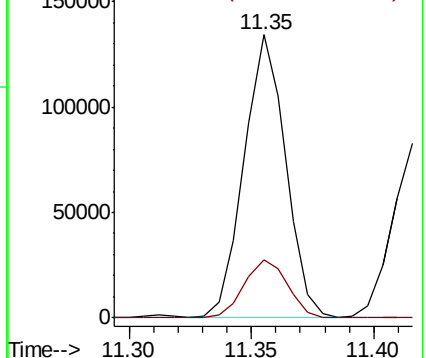
91 100

120 21.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

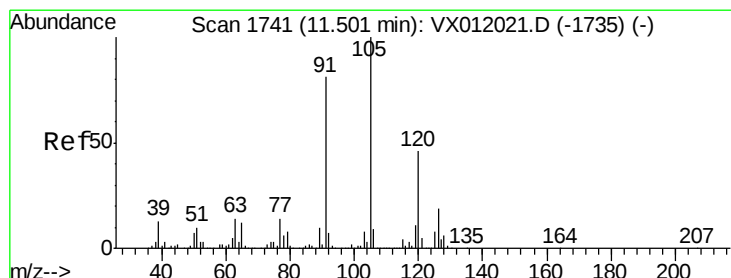
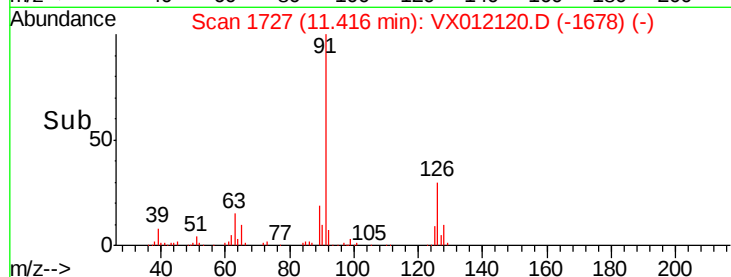
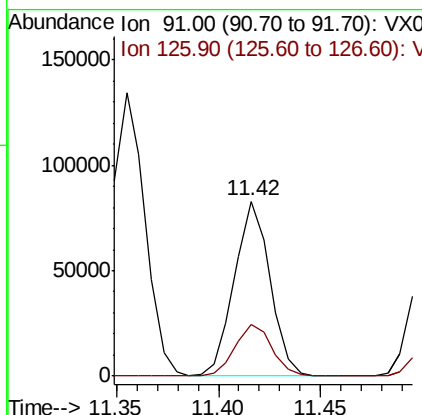
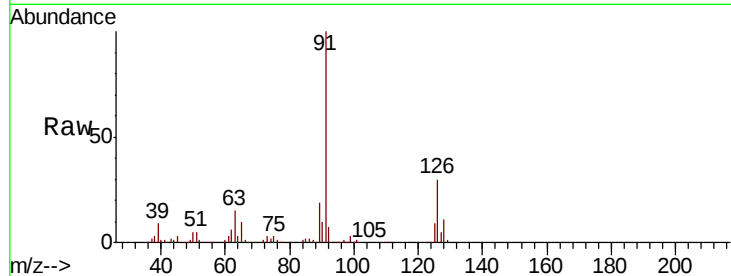




#79
 2-Chlorotoluene
 Concen: 19.173 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

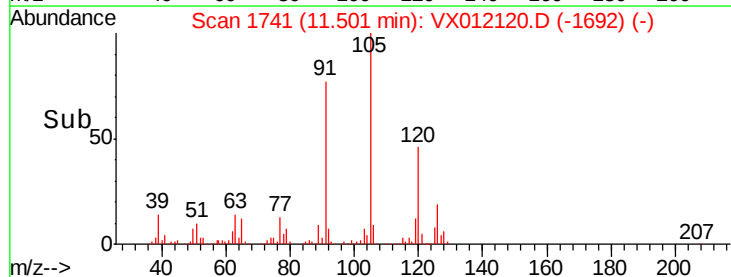
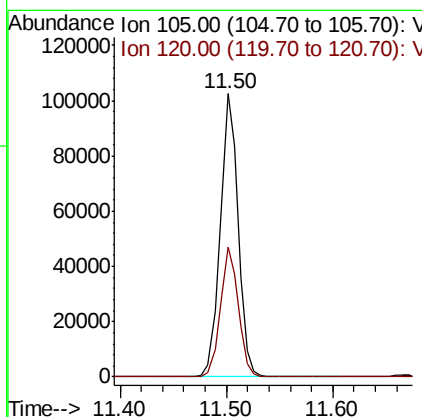
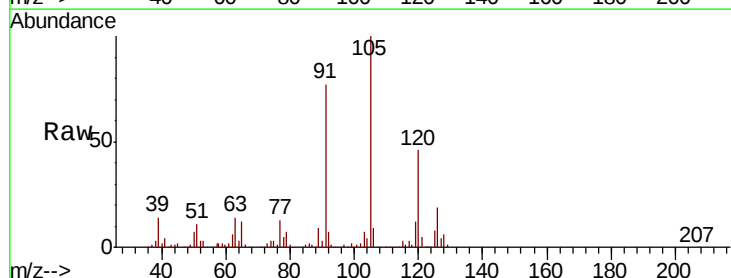
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

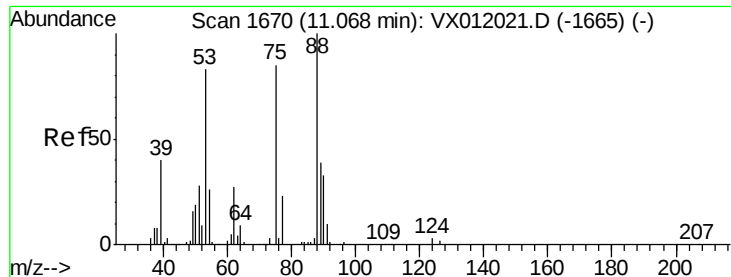
Tgt Ion: 91 Resp: 100337
 Ion Ratio Lower Upper
 91 100
 126 30.7 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.114 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 105 Resp: 119764
 Ion Ratio Lower Upper
 105 100
 120 45.7 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 15.396 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012120.D

Acq: 06 Sep 2019 01:29

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

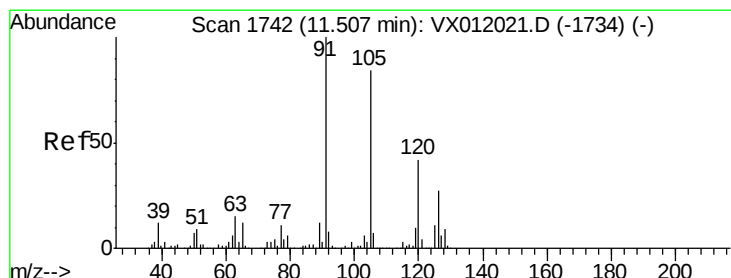
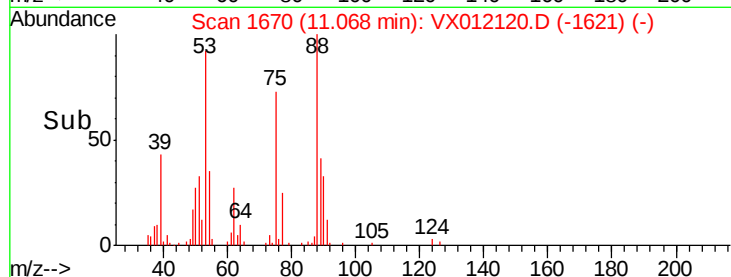
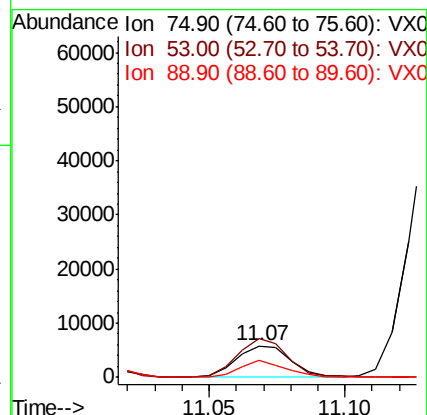
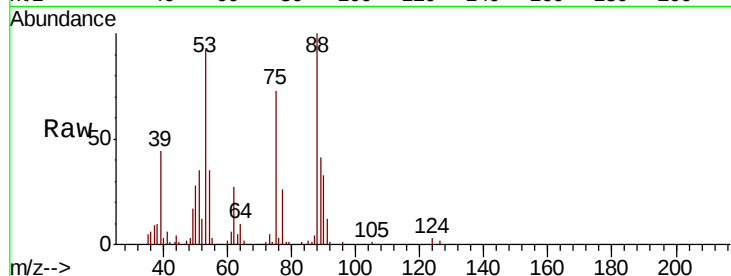
Tgt Ion: 75 Resp: 7754

Ion Ratio Lower Upper

75 100

53 120.8 78.6 117.8#

89 49.1 38.8 58.2



#82

4-Chlorotoluene

Concen: 19.559 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012120.D

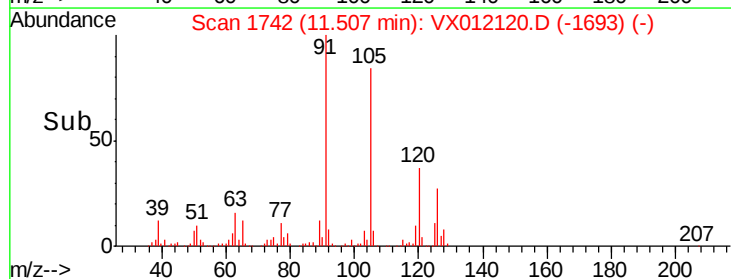
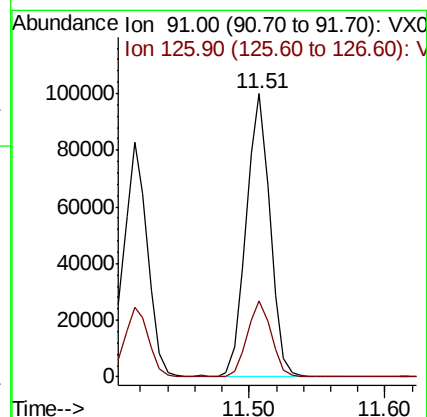
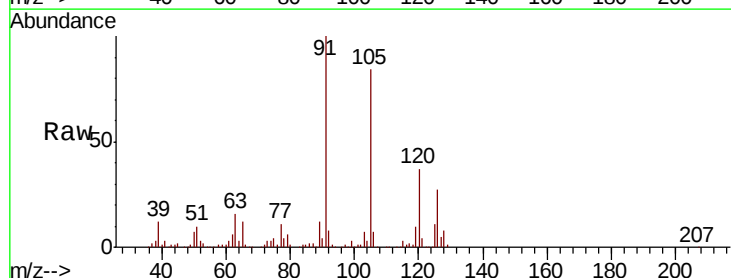
Acq: 06 Sep 2019 01:29

Tgt Ion: 91 Resp: 121997

Ion Ratio Lower Upper

91 100

126 27.0 16.2 48.6

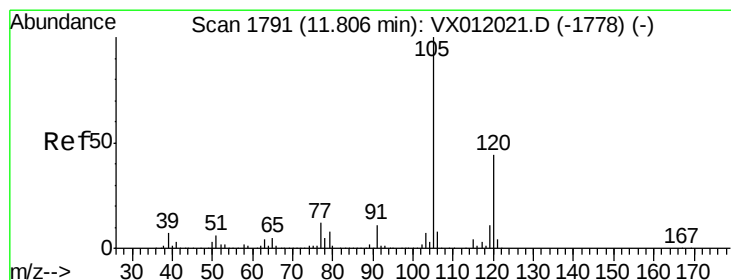
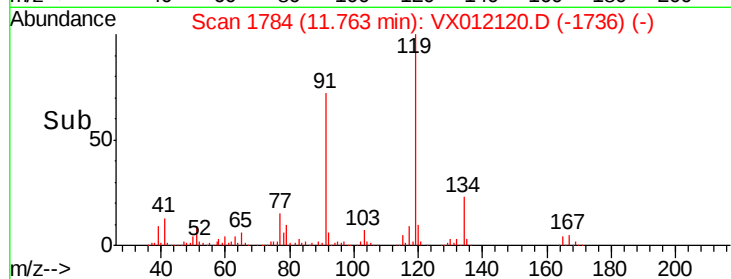
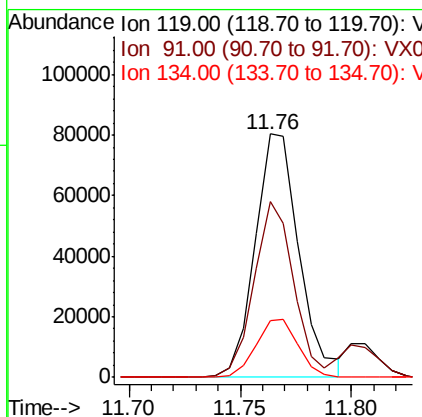
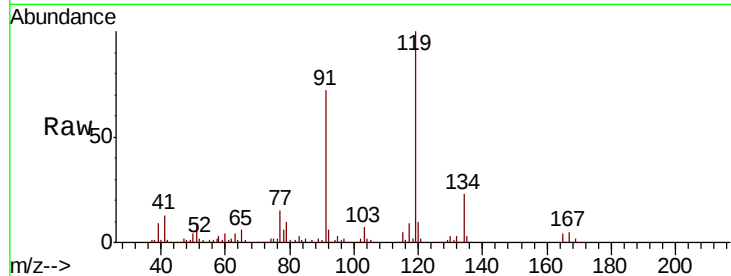




#83
 tert-Butylbenzene
 Concen: 18.536 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

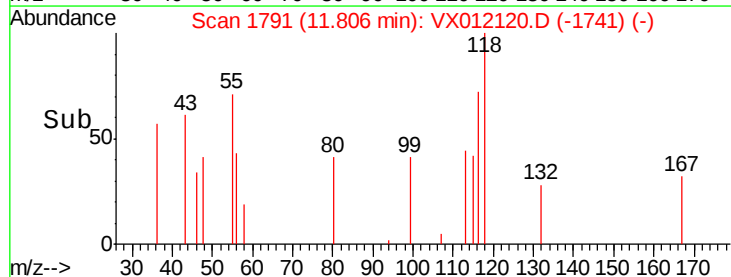
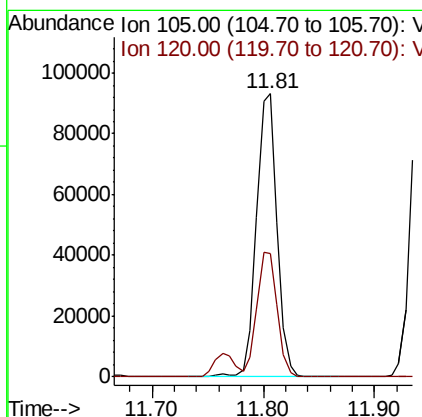
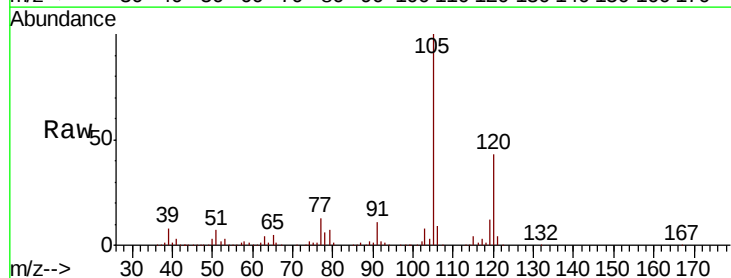
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

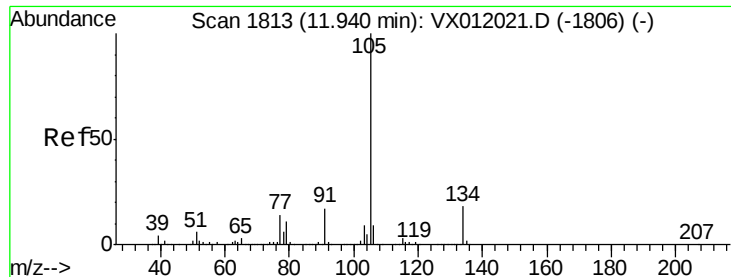
Tgt Ion:119 Resp: 110697
 Ion Ratio Lower Upper
 119 100
 91 65.2 27.1 81.2
 134 22.8 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.660 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion:105 Resp: 120169
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.6 70.8

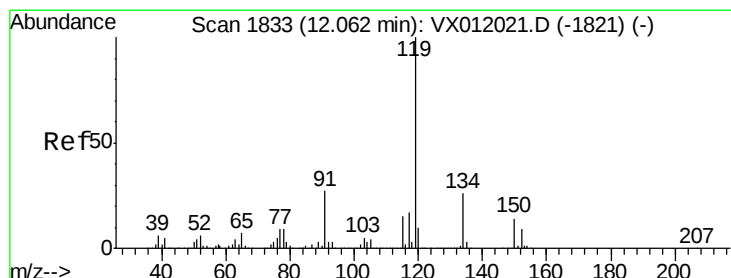
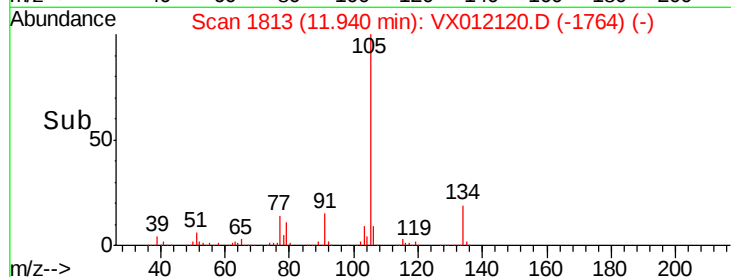
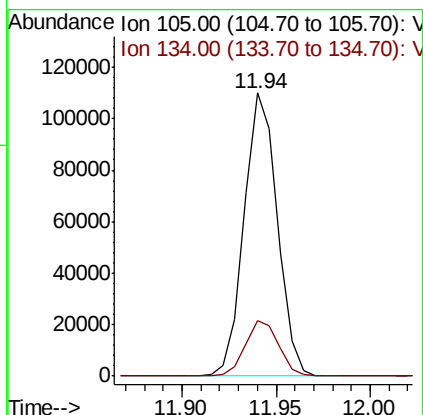
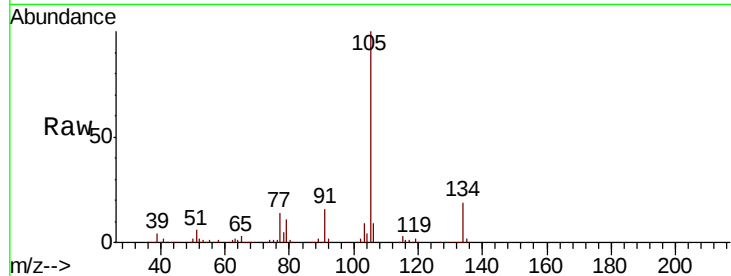




#85
 sec-Butylbenzene
 Concen: 18.174 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

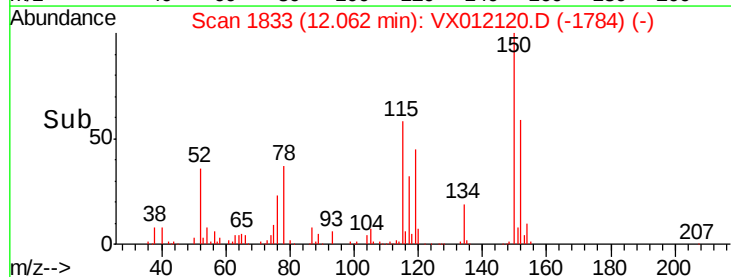
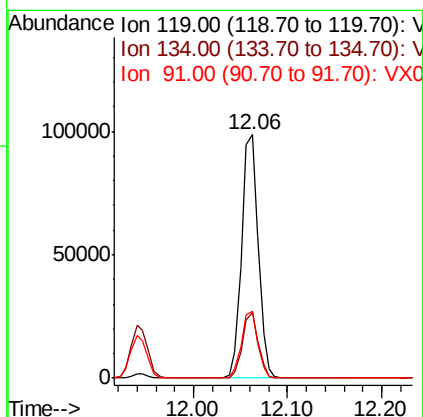
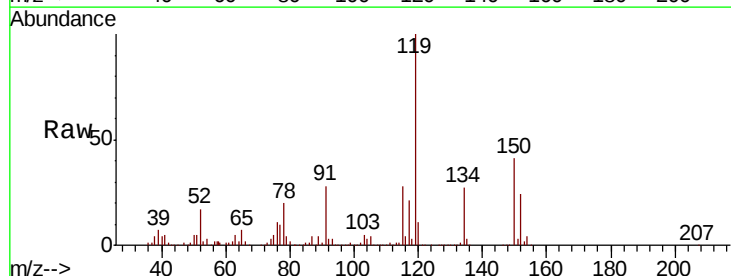
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

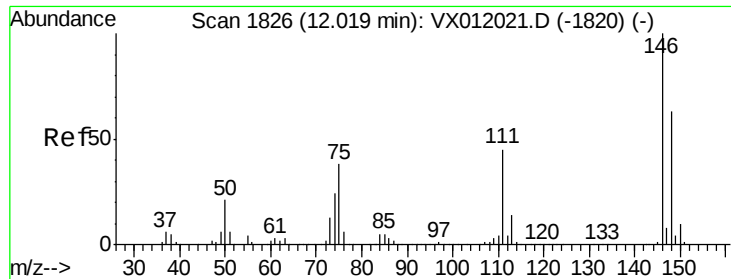
Tgt Ion:105 Resp: 134809
 Ion Ratio Lower Upper
 105 100
 134 19.6 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 18.040 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion:119 Resp: 121700
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.7 41.1
 91 27.1 11.4 34.1

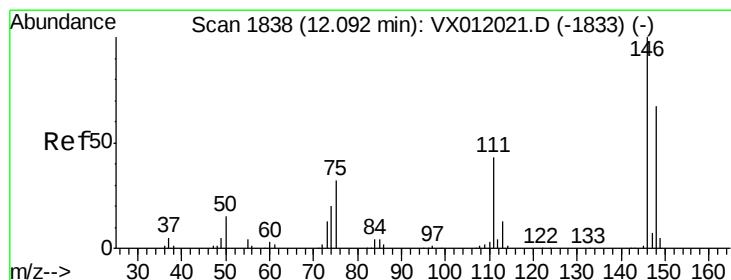
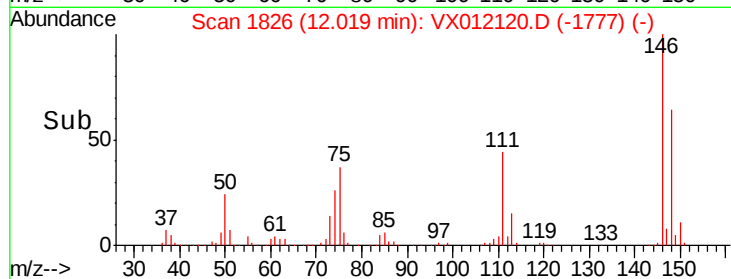
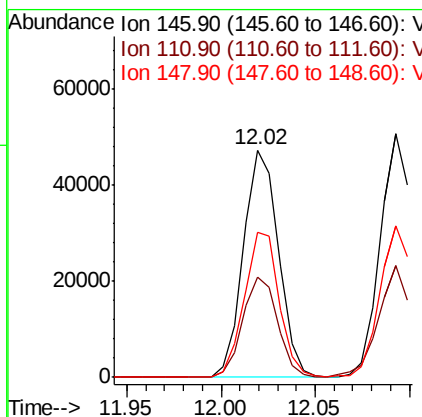
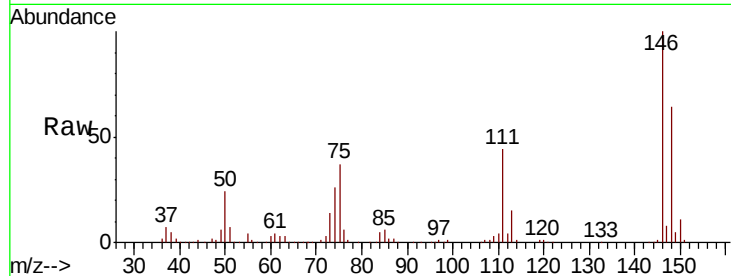




#87
 1,3-Dichlorobenzene
 Concen: 19.032 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

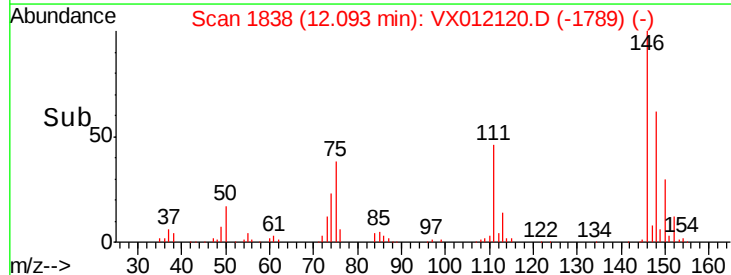
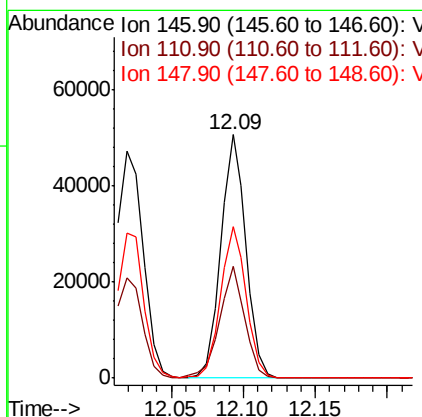
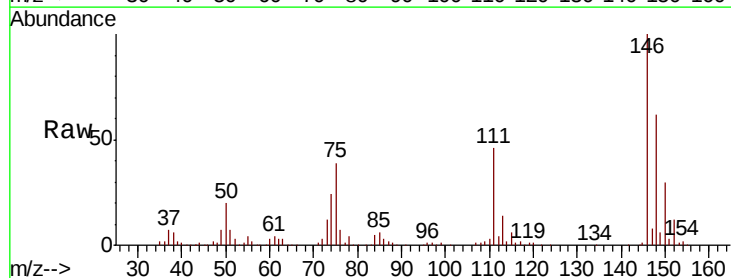
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

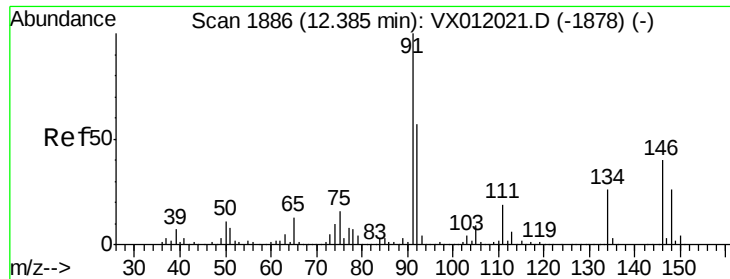
Tgt Ion:146 Resp: 60985
 Ion Ratio Lower Upper
 146 100
 111 44.2 18.1 54.1
 148 63.4 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 19.335 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion:146 Resp: 61950
 Ion Ratio Lower Upper
 146 100
 111 46.2 17.7 53.1
 148 63.5 32.4 97.0

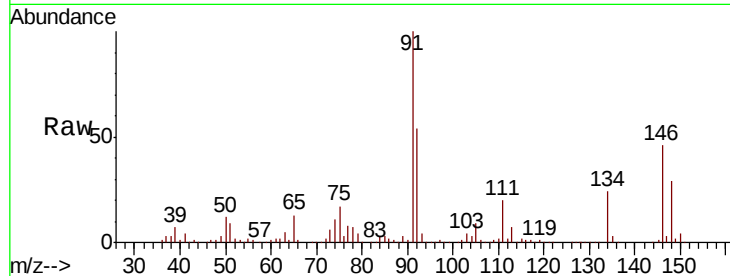




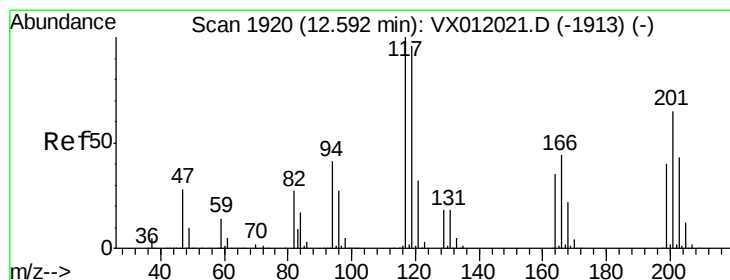
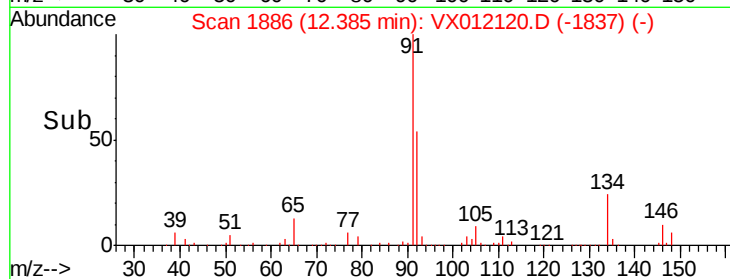
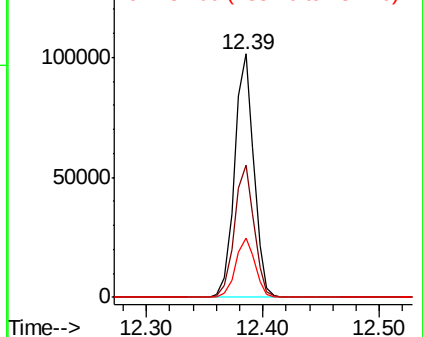
#89
n-Butylbenzene
Concen: 17.859 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

Tgt Ion: 91 Resp: 117034
Ion Ratio Lower Upper
91 100
92 55.2 27.6 82.8
134 24.8 15.4 46.1

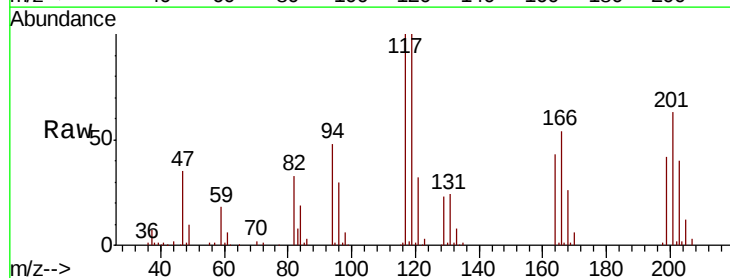


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

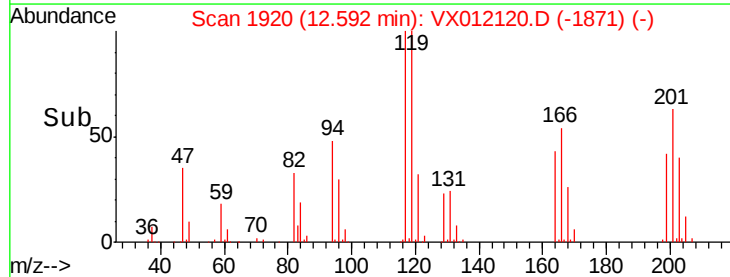
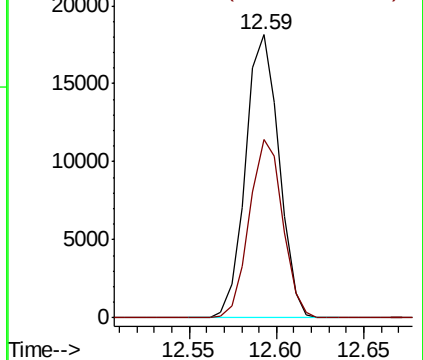


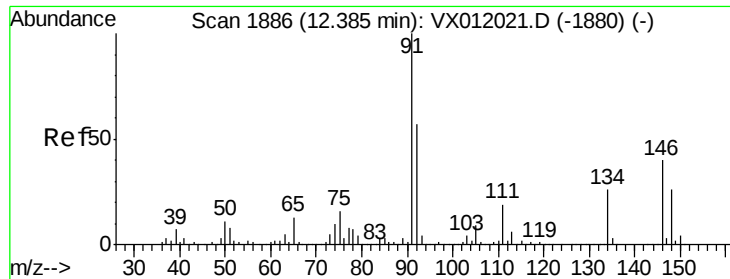
#90
Hexachloroethane
Concen: 17.953 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion: 117 Resp: 24182
Ion Ratio Lower Upper
117 100
201 62.8 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

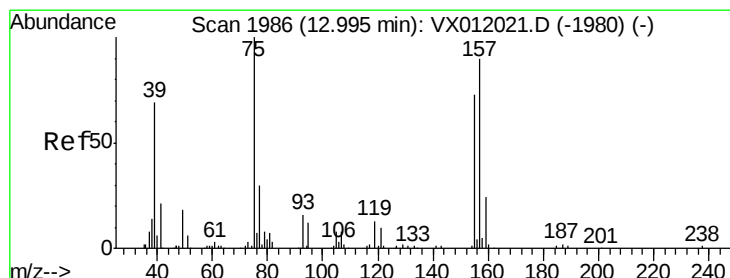
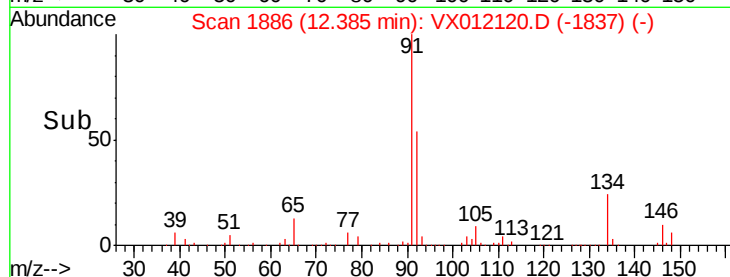
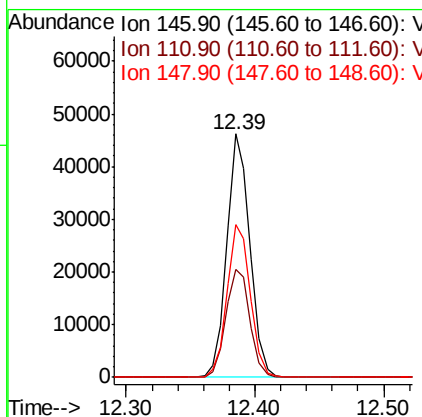
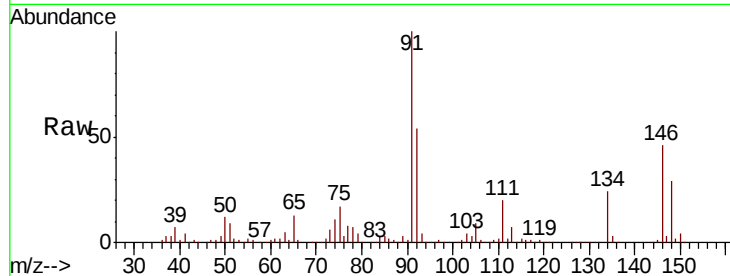




#91
 1,2-Dichlorobenzene
 Concen: 20.131 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

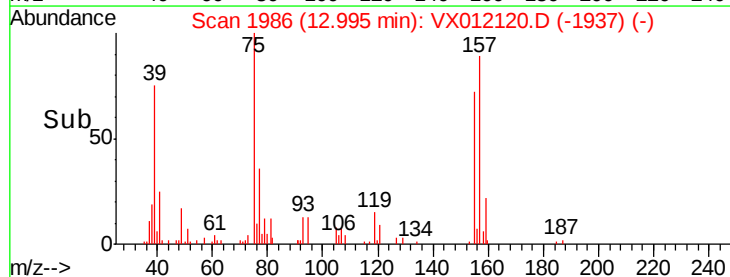
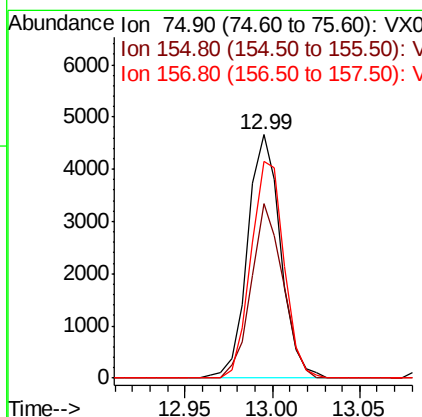
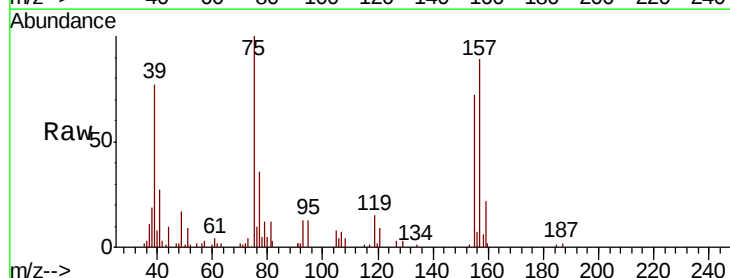
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

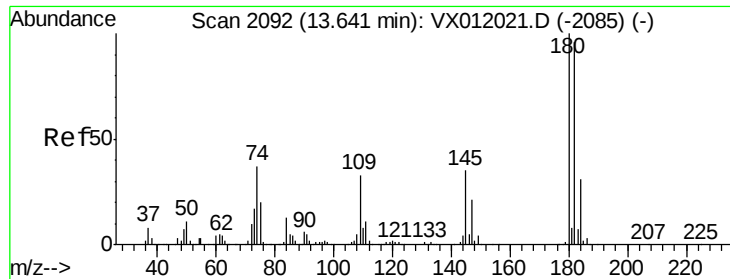
Tgt Ion: 146 Resp: 58095
 Ion Ratio Lower Upper
 146 100
 111 46.6 18.6 56.0
 148 63.7 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.611 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion: 75 Resp: 6117
 Ion Ratio Lower Upper
 75 100
 155 68.7 51.7 155.2
 157 88.5 66.9 200.7

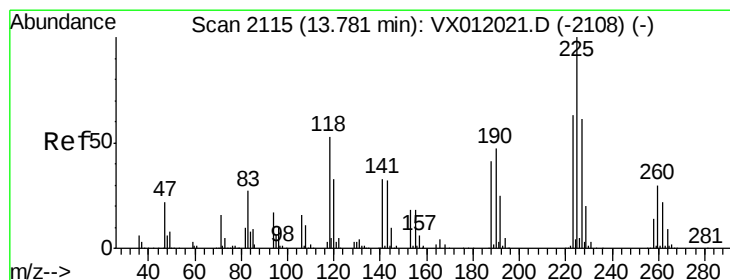
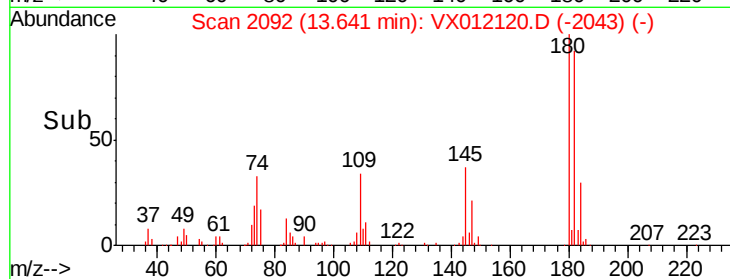
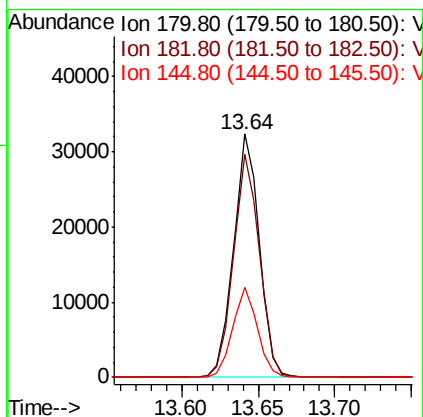
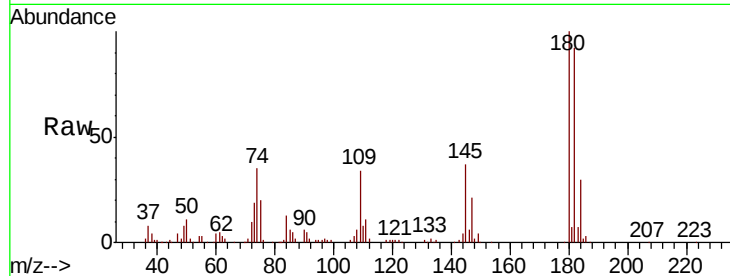




#93
 1,2,4-Trichlorobenzene
 Concen: 18.218 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

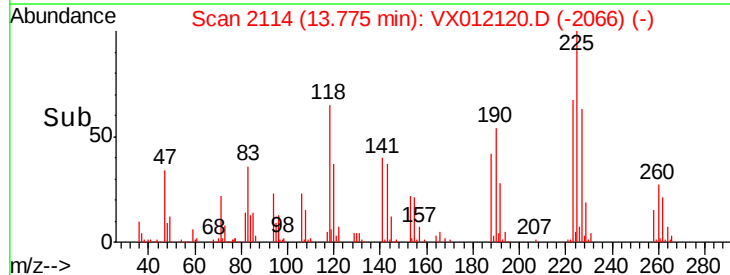
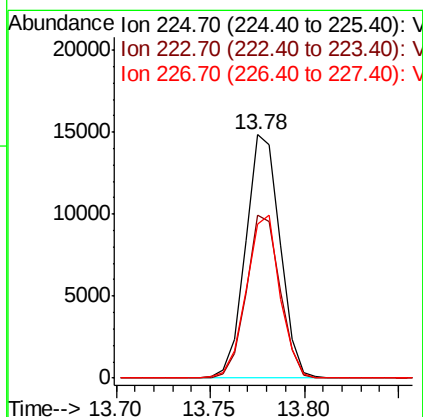
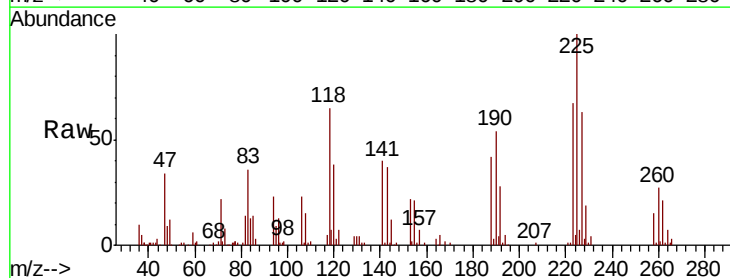
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

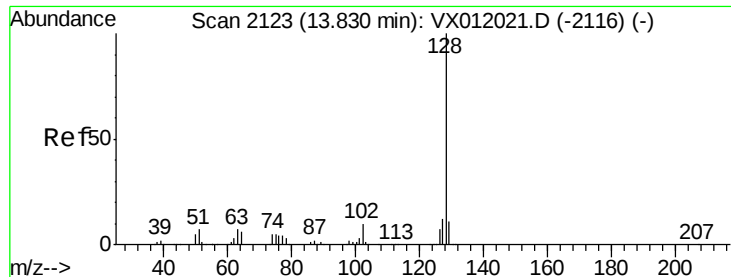
Tgt Ion:180 Resp: 37421
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.3 142.0
 145 35.8 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 18.090 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012120.D
 Acq: 06 Sep 2019 01:29

Tgt Ion:225 Resp: 18731
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.6 95.0
 227 65.5 32.5 97.5

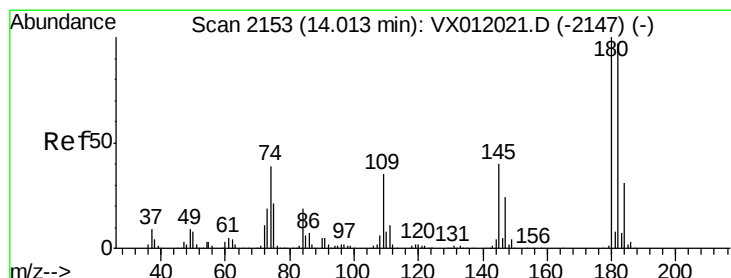
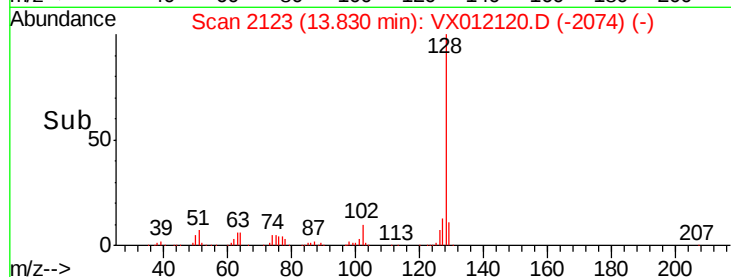
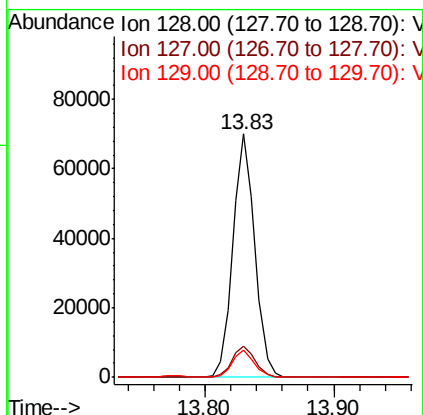
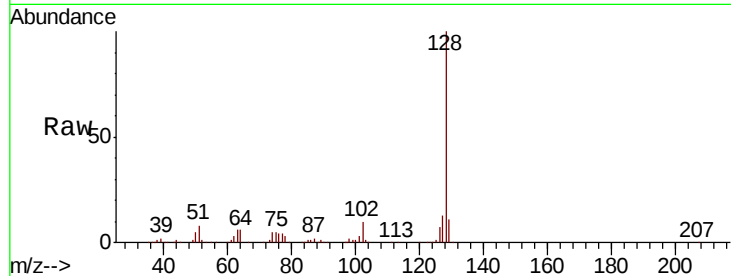




#95
Naphthalene
Concen: 18.738 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

Tgt Ion:128 Resp: 83303
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.712 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012120.D
Acq: 06 Sep 2019 01:29

Tgt Ion:180 Resp: 33815
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 37.4 14.1 42.4

