

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112520\
 Data File : VX019653.D
 Acq On : 25 Nov 2020 13:58
 Operator : JC/MD
 Sample : L4841-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40741DL

Quant Time: Nov 26 04:58:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	311874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	510585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	477282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	194328	48.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.12%
35) Dibromofluoromethane	5.46	113	152448	47.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.14%
50) Toluene-d8	8.70	98	627343	50.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.74%
62) 4-Bromofluorobenzene	11.12	95	233995	52.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.44%

Target Compounds

					Qvalue
3) Chloromethane	1.31	50	715	0.205	ug/l 97
5) Bromomethane	1.62	94	665	0.469	ug/l # 70
6) Chloroethane	1.64	64	4888	1.226	ug/l # 54
11) Tert butyl alcohol	3.00	59	21015	27.461	ug/l # 85
13) Acrolein	2.26	56	116	0.225	ug/l # 1
14) Allyl chloride	2.58	41	14840	3.059	ug/l # 59
16) Acetone	2.42	43	321675	205.704	ug/l 98
17) Carbon Disulfide	2.55	76	3407	0.410	ug/l # 79
18) Methyl Acetate	2.58	43	40806	11.142	ug/l # 47
19) Methyl tert-butyl Ether	3.17	73	9999	0.936	ug/l 94
20) Methylene Chloride	2.83	84	1859	0.476	ug/l # 95
22) Diisopropyl ether	3.83	45	10027	0.999	ug/l # 85
23) Vinyl Acetate	3.82	43	5398	0.641	ug/l # 68
25) 2-Butanone	4.64	43	76285	32.474	ug/l 98
29) Tetrahydrofuran	5.09	42	822	0.548	ug/l # 32
36) 1,1-Dichloropropene	5.63	75	23732	4.958	ug/l # 49
37) Ethyl Acetate	4.64	43	76285	16.976	ug/l # 65
38) Carbon Tetrachloride	5.63	117	30393	6.560	ug/l # 15
39) Methylcyclohexane	7.45	83	1983	0.356	ug/l 91
40) Benzene	6.11	78	38014	2.585	ug/l 99
41) Methacrylonitrile	5.09	41	3764	1.519	ug/l # 41
44) Trichloroethene	7.18	130	1176	0.305	ug/l 75
51) 4-Methyl-2-Pentanone	8.62	43	9798	2.224	ug/l 97
52) Toluene	8.76	92	53061	5.898	ug/l 97
55) 1,1,2-Trichloroethane	9.15	97	902	0.246	ug/l # 24
59) 2-Hexanone	9.47	43	9808	2.936	ug/l 100
67) Ethyl Benzene	10.23	91	123175	7.165	ug/l 97
68) m/p-Xylenes	10.34	106	211858	33.079	ug/l 99
69) o-Xylene	10.68	106	130326	21.287	ug/l 100
70) Styrene	10.68	104	7319	2.270	ug/l # 1
73) Isopropylbenzene	11.00	105	39160	2.548	ug/l 100
74) N-amyl acetate	10.91	43	3479	0.604	ug/l # 28
76) 1,2,3-Trichloropropane	11.41	75	7299	1.506	ug/l # 1
78) n-propylbenzene	11.34	91	182679	10.362	ug/l 99

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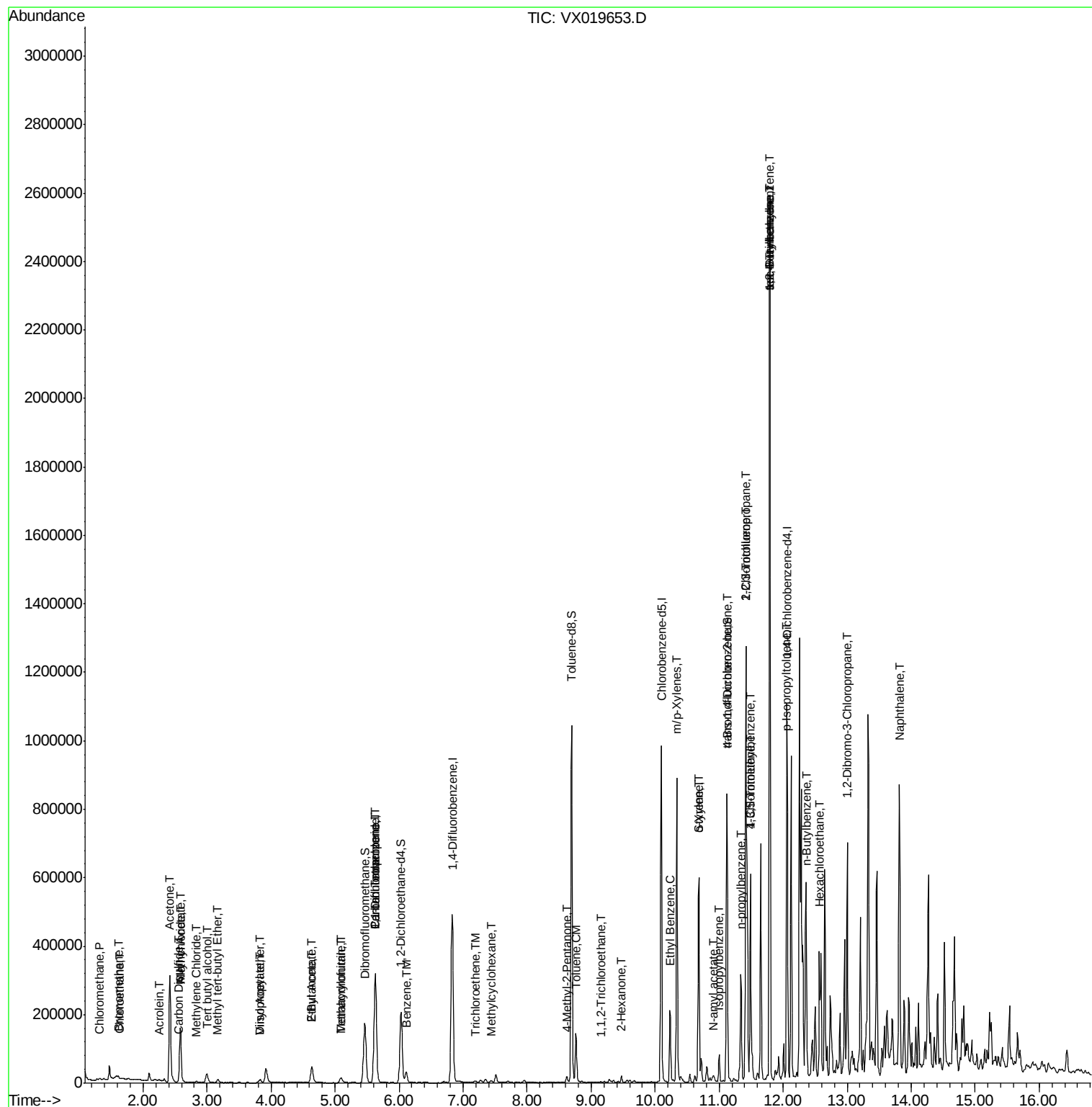
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.41	91	106041	9.918	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.49	105	263318	20.425	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	114606	62.675	ug/l #	12
82) 4-Chlorotoluene	11.49	91	27936	2.219	ug/l #	46
83) tert-Butylbenzene	11.79	119	135016	10.825	ug/l #	58
84) 1,2,4-Trimethylbenzene	11.79	105	1134562	86.978	ug/l	99
85) sec-Butylbenzene	11.79	105	1134562	76.463	ug/l #	56
86) p-Isopropyltoluene	12.05	119	17955	1.333	ug/l	95
89) n-Butylbenzene	12.37	91	82392	6.765	ug/l #	31
90) Hexachloroethane	12.57	117	14490	6.428	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.00	75	2142	1.910	ug/l #	3
95) Naphthalene	13.82	128	525617	32.857	ug/l	99

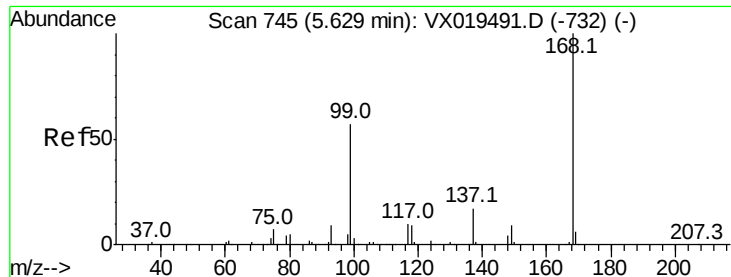
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleID :

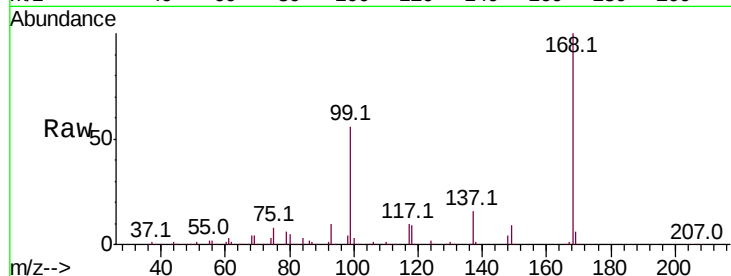
40741DL

Tot Ion:168 Resp: 311874

Ion Ratio Lower Upper

168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

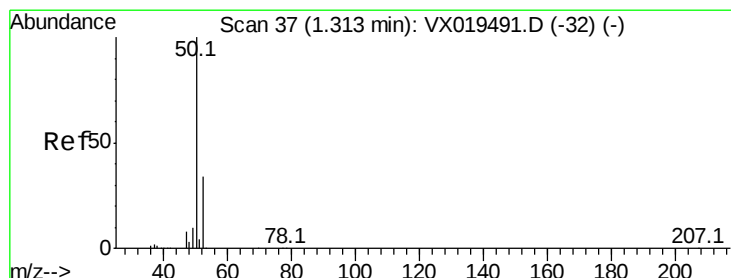
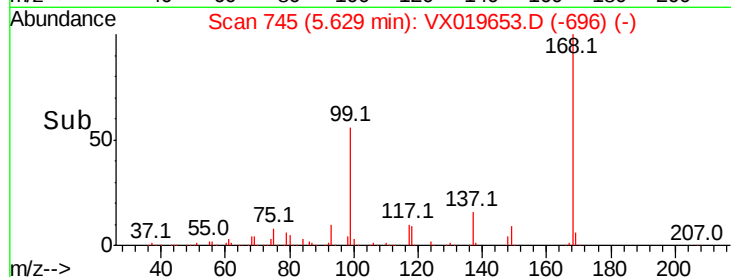
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.205 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019653.D

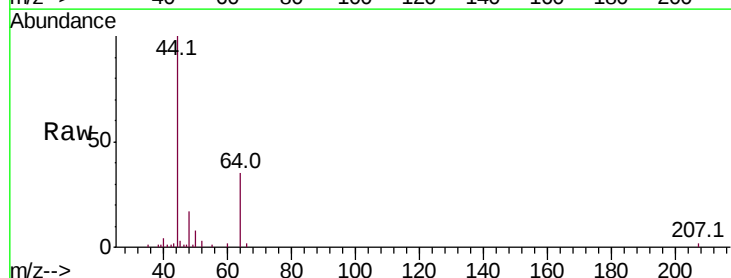
Acq: 25 Nov 2020 13:58

Tgt Ion: 50 Resp: 715

Ion Ratio Lower Upper

50 100

52 32.3 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

600

500

400

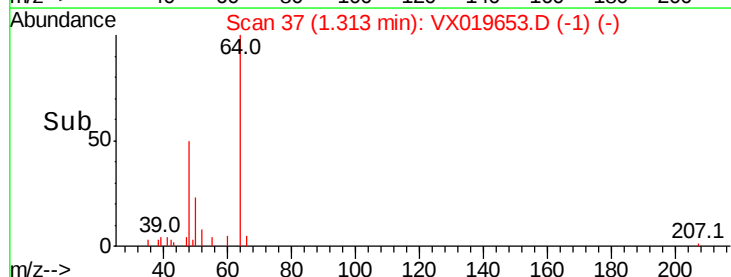
300

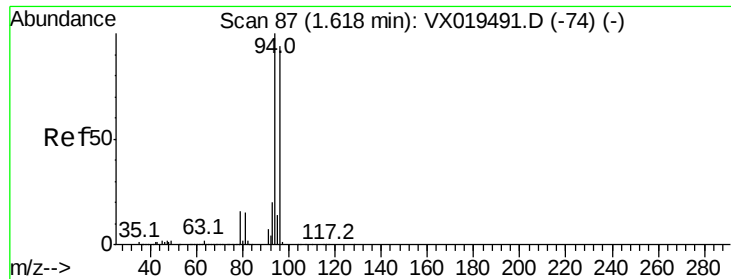
200

100

0

Time-->





#5

Bromomethane

Concen: 0.469 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleID :

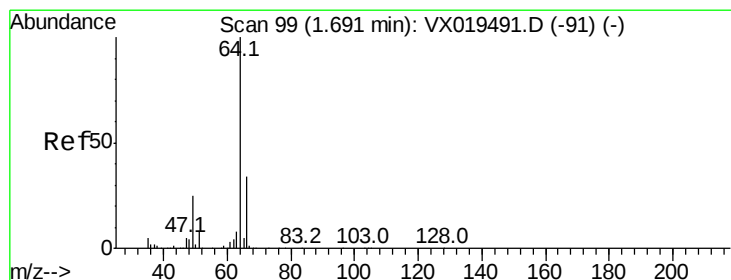
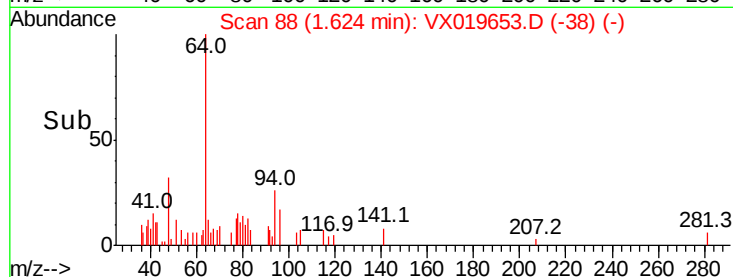
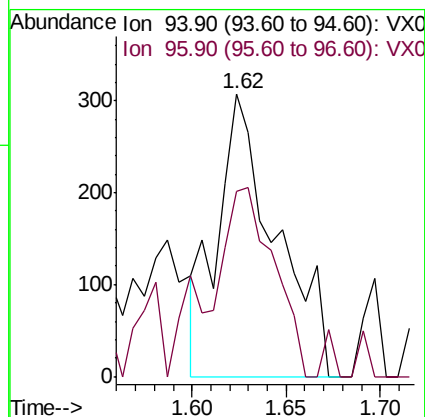
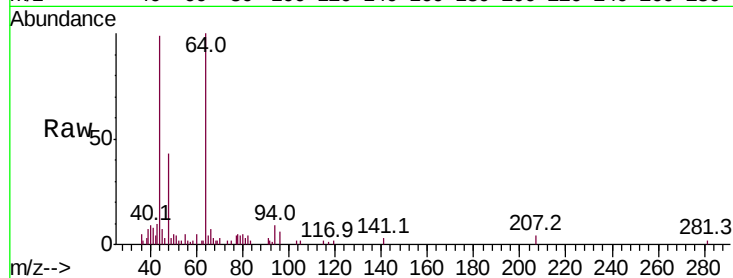
40741DL

Tot Ion: 94 Resp: 665

Ion Ratio Lower Upper

94 100

96 65.3 75.6 113.4#



#6

Chloroethane

Concen: 1.226 ug/l

RT: 1.64 min Scan# 91

Delta R.T. -0.05 min

Lab File: VX019653.D

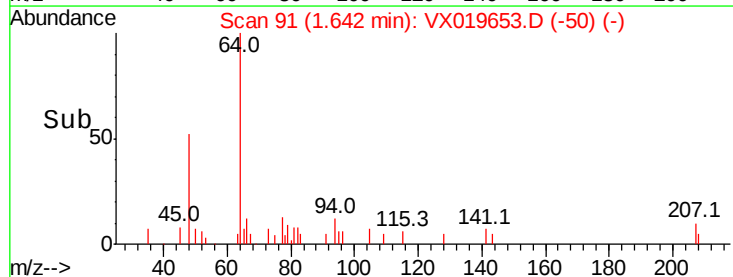
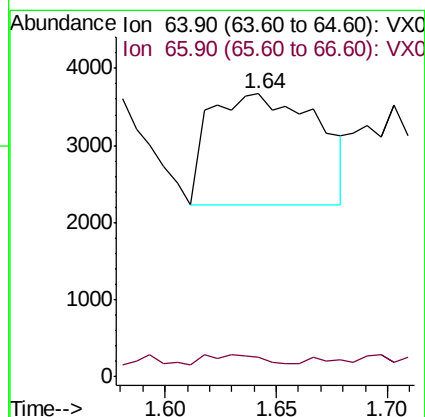
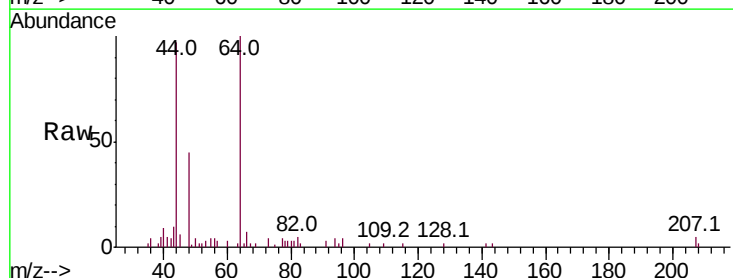
Acq: 25 Nov 2020 13:58

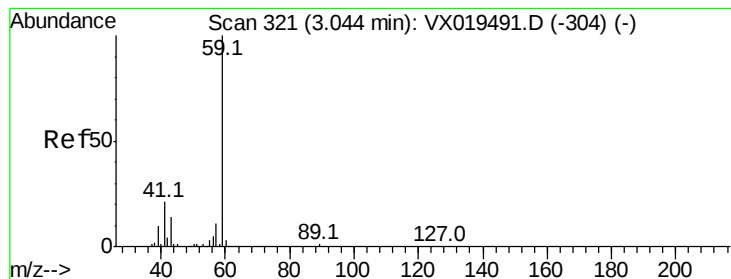
Tgt Ion: 64 Resp: 4888

Ion Ratio Lower Upper

64 100

66 7.6 27.1 40.7#



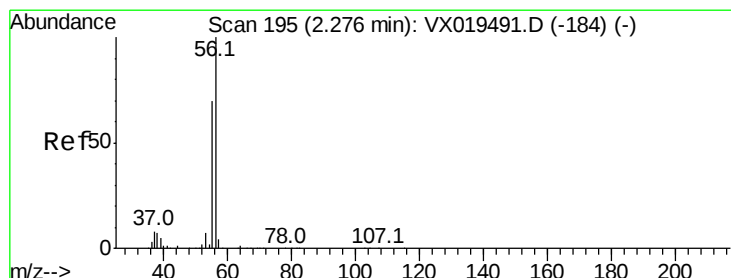
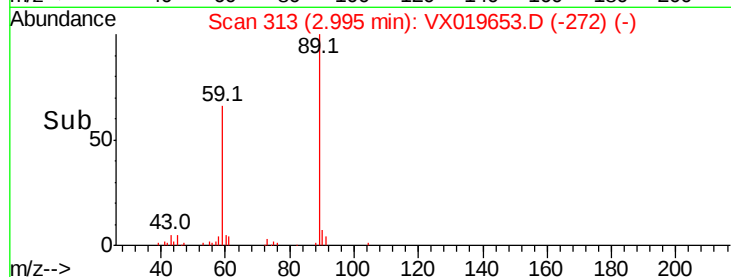
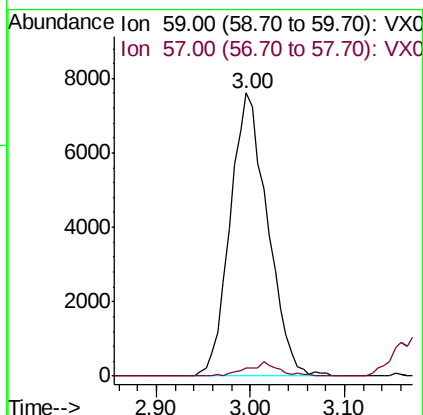
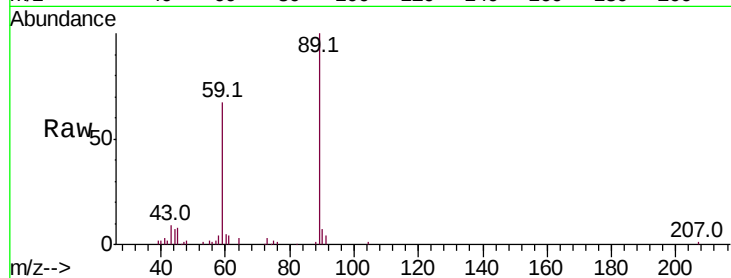


#11

Tert butyl alcohol
 Concen: 27.461 ug/l
 RT: 3.00 min Scan# 313
 Delta R.T. -0.05 min
 Lab File: VX019653.D
 Acq: 25 Nov 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleID :
 40741DL

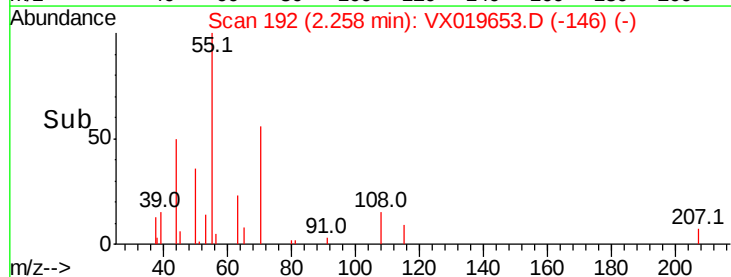
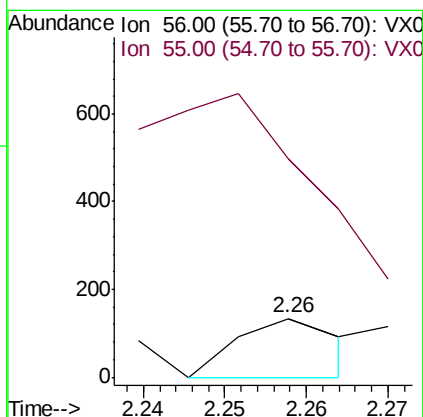
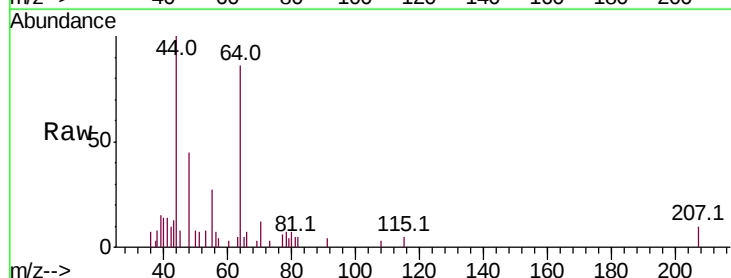
Tot Ion: 59 Resp: 21015
 Ion Ratio Lower Upper
 59 100
 57 4.4 7.9 11.9#

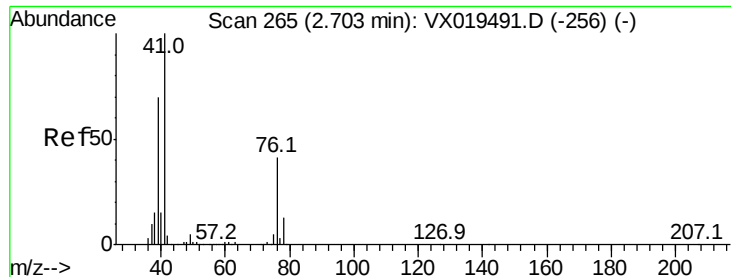


#13

Acrolein
 Concen: 0.225 ug/l
 RT: 2.26 min Scan# 192
 Delta R.T. -0.02 min
 Lab File: VX019653.D
 Acq: 25 Nov 2020 13:58

Tgt Ion: 56 Resp: 116
 Ion Ratio Lower Upper
 56 100
 55 1154.3 55.5 83.3#





#14

Allvl chloride

Concen: 3.059 ug/l

RT: 2.58 min Scan# 245

Delta R.T. -0.12 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

40741DL

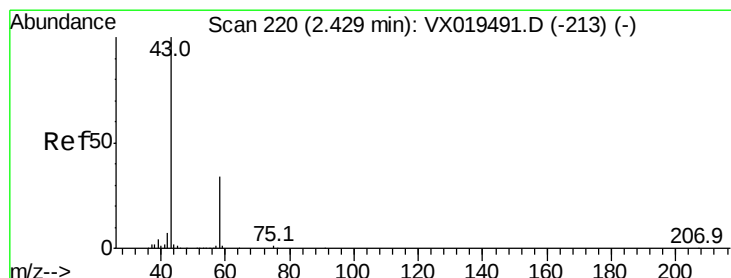
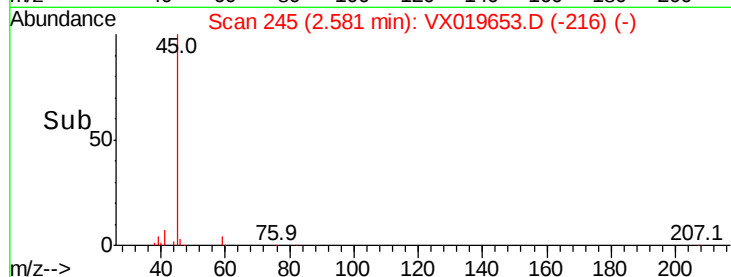
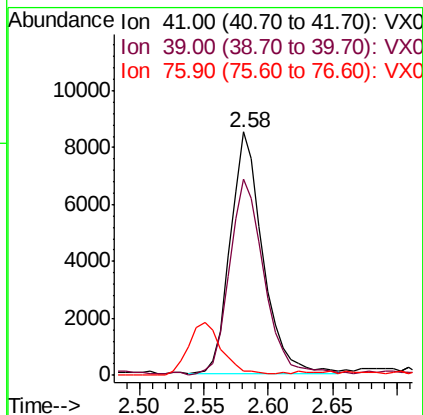
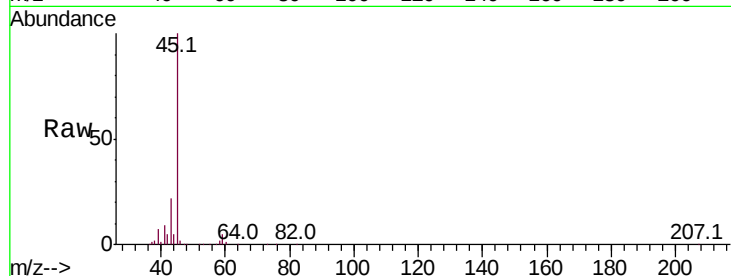
Tot Ion: 41 Resp: 14840

Ion Ratio Lower Upper

41 100

39 88.0 53.0 79.4#

76 0.0 31.0 46.6#



#16

Acetone

Concen: 205.704 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019653.D

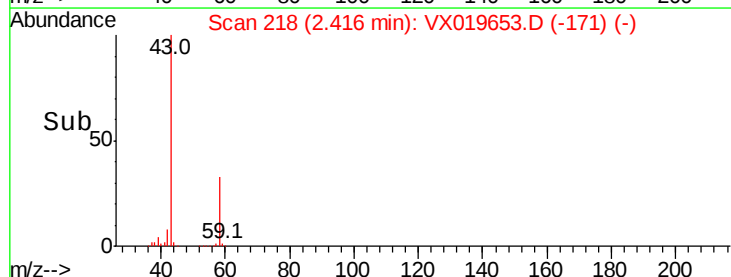
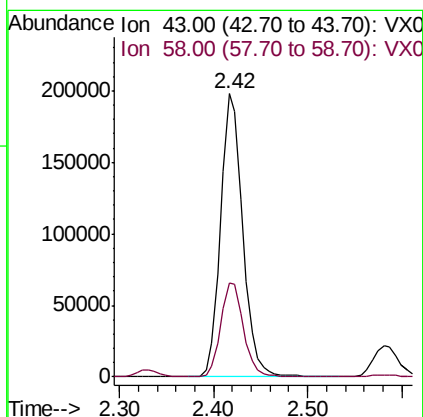
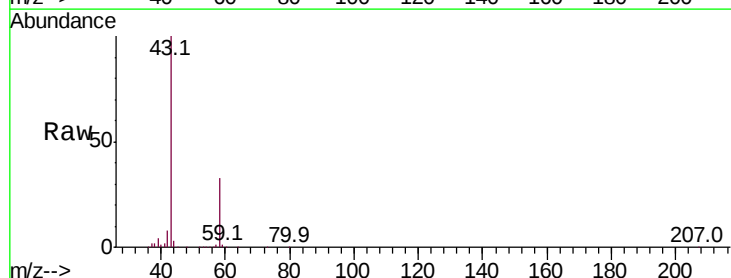
Acq: 25 Nov 2020 13:58

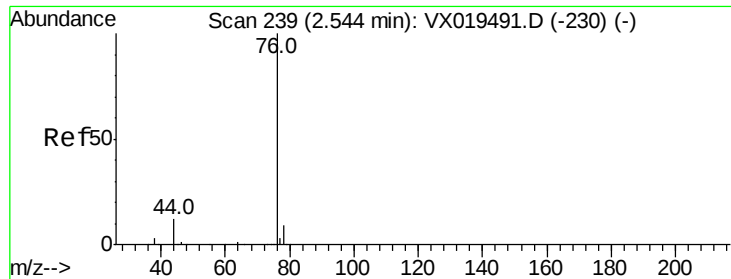
Tgt Ion: 43 Resp: 321675

Ion Ratio Lower Upper

43 100

58 33.4 27.4 41.2

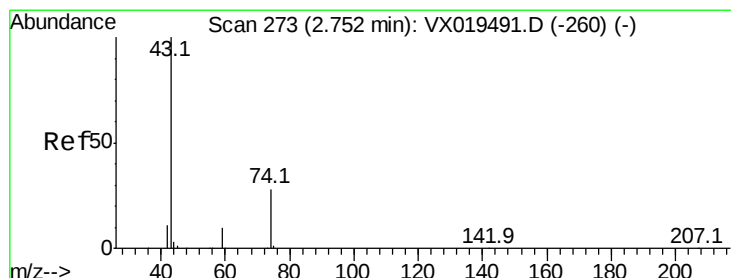
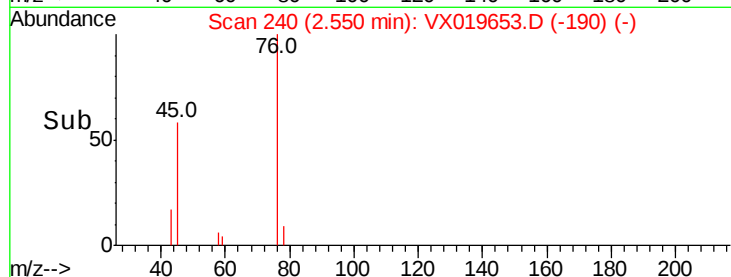
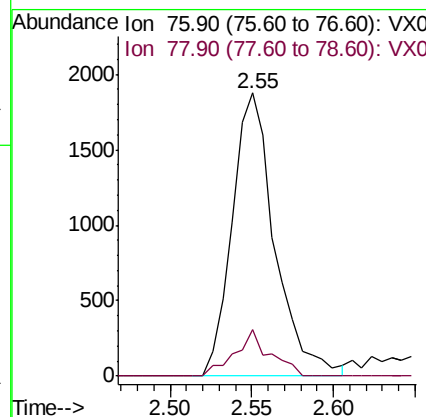
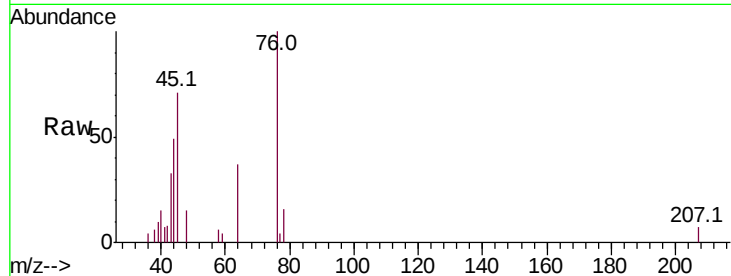




#17
Carbon Disulfide
Concen: 0.410 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

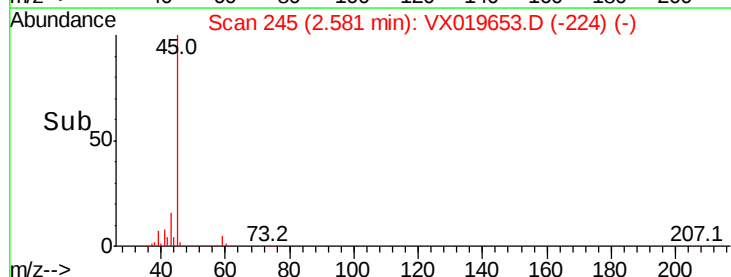
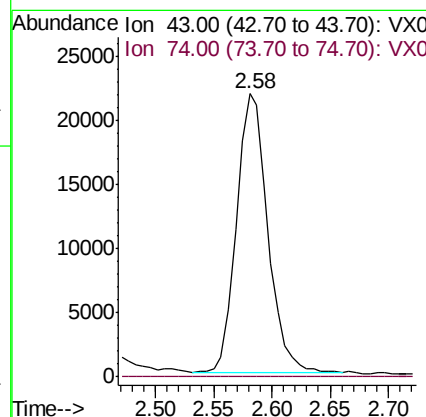
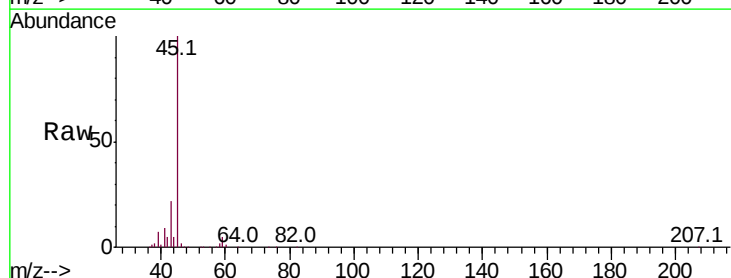
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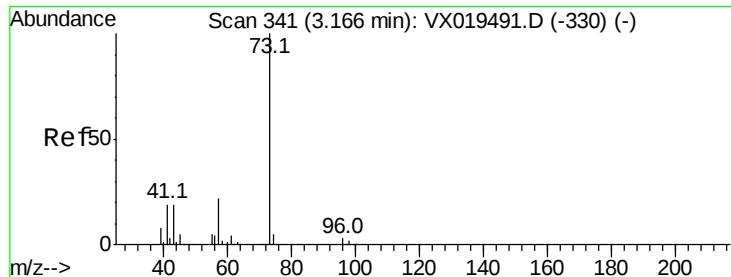
Tot Ion: 76 Resp: 3407
Ion Ratio Lower Upper
76 100
78 16.5 7.2 10.8#



#18
Methyl Acetate
Concen: 11.142 ug/l
RT: 2.58 min Scan# 245
Delta R.T. -0.17 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Tgt Ion: 43 Resp: 40806
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#

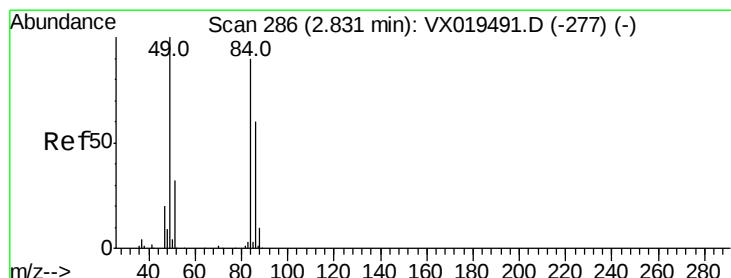
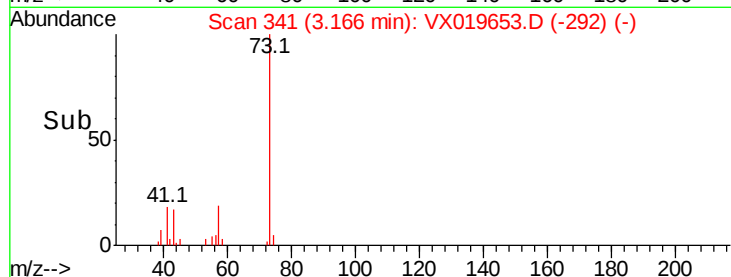
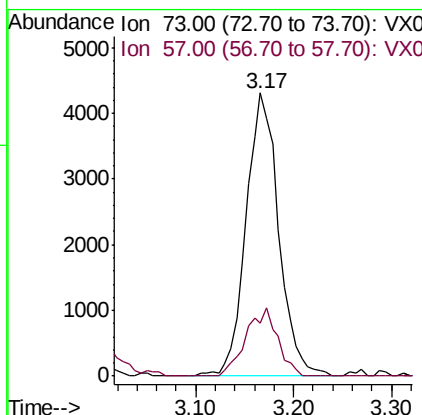
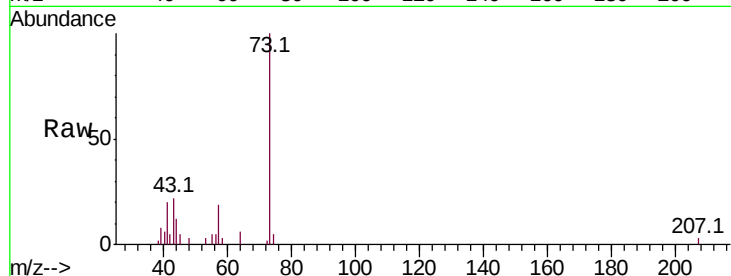




#19
Methvl tert-butvl Ether
Concen: 0.936 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

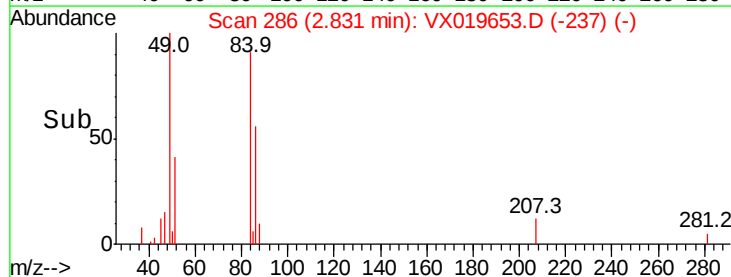
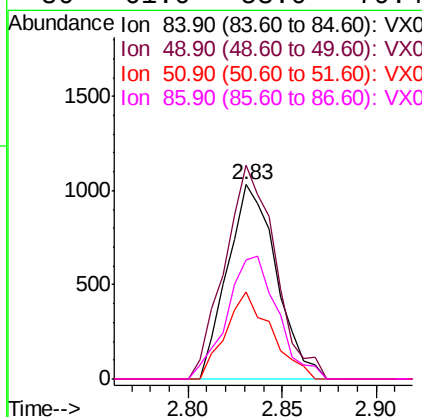
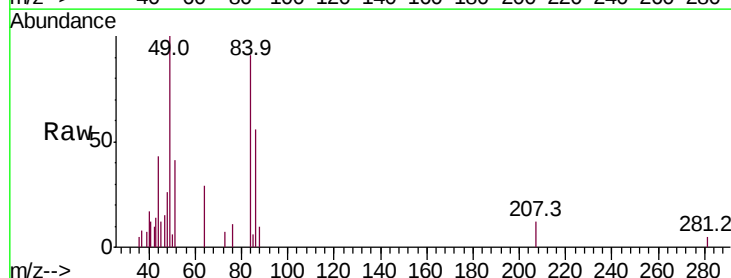
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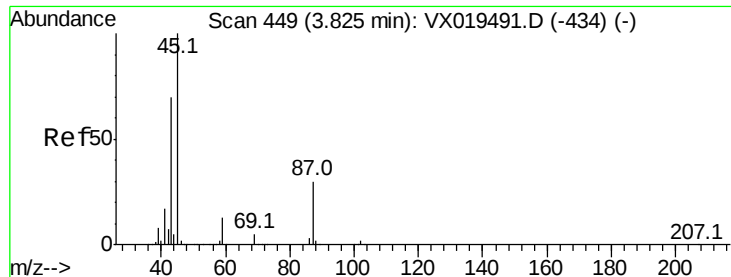
Tot Ion: 73 Resp: 9999
Ion Ratio Lower Upper
73 100
57 18.8 17.3 25.9



#20
Methylene Chloride
Concen: 0.476 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Tgt Ion: 84 Resp: 1859
Ion Ratio Lower Upper
84 100
49 109.9 88.5 132.7
51 44.9 28.0 42.0#
86 61.0 53.0 79.4





#22

Diisopropyl ether

Concen: 0.999 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleID :

40741DL

Tot Ion: 45 Resp: 10027

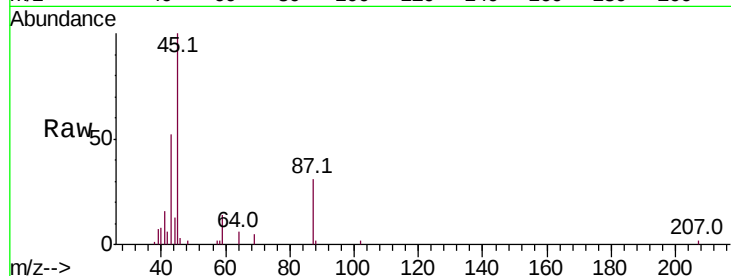
Ion Ratio Lower Upper

45 100

43 51.7 56.1 84.1#

87 31.2 24.2 36.2

59 14.1 10.2 15.2

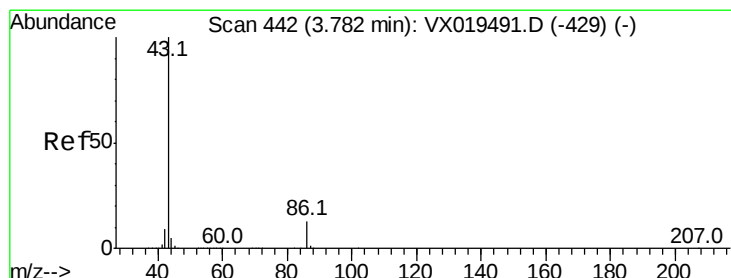
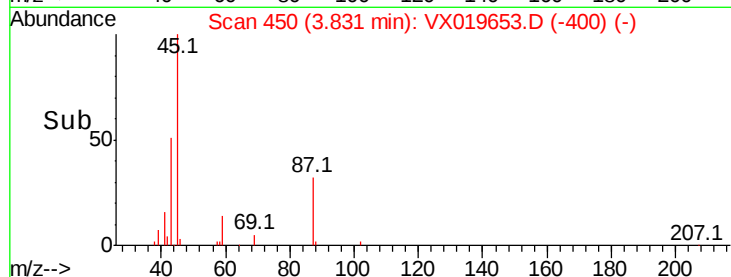
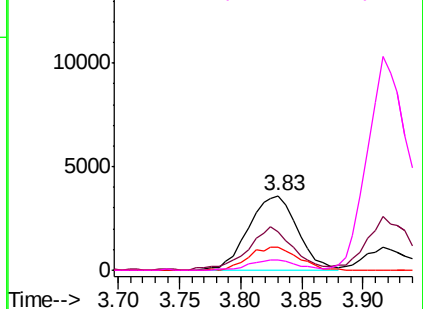


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 0.641 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.04 min

Lab File: VX019653.D

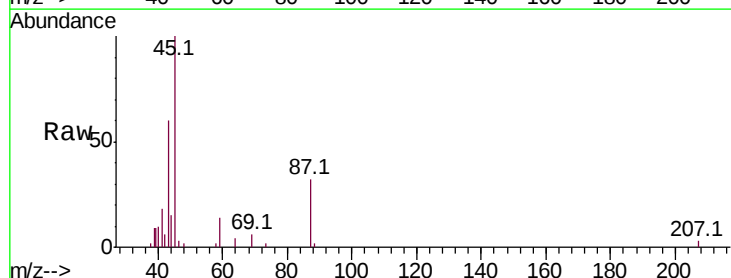
Acq: 25 Nov 2020 13:58

Tgt Ion: 43 Resp: 5398

Ion Ratio Lower Upper

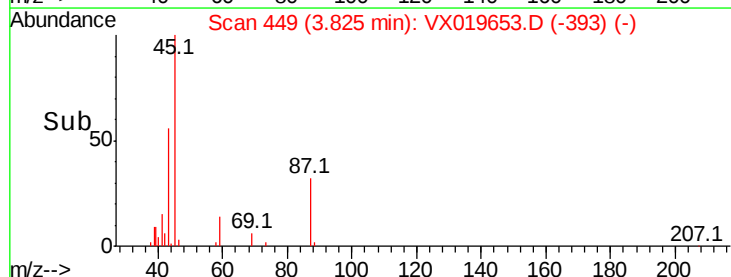
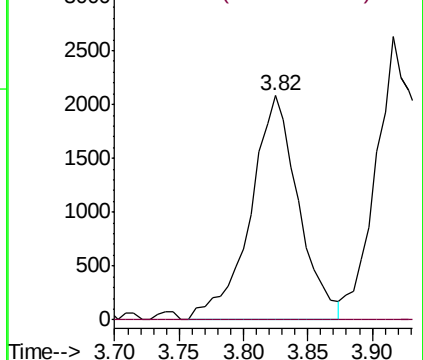
43 100

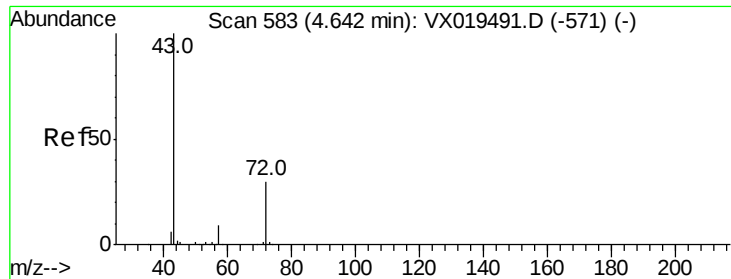
86 0.0 10.2 15.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 32.474 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

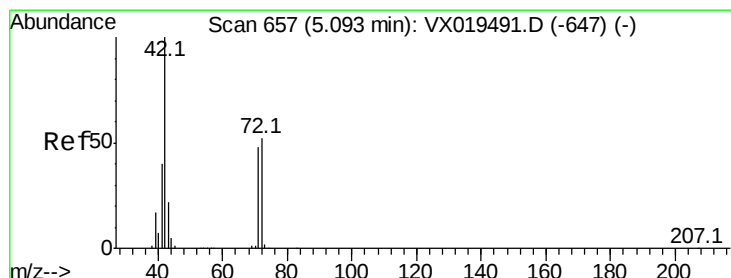
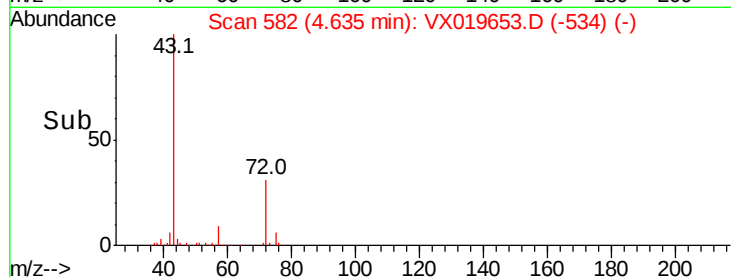
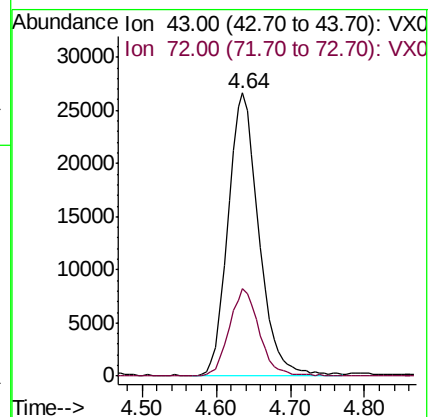
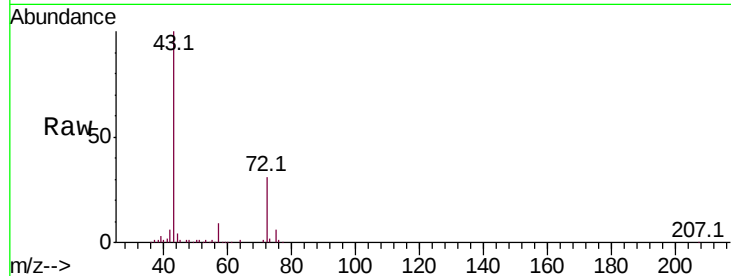
40741DL

Tot Ion: 43 Resp: 76285

Ion Ratio Lower Upper

43 100

72 31.0 24.0 36.0



#29

Tetrahydrofuran

Concen: 0.548 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

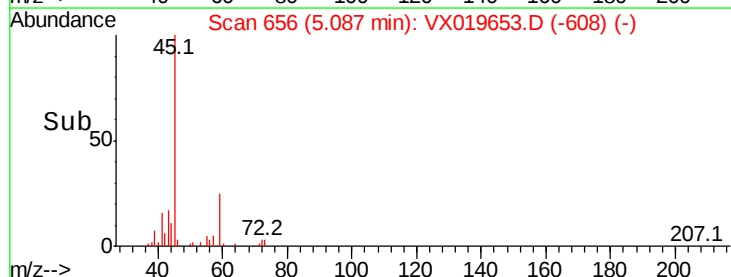
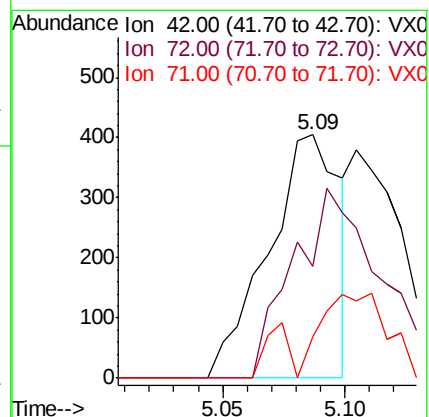
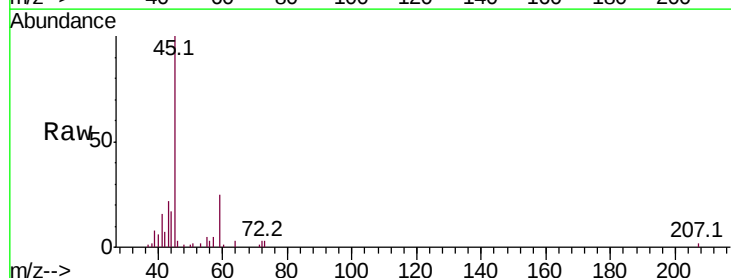
Tgt Ion: 42 Resp: 822

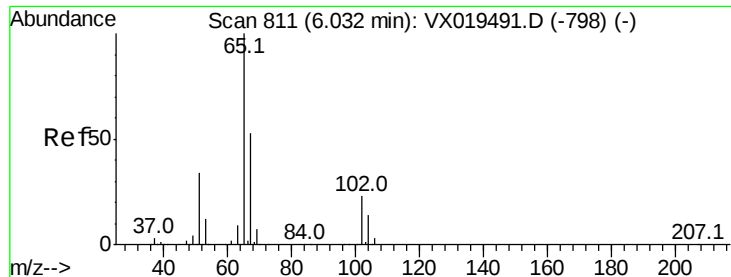
Ion Ratio Lower Upper

42 100

72 105.5 42.6 63.8#

71 7.3 39.0 58.6#





#33

1,2-Dichloroethane-d4

Concen: 48.057 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

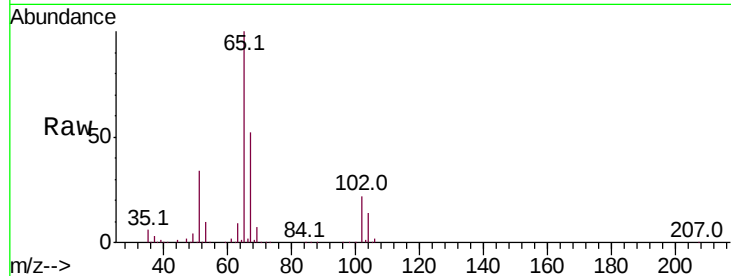
40741DL

Tot Ion: 65 Resp: 194328

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

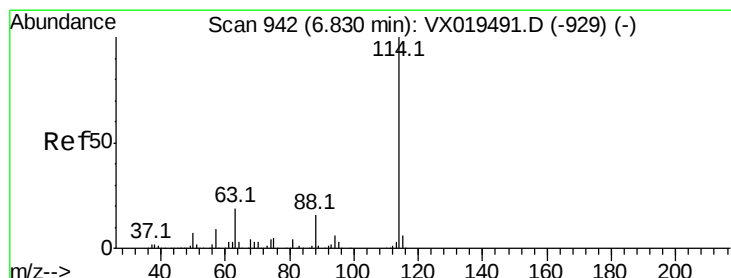
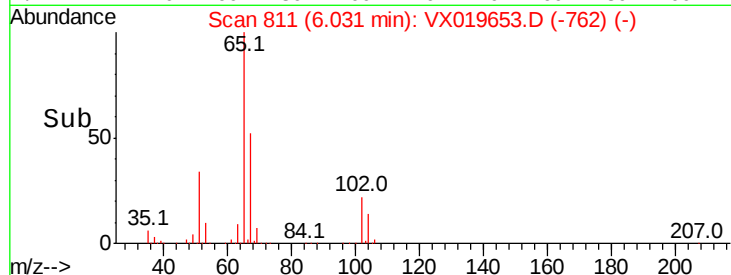
40000

20000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

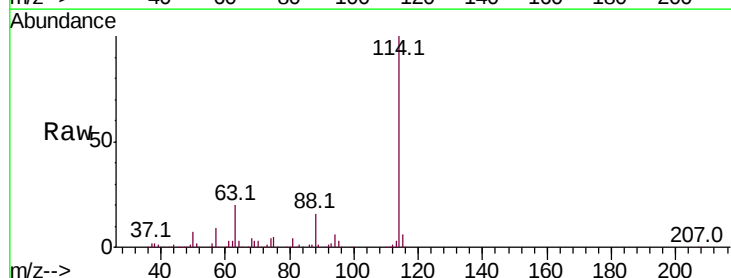
Tgt Ion: 114 Resp: 510585

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

300000

250000

200000

150000

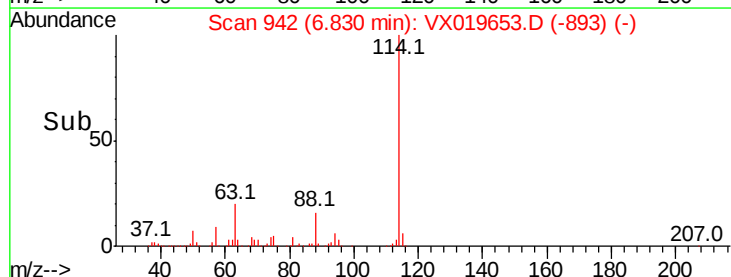
100000

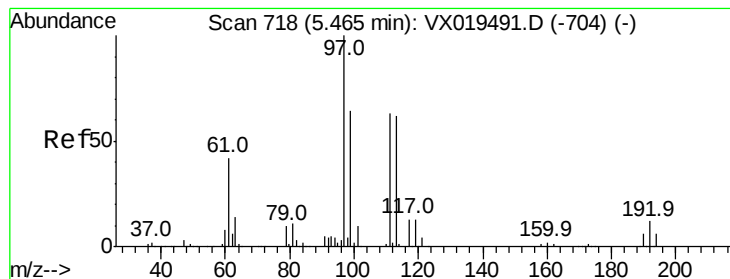
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 47.567 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

40741DL

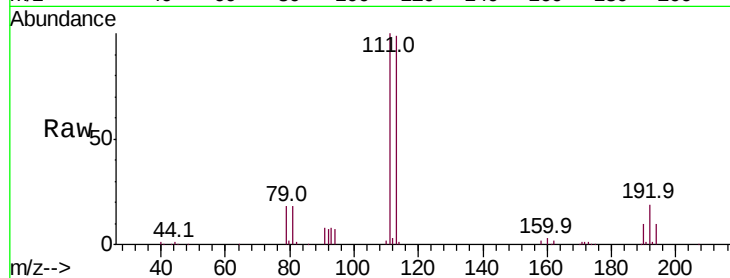
Tot Ion:113 Resp: 152448

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

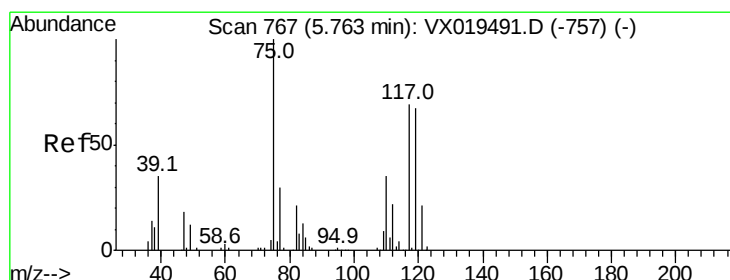
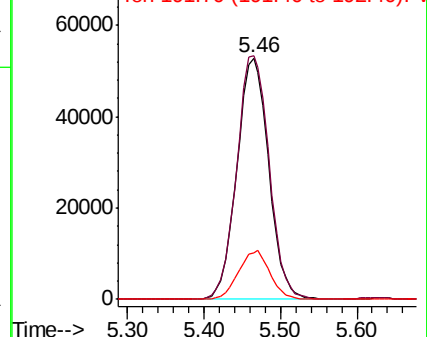
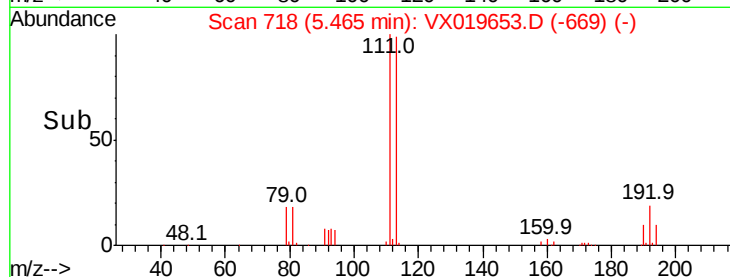
192 20.0 16.2 24.2



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: 4.958 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

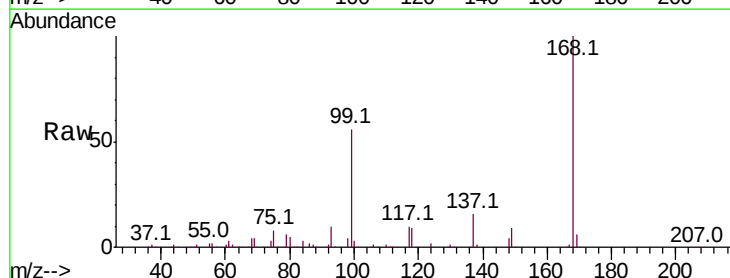
Tgt Ion: 75 Resp: 23732

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.3#

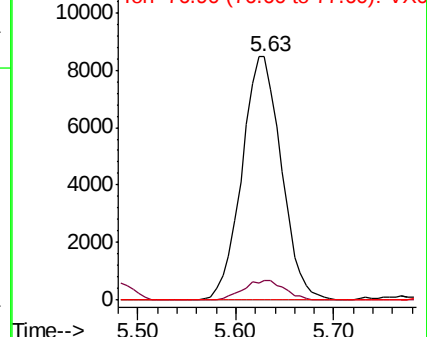
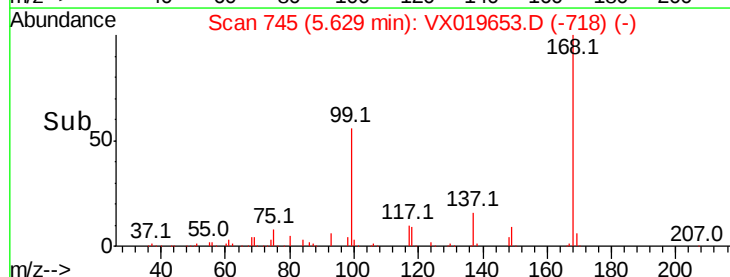
77 0.0 24.2 36.4#

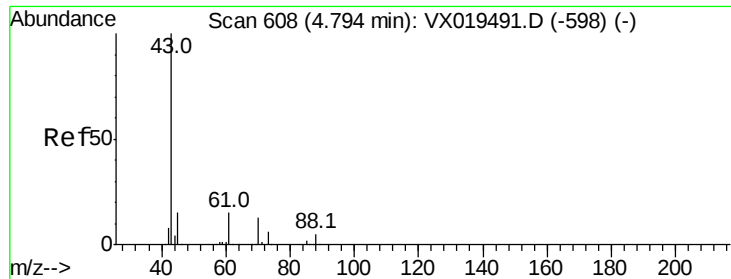


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 16.976 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.16 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

40741DL

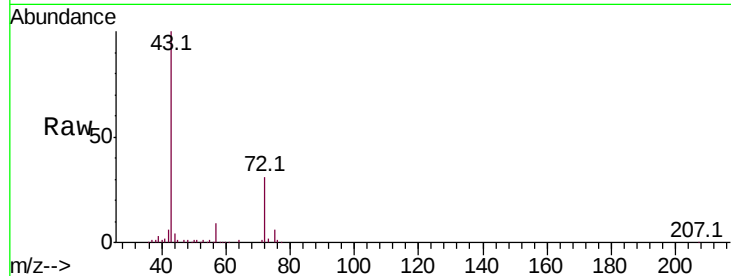
Tot Ion: 43 Resp: 76285

Ion Ratio Lower Upper

43 100

61 0.3 12.7 19.1#

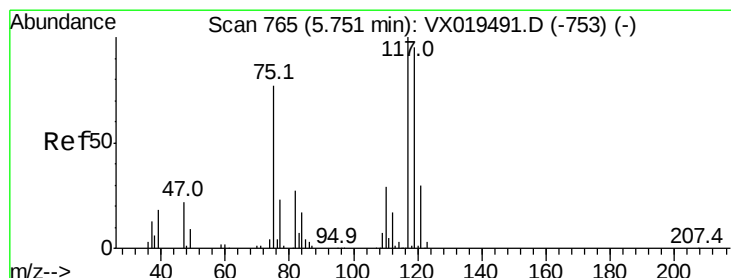
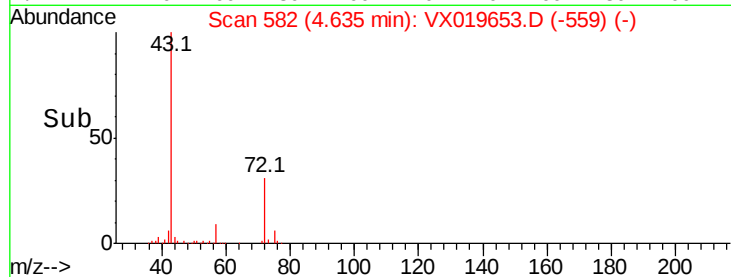
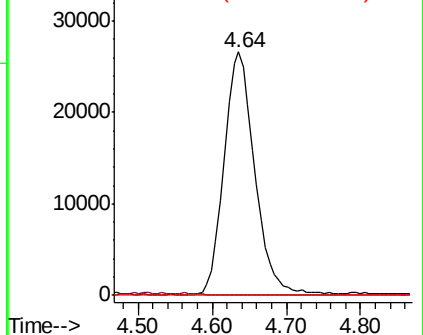
70 0.0 10.2 15.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.560 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

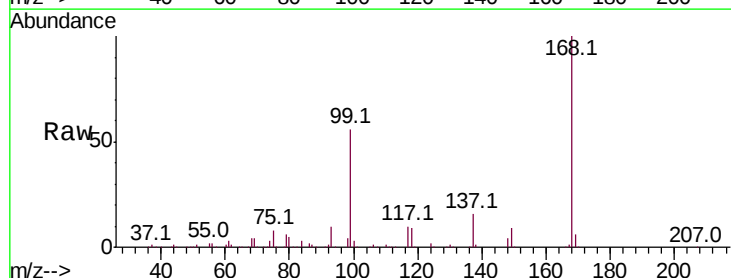
Tgt Ion: 117 Resp: 30393

Ion Ratio Lower Upper

117 100

119 3.9 75.9 113.9#

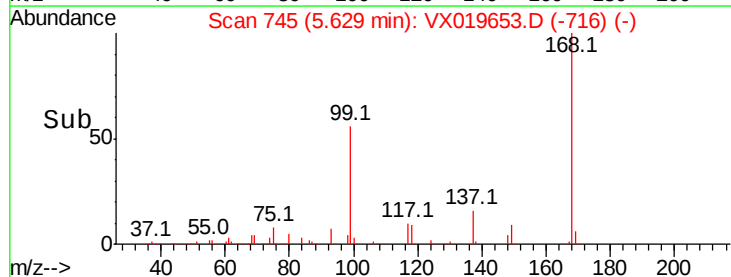
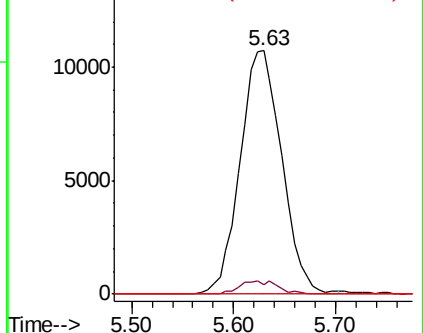
121 0.0 24.0 36.0#

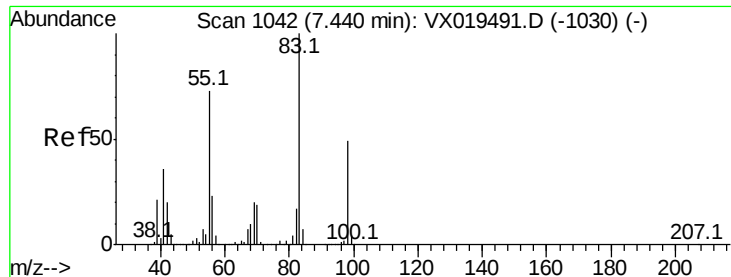


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

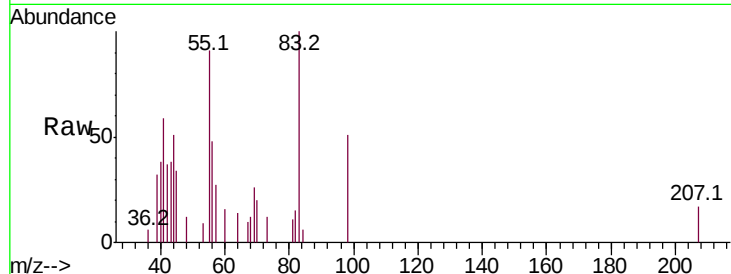




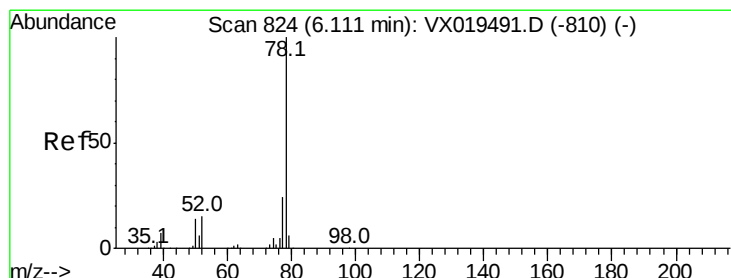
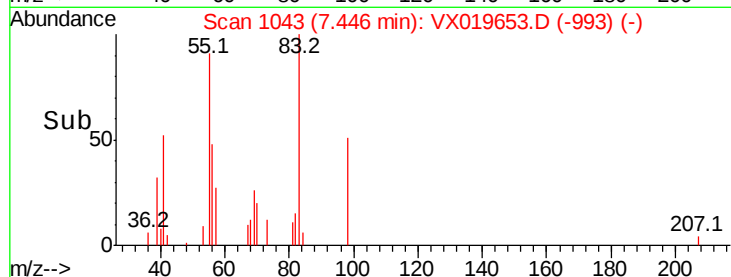
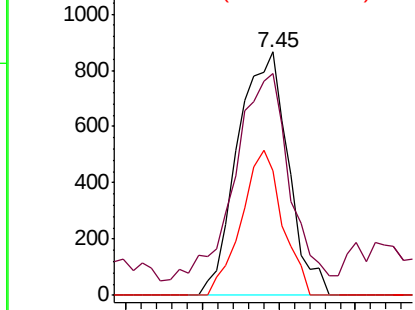
#39
Methvlcvclohexane
Concen: 0.356 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
40741DL

Tot Ion: 83 Resp: 1983
Ion Ratio Lower Upper
83 100
55 83.5 58.3 87.5
98 51.4 38.9 58.3

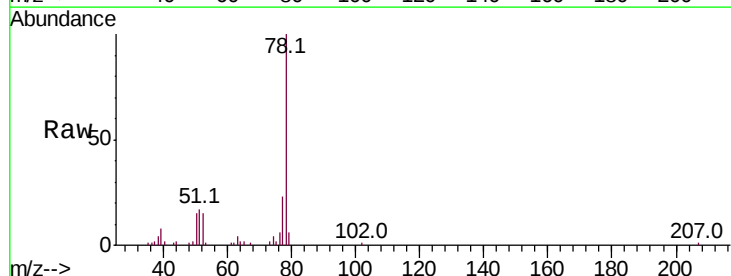


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

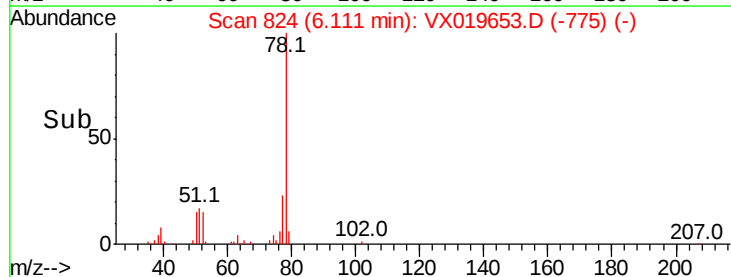
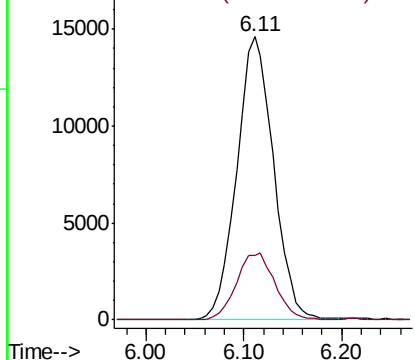


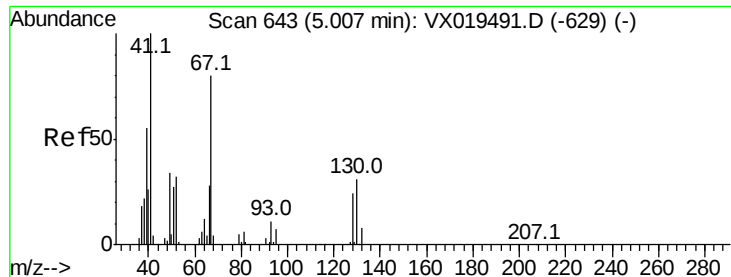
#40
Benzene
Concen: 2.585 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Tgt Ion: 78 Resp: 38014
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3



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

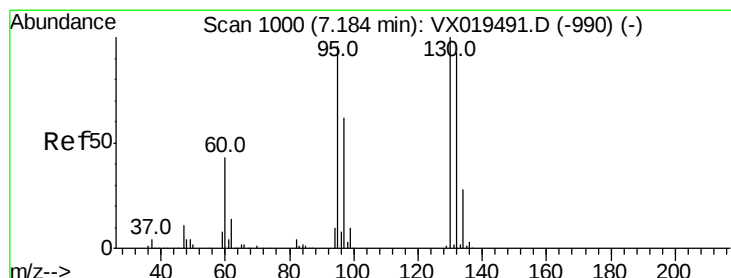
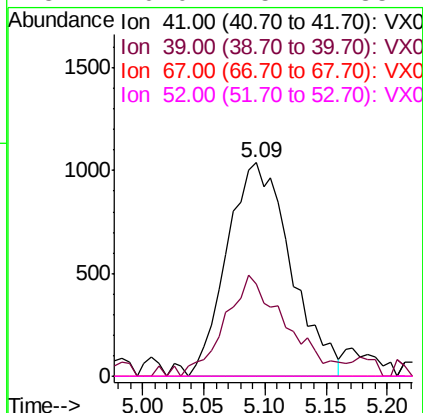
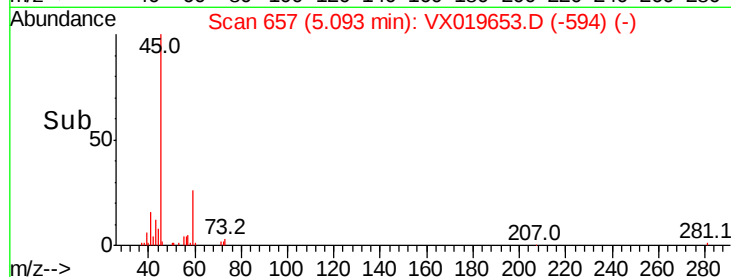
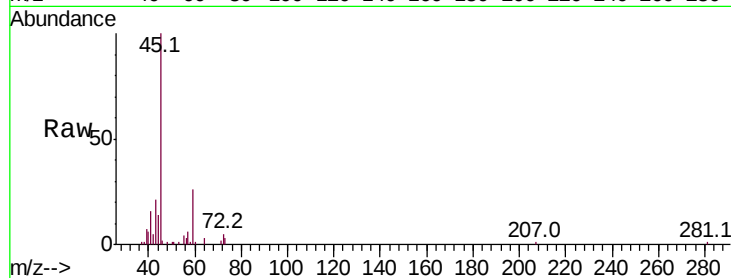




#41
Methacrylonitrile
Concen: 1.519 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.09 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

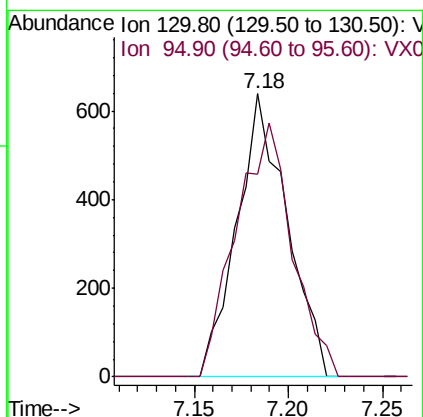
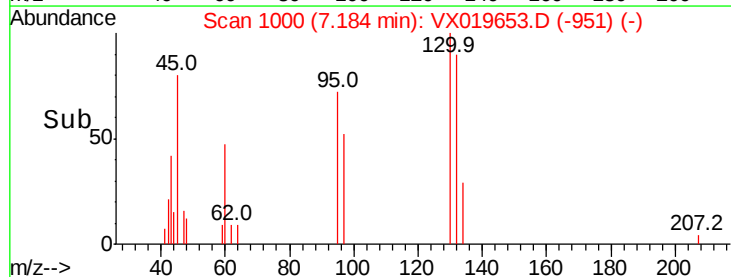
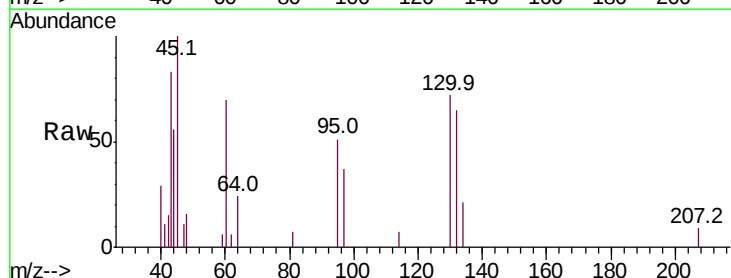
Instrument :
MSVOA_X
ClientSampleID :
40741DL

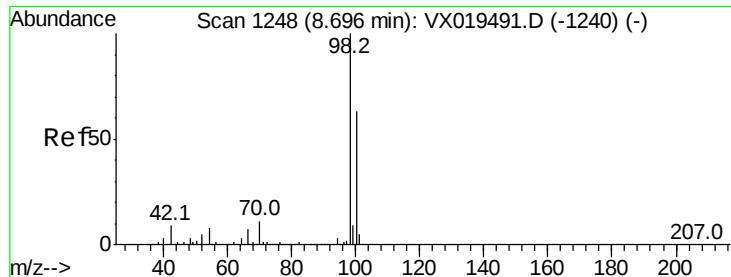
Tot Ion: 41 Resp: 3764
Ion Ratio Lower Upper
41 100
39 46.3 43.3 64.9
67 0.0 66.0 99.0#
52 0.0 25.4 38.2#



#44
Trichloroethene
Concen: 0.305 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Tgt Ion:130 Resp: 1176
Ion Ratio Lower Upper
130 100
95 71.6 0.0 191.2

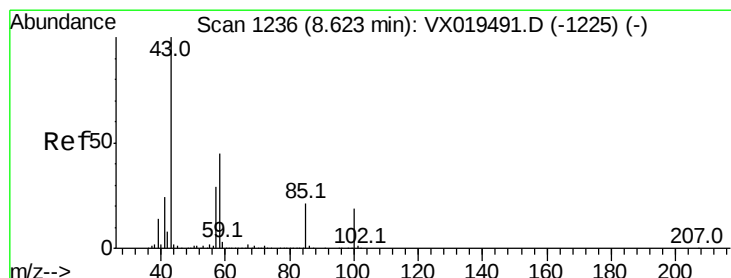
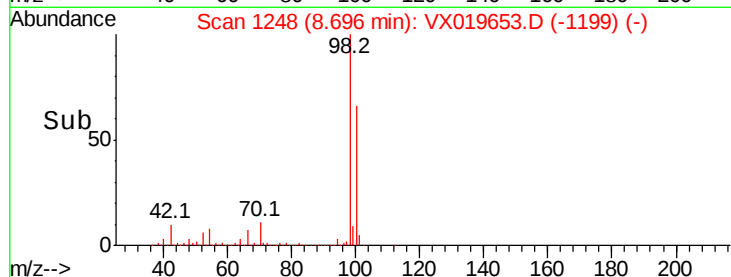
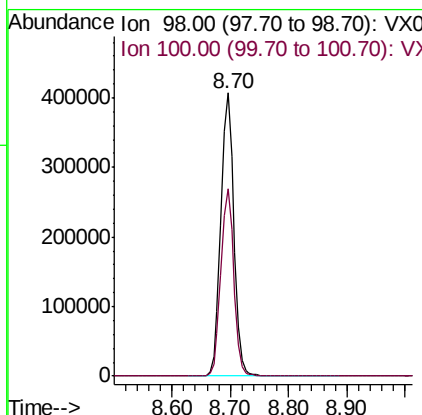
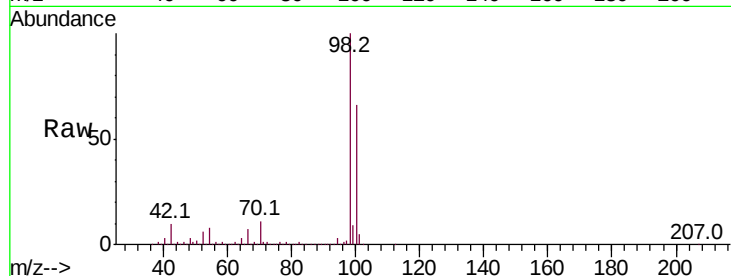




#50
Toluene-d8
Concen: 50.373 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

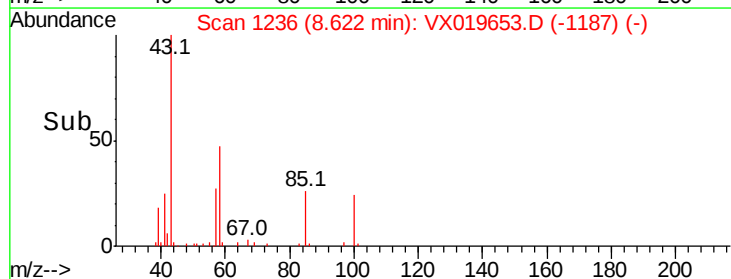
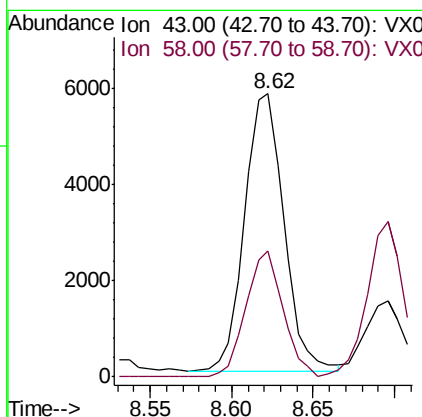
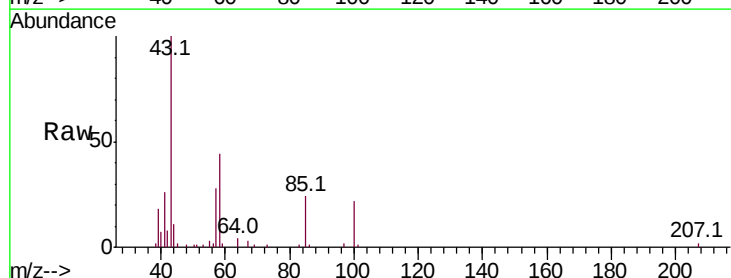
Instrument :
MSVOA_X
ClientSampleId :
40741DL

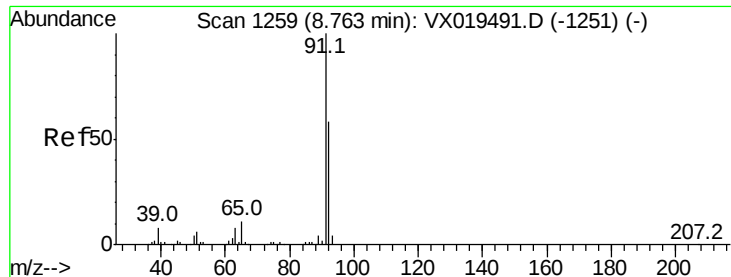
Tot Ion: 98 Resp: 627343
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 2.224 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Tgt Ion: 43 Resp: 9798
Ion Ratio Lower Upper
43 100
58 42.3 35.1 52.7





#52

Toluene

Concen: 5.898 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

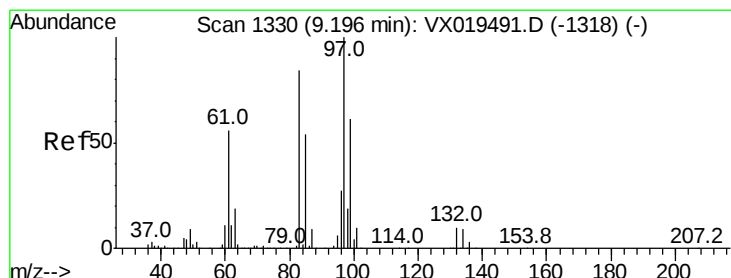
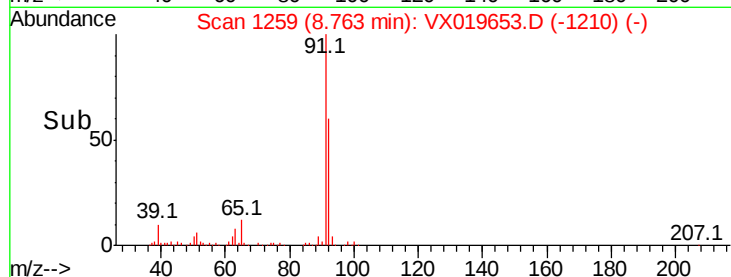
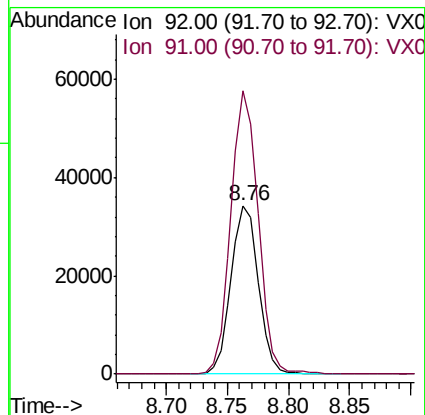
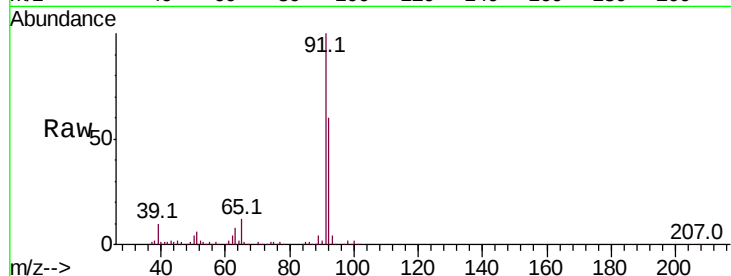
40741DL

Tot Ion: 92 Resp: 53061

Ion Ratio Lower Upper

92 100

91 167.8 138.1 207.1



#55

1,1,2-Trichloroethane

Concen: 0.246 ug/l

RT: 9.15 min Scan# 1322

Delta R.T. -0.05 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Tgt Ion: 97 Resp: 902

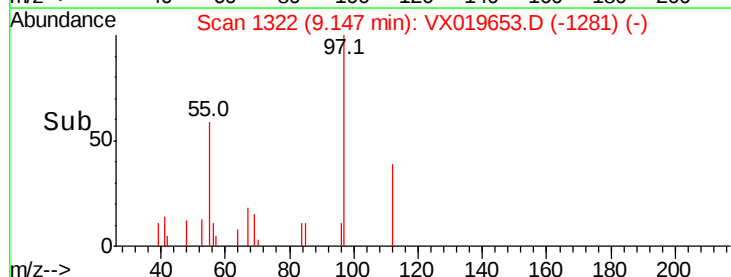
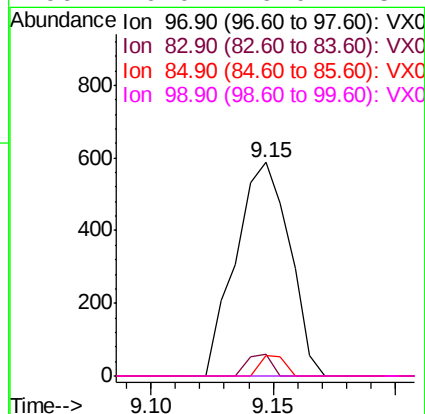
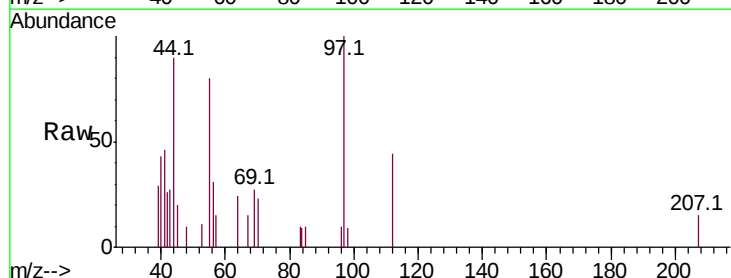
Ion Ratio Lower Upper

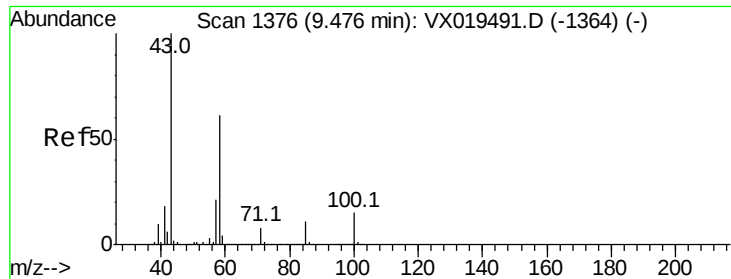
97 100

83 10.0 67.0 100.6#

85 9.5 43.4 65.0#

99 0.0 49.0 73.4#

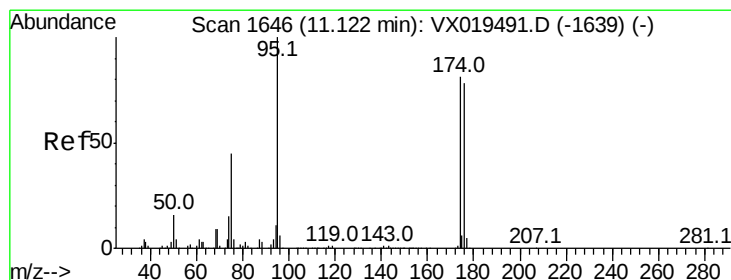
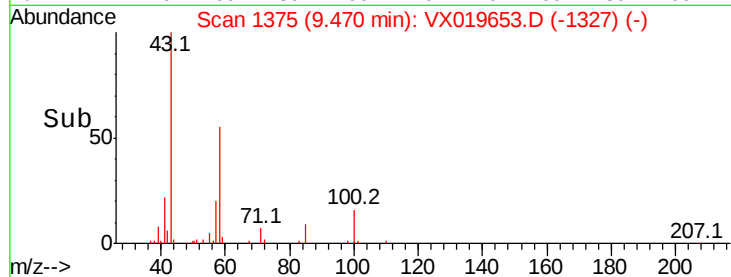
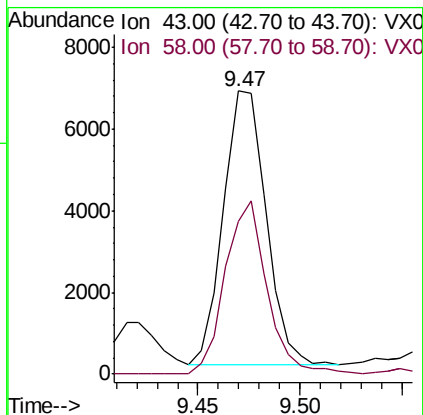
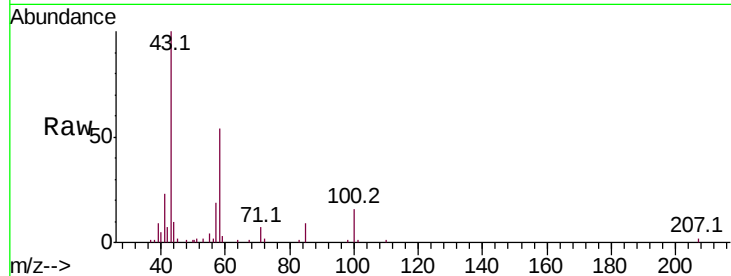




#59
2-Hexanone
Concen: 2.936 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

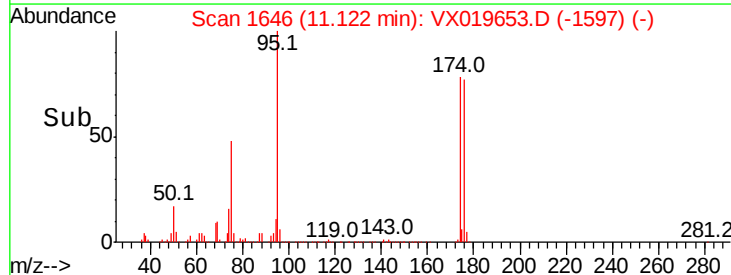
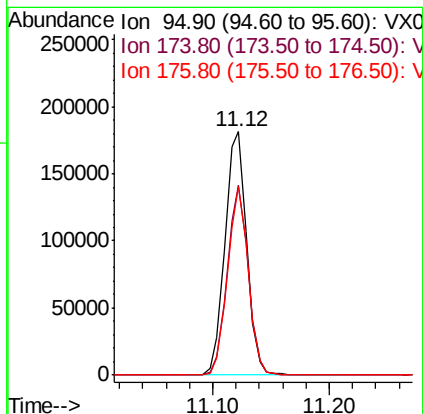
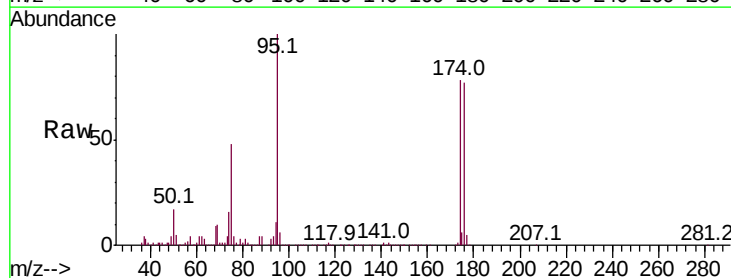
Instrument :
MSVOA_X
ClientSampleId :
40741DL

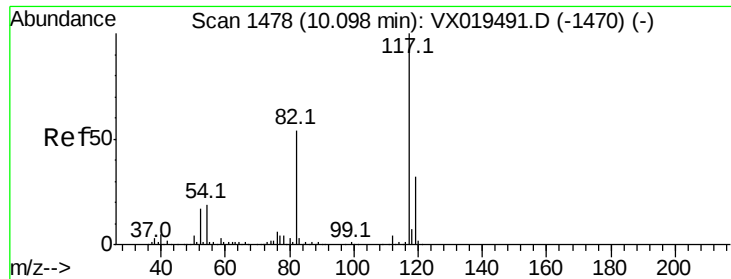
Tot Ion: 43 Resp: 9808
Ion Ratio Lower Upper
43 100
58 61.4 30.6 91.6



#62
4-Bromofluorobenzene
Concen: 52.222 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Tgt Ion: 95 Resp: 233995
Ion Ratio Lower Upper
95 100
174 75.3 0.0 156.2
176 73.8 0.0 151.4

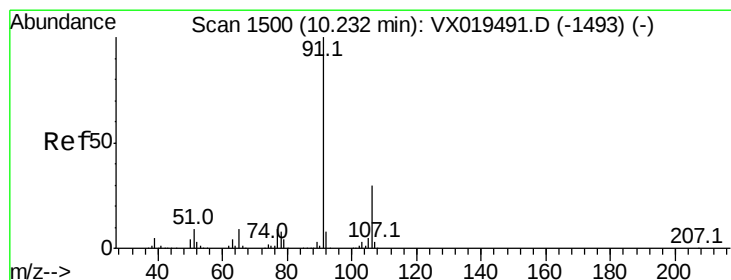
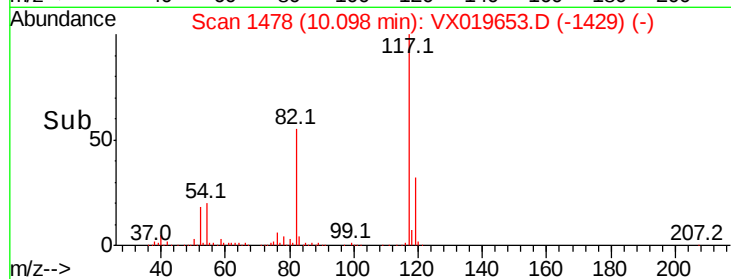
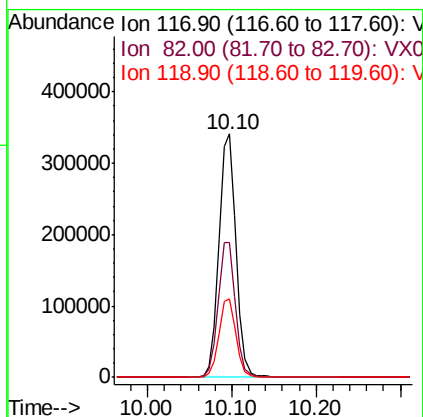
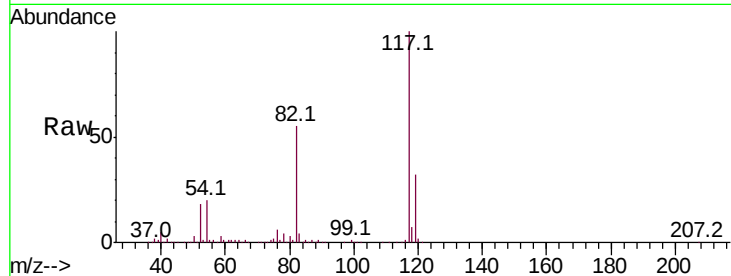




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

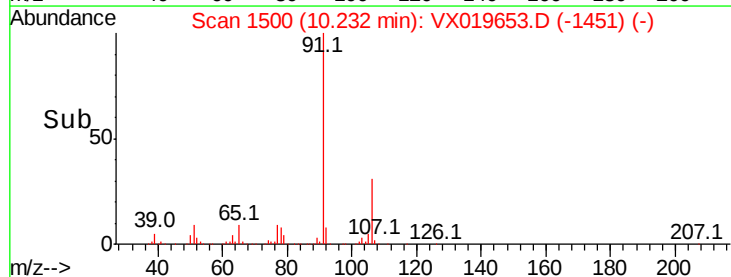
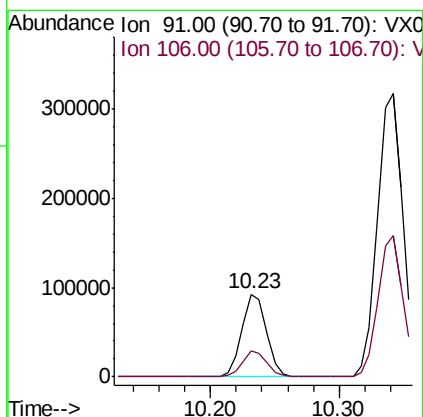
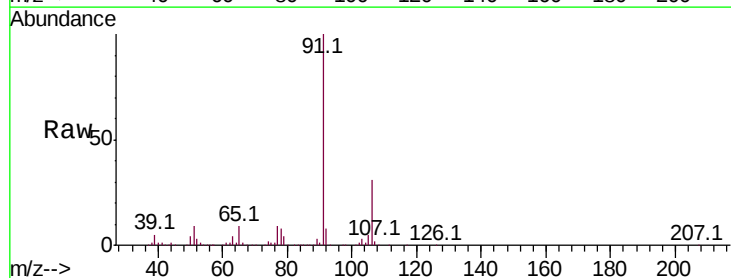
Instrument :
MSVOA_X
ClientSampled :
40741DL

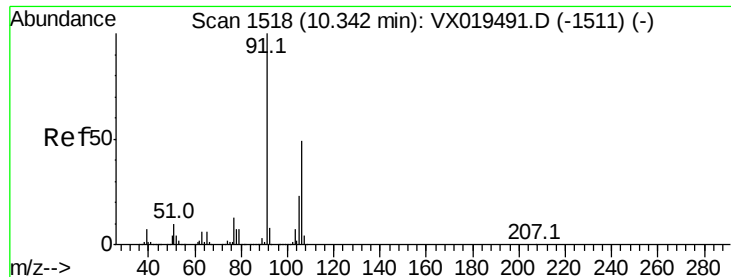
Tot Ion:117 Resp: 477282
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.4 25.6 38.4



#67
Ethyl Benzene
Concen: 7.165 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Tgt Ion: 91 Resp: 123175
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0

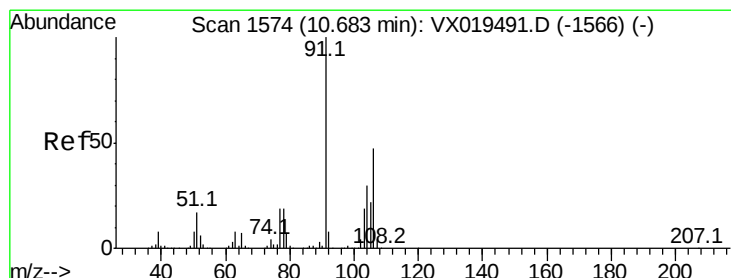
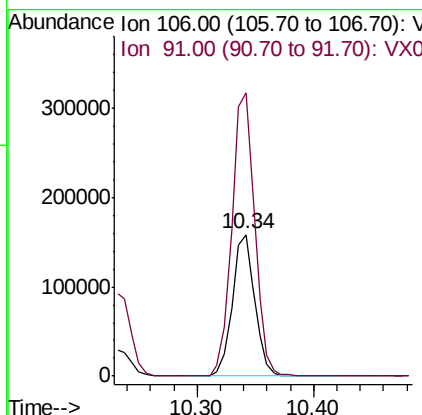
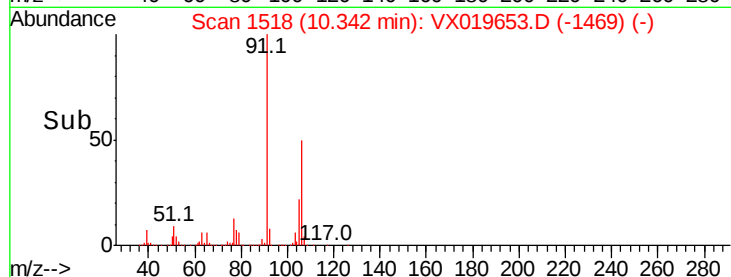
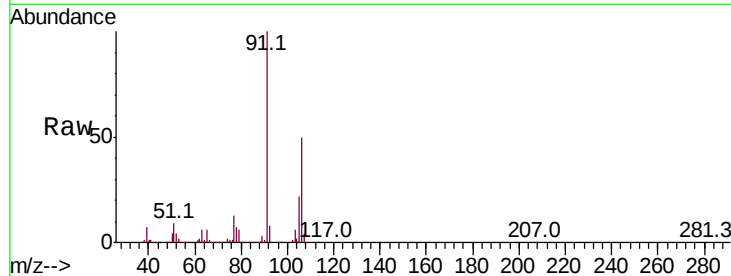




#68
m/p-Xylenes
Concen: 33.079 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

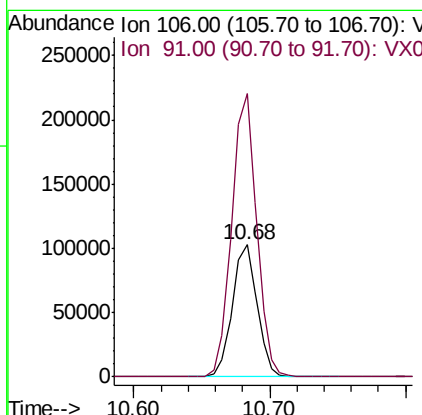
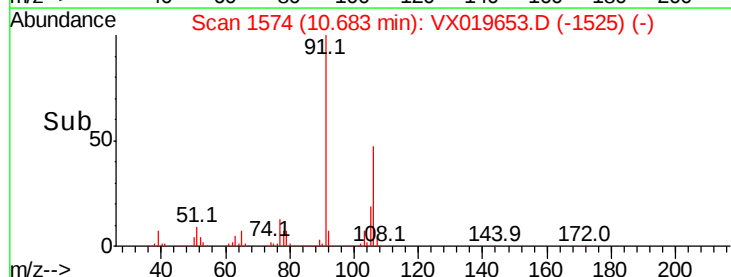
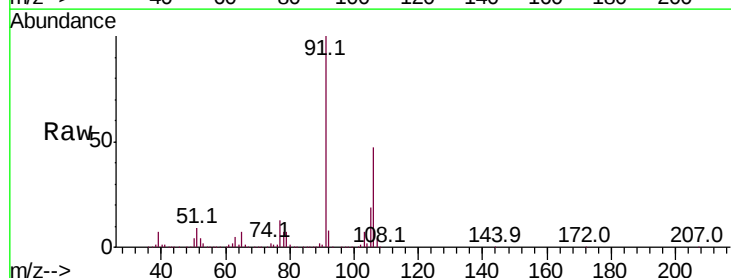
Instrument :
MSVOA_X
ClientSampleId :
40741DL

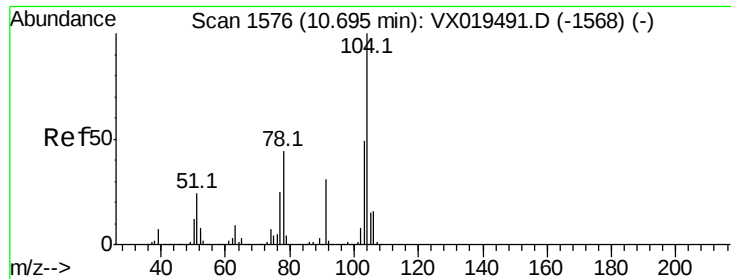
Tot Ion:106 Resp: 211858
Ion Ratio Lower Upper
106 100
91 205.1 163.3 244.9



#69
o-Xylene
Concen: 21.287 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Tgt Ion:106 Resp: 130326
Ion Ratio Lower Upper
106 100
91 215.5 108.0 324.0

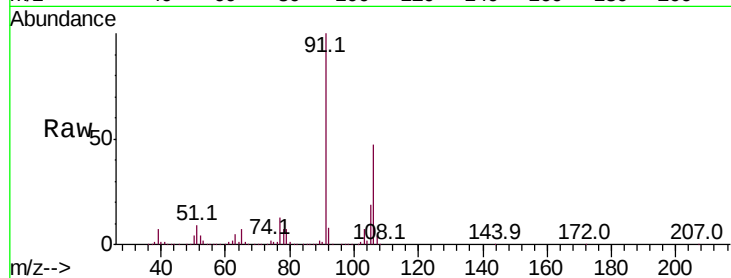




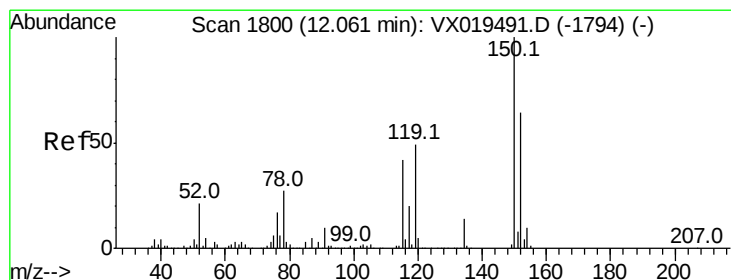
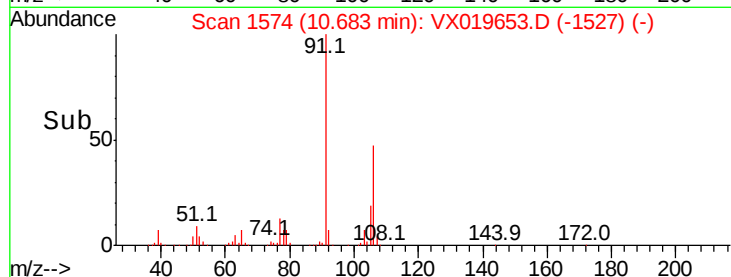
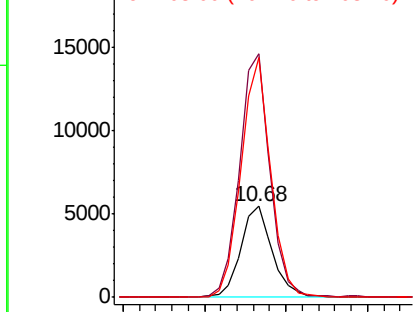
#70
Stvrene
Concen: 2.270 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
40741DL

Tot Ion:104 Resp: 7319
Ion Ratio Lower Upper
104 100
78 260.1 39.5 59.3#
103 247.3 43.6 65.4#

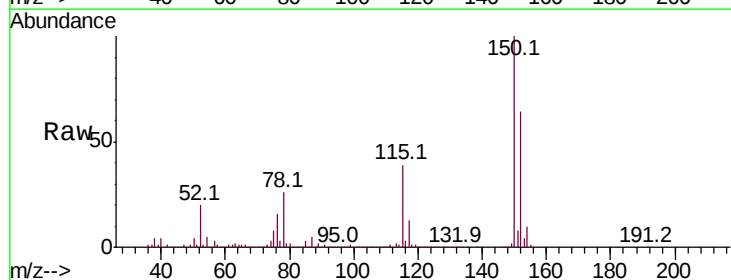


Abundance Ion 104.00 (103.70 to 104.70): V
20000 Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

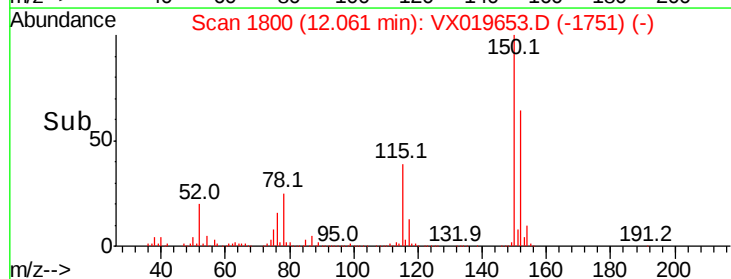
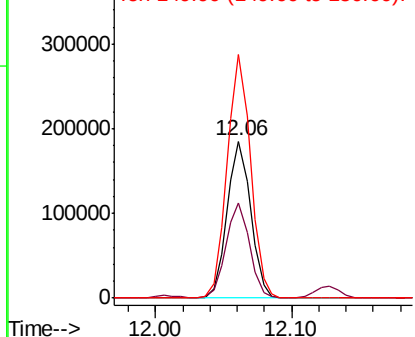


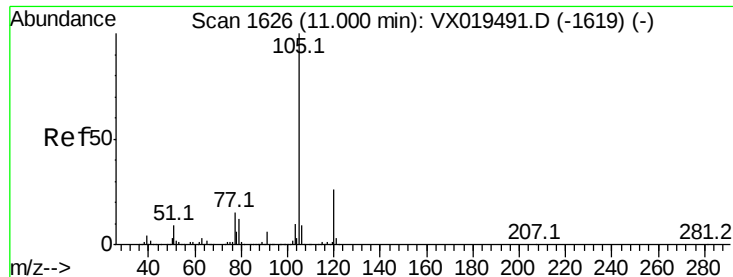
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Tgt Ion:152 Resp: 222155
Ion Ratio Lower Upper
152 100
115 60.7 41.8 125.4
150 155.1 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
400000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.548 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

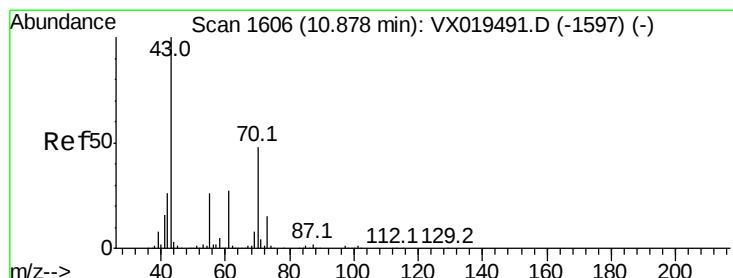
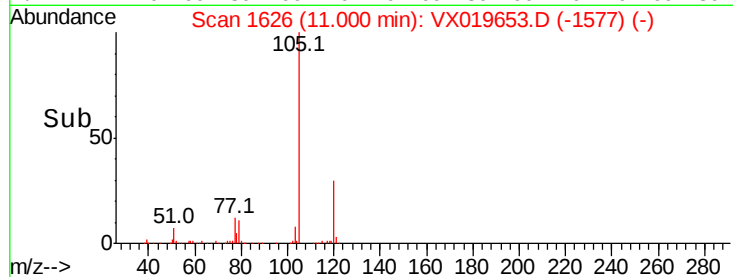
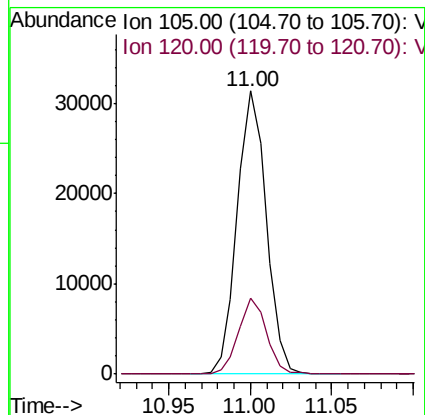
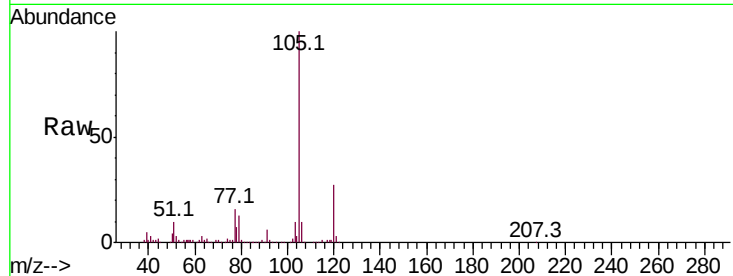
40741DL

Tot Ion:105 Resp: 39160

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 0.604 ug/l

RT: 10.91 min Scan# 1612

Delta R.T. 0.04 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Tgt Ion: 43 Resp: 3479

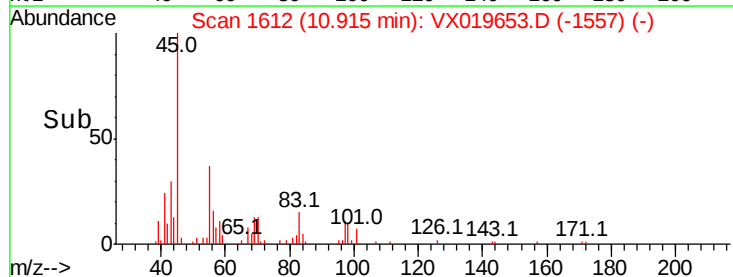
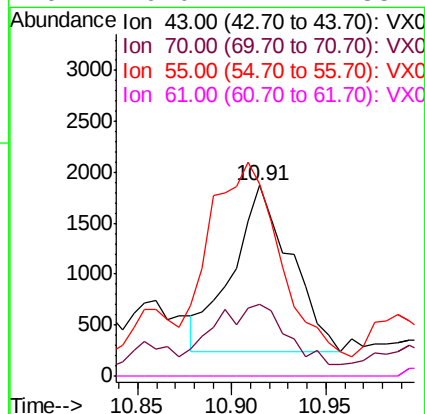
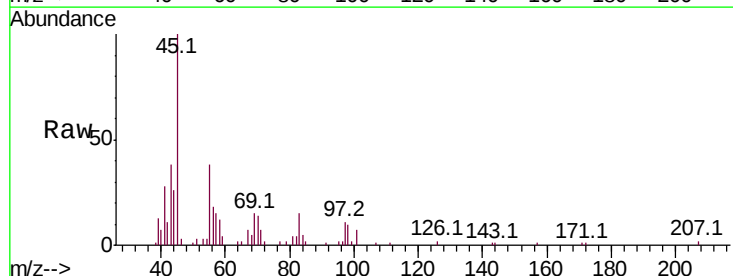
Ion Ratio Lower Upper

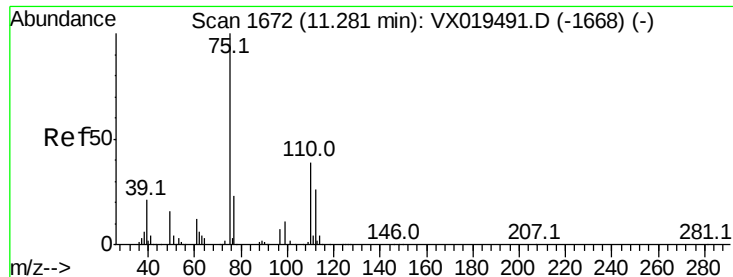
43 100

70 47.9 39.7 59.5

55 141.3 21.8 32.6#

61 0.0 22.2 33.4#





#76

1,2,3-Trichloropropane

Concen: 1.506 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.13 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

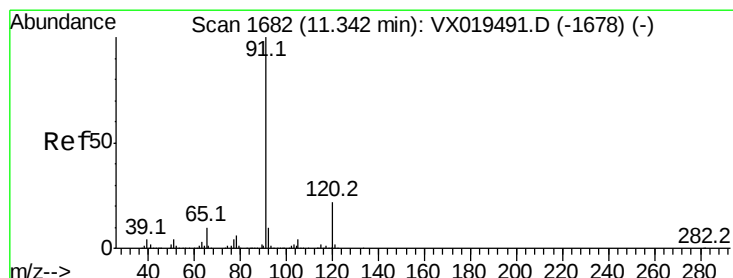
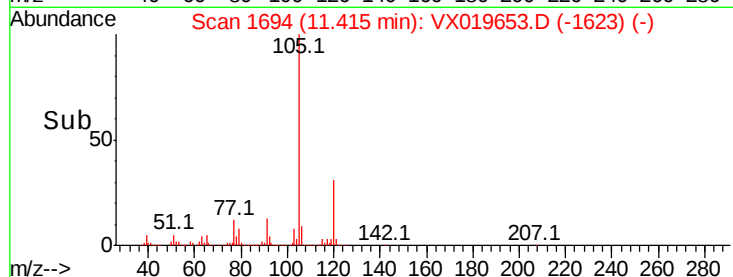
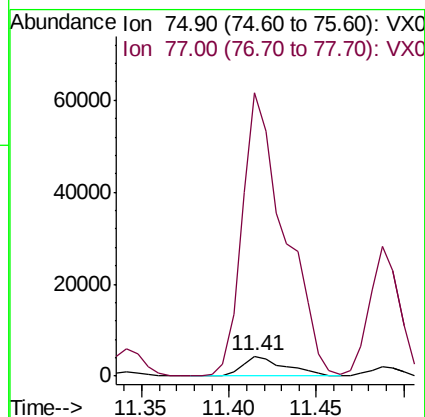
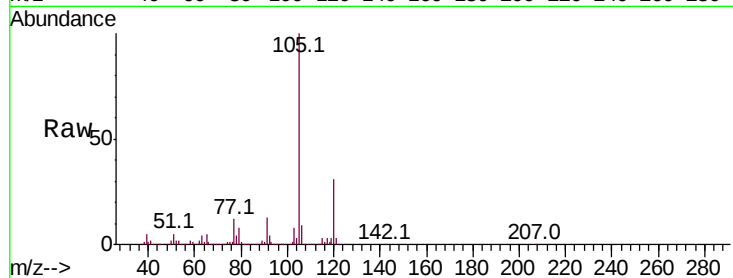
40741DL

Tot Ion: 75 Resp: 7299

Ion Ratio Lower Upper

75 100

77 1422.4 20.0 60.0#



#78

n-propylbenzene

Concen: 10.362 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019653.D

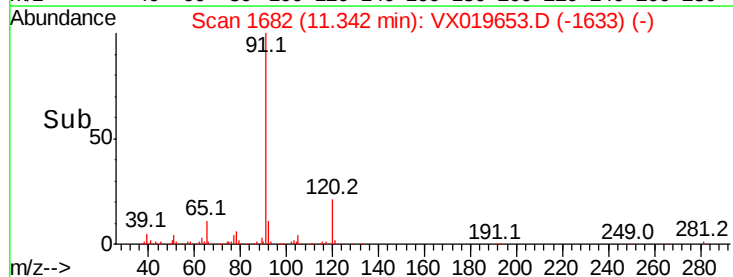
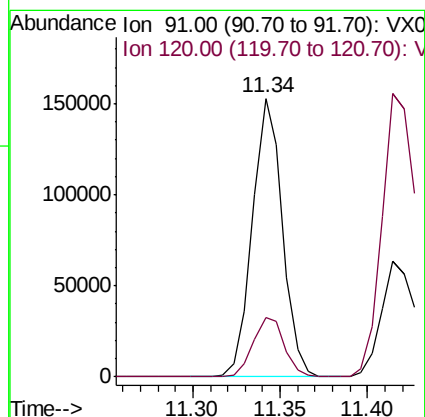
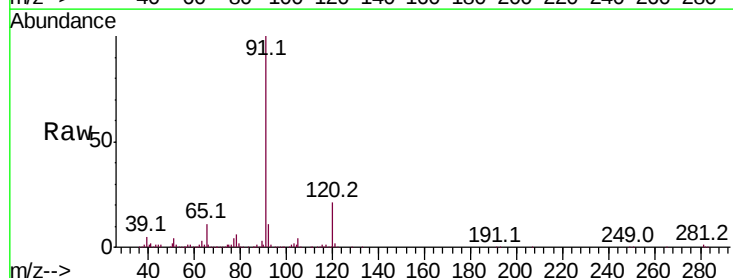
Acq: 25 Nov 2020 13:58

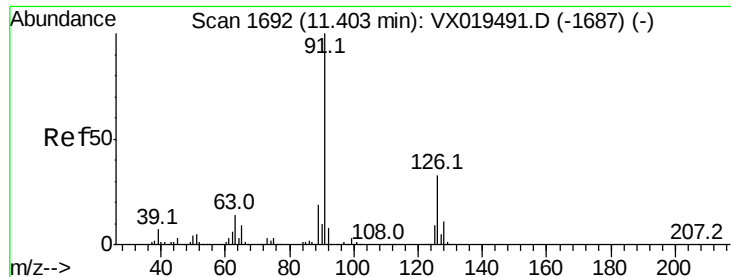
Tgt Ion: 91 Resp: 182679

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 9.918 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

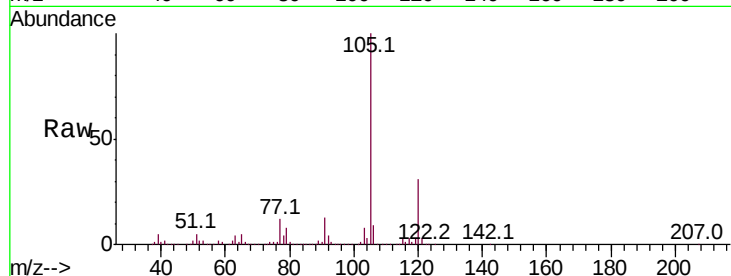
40741DL

Tot Ion: 91 Resp: 106041

Ion Ratio Lower Upper

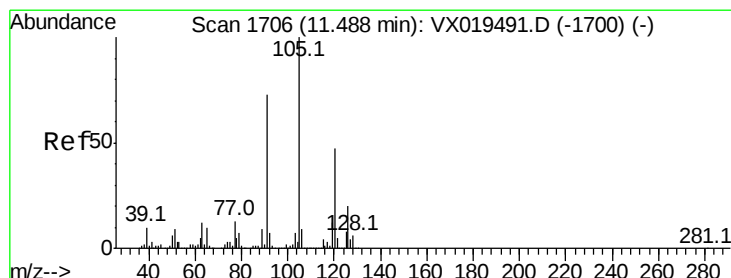
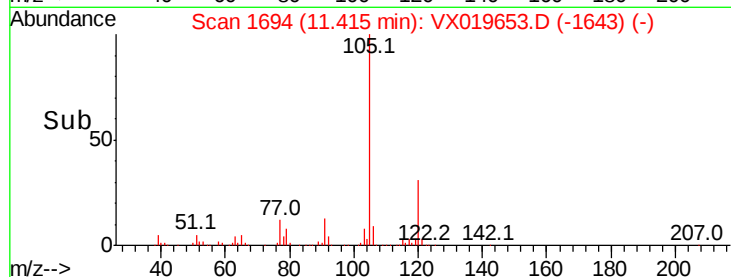
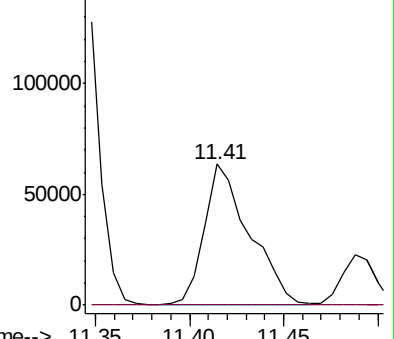
91 100

126 0.1 16.7 50.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.425 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019653.D

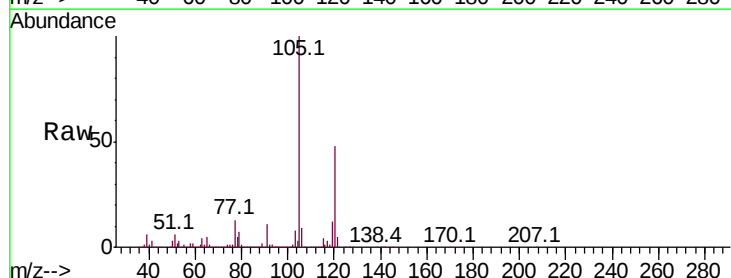
Acq: 25 Nov 2020 13:58

Tgt Ion:105 Resp: 263318

Ion Ratio Lower Upper

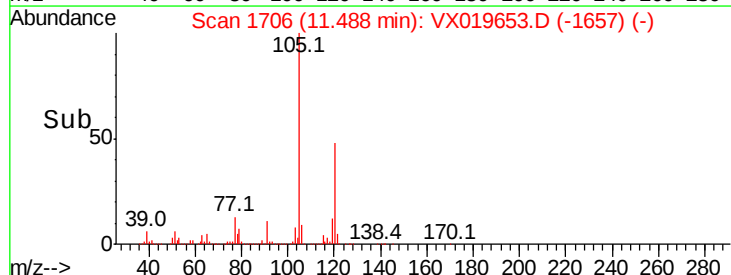
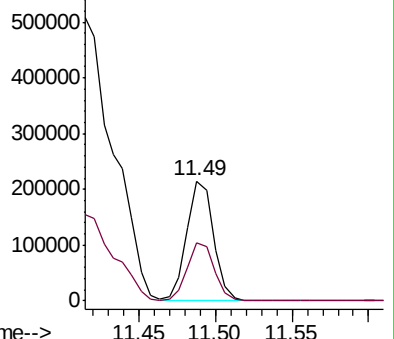
105 100

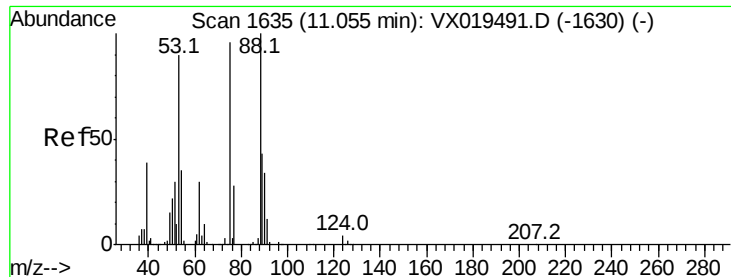
120 48.5 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 62.675 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

40741DL

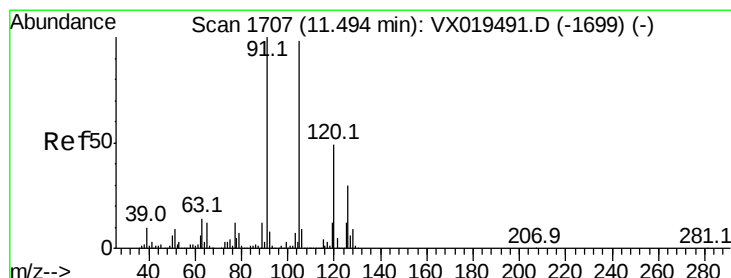
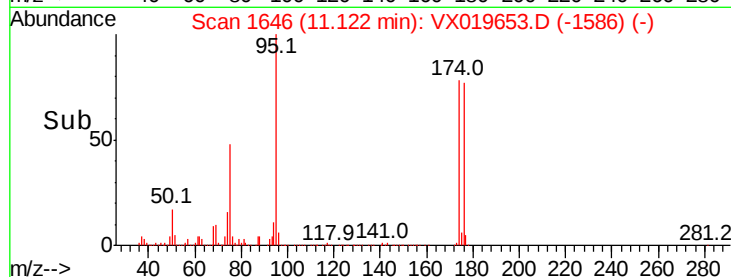
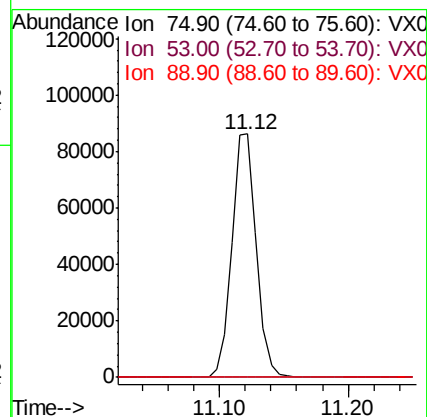
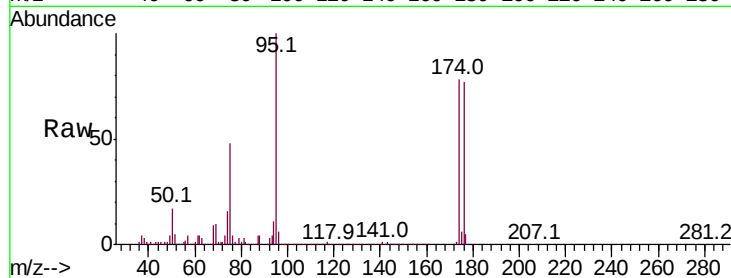
Tot Ion: 75 Resp: 114606

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

89 0.0 37.3 55.9#



#82

4-Chlorotoluene

Concen: 2.219 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX019653.D

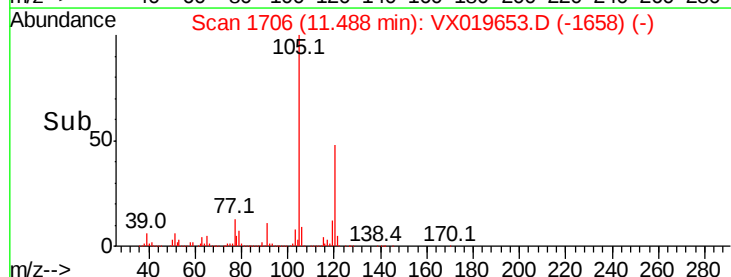
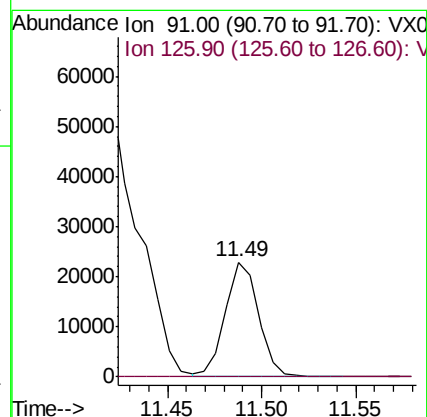
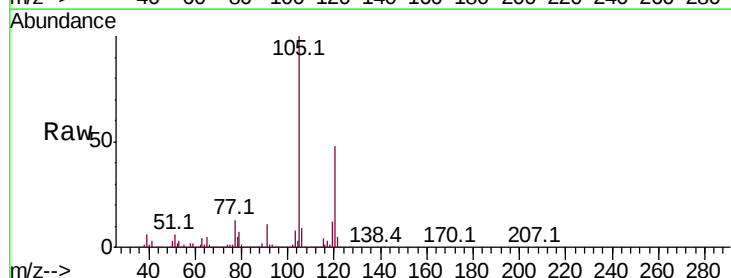
Acq: 25 Nov 2020 13:58

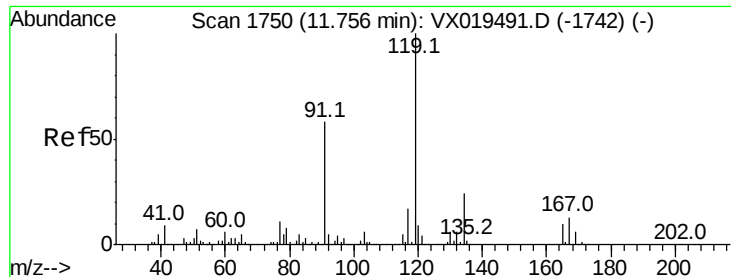
Tgt Ion: 91 Resp: 27936

Ion Ratio Lower Upper

91 100

126 0.9 14.9 44.7#

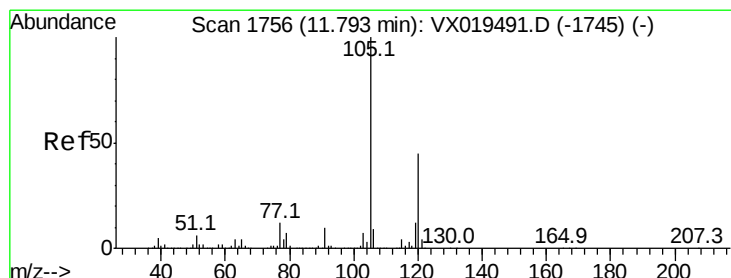
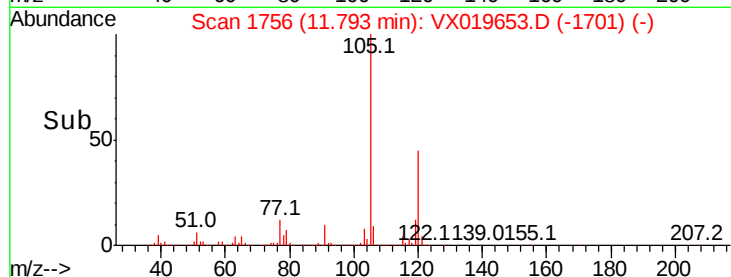
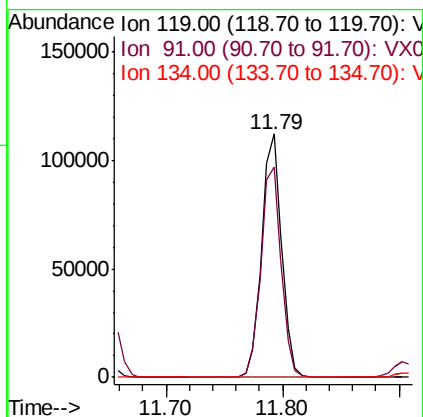
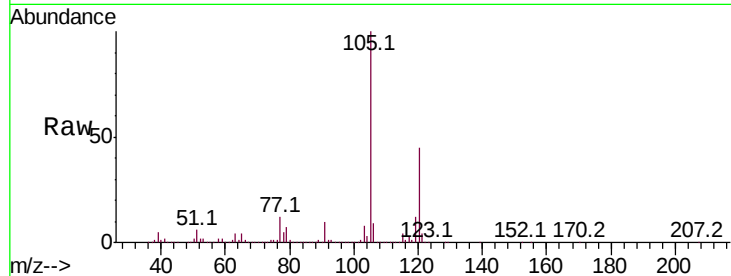




#83
 tert-Butylbenzene
 Concen: 10.825 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.04 min
 Lab File: VX019653.D
 Acq: 25 Nov 2020 13:58

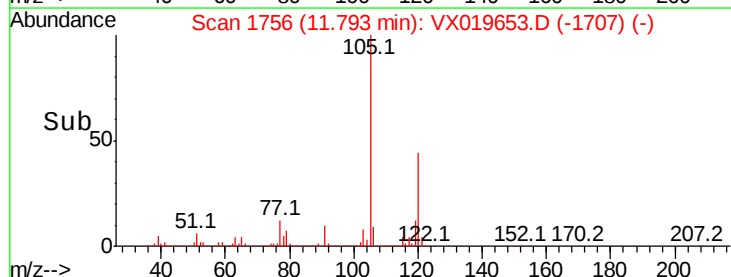
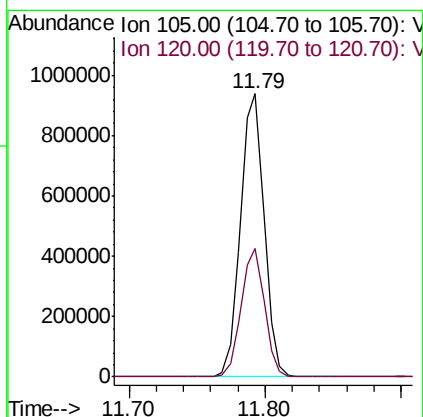
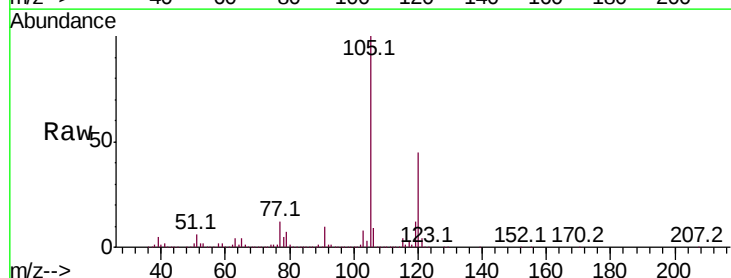
Instrument :
 MSVOA_X
 ClientSampleID :
 40741DL

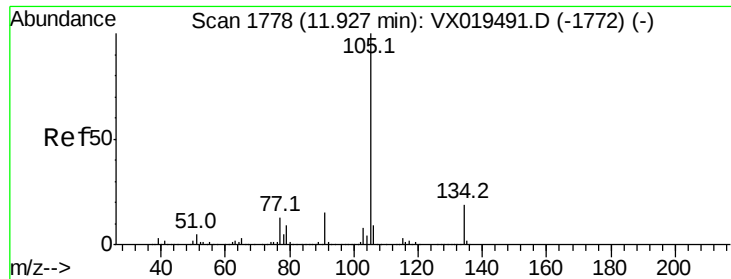
Tot Ion:119 Resp: 135016
 Ion Ratio Lower Upper
 119 100
 91 87.6 28.9 86.8#
 134 0.0 11.7 35.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 86.978 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019653.D
 Acq: 25 Nov 2020 13:58

Tgt Ion:105 Resp: 1134562
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.2 66.6

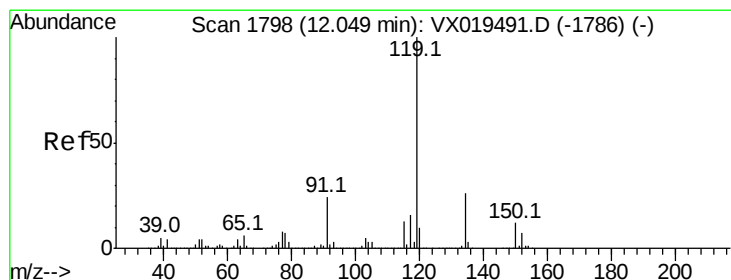
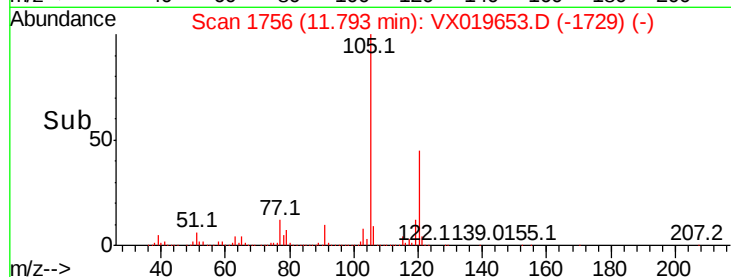
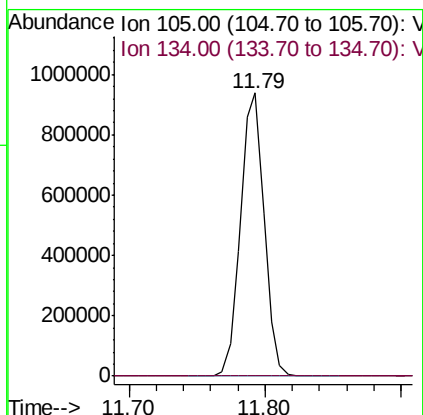
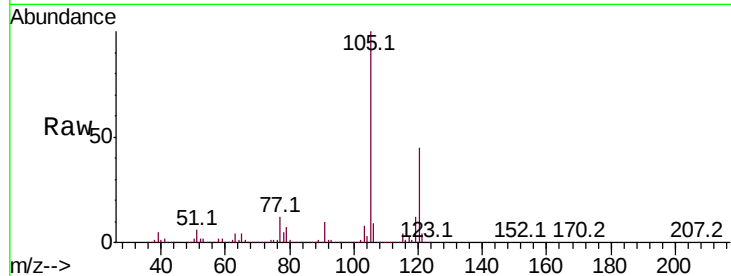




#85
 sec-Butylbenzene
 Concen: 76.463 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.13 min
 Lab File: VX019653.D
 Acq: 25 Nov 2020 13:58

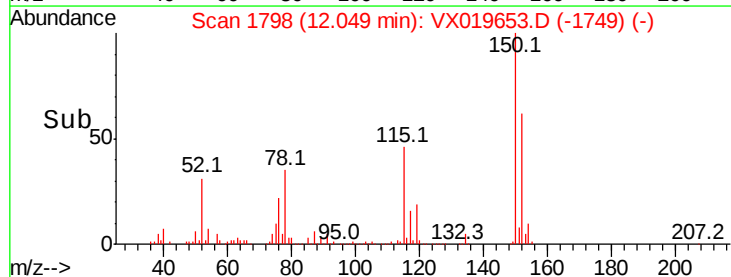
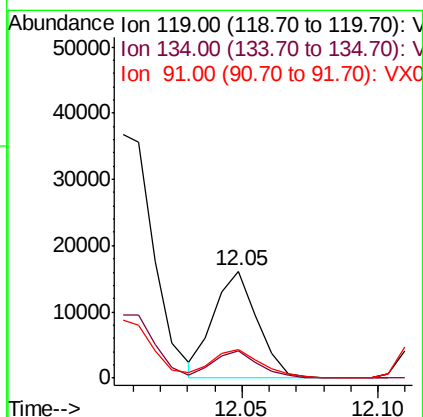
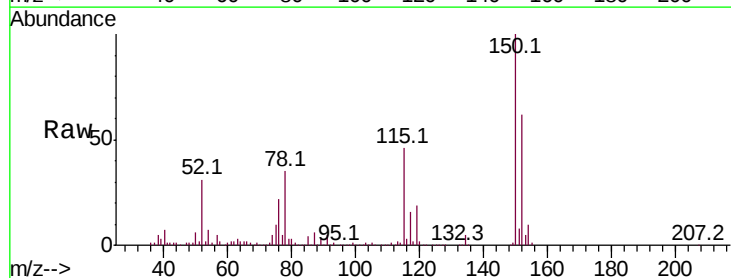
Instrument :
 MSVOA_X
 ClientSampled :
 40741DL

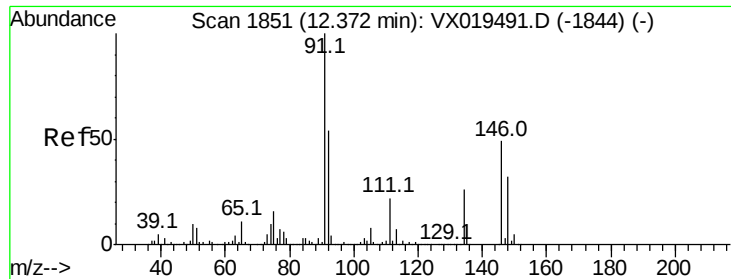
Tot Ion:105 Resp: 1134562
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 1.333 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019653.D
 Acq: 25 Nov 2020 13:58

Tgt Ion:119 Resp: 17955
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 28.4 11.8 35.4

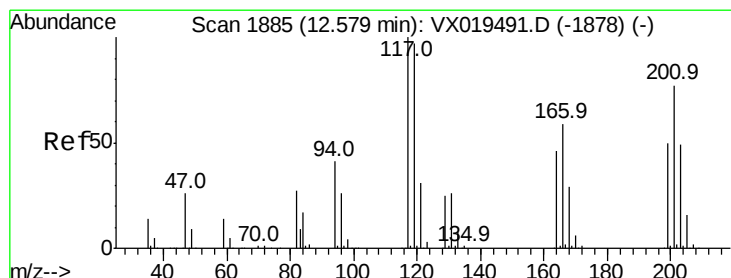
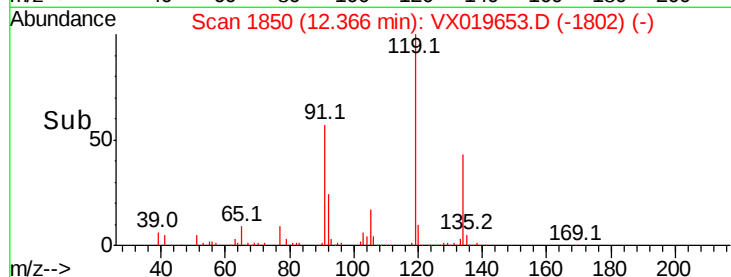
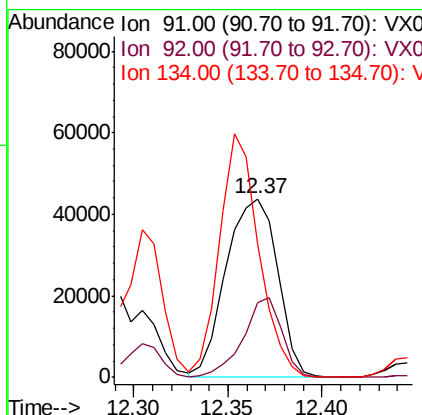
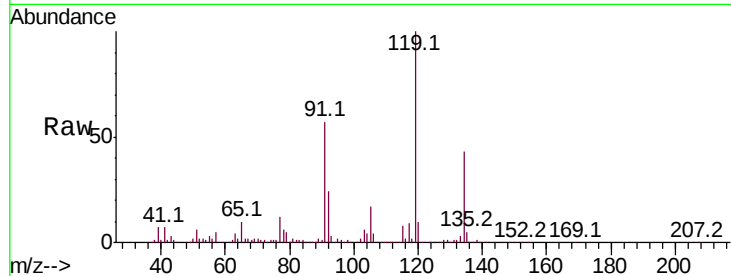




#89
n-Butylbenzene
Concen: 6.765 ug/l
RT: 12.37 min Scan# 1850
Delta R.T. -0.01 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

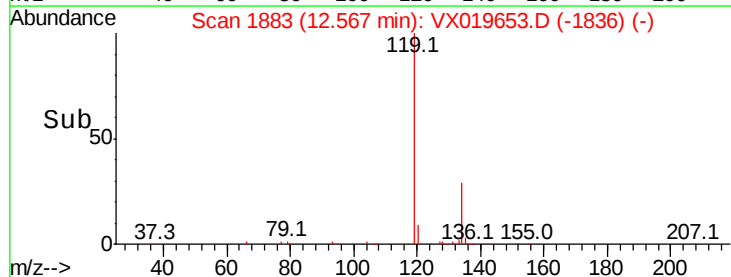
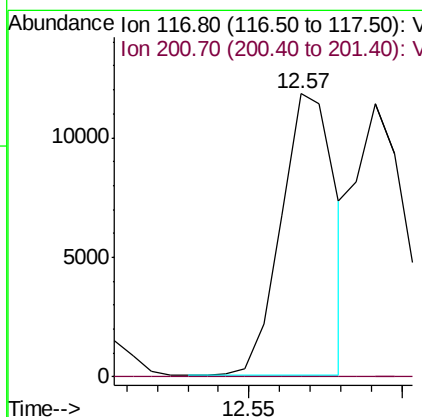
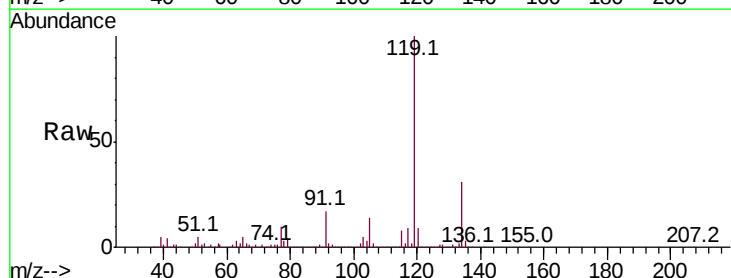
Instrument :
MSVOA_X
ClientSampleId :
40741DL

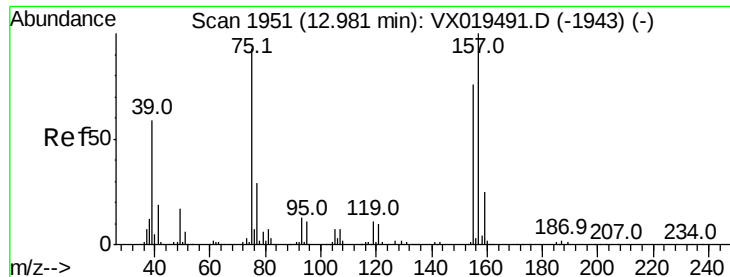
Tot Ion: 91 Resp: 82392
Ion Ratio Lower Upper
91 100
92 34.0 26.9 80.6
134 104.6 12.9 38.6#



#90
Hexachloroethane
Concen: 6.428 ug/l
RT: 12.57 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX019653.D
Acq: 25 Nov 2020 13:58

Tgt Ion: 117 Resp: 14490
Ion Ratio Lower Upper
117 100
201 0.0 39.4 118.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.910 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

40741DL

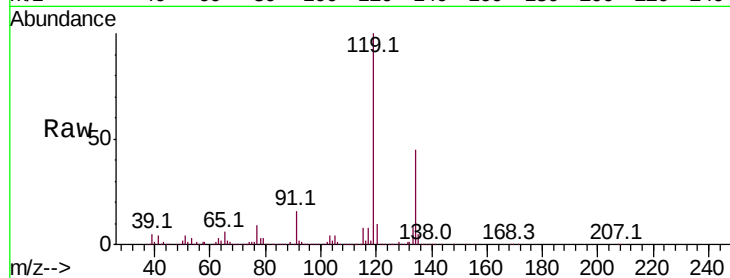
Tot Ion: 75 Resp: 2142

Ion Ratio Lower Upper

75 100

155 8.7 43.6 130.9#

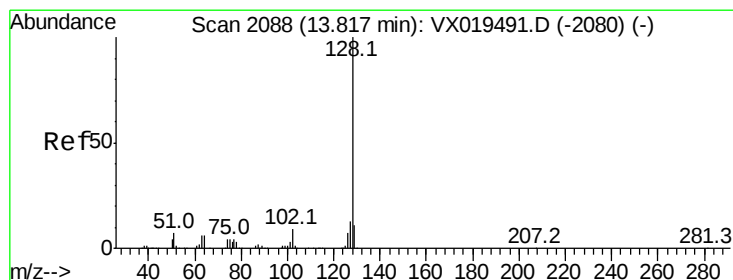
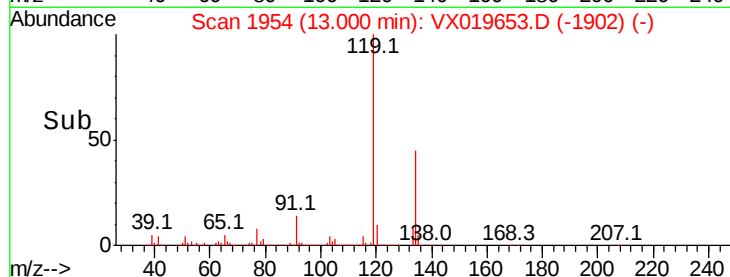
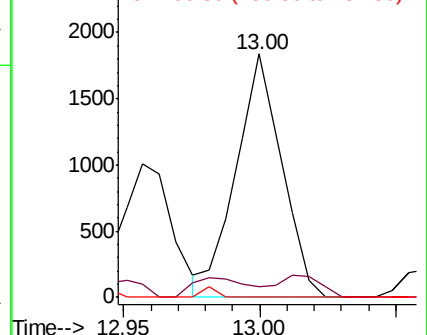
157 0.0 57.0 170.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 32.857 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019653.D

Acq: 25 Nov 2020 13:58

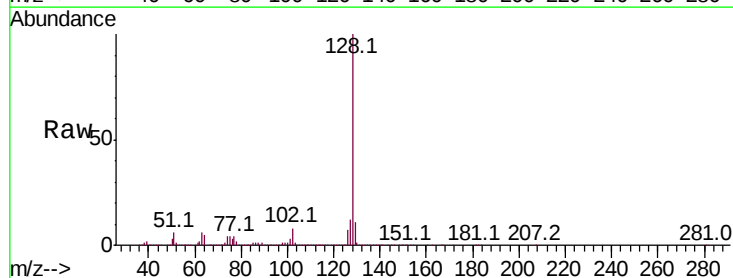
Tgt Ion:128 Resp: 525617

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

