

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019525.D
 Acq On : 21 Nov 2020 04:20
 Operator : JC/MD
 Sample : L4779-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1643

Quant Time: Nov 21 05:37:59 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	5.62	168	327533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	530717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	472691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216392	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	192204	45.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.52%		
35) Dibromofluoromethane	5.46	113	156050	46.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.68%		
50) Toluene-d8	8.70	98	626698	48.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.82%		
62) 4-Bromofluorobenzene	11.12	95	229196	49.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.42%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.26	50	5773	1.579	ug/l #	41
5) Bromomethane	1.62	94	502	0.337	ug/l	81
6) Chloroethane	1.70	64	5867	2.063	ug/l #	47
11) Tert butyl alcohol	3.04	59	58797	73.158	ug/l	97
13) Acrolein	2.27	56	151	0.280	ug/l #	15
14) Allyl chloride	2.69	41	1295	0.254	ug/l #	30
15) Acrylonitrile	3.11	53	589	0.311	ug/l	90
16) Acetone	2.43	43	257727	156.931	ug/l	99
17) Carbon Disulfide	2.54	76	2613	0.299	ug/l	96
18) Methyl Acetate	2.75	43	1256	0.942	ug/l #	84
20) Methylene Chloride	2.83	84	6002	1.462	ug/l	91
25) 2-Butanone	4.64	43	80931	32.805	ug/l	100
29) Tetrahydrofuran	5.11	42	1549	0.984	ug/l #	59
36) 1,1-Dichloropropene	5.62	75	24278	4.880	ug/l #	50
37) Ethyl Acetate	4.64	43	80931	17.326	ug/l #	65
38) Carbon Tetrachloride	5.62	117	31879	6.620	ug/l #	16
49) 1,4-Dioxane	7.73	88	182	2.180	ug/l #	25
51) 4-Methyl-2-Pentanone	8.62	43	22705	4.959	ug/l	99
52) Toluene	8.76	92	5680	0.607	ug/l	90
59) 2-Hexanone	9.48	43	26237	7.556	ug/l	97
67) Ethyl Benzene	10.23	91	5884	0.346	ug/l	93
68) m/p-Xylenes	10.34	106	7198	1.135	ug/l	83
69) o-Xylene	10.68	106	5069	0.836	ug/l	100
70) Styrene	10.70	104	915	1.725	ug/l #	1
71) Bromoform	10.83	173	125	3.642	ug/l #	28
74) N-amyl acetate	10.92	43	5382	0.959	ug/l #	63
76) 1,2,3-Trichloropropane	11.12	75	111463	23.603	ug/l #	38
78) n-propylbenzene	11.34	91	6278	0.366	ug/l	93
80) 1,3,5-Trimethylbenzene	11.49	105	9209	0.733	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.12	75	111463	62.586	ug/l #	12
83) tert-Butylbenzene	12.01	119	9742	0.802	ug/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	41938	3.301	ug/l	98
85) sec-Butylbenzene	11.93	105	6307	0.436	ug/l	90
86) p-Isopropyltoluene	12.05	119	6335	0.483	ug/l	88

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Quant Time: Nov 21 05:37:59 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

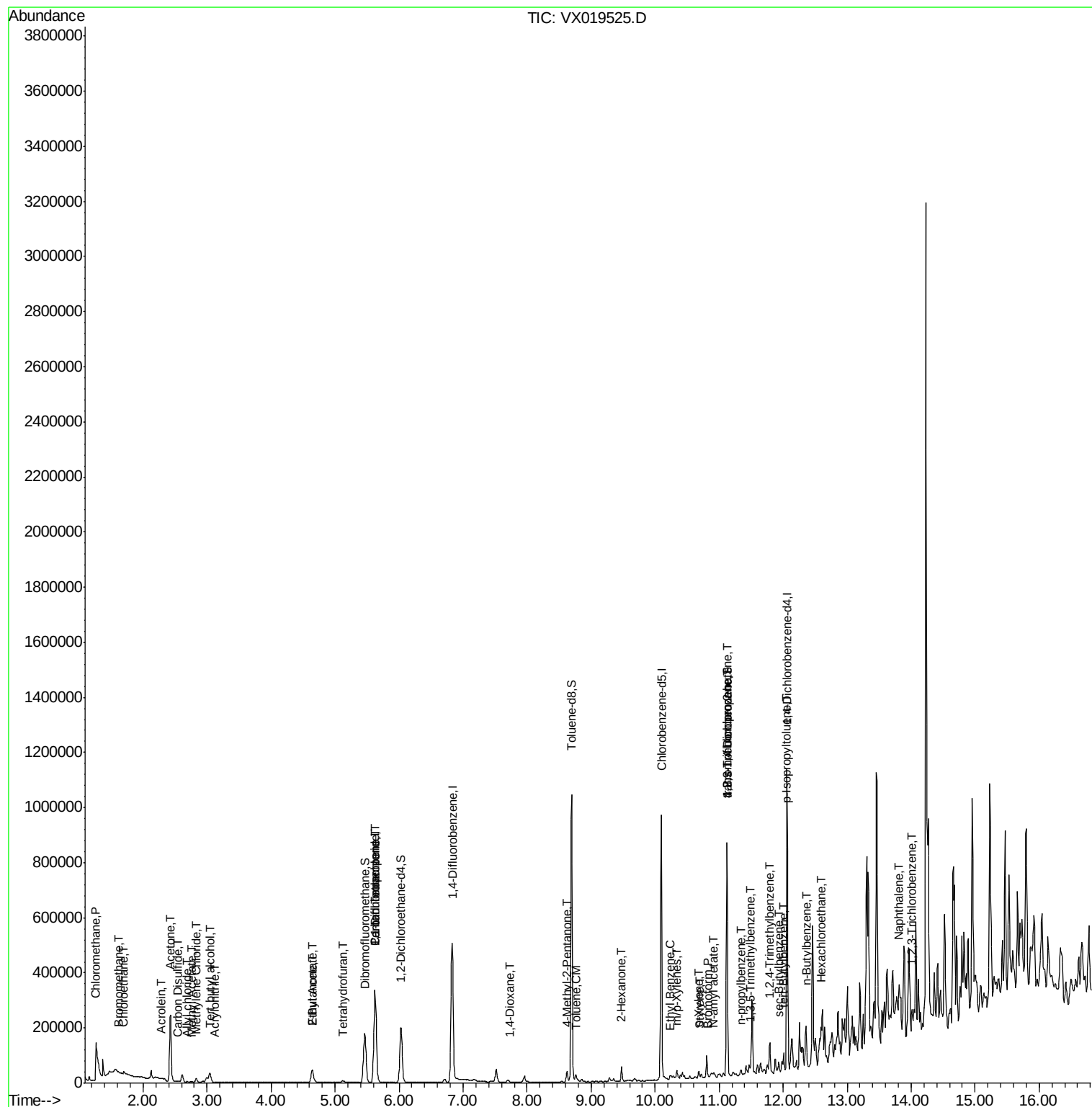
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.37	91	18363	1.548	ug/l #	35
90) Hexachloroethane	12.59	117	3162	1.440	ug/l #	10
95) Naphthalene	13.82	128	121063	9.433	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.02	180	1272	0.281	ug/l #	1

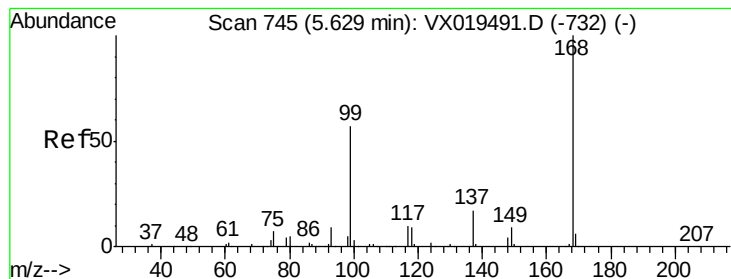
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

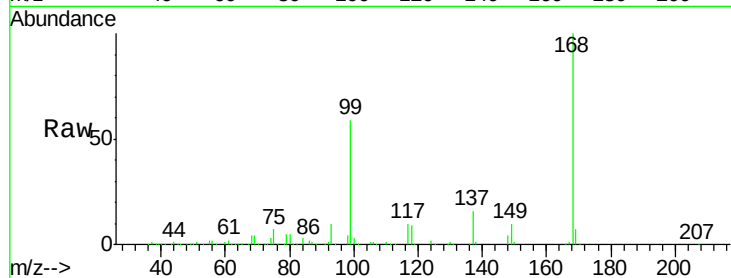
1643

Tot Ion:168 Resp: 327533

Ion Ratio Lower Upper

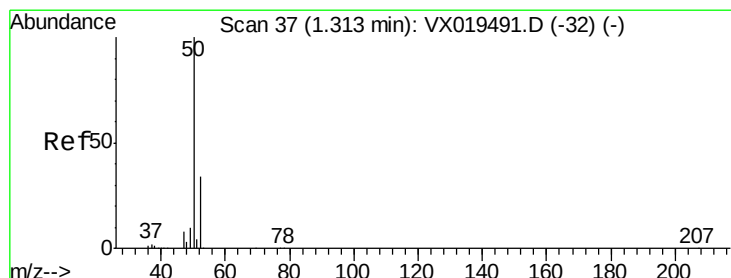
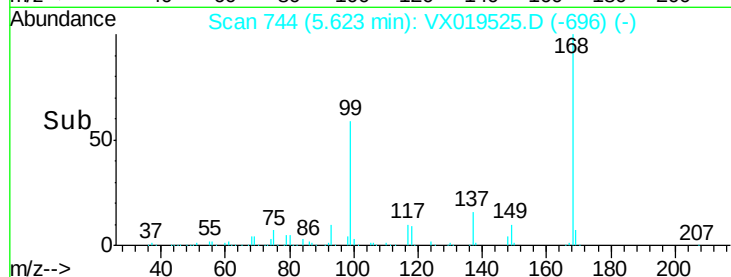
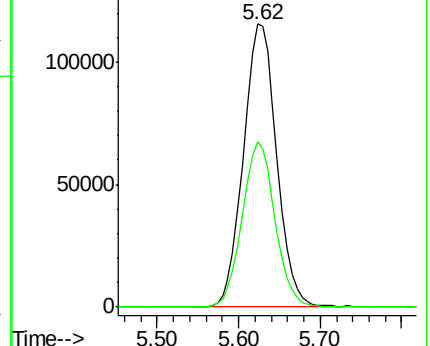
168 100

99 58.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.579 ug/l

RT: 1.26 min Scan# 29

Delta R.T. -0.05 min

Lab File: VX019525.D

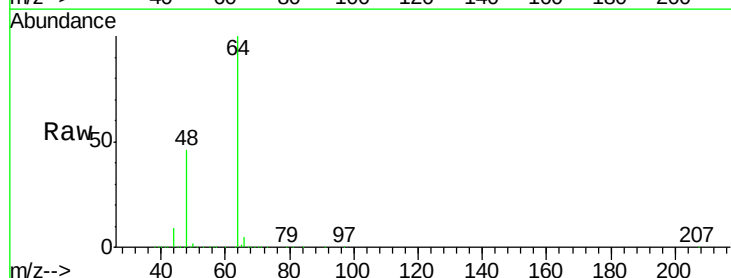
Acq: 21 Nov 2020 04:20

Tgt Ion: 50 Resp: 5773

Ion Ratio Lower Upper

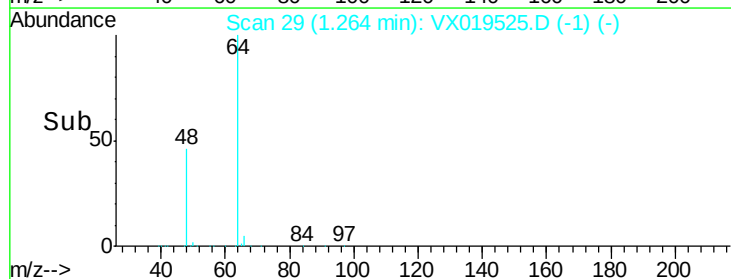
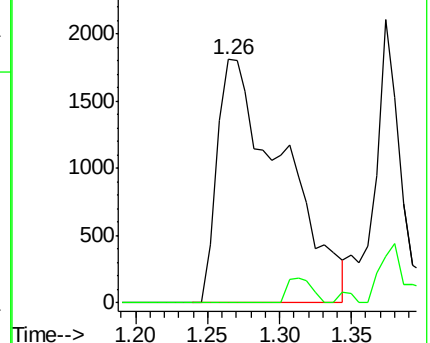
50 100

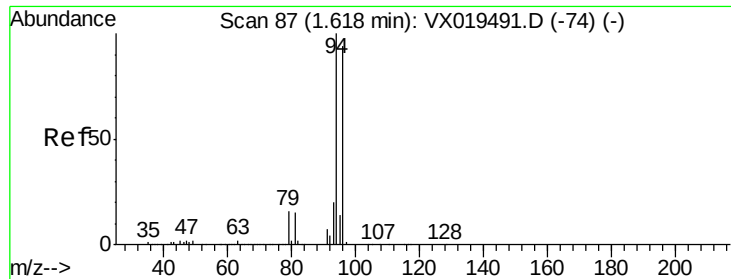
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.337 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampled :

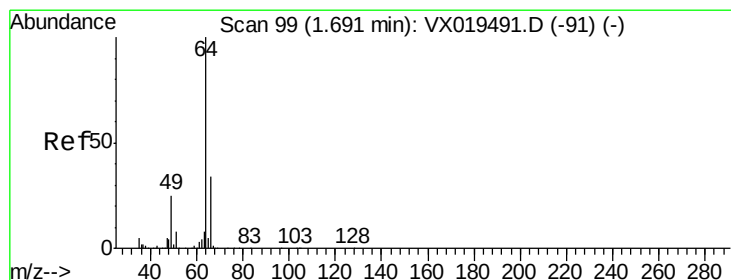
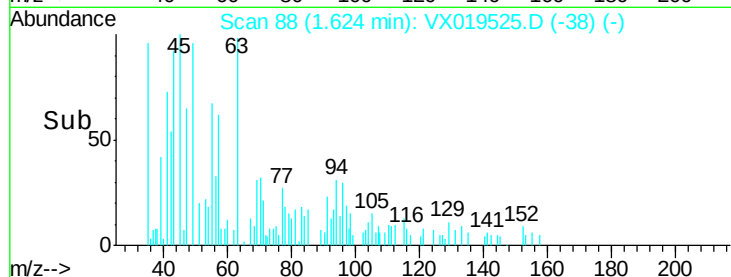
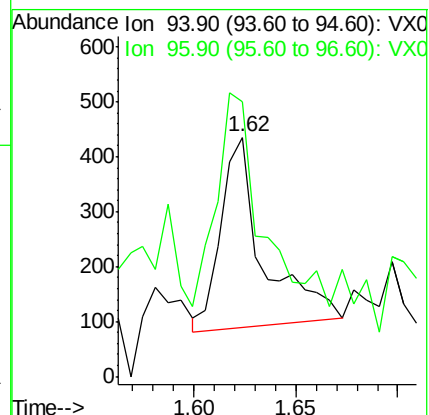
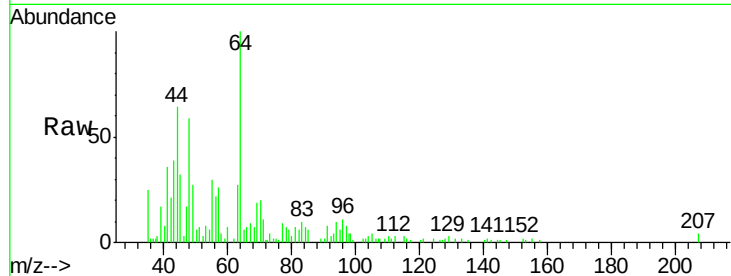
1643

Tot Ion: 94 Resp: 502

Ion Ratio Lower Upper

94 100

96 113.3 75.6 113.4



#6

Chloroethane

Concen: 2.063 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX019525.D

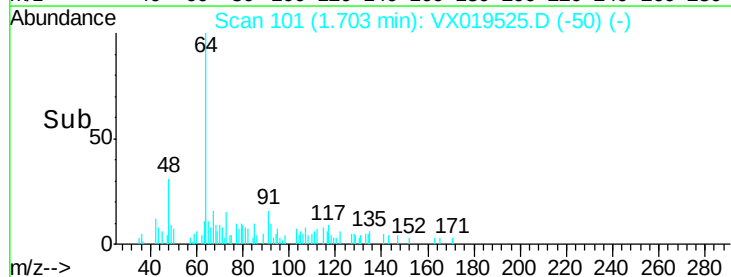
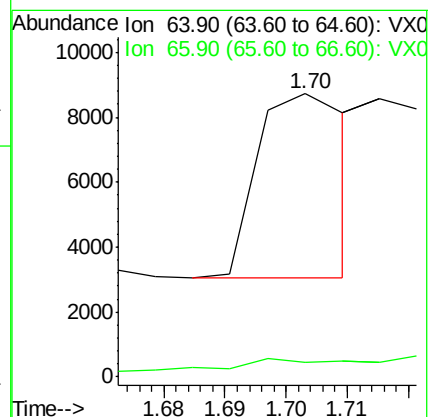
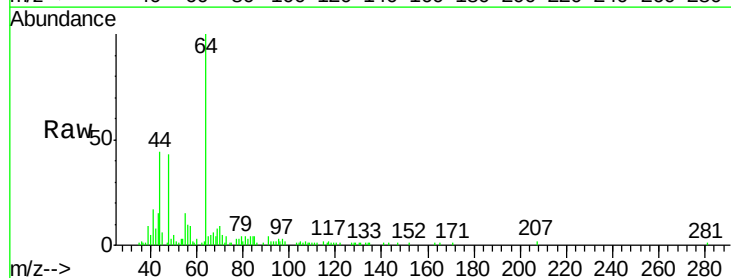
Acq: 21 Nov 2020 04:20

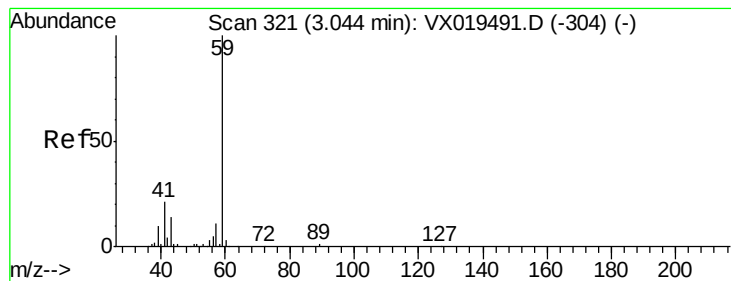
Tgt Ion: 64 Resp: 5867

Ion Ratio Lower Upper

64 100

66 3.4 27.1 40.7#





#11

Tert butyl alcohol

Concen: 73.158 ug/l

RT: 3.04 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

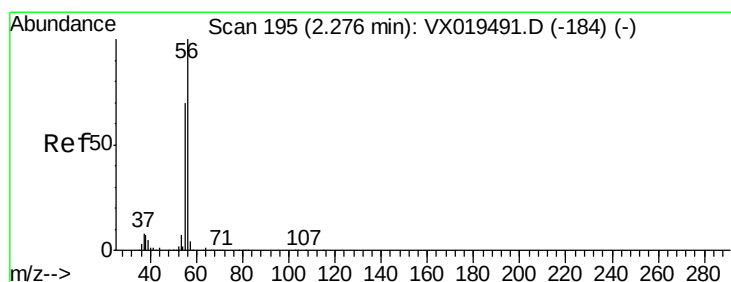
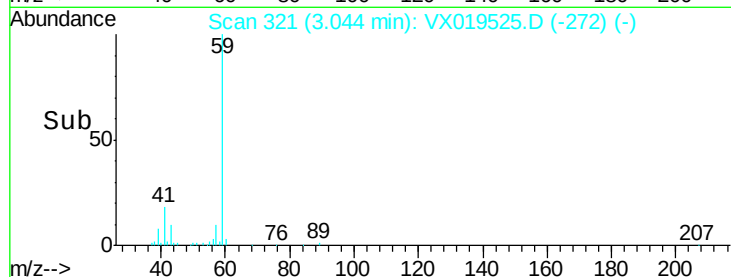
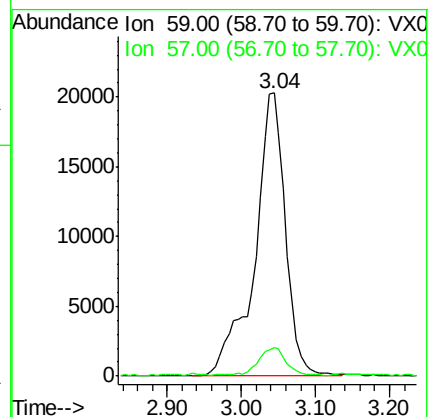
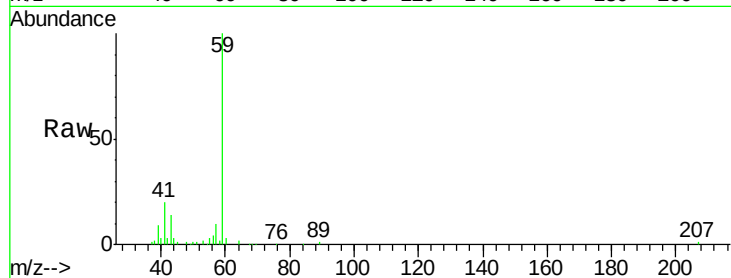
1643

Tot Ion: 59 Resp: 58797

Ion Ratio Lower Upper

59 100

57 8.6 7.9 11.9



#13

Acrolein

Concen: 0.280 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019525.D

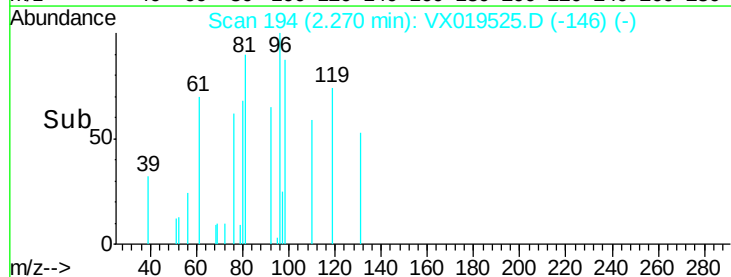
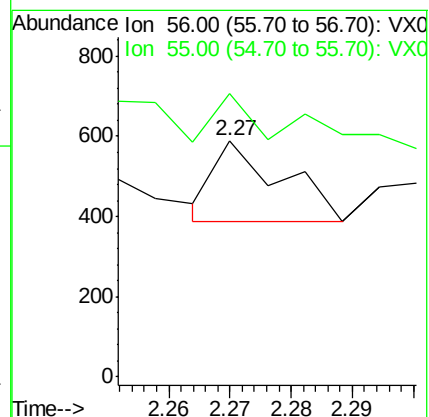
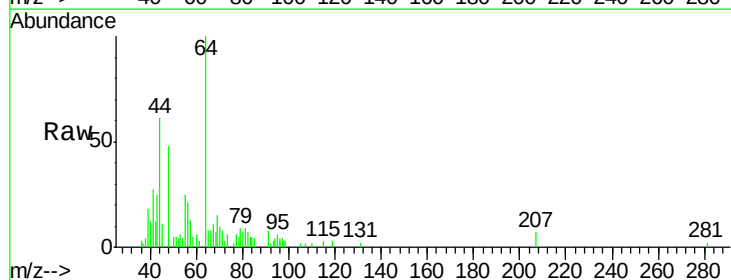
Acq: 21 Nov 2020 04:20

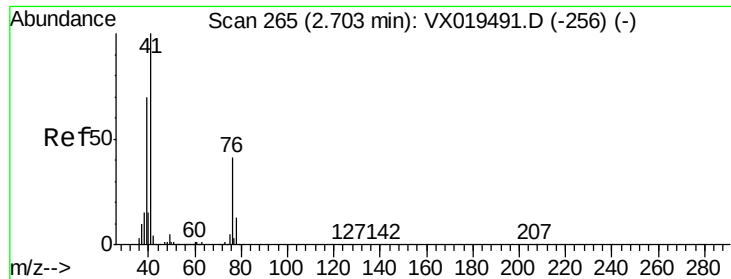
Tgt Ion: 56 Resp: 151

Ion Ratio Lower Upper

56 100

55 0.0 55.5 83.3#

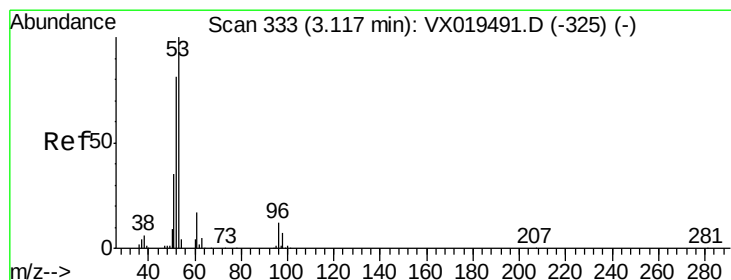
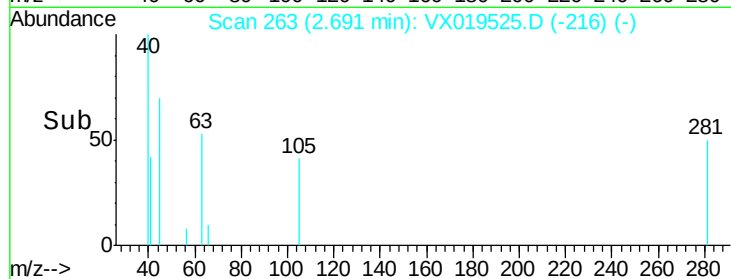
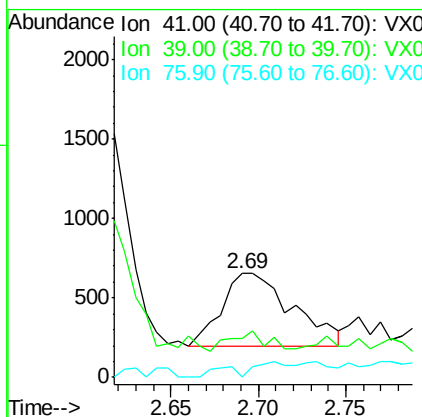
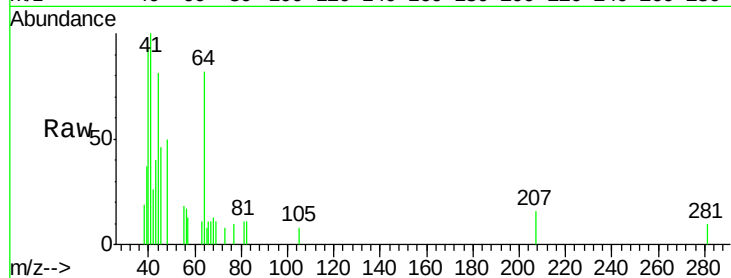




#14
Allvl chloride
Concen: 0.254 ug/l
RT: 2.69 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

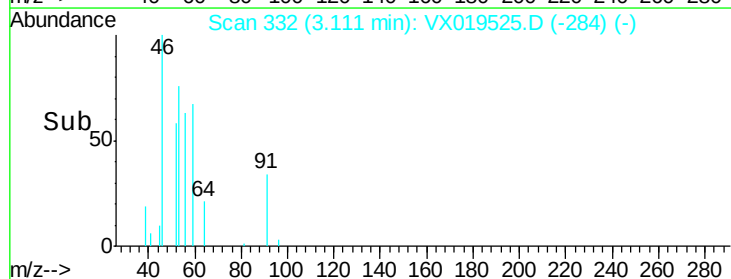
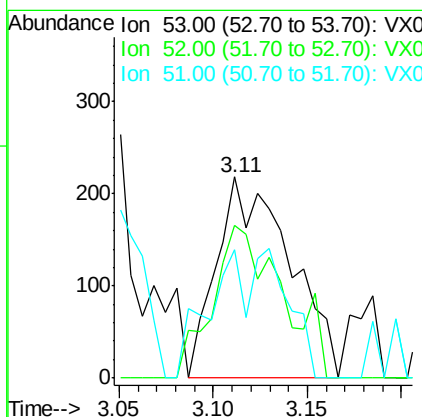
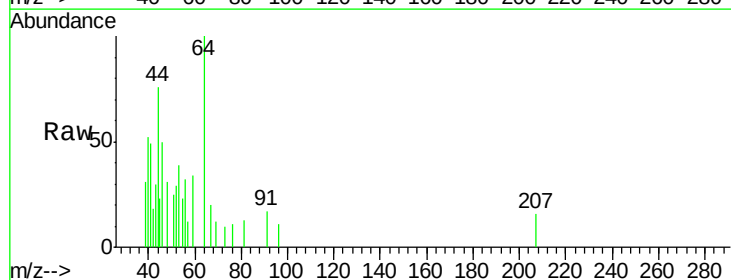
Instrument :
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ClientSampleId :
1643

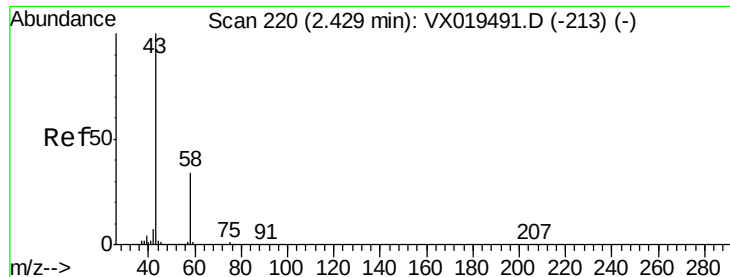
Tot Ion: 41 Resp: 1295
Ion Ratio Lower Upper
41 100
39 0.0 53.0 79.4#
76 9.1 31.0 46.6#



#15
Acrylonitrile
Concen: 0.311 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

Tgt Ion: 53 Resp: 589
Ion Ratio Lower Upper
53 100
52 71.8 66.2 99.2
51 32.4 28.5 42.7

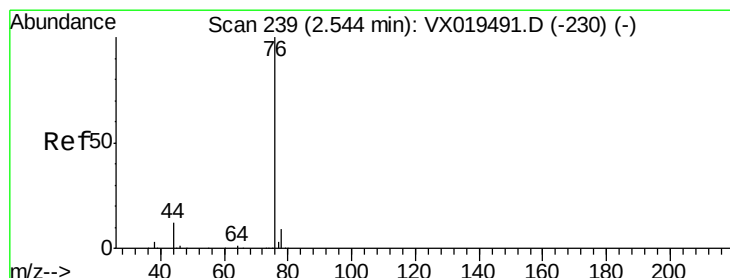
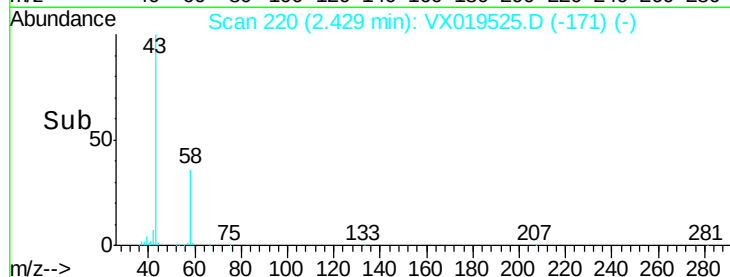
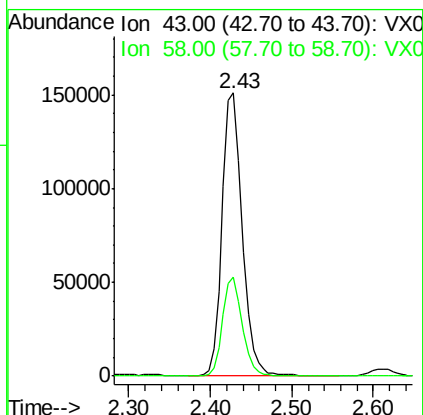
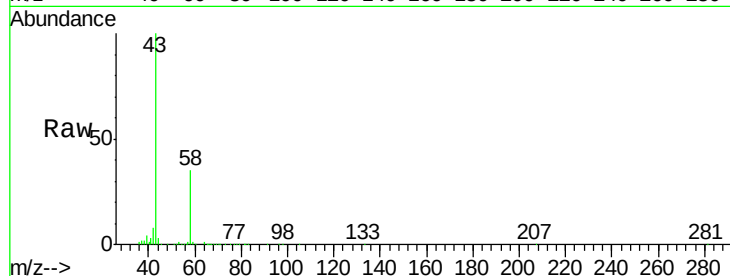




#16
Acetone
Concen: 156.931 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

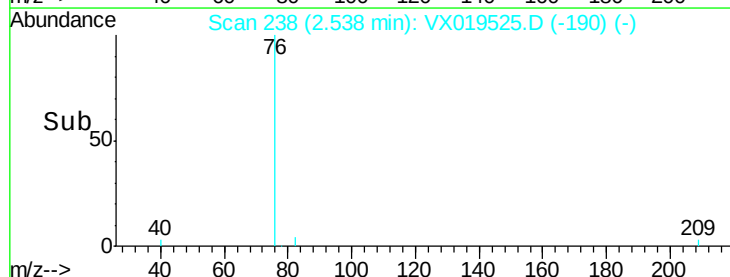
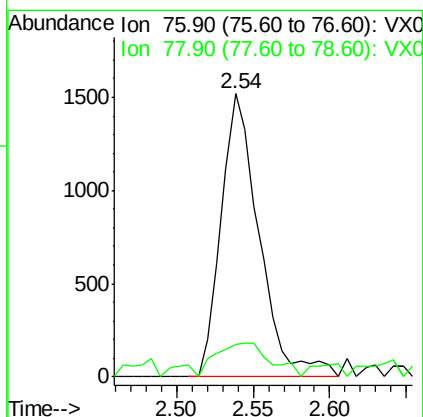
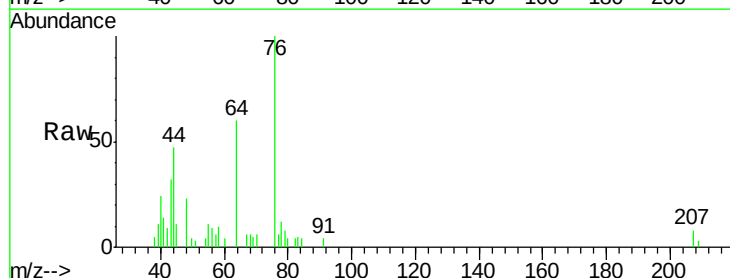
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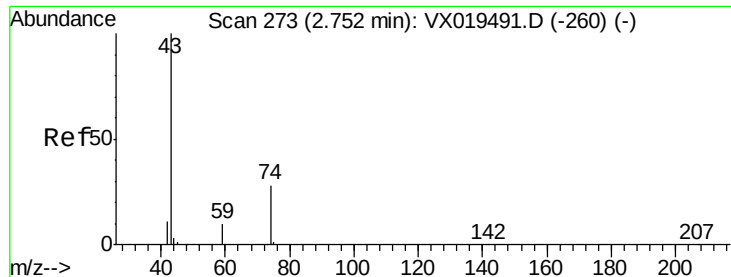
Tot Ion: 43 Resp: 257727
Ion Ratio Lower Upper
43 100
58 34.9 27.4 41.2



#17
Carbon Disulfide
Concen: 0.299 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.01 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

Tgt Ion: 76 Resp: 2613
Ion Ratio Lower Upper
76 100
78 7.4 7.2 10.8

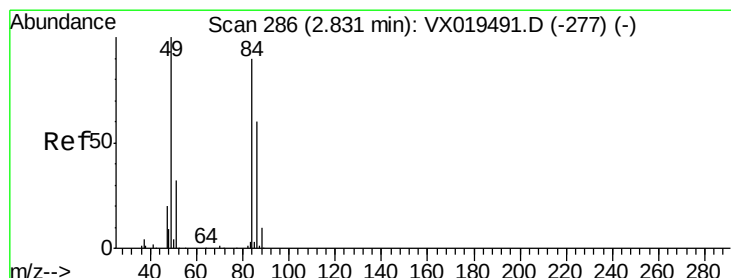
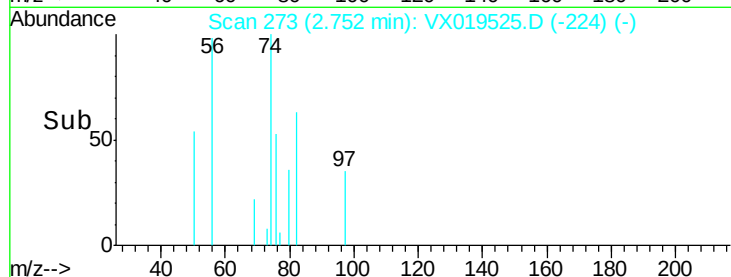
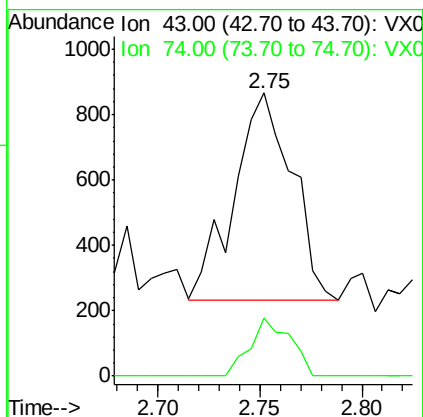
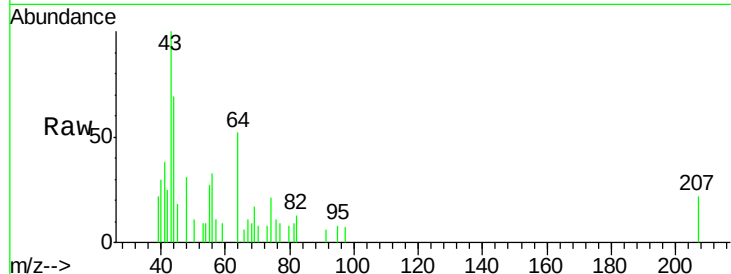




#18
Methyl Acetate
Concen: 0.942 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

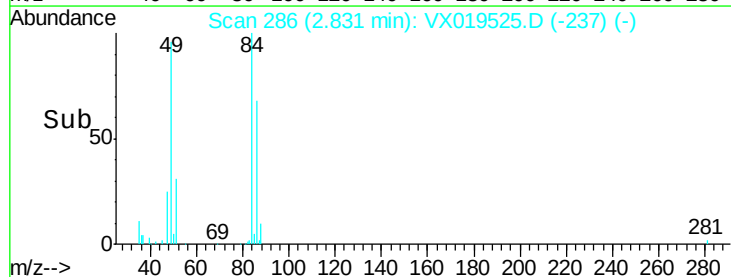
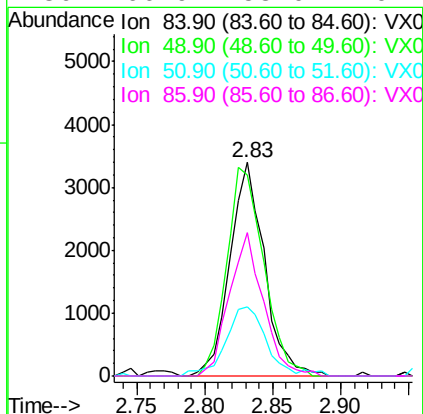
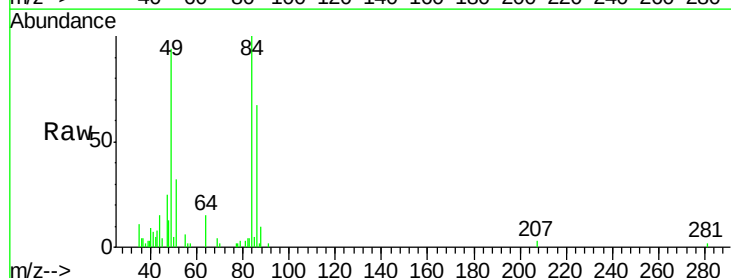
Instrument :
MSVOA_X
ClientSampled :
1643

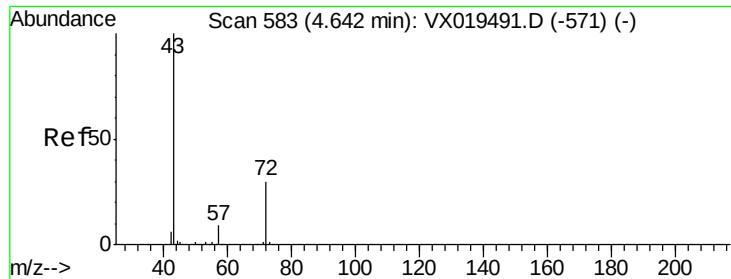
Tot Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
74 19.3 22.2 33.4#



#20
Methylene Chloride
Concen: 1.462 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

Tgt Ion: 84 Resp: 6002
Ion Ratio Lower Upper
84 100
49 94.1 88.5 132.7
51 32.4 28.0 42.0
86 66.9 53.0 79.4





#25

2-Butanone

Concen: 32.805 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

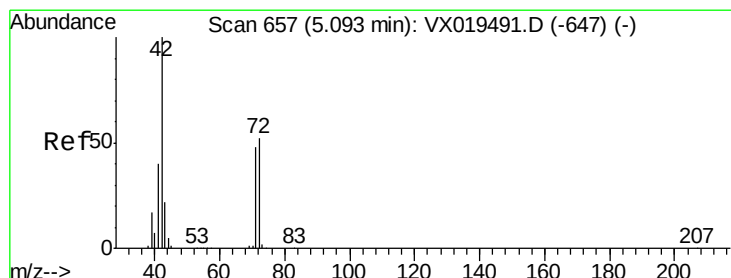
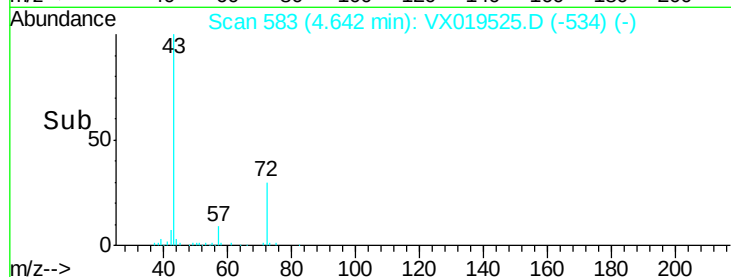
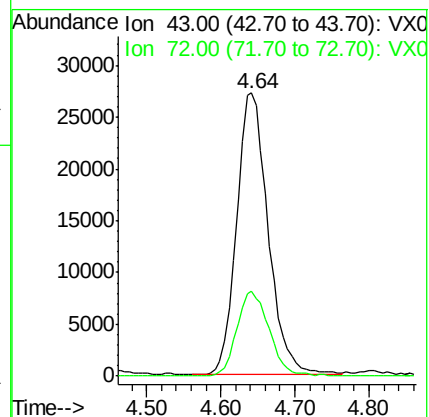
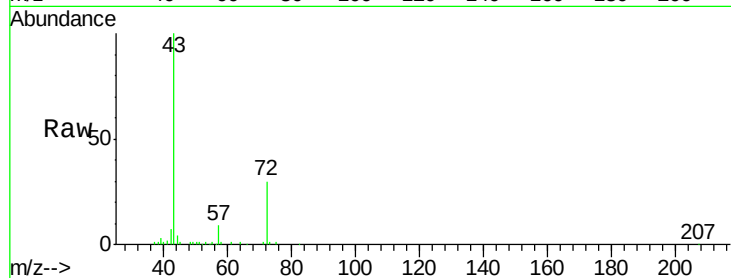
1643

Tot Ion: 43 Resp: 80931

Ion Ratio Lower Upper

43 100

72 30.2 24.0 36.0



#29

Tetrahydrofuran

Concen: 0.984 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

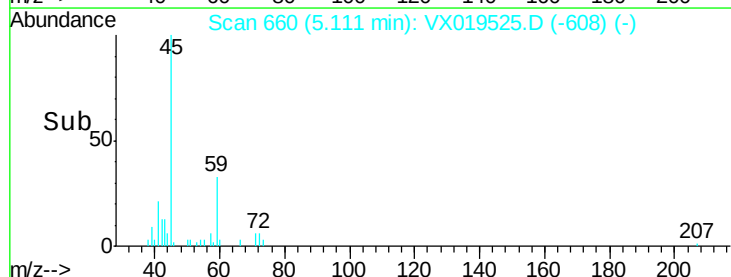
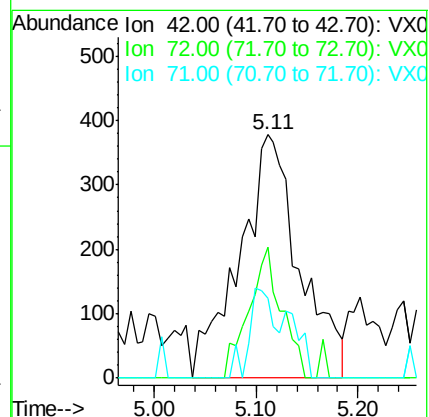
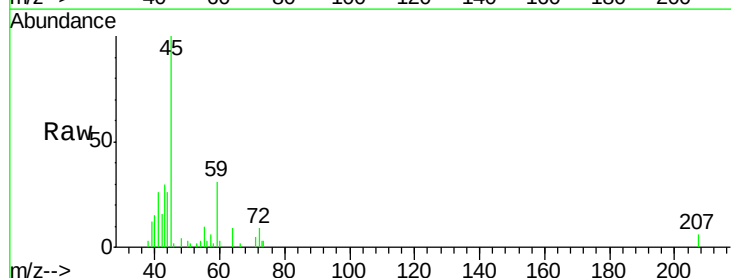
Tgt Ion: 42 Resp: 1549

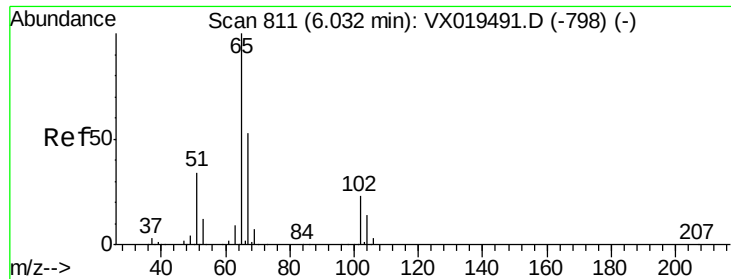
Ion Ratio Lower Upper

42 100

72 29.6 42.6 63.8#

71 15.6 39.0 58.6#

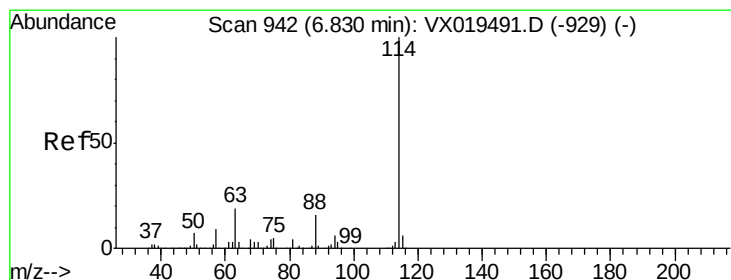
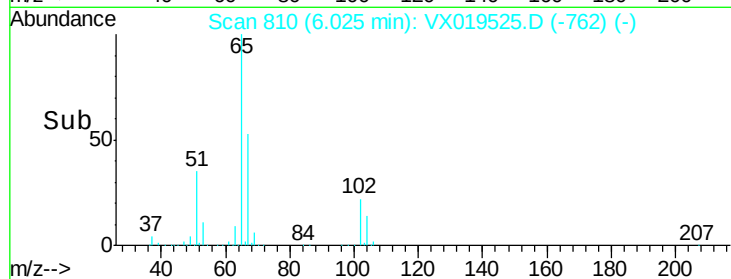
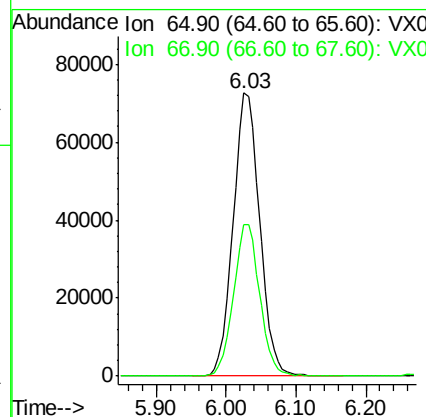
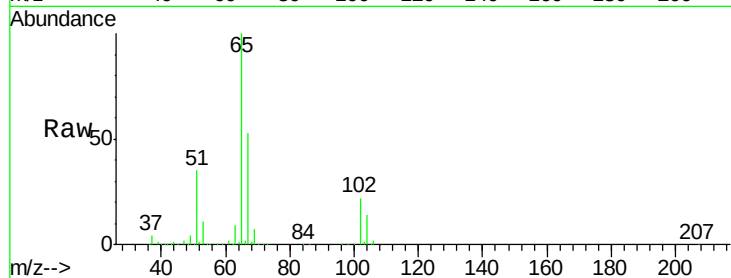




#33
 1,2-Dichloroethane-d4
 Concen: 45.259 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019525.D
 Acq: 21 Nov 2020 04:20

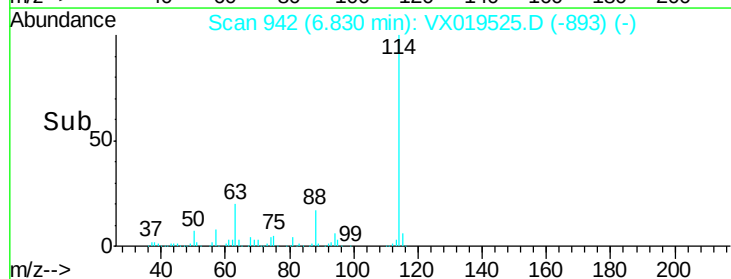
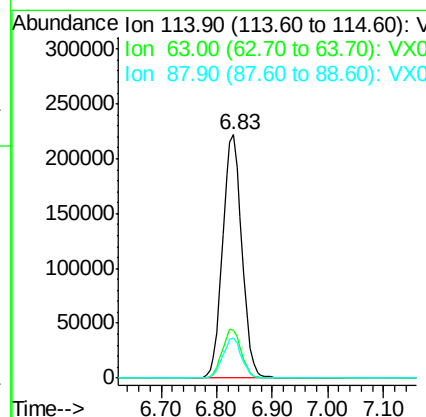
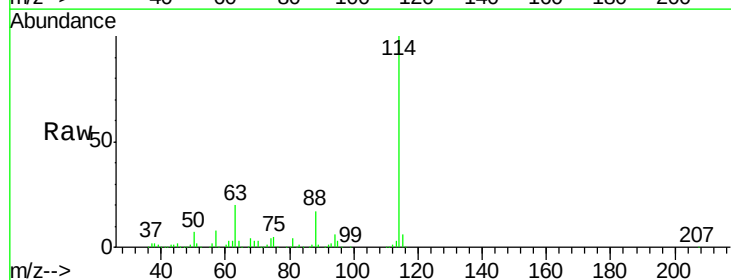
Instrument :
 MSVOA_X
 ClientSampleId :
 1643

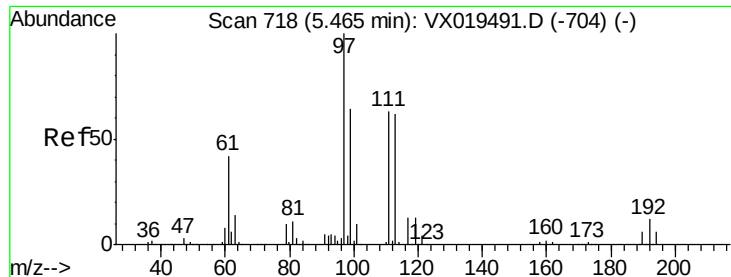
Tot Ion: 65 Resp: 192204
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019525.D
 Acq: 21 Nov 2020 04:20

Tgt Ion: 114 Resp: 530717
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.8
 88 16.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.843 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

1643

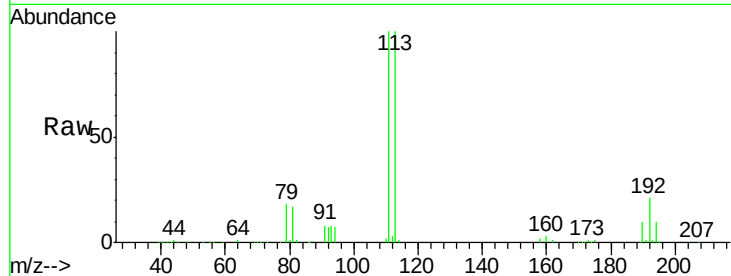
Tot Ion:113 Resp: 156050

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

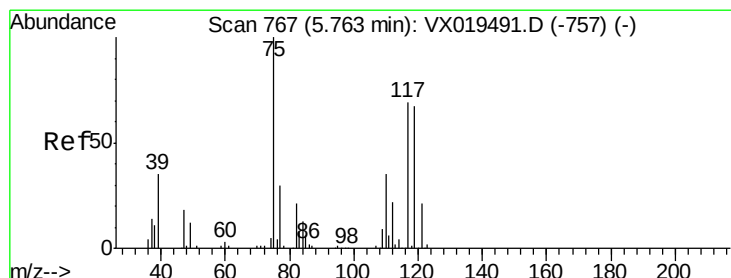
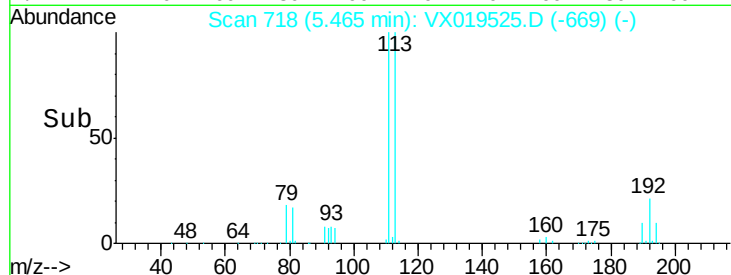
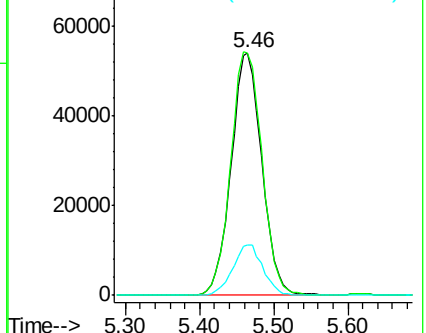
192 20.6 16.2 24.2



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: 4.880 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

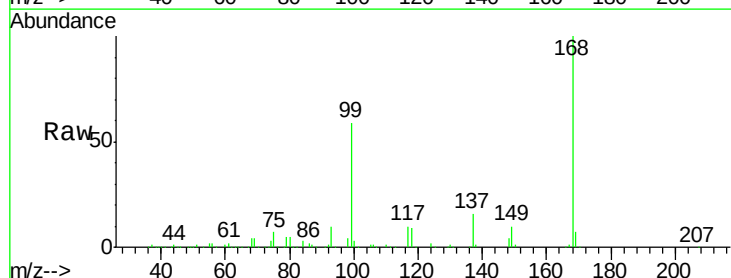
Tgt Ion: 75 Resp: 24278

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.3#

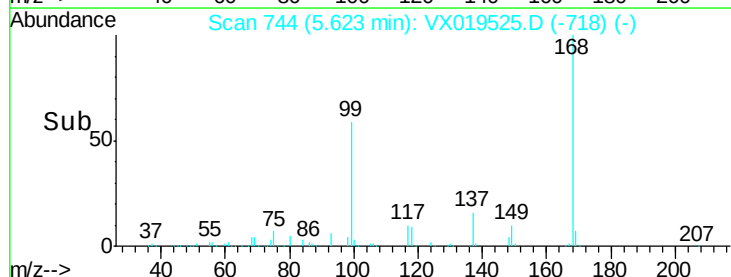
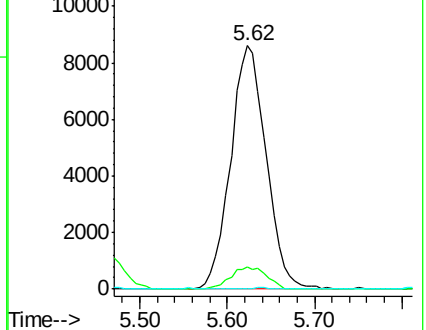
77 0.2 24.2 36.4#

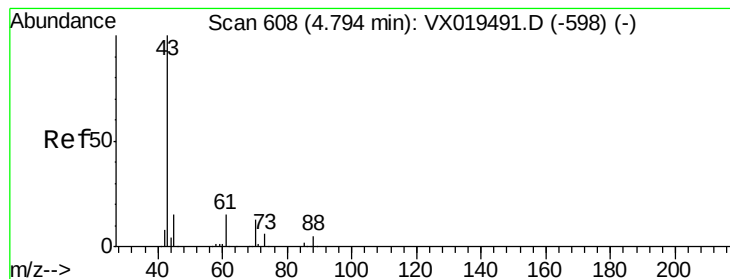


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 17.326 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

1643

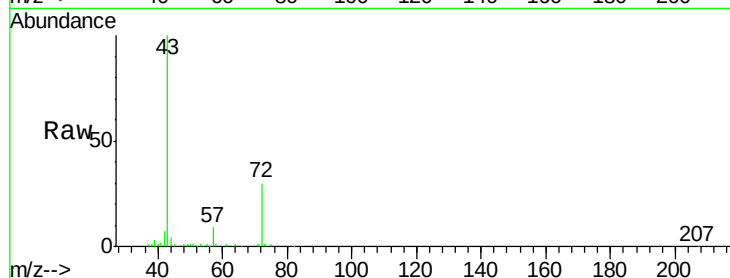
Tot Ion: 43 Resp: 80931

Ion Ratio Lower Upper

43 100

61 0.0 12.7 19.1#

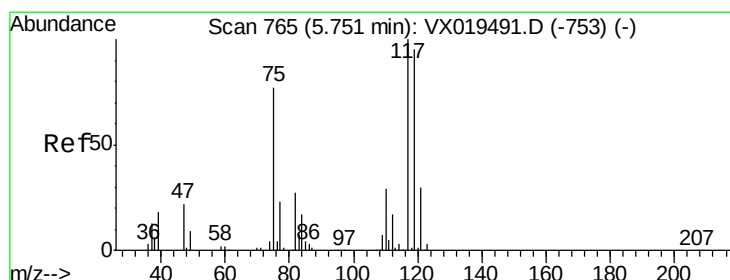
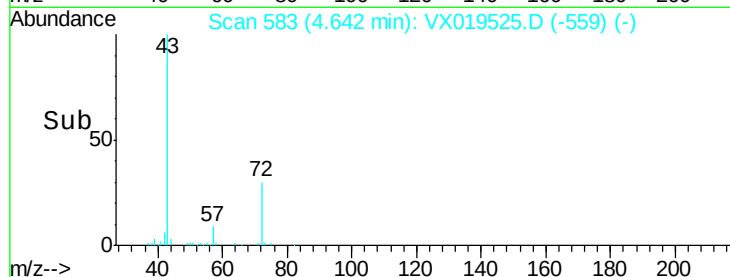
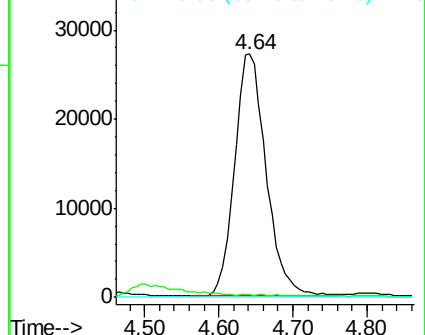
70 0.1 10.2 15.2#



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: 6.620 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

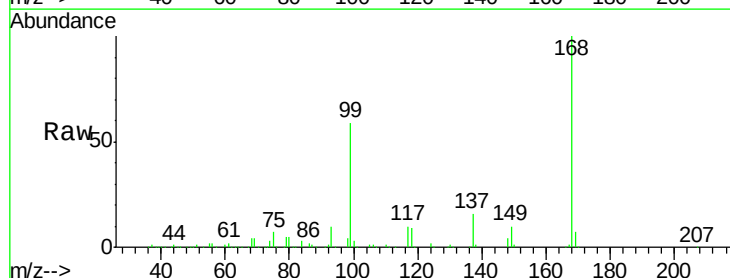
Tgt Ion: 117 Resp: 31879

Ion Ratio Lower Upper

117 100

119 4.4 75.9 113.9#

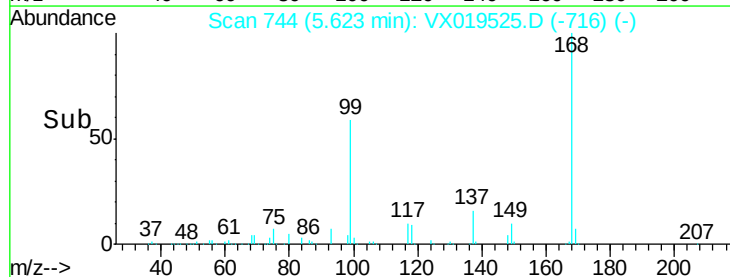
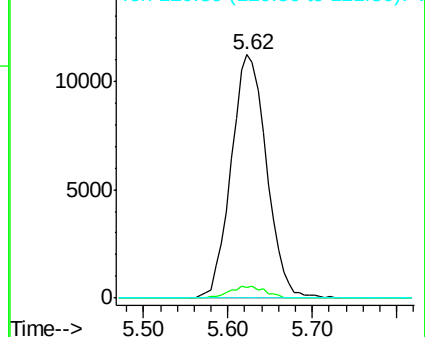
121 0.0 24.0 36.0#

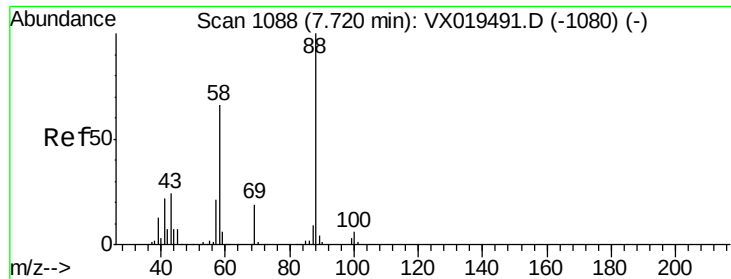


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

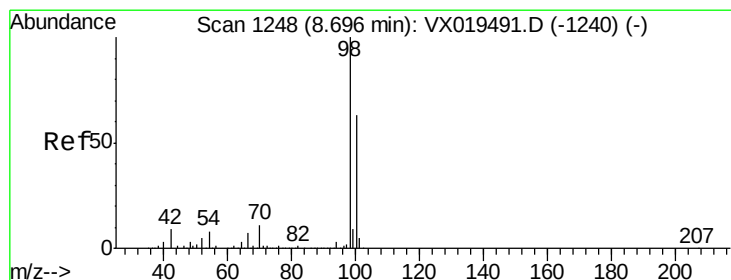
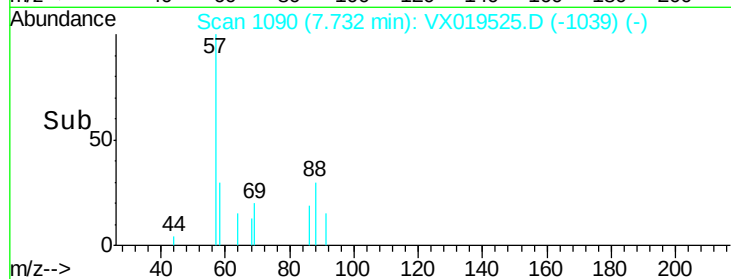
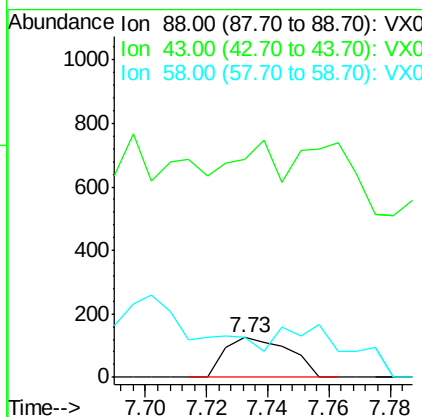
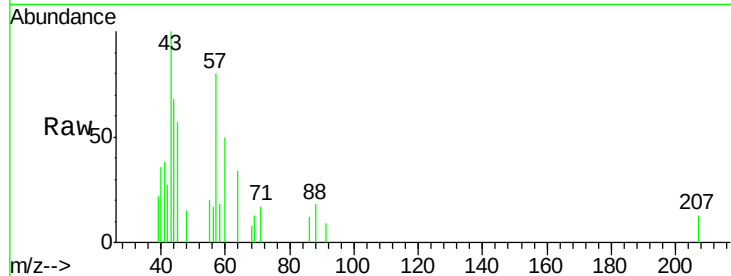




#49
1,4-Dioxane
Concen: 2.180 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

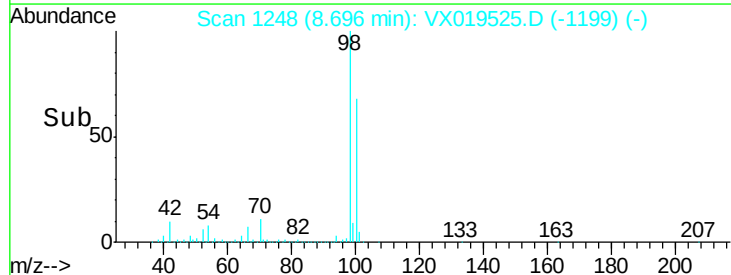
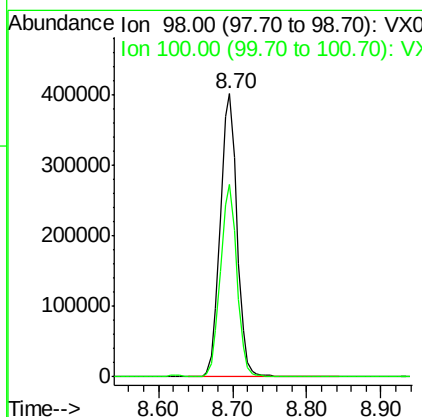
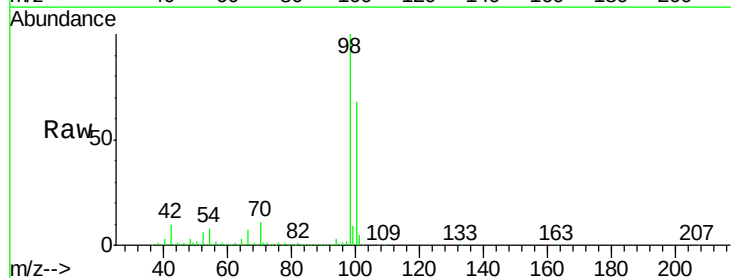
Instrument :
MSVOA_X
ClientSampled :
1643

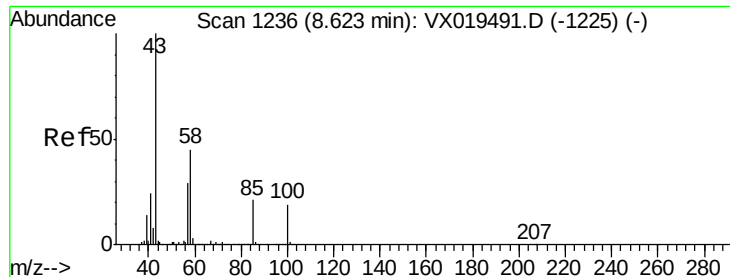
Tot Ion: 88 Resp: 182
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.6#
58 0.0 54.2 81.2#



#50
Toluene-d8
Concen: 48.412 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

Tgt Ion: 98 Resp: 626698
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 4.959 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

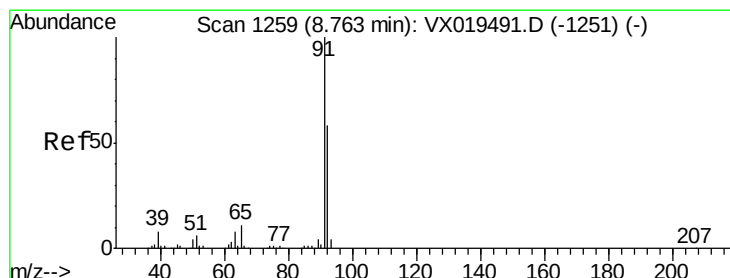
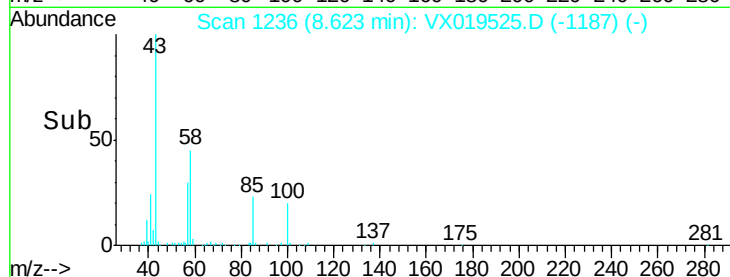
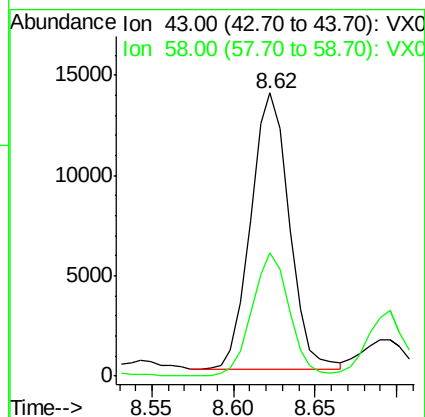
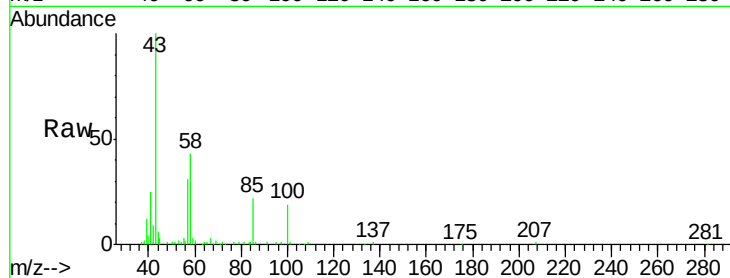
1643

Tot Ion: 43 Resp: 22705

Ion Ratio Lower Upper

43 100

58 43.5 35.1 52.7



#52

Toluene

Concen: 0.607 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019525.D

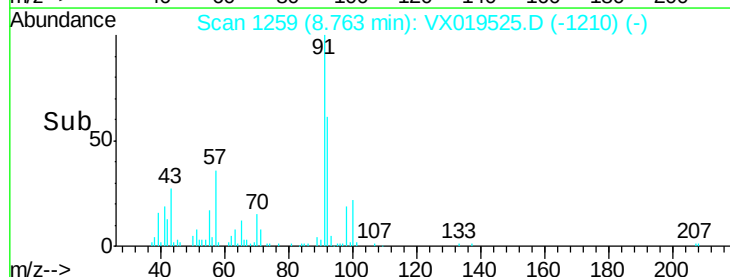
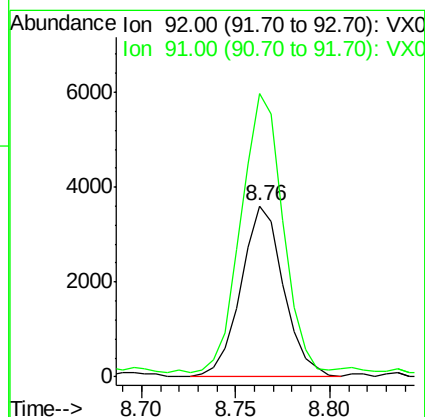
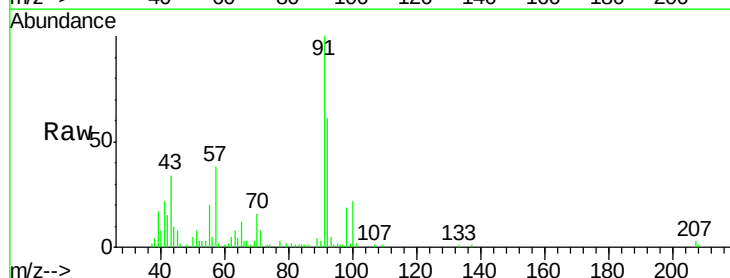
Acq: 21 Nov 2020 04:20

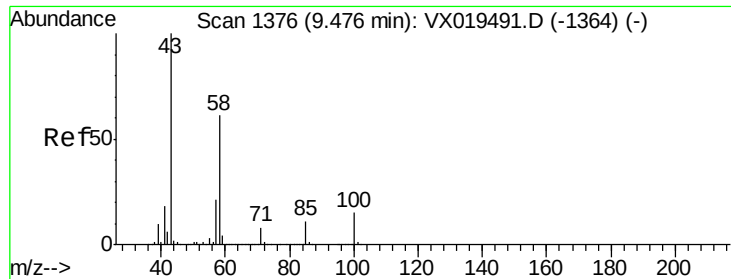
Tgt Ion: 92 Resp: 5680

Ion Ratio Lower Upper

92 100

91 158.8 138.1 207.1

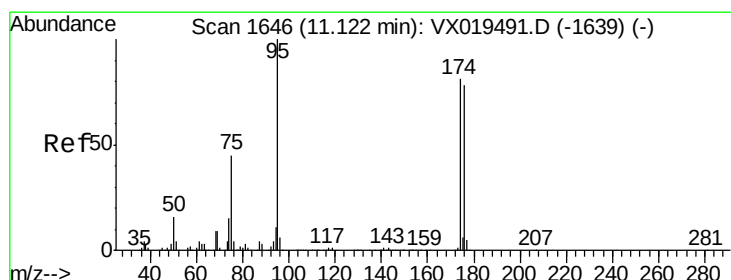
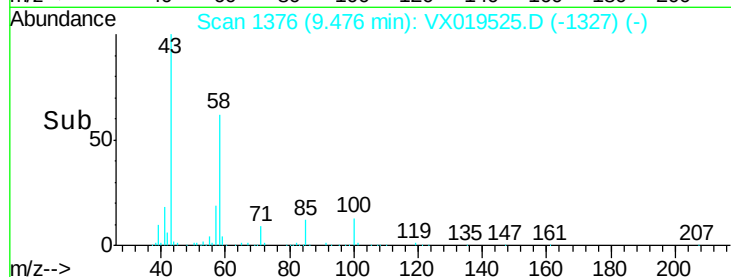
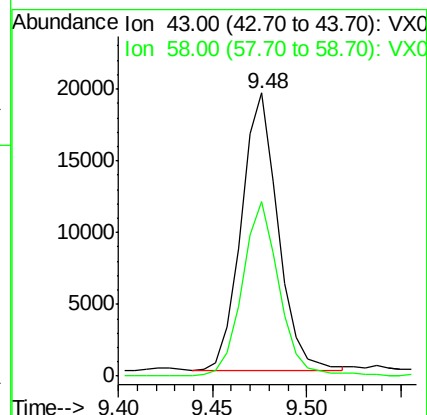
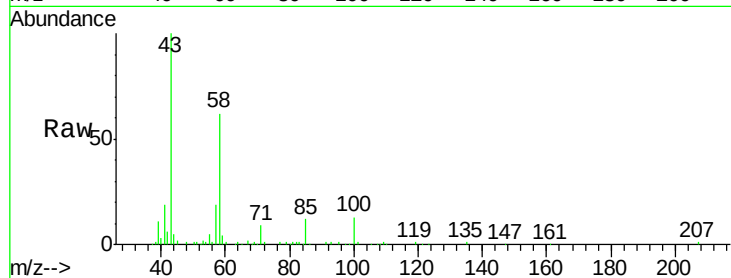




#59
2-Hexanone
Concen: 7.556 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

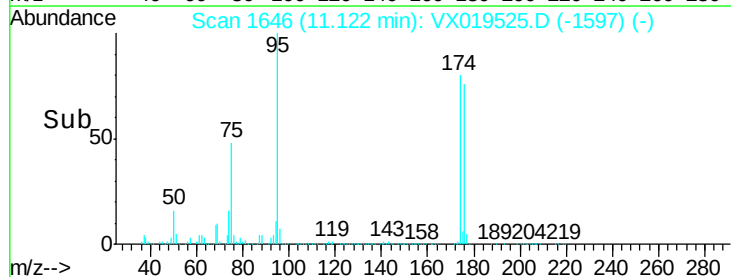
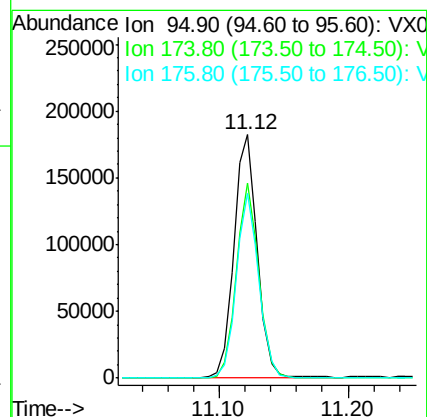
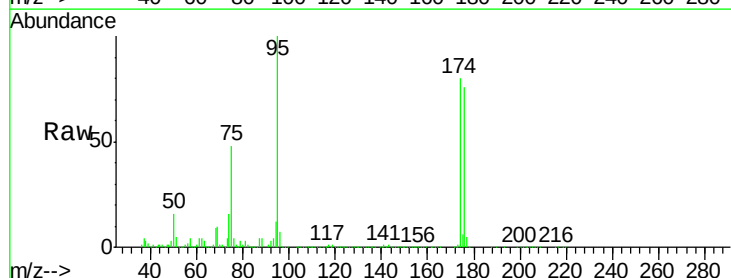
Instrument :
MSVOA_X
ClientSampleId :
1643

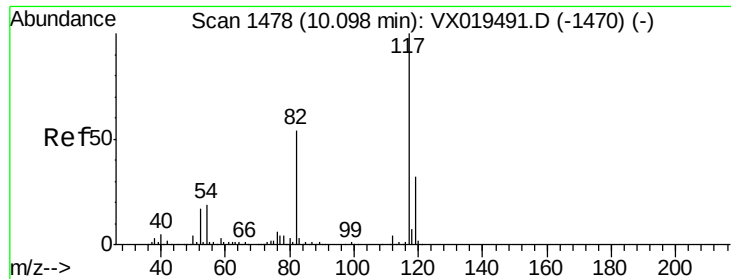
Tot Ion: 43 Resp: 26237
Ion Ratio Lower Upper
43 100
58 63.1 30.6 91.6



#62
4-Bromofluorobenzene
Concen: 49.210 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

Tgt Ion: 95 Resp: 229196
Ion Ratio Lower Upper
95 100
174 77.2 0.0 156.2
176 73.6 0.0 151.4

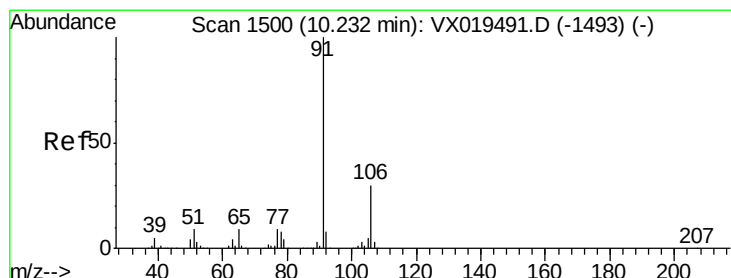
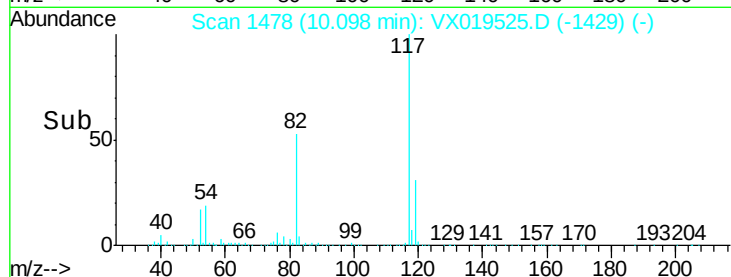
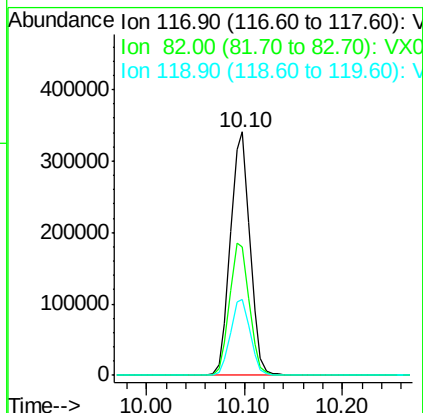
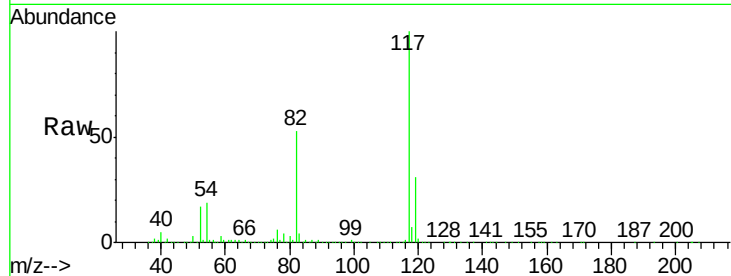




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

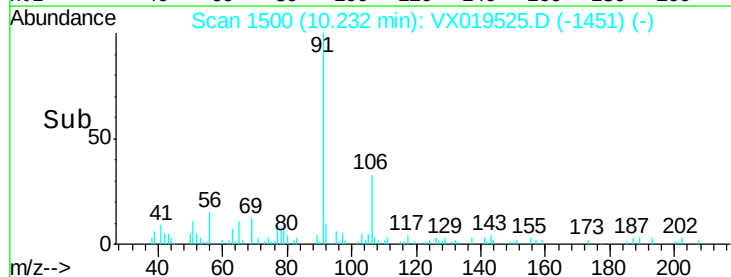
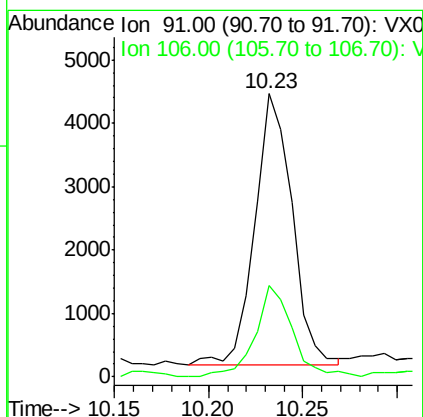
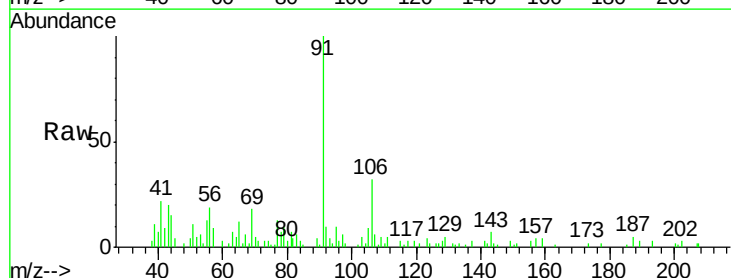
Instrument :
MSVOA_X
ClientSampled :
1643

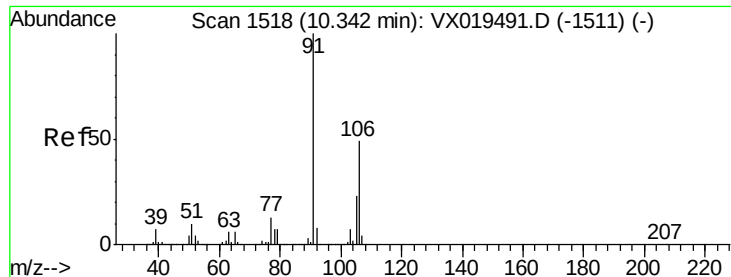
Tot Ion:117 Resp: 472691
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.1 25.6 38.4



#67
Ethyl Benzene
Concen: 0.346 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

Tgt Ion: 91 Resp: 5884
Ion Ratio Lower Upper
91 100
106 33.7 24.0 36.0

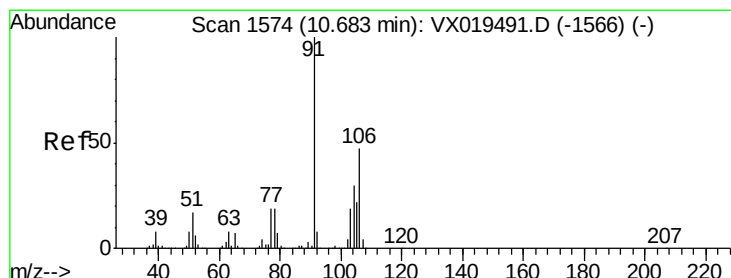
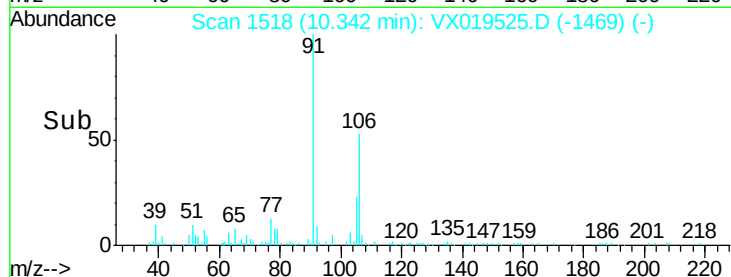
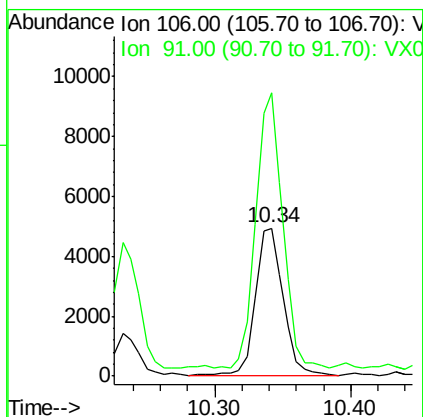
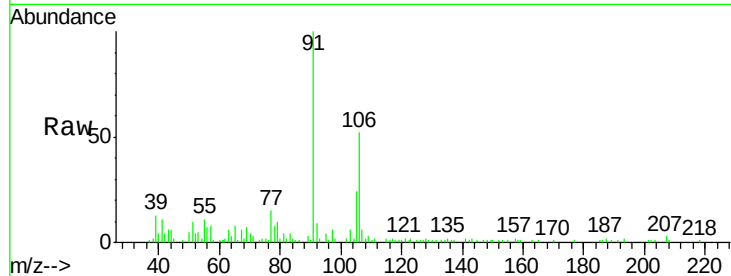




#68
m/p-Xylenes
Concen: 1.135 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

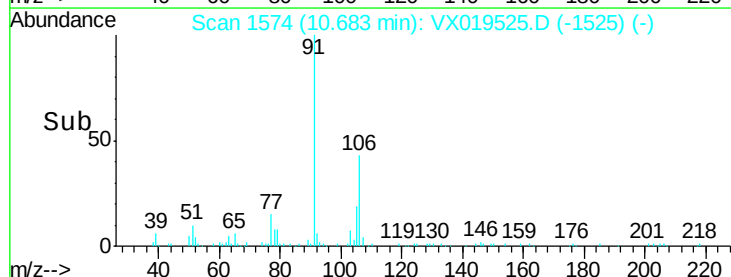
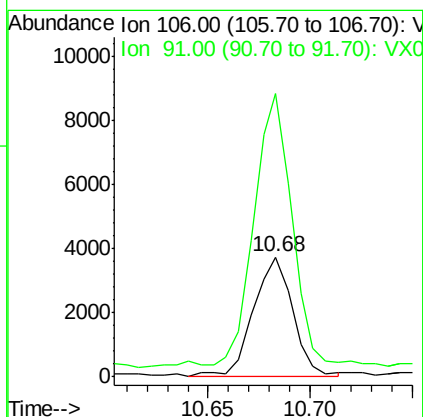
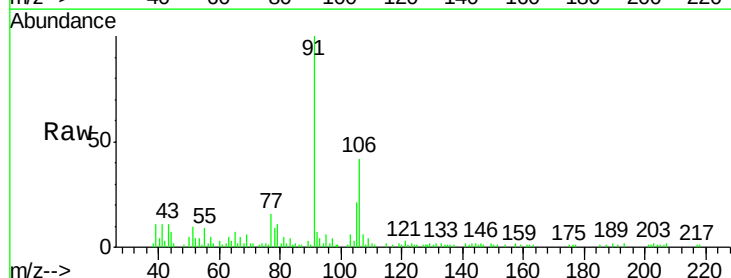
Instrument :
MSVOA_X
ClientSampleId :
1643

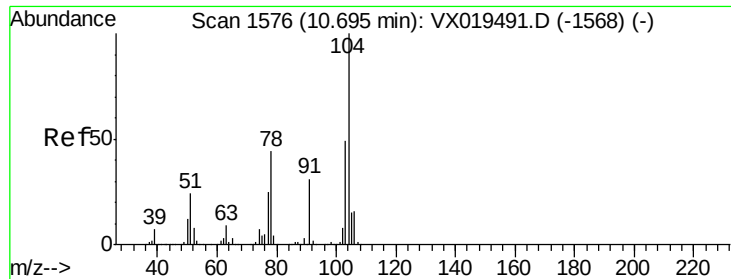
Tot Ion:106 Resp: 7198
Ion Ratio Lower Upper
106 100
91 177.4 163.3 244.9



#69
o-Xylene
Concen: 0.836 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

Tgt Ion:106 Resp: 5069
Ion Ratio Lower Upper
106 100
91 216.6 108.0 324.0





#70

Stvrene

Concen: 1.725 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampled :

1643

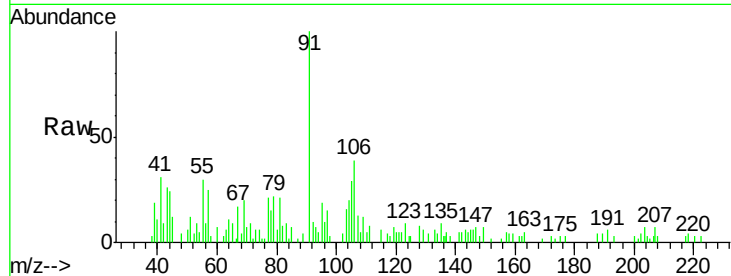
Tot Ion:104 Resp: 915

Ion Ratio Lower Upper

104 100

78 126.1 39.5 59.3#

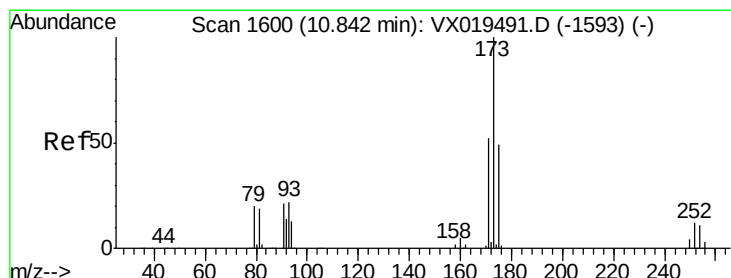
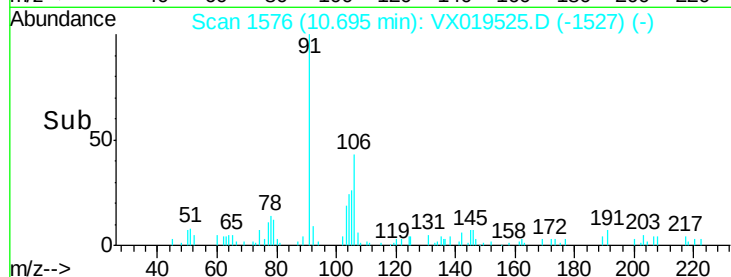
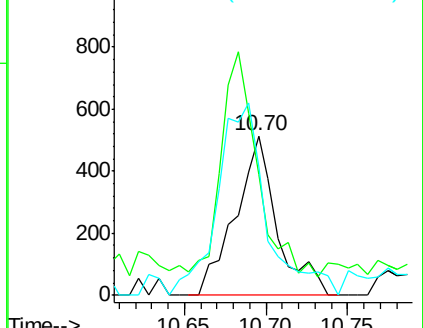
103 141.7 43.6 65.4#



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: 3.642 ug/l

RT: 10.83 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

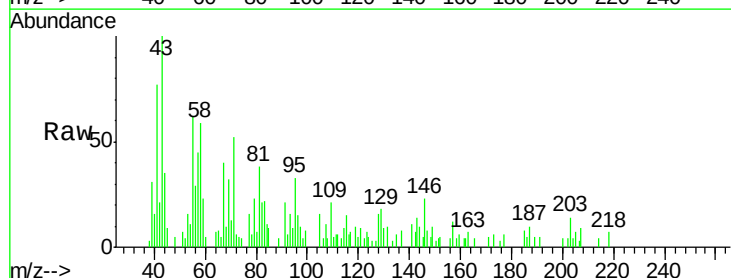
Tgt Ion:173 Resp: 125

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.8#

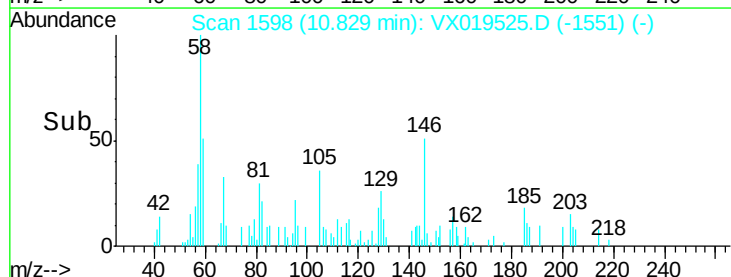
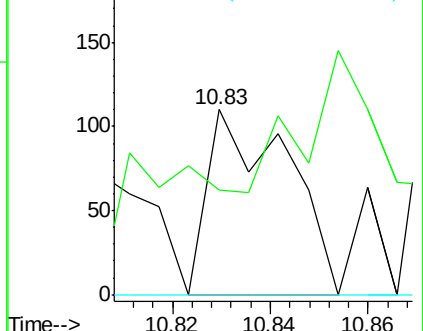
254 0.0 0.1 0.1#

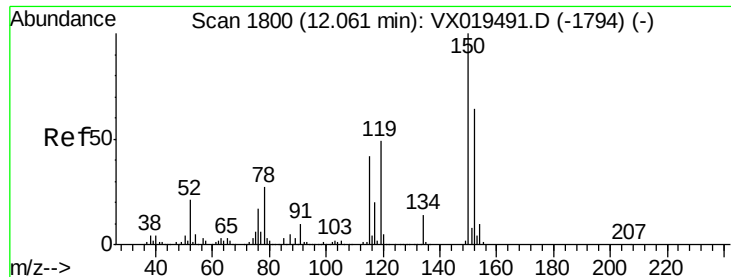


Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

1643

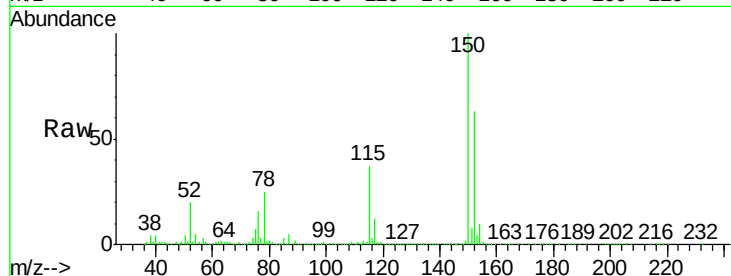
Tot Ion:152 Resp: 216392

Ion Ratio Lower Upper

152 100

115 60.7 41.8 125.4

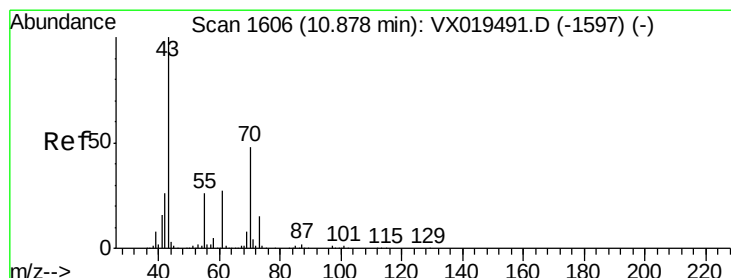
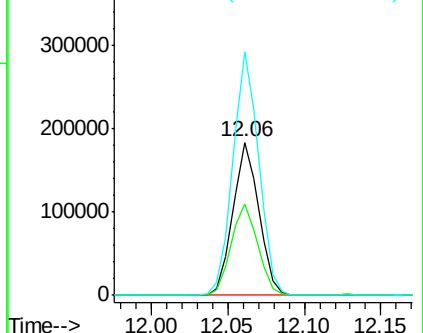
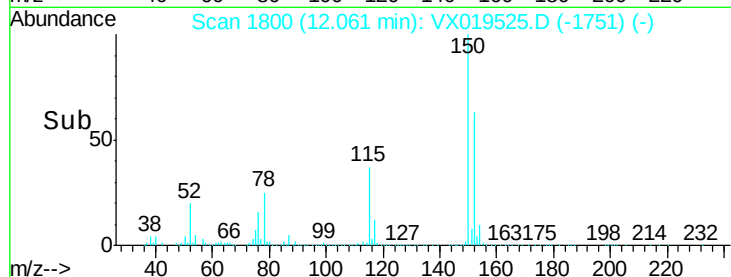
150 159.1 0.0 348.2



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



#74

N-ethyl acetate

Concen: 0.959 ug/l

RT: 10.92 min Scan# 1613

Delta R.T. 0.04 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Tgt Ion: 43 Resp: 5382

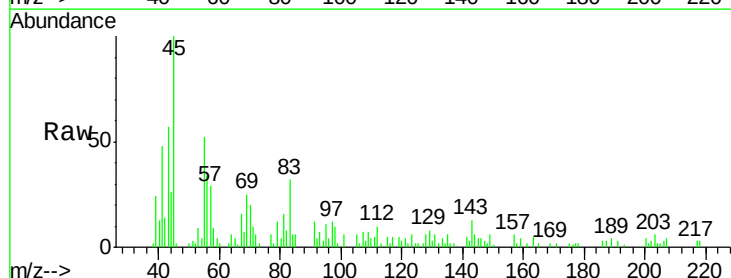
Ion Ratio Lower Upper

43 100

70 35.7 39.7 59.5#

55 0.0 21.8 32.6#

61 0.0 22.2 33.4#

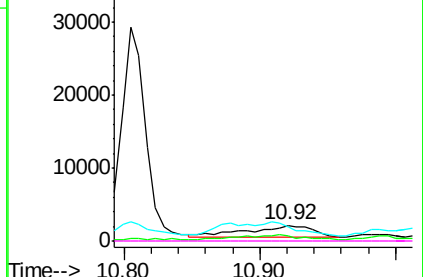
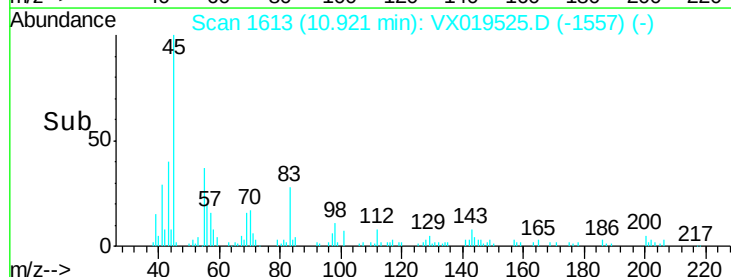


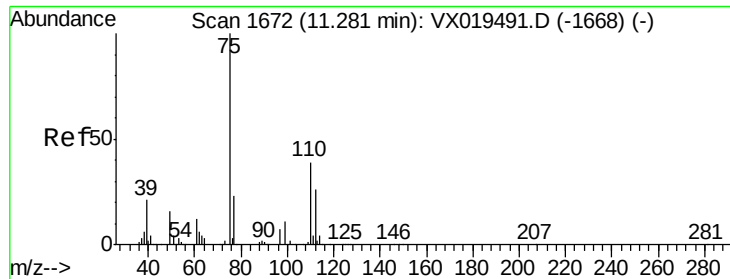
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#76

1,2,3-Trichloropropane

Concen: 23.603 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampleId :

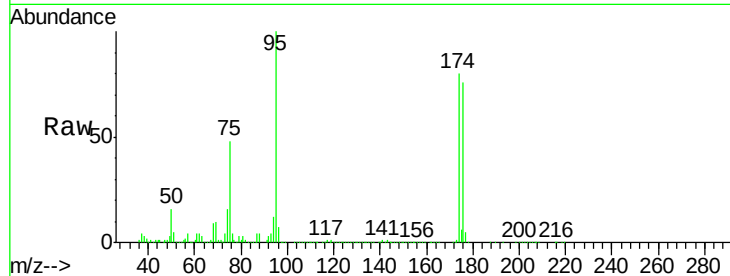
1643

Tot Ion: 75 Resp: 111463

Ion Ratio Lower Upper

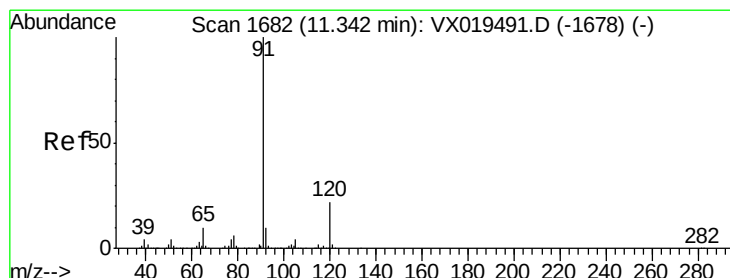
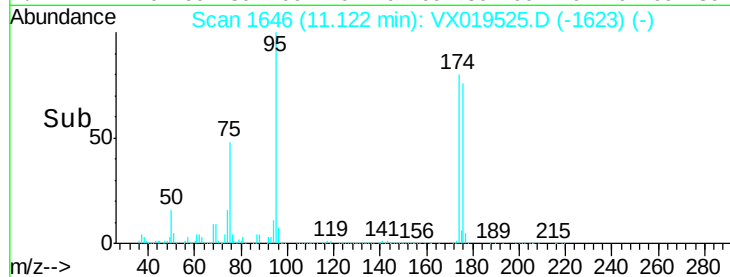
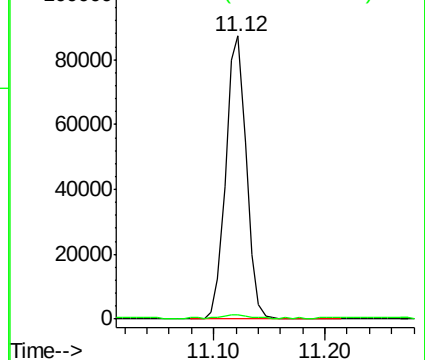
75 100

77 1.5 20.0 60.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.366 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019525.D

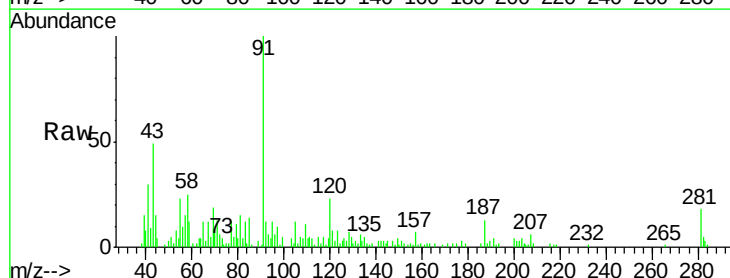
Acq: 21 Nov 2020 04:20

Tgt Ion: 91 Resp: 6278

Ion Ratio Lower Upper

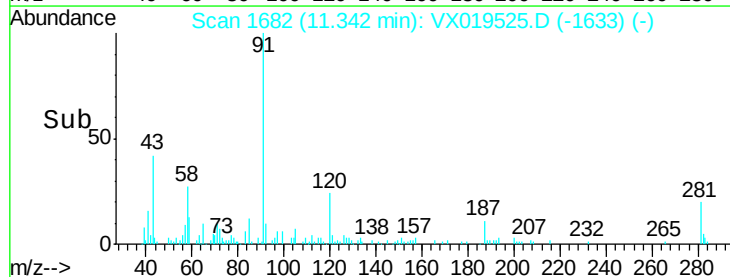
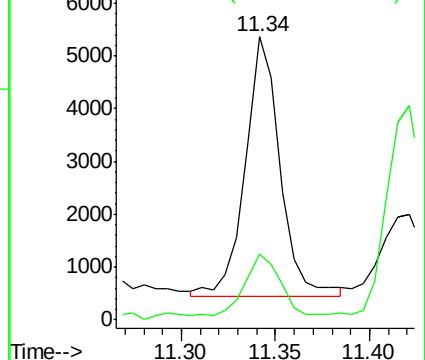
91 100

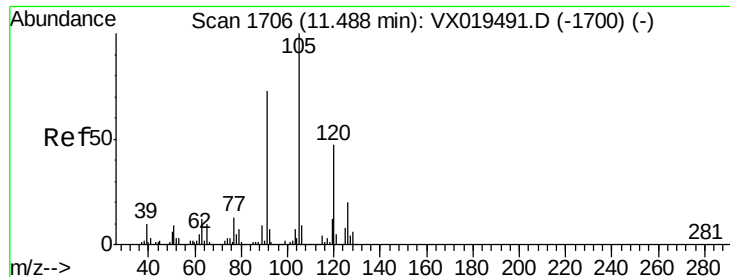
120 26.5 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.733 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampled :

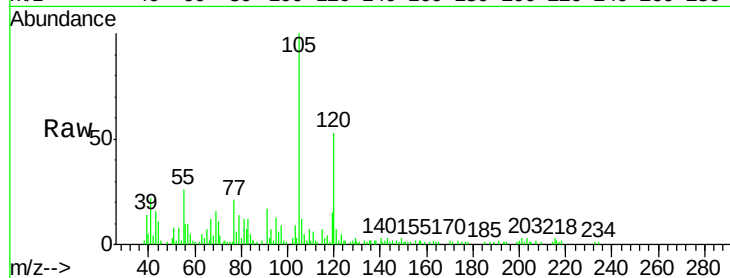
1643

Tot Ion:105 Resp: 9209

Ion Ratio Lower Upper

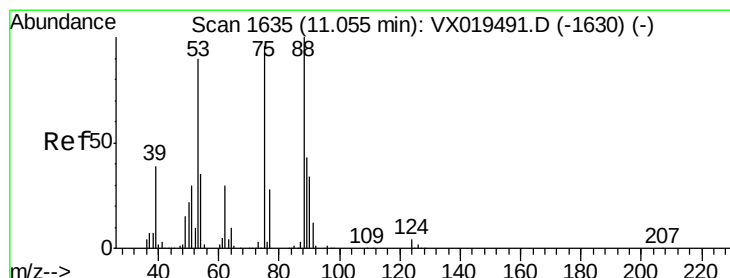
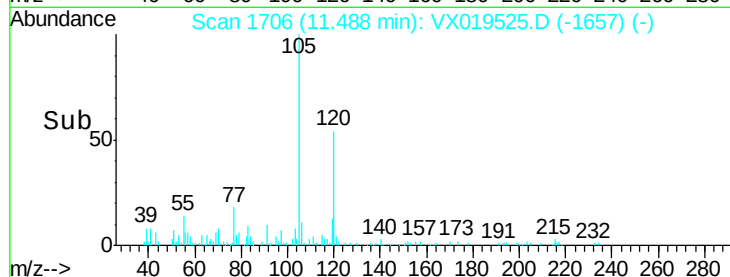
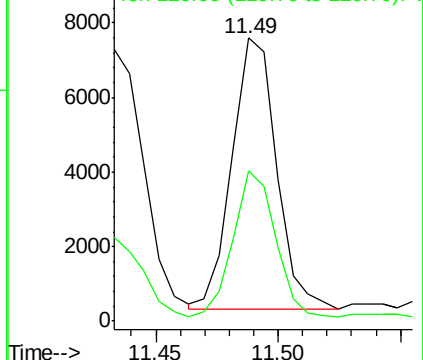
105 100

120 50.7 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: 62.586 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

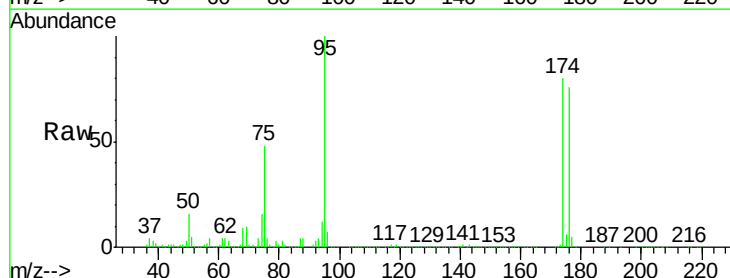
Tgt Ion: 75 Resp: 111463

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

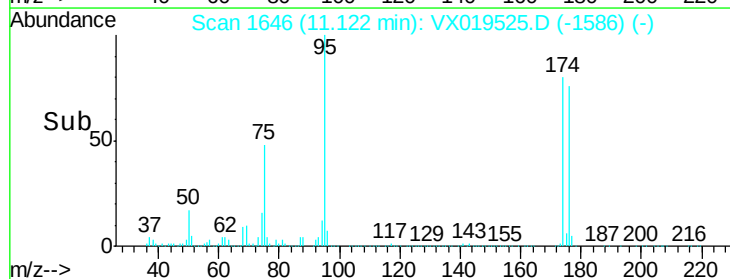
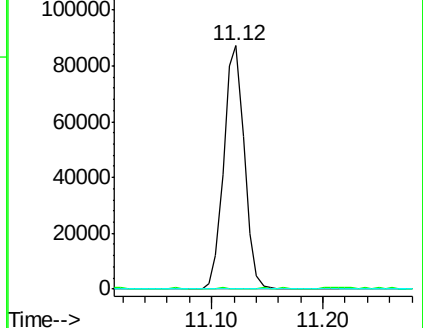
89 0.0 37.3 55.9#

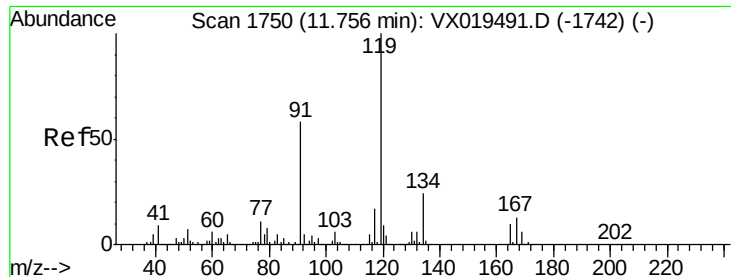


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#83

tert-Butylbenzene

Concen: 0.802 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.26 min

Lab File: VX019525.D

Acq: 21 Nov 2020 04:20

Instrument :

MSVOA_X

ClientSampled :

1643

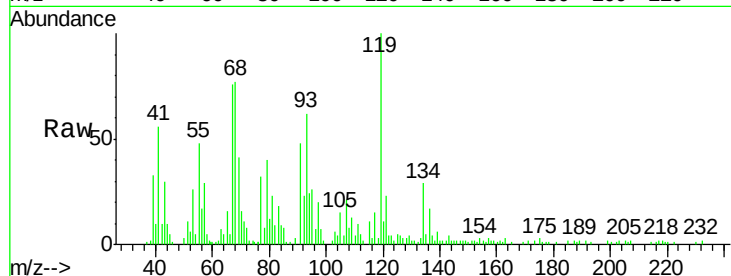
Tot Ion:119 Resp: 9742

Ion Ratio Lower Upper

119 100

91 50.0 28.9 86.8

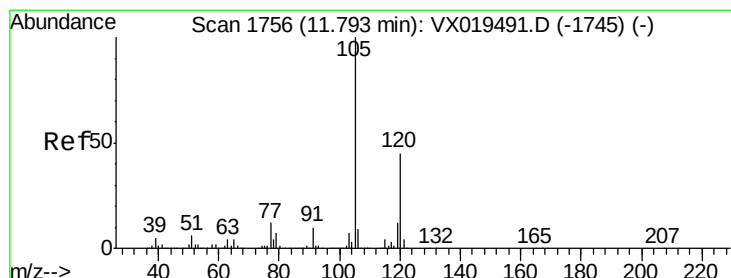
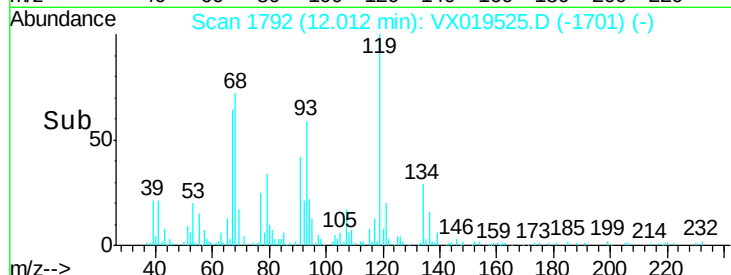
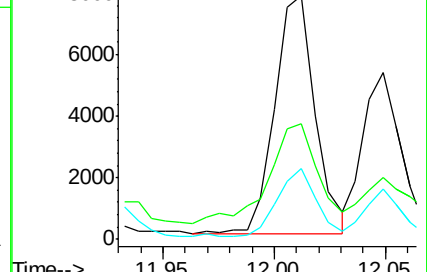
134 27.5 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.301 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019525.D

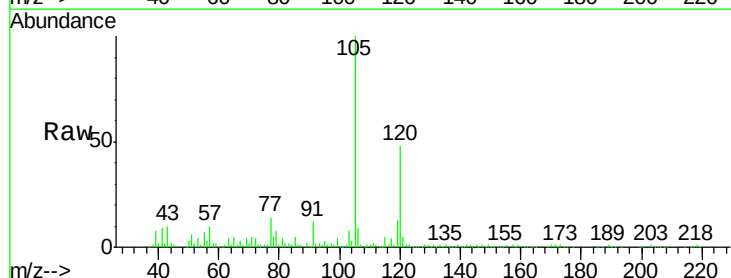
Acq: 21 Nov 2020 04:20

Tgt Ion:105 Resp: 41938

Ion Ratio Lower Upper

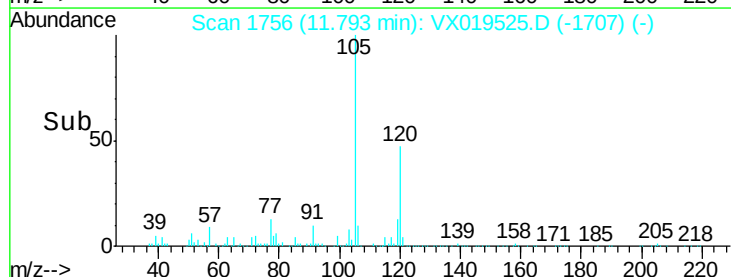
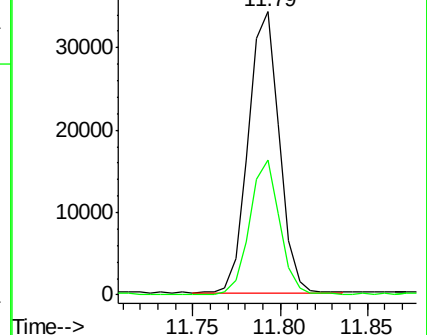
105 100

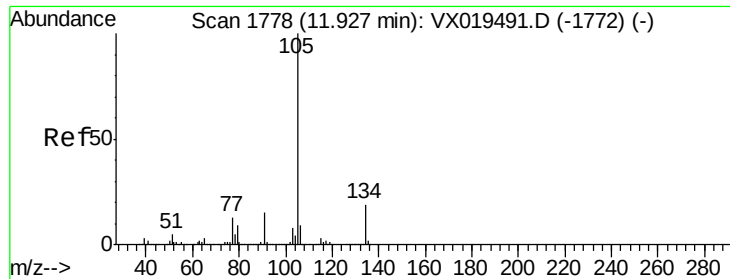
120 45.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

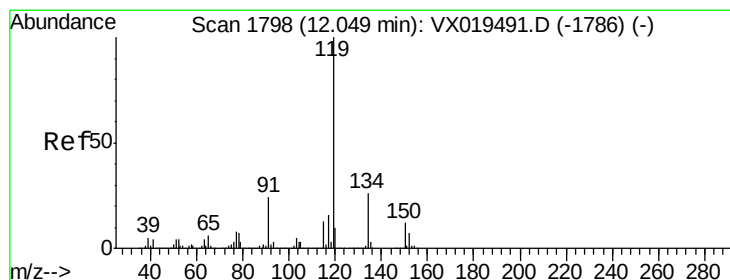
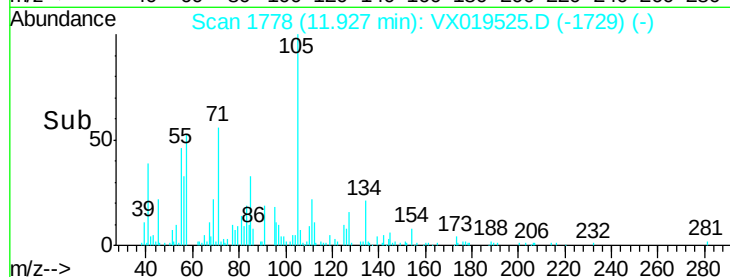
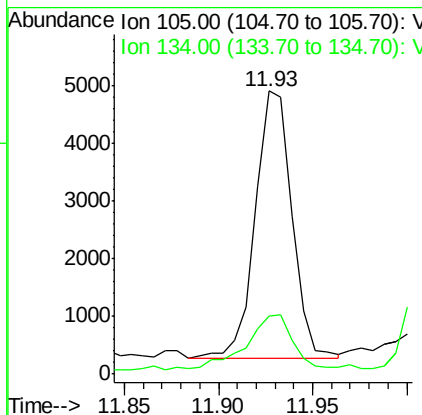
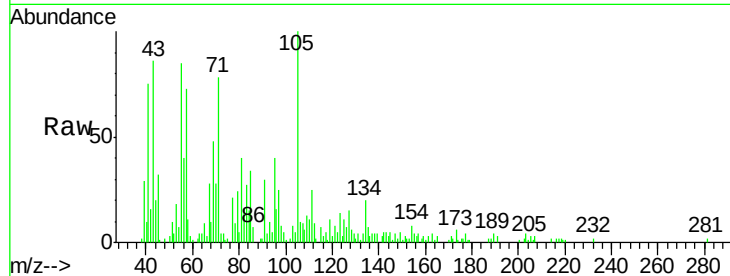




#85
 sec-Butylbenzene
 Concen: 0.436 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019525.D
 Acq: 21 Nov 2020 04:20

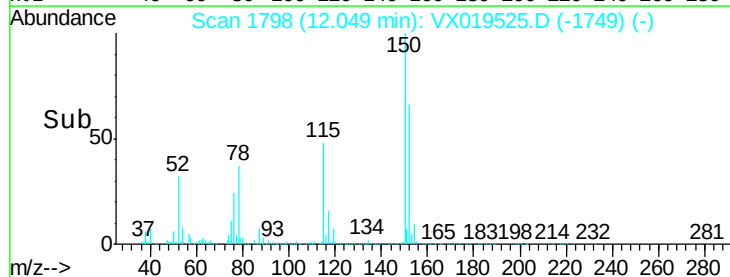
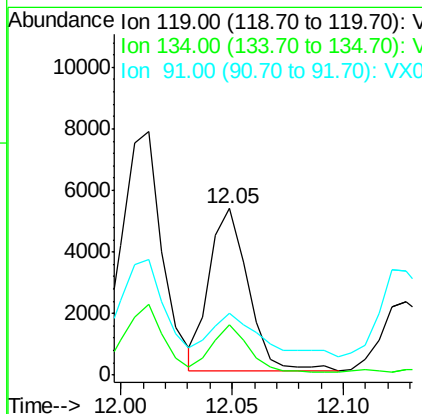
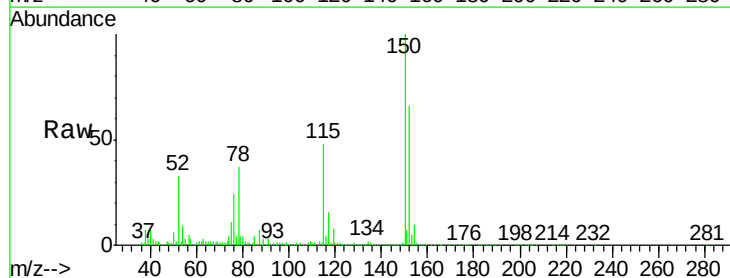
Instrument :
 MSVOA_X
 ClientSampled :
 1643

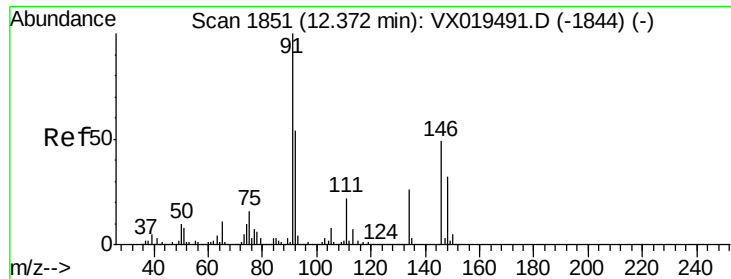
Tot Ion:105 Resp: 6307
 Ion Ratio Lower Upper
 105 100
 134 24.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 0.483 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019525.D
 Acq: 21 Nov 2020 04:20

Tgt Ion:119 Resp: 6335
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.1 39.3
 91 34.0 11.8 35.4

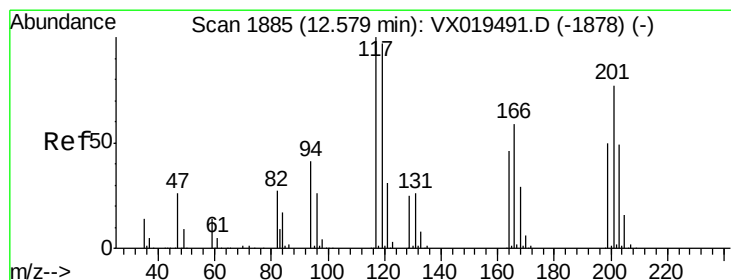
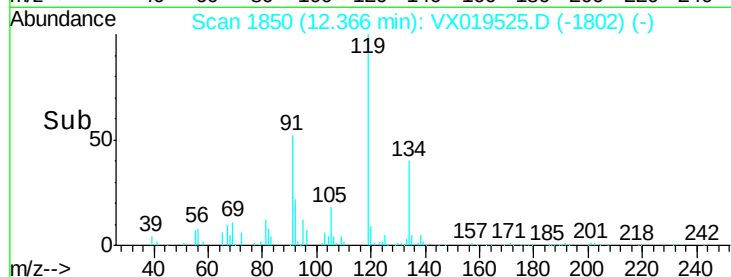
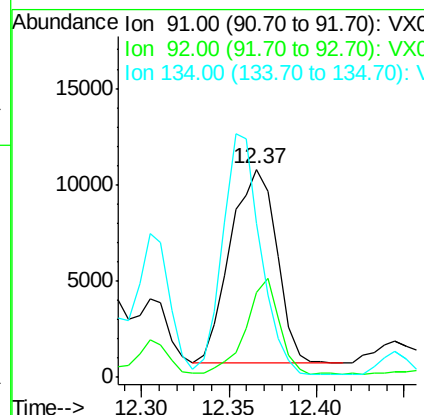
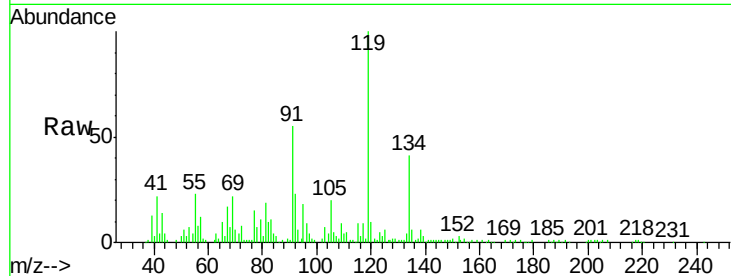




#89
n-Butylbenzene
Concen: 1.548 ug/l
RT: 12.37 min Scan# 1850
Delta R.T. -0.01 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

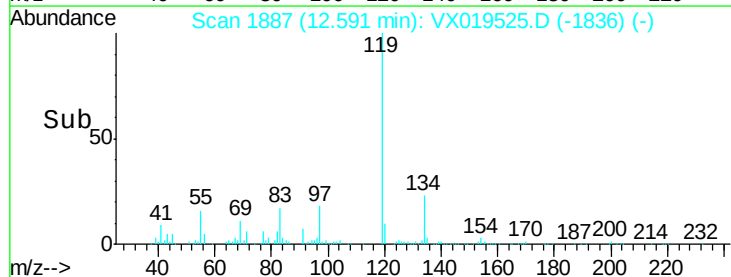
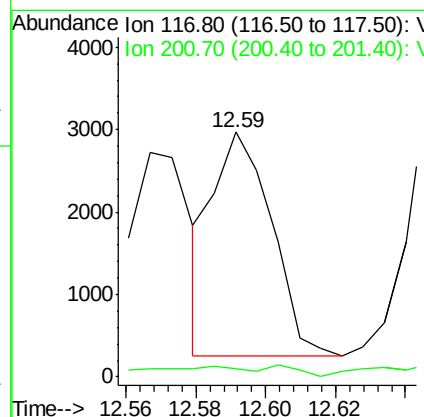
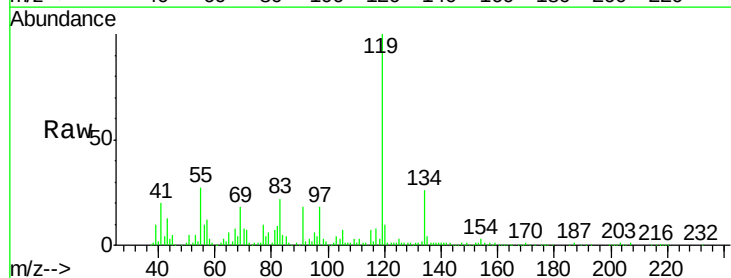
Instrument :
MSVOA_X
ClientSampled :
1643

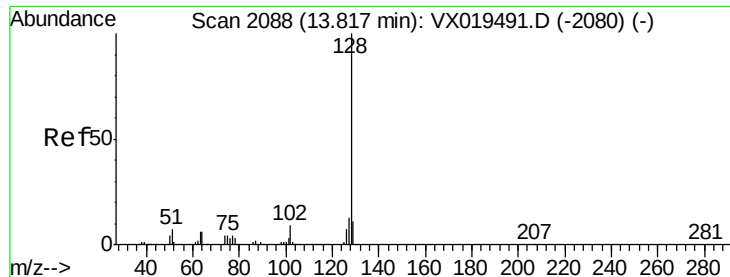
Tot Ion: 91 Resp: 18363
Ion Ratio Lower Upper
91 100
92 36.6 26.9 80.6
134 102.3 12.9 38.6#



#90
Hexachloroethane
Concen: 1.440 ug/l
RT: 12.59 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

Tgt Ion: 117 Resp: 3162
Ion Ratio Lower Upper
117 100
201 0.0 39.4 118.2#

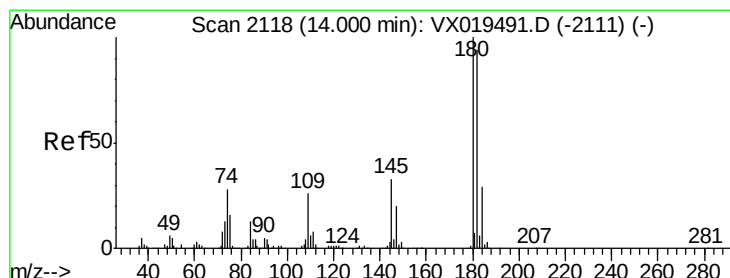
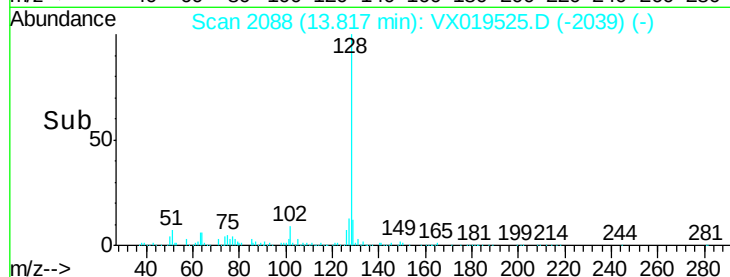
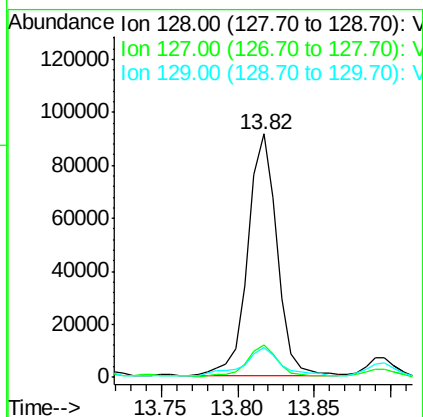
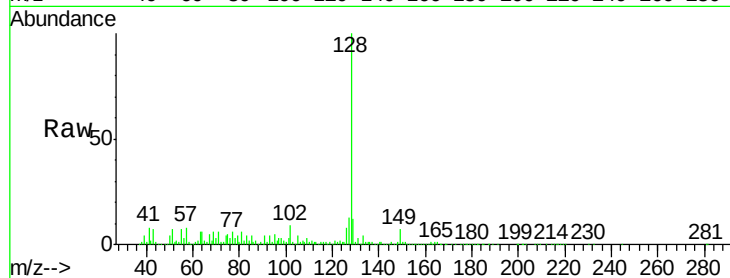




#95
Naphthalene
Concen: 9.433 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

Instrument :
MSVOA_X
ClientSampleId :
1643

Tot Ion:128 Resp: 121063
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 14.8 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.281 ug/l
RT: 14.02 min Scan# 2121
Delta R.T. 0.02 min
Lab File: VX019525.D
Acq: 21 Nov 2020 04:20

Tgt Ion:180 Resp: 1272
Ion Ratio Lower Upper
180 100
182 29.2 48.1 144.3#
145 1650.2 16.6 49.8#

