

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021164.D
 Acq On : 11 Mar 2021 18:22
 Operator : JC/MD
 Sample : M1647-21 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 02:23:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	197455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	358775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	362082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	165915	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	132571	49.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.42%
35) Dibromofluoromethane	5.464	113	113438	52.04	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.08%
50) Toluene-d8	8.694	98	460957	54.23	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.46%
62) 4-Bromofluorobenzene	11.118	95	178837	56.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.80%

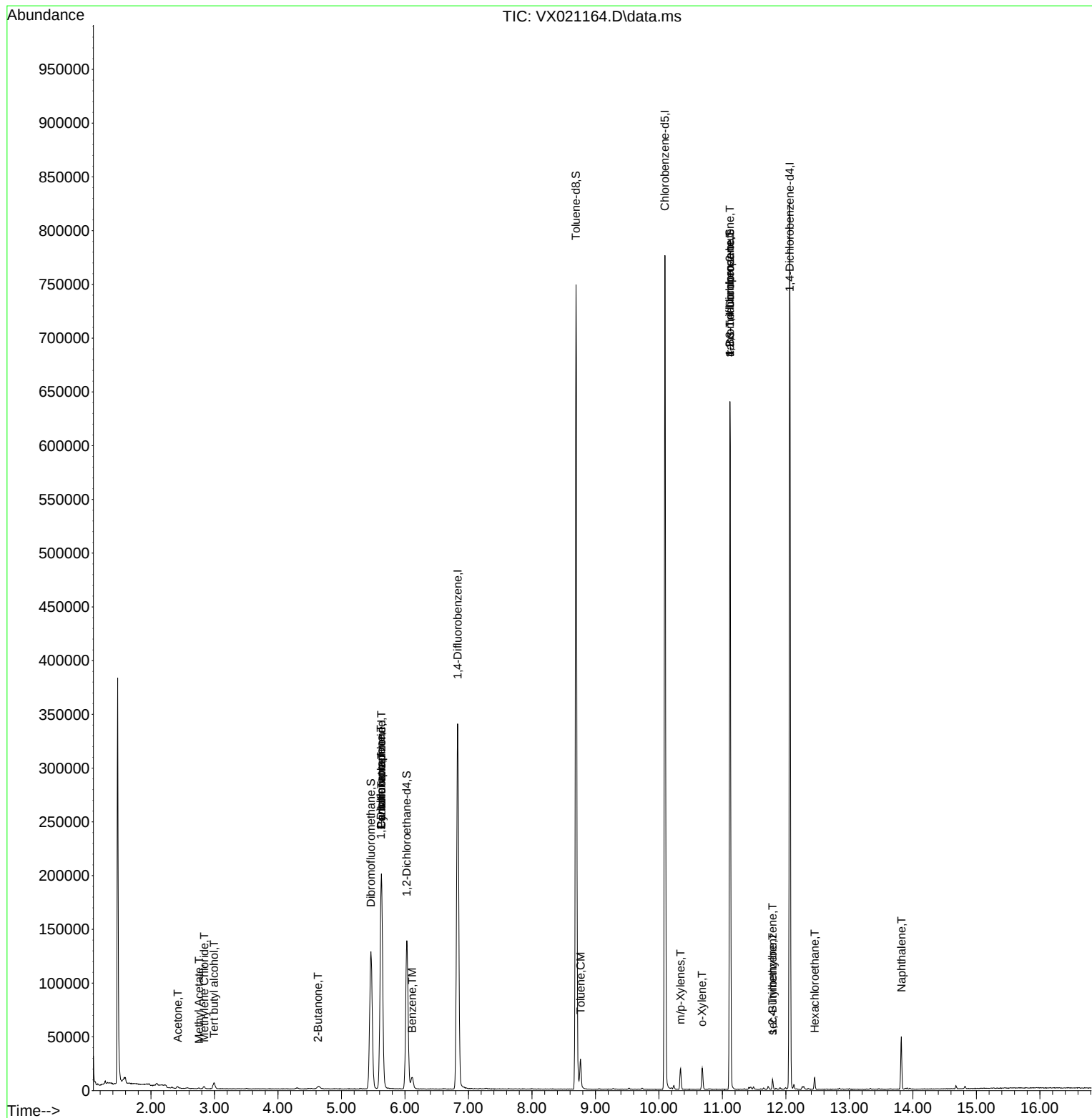
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.634	94	261	Below Cal	#	70
11) Tert butyl alcohol	2.993	59	3454	5.82	ug/l #	73
16) Acetone	2.423	43	1601	1.46	ug/l	91
18) Methyl Acetate	2.758	43	1004	0.39	ug/l	91
20) Methylene Chloride	2.840	84	976	0.37	ug/l #	90
25) 2-Butanone	4.629	43	596	0.36	ug/l #	45
31) Cyclohexane	5.629	56	3864	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	15701	4.60	ug/l #	47
38) Carbon Tetrachloride	5.629	117	19326	5.85	ug/l #	16
40) Benzene	6.111	78	13301	1.30	ug/l	99
52) Toluene	8.765	92	9440	1.48	ug/l	99
68) m/p-Xylenes	10.341	106	4534	0.89	ug/l	97
69) o-Xylene	10.677	106	4129	0.83	ug/l	95
76) 1,2,3-Trichloropropane	11.118	75	84613	23.71	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	84613	52.48	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.789	105	3950	0.36	ug/l	96
85) sec-Butylbenzene	11.789	105	3950	0.32	ug/l #	57
90) Hexachloroethane	12.453	117	445	0.20	ug/l #	9
95) Naphthalene	13.818	128	29539	2.43	ug/l	98

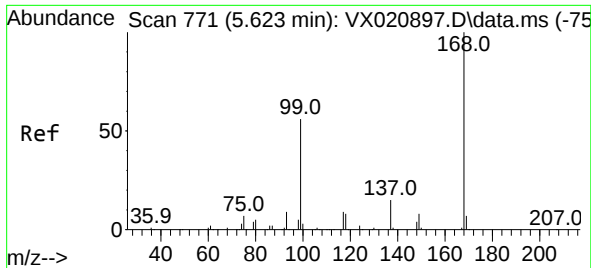
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX021164.D
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 12 02:23:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

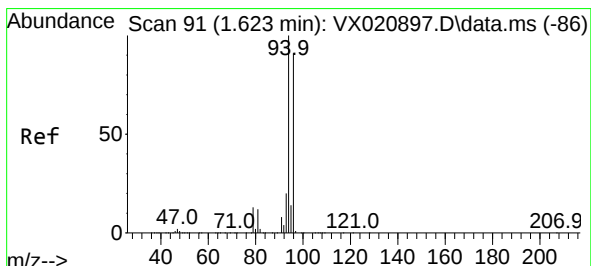
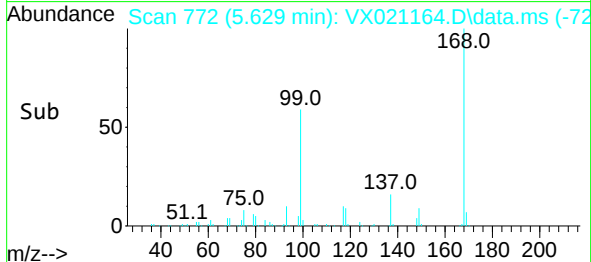
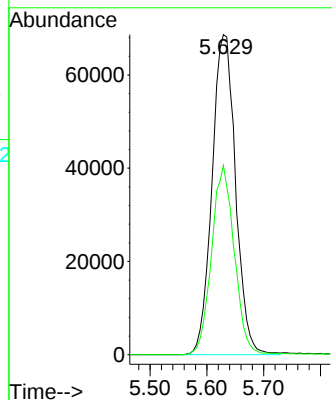
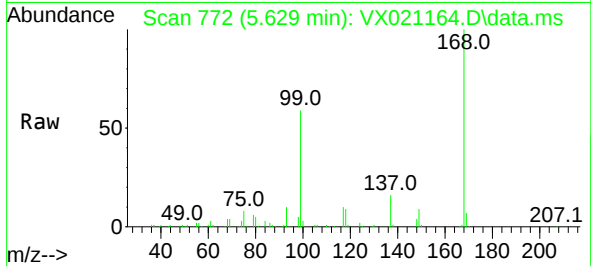




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

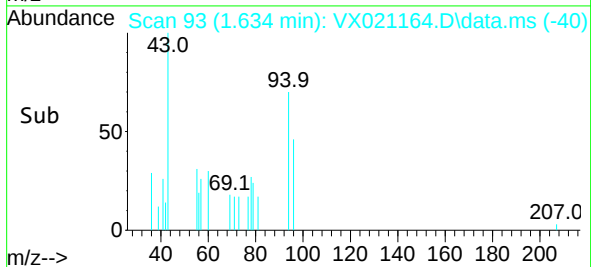
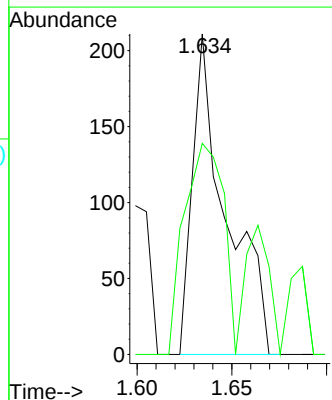
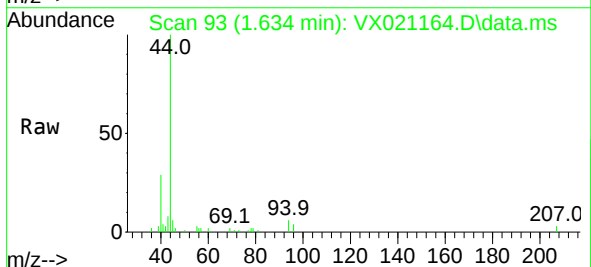
Instrument :
MSVOA_X
ClientSampleId :

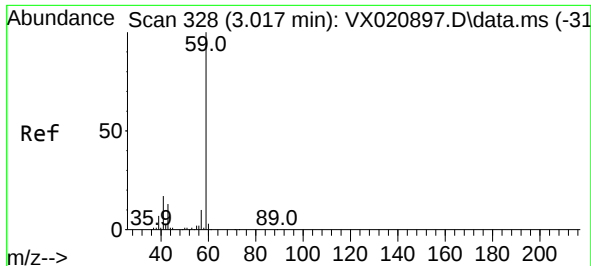
Tgt Ion:168 Resp: 197455
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Tgt Ion: 94 Resp: 261
Ion Ratio Lower Upper
94 100
96 65.9 76.4 114.6#

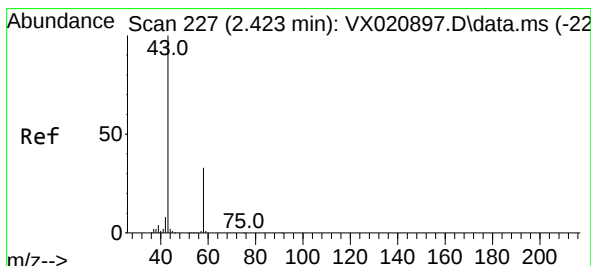
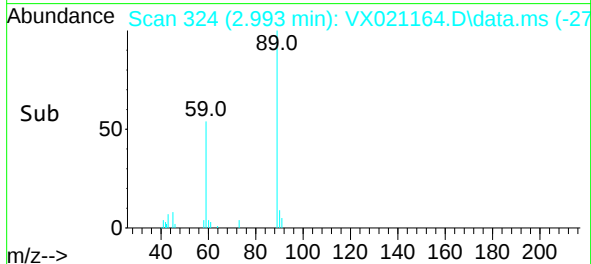
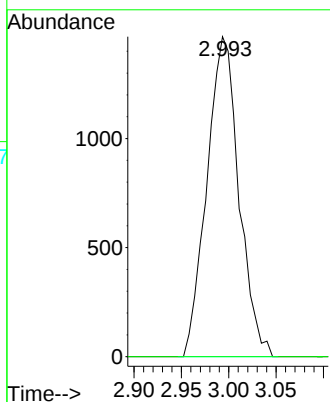
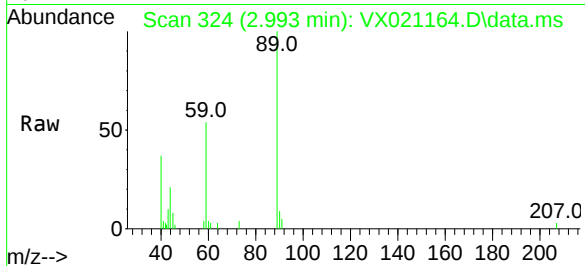




#11
Tert butyl alcohol
Concen: 5.82 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

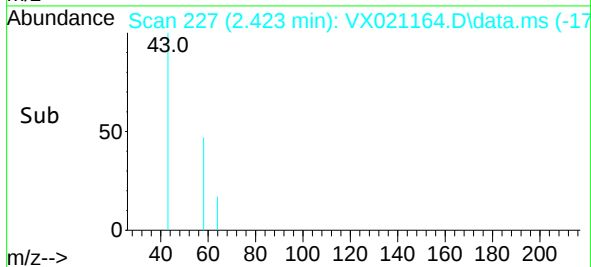
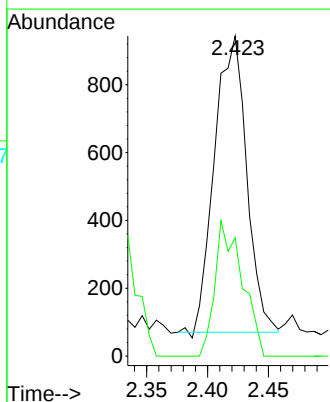
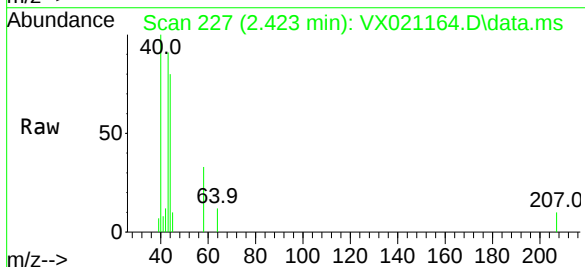
Instrument :
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ClientSampled :

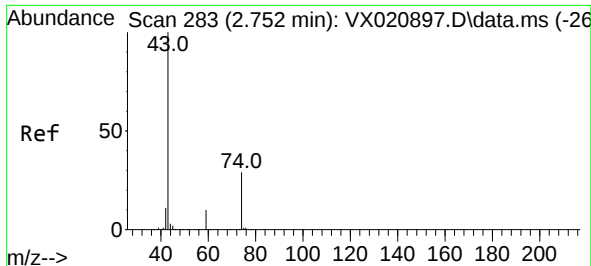
Tgt Ion: 59 Resp: 3454
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.46 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 39.9 27.8 41.8

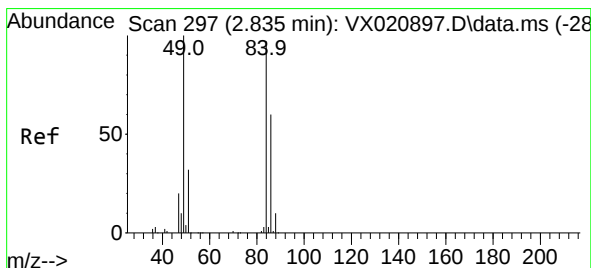
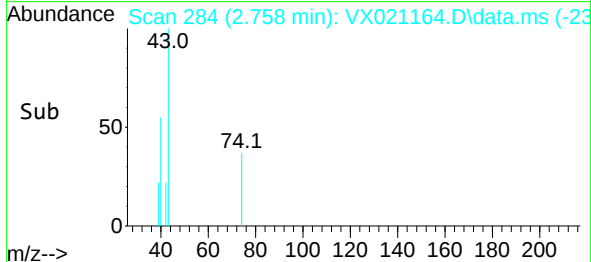
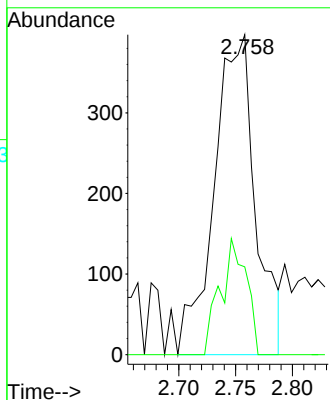
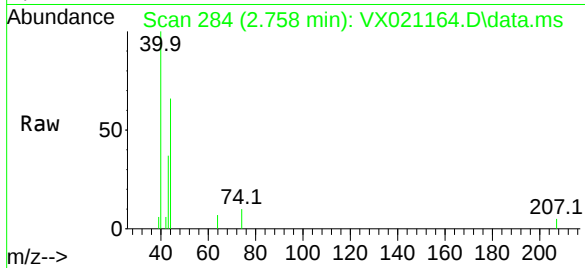




#18
Methyl Acetate
Concen: 0.39 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

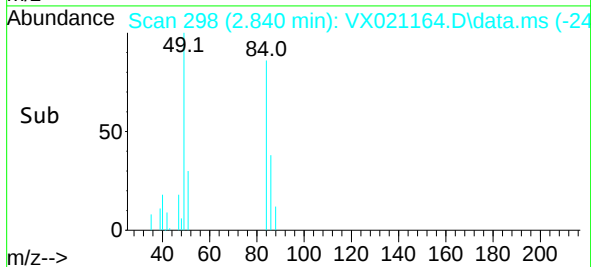
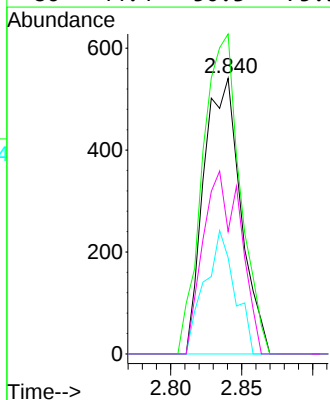
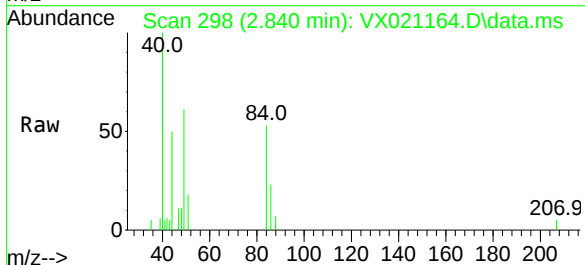
Instrument :
MSVOA_X
ClientSampled :

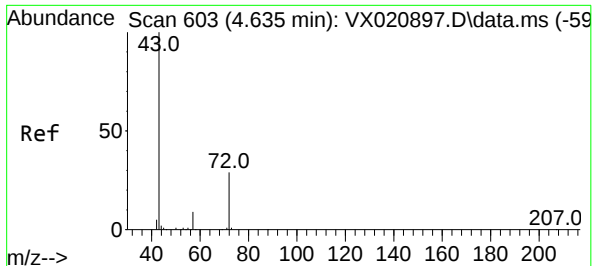
Tgt Ion: 43 Resp: 1004
Ion Ratio Lower Upper
43 100
74 22.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Tgt Ion: 84 Resp: 976
Ion Ratio Lower Upper
84 100
49 116.1 88.6 132.8
51 34.9 27.0 40.6
86 44.4 50.3 75.5#

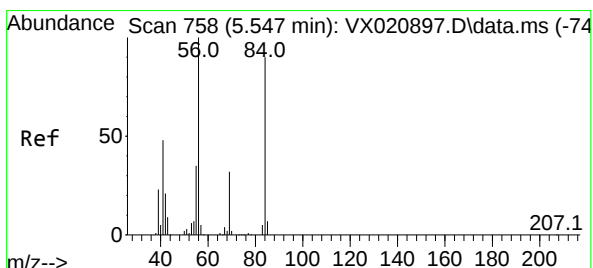
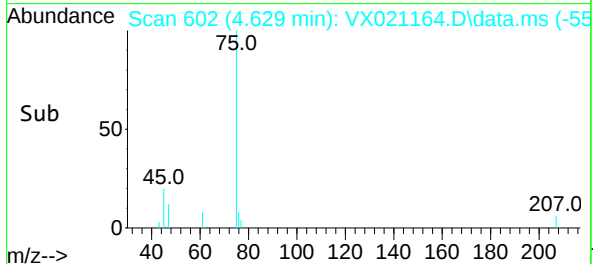
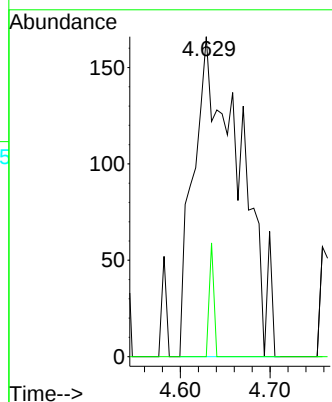
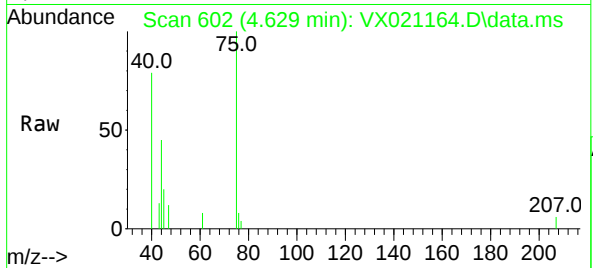




#25
2-Butanone
Concen: 0.36 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

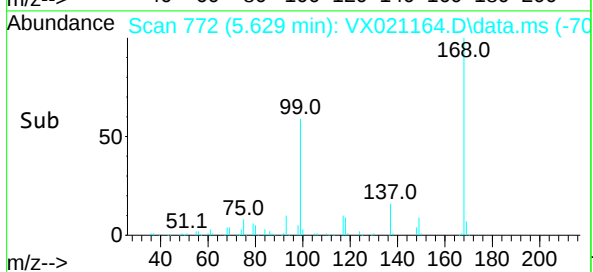
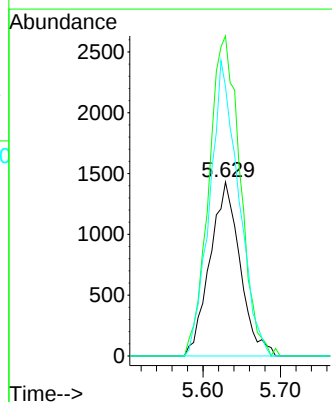
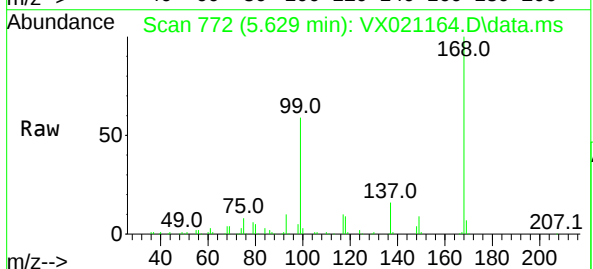
Instrument :
MSVOA_X
ClientSampled :

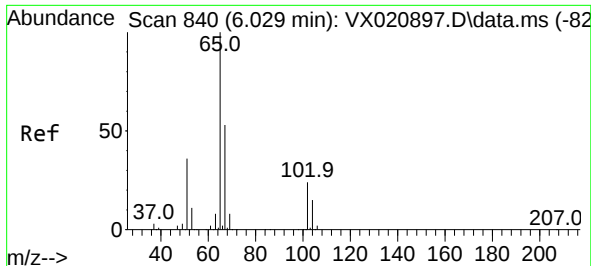
Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Tgt Ion: 56 Resp: 3864
Ion Ratio Lower Upper
56 100
69 184.0 25.3 37.9#
84 154.8 71.4 107.0#

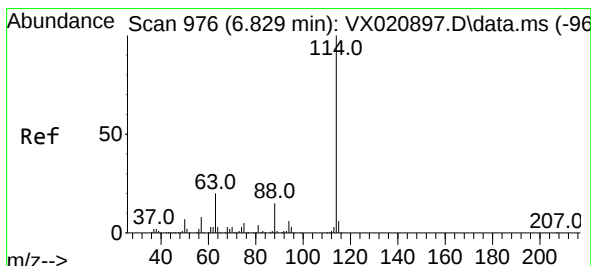
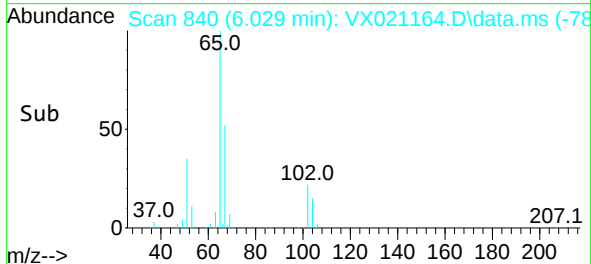
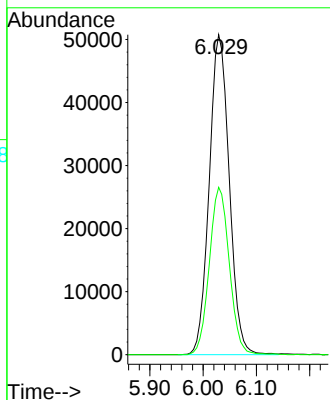
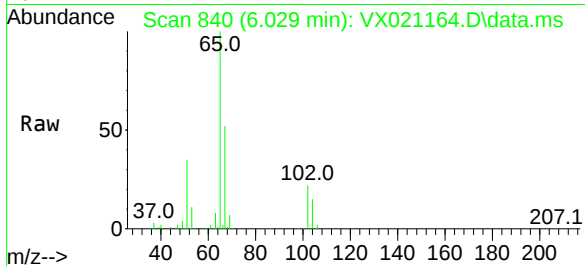




#33
 1,2-Dichloroethane-d4
 Concen: 49.71 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021164.D
 Acq: 11 Mar 2021 18:22

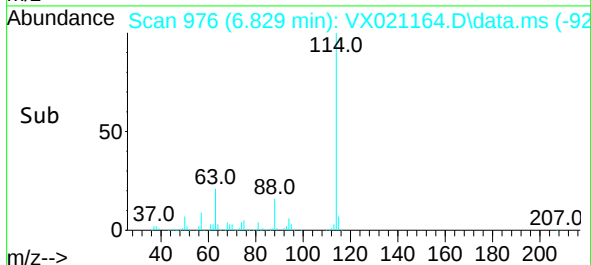
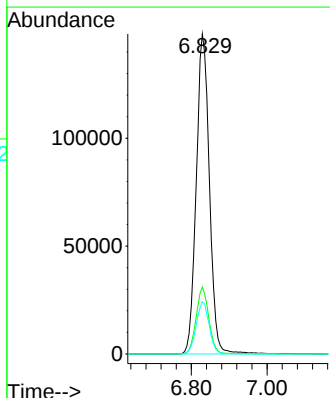
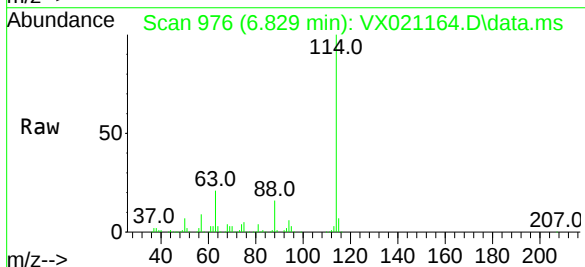
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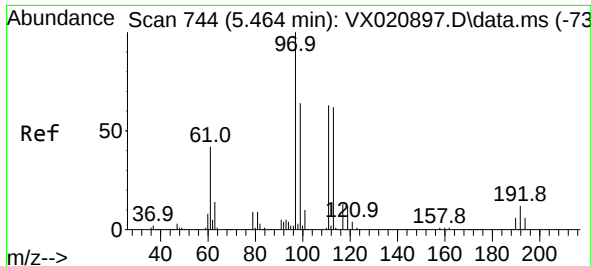
Tgt Ion: 65 Resp: 132571
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021164.D
 Acq: 11 Mar 2021 18:22

Tgt Ion: 114 Resp: 358775
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.3 0.0 32.8

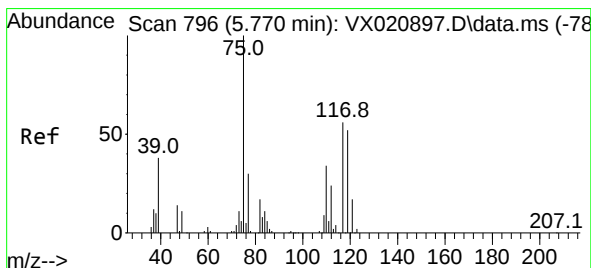
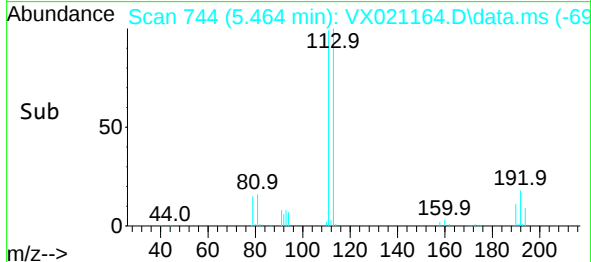
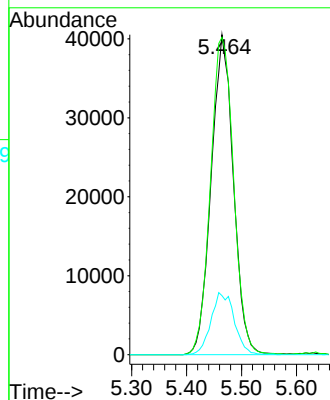
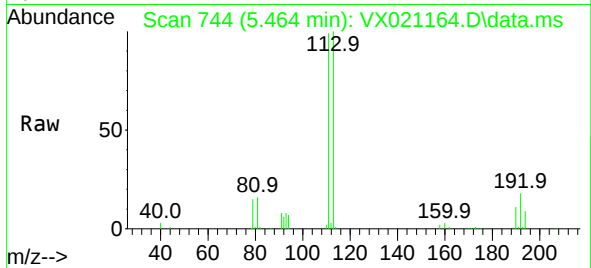




#35
Dibromofluoromethane
Concen: 52.04 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

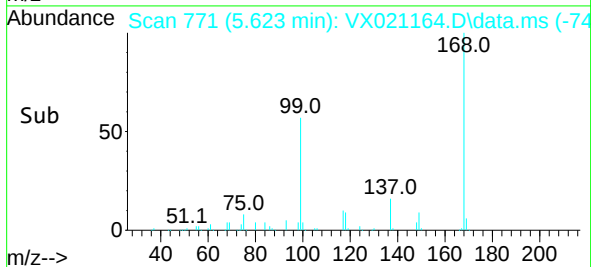
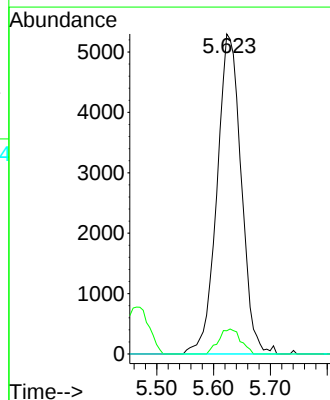
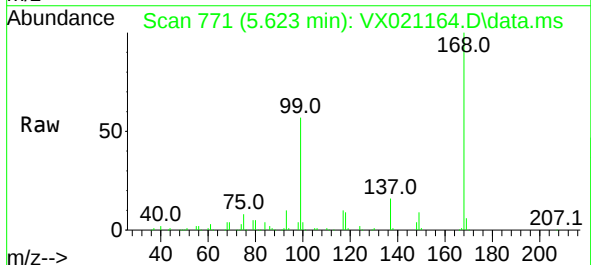
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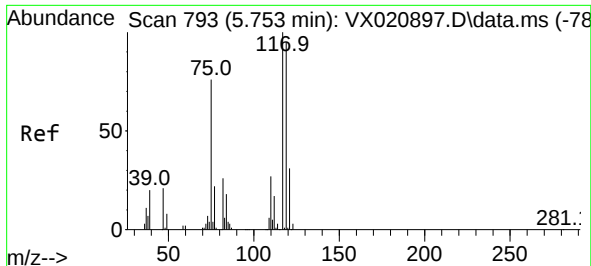
Tgt Ion:113 Resp: 113438
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

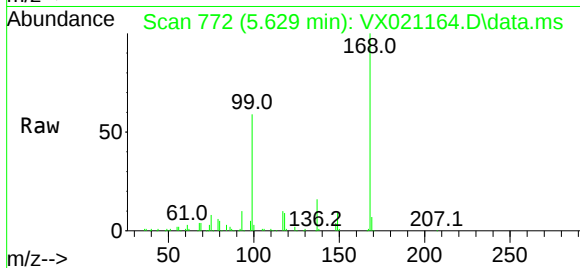
Tgt Ion: 75 Resp: 15701
Ion Ratio Lower Upper
75 100
110 7.1 18.1 54.4#
77 0.0 25.3 37.9#



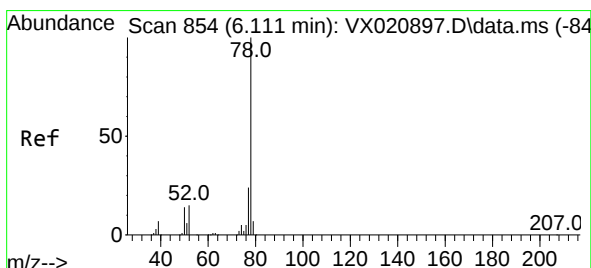
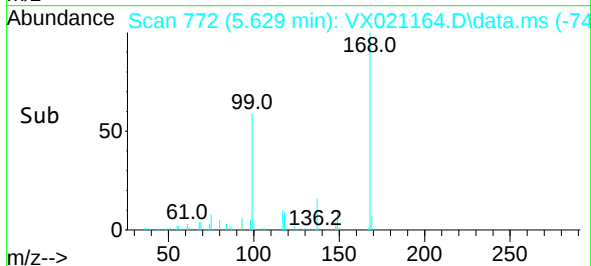
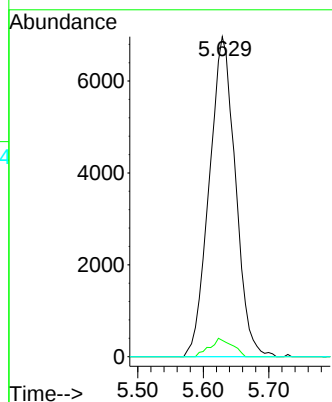


#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Instrument :
MSVOA_X
ClientSampled :

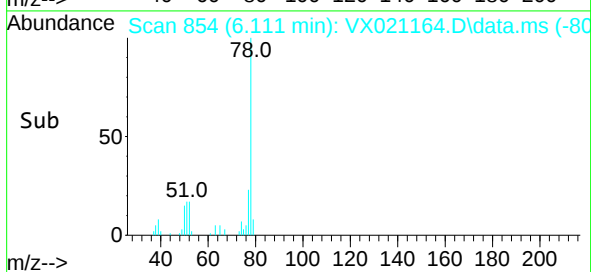
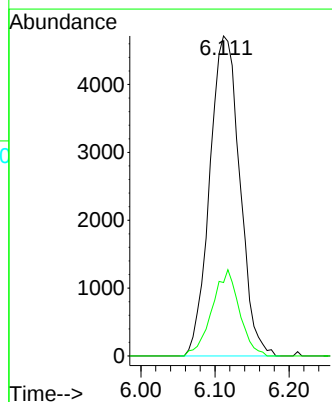
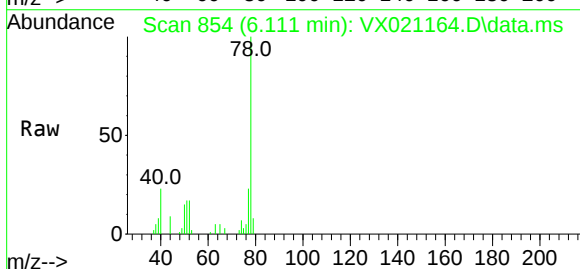


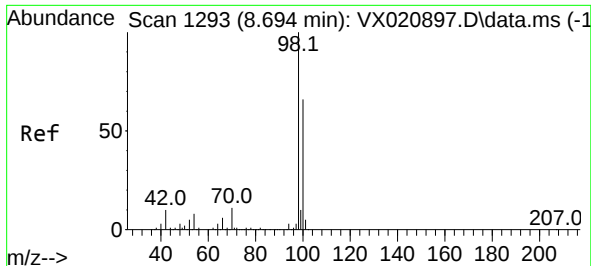
Tgt Ion: 117 Resp: 19326
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 1.30 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Tgt Ion: 78 Resp: 13301
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3

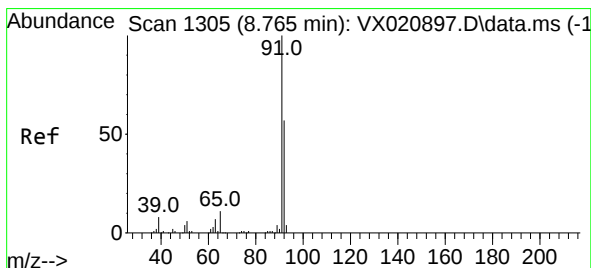
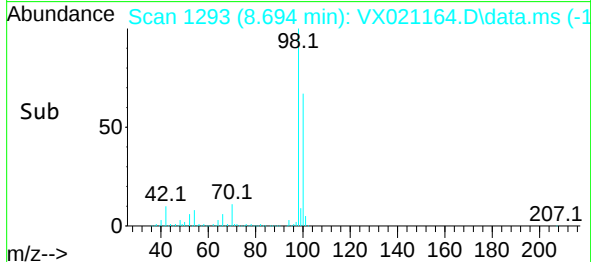
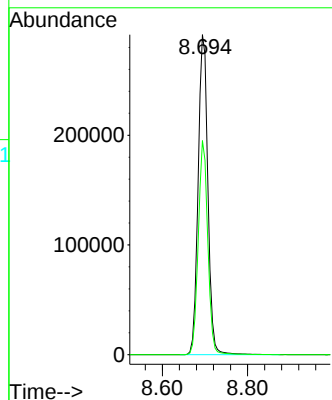
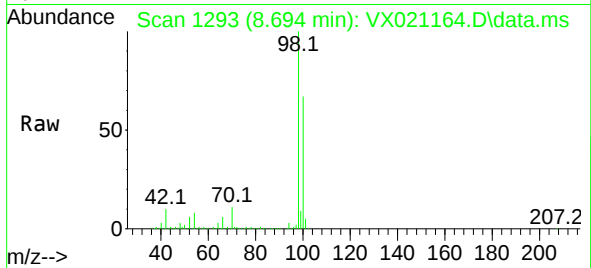




#50
Toluene-d8
Concen: 54.23 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

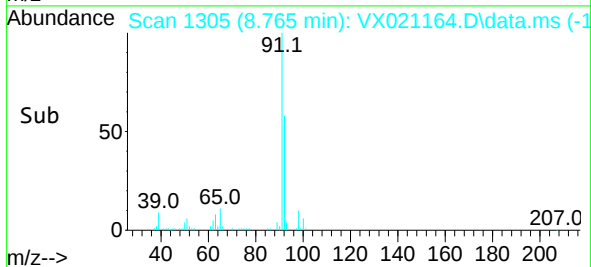
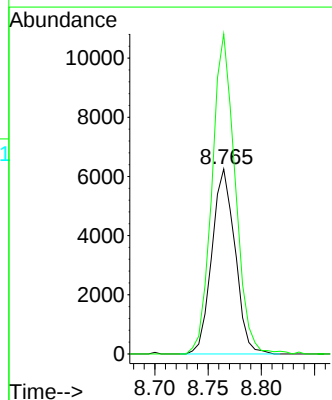
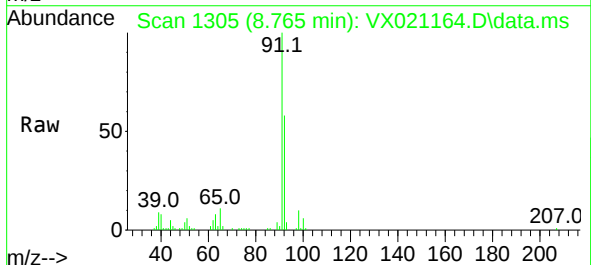
Instrument :
MSVOA_X
ClientSampleId :

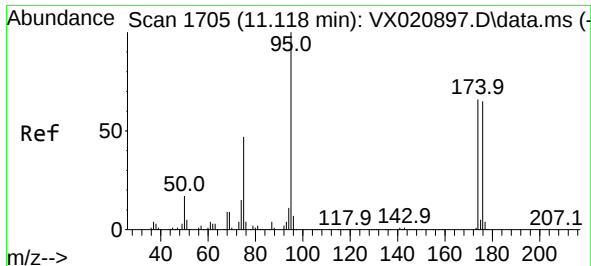
Tgt Ion: 98 Resp: 460957
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#52
Toluene
Concen: 1.48 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Tgt Ion: 92 Resp: 9440
Ion Ratio Lower Upper
92 100
91 173.2 137.1 205.7

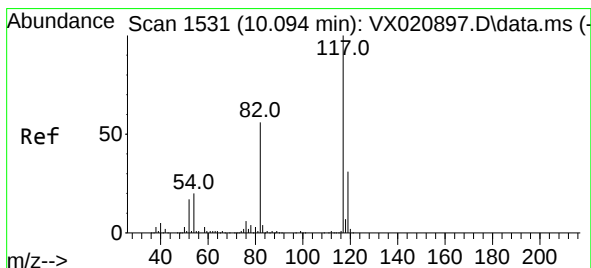
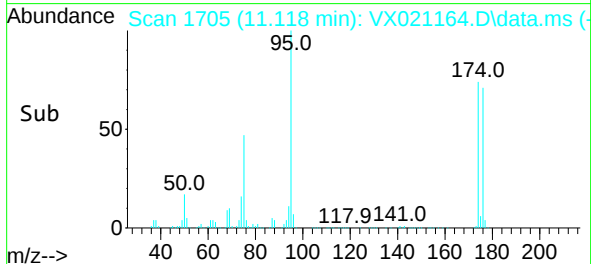
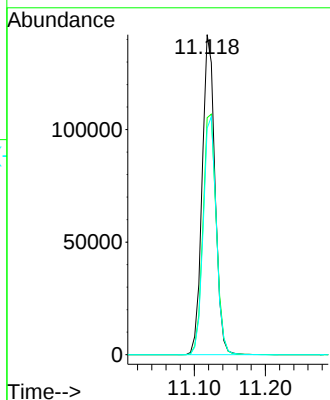
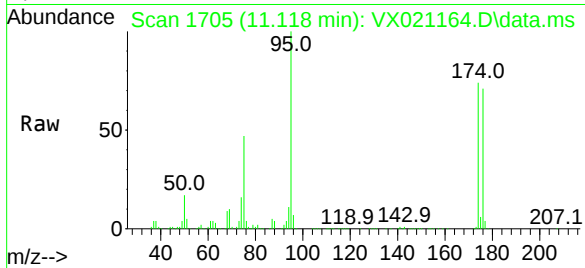




#62
4-Bromofluorobenzene
Concen: 56.90 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

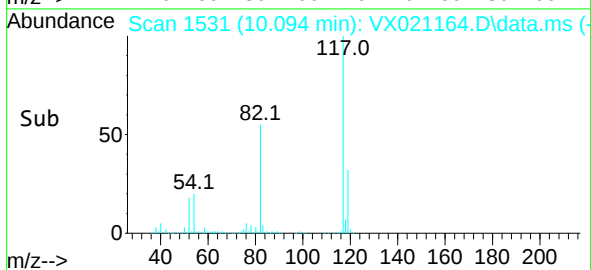
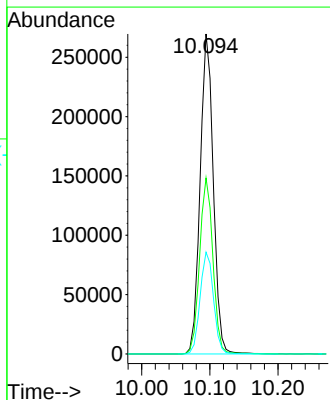
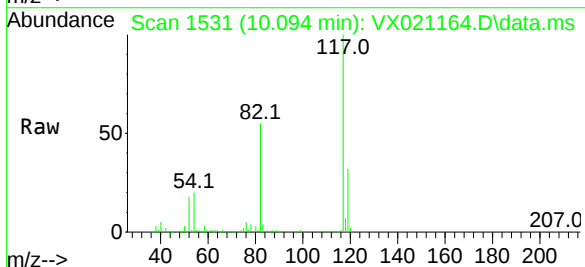
Instrument :
MSVOA_X
ClientSampleId :

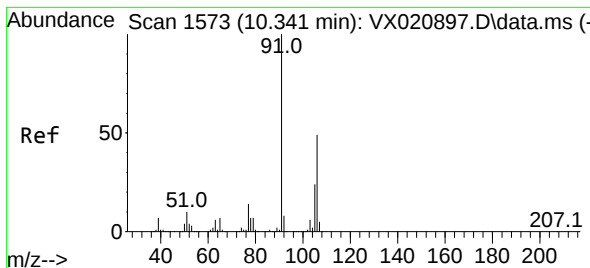
Tgt Ion: 95 Resp: 178837
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 75.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Tgt Ion: 117 Resp: 362082
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 31.8 26.6 39.8

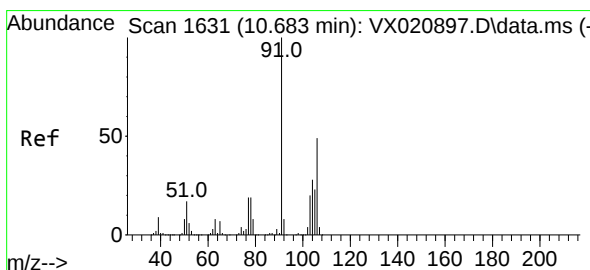
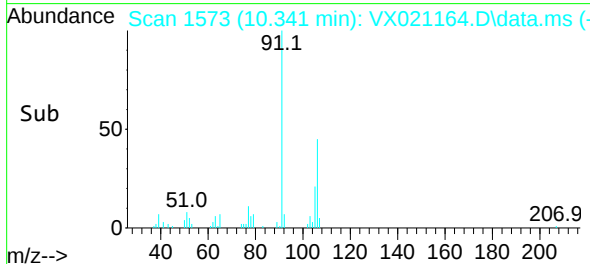
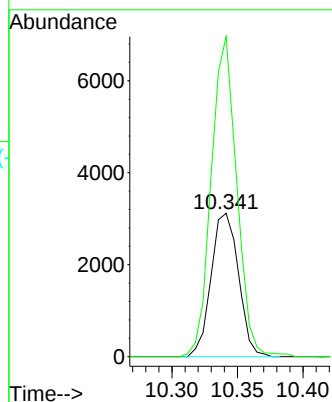
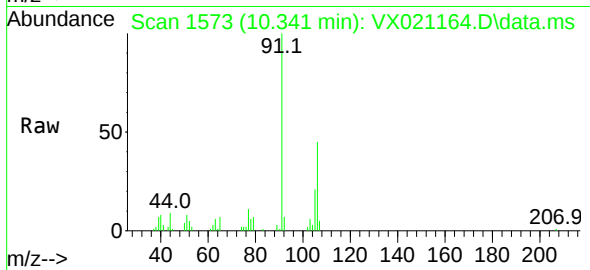




#68
m/p-Xylenes
Concen: 0.89 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

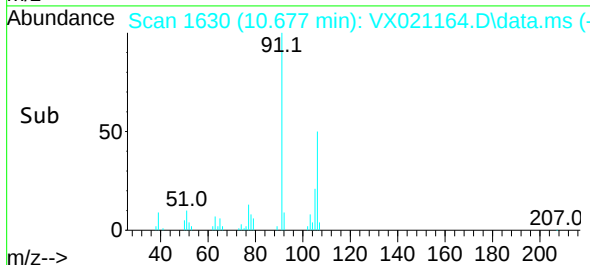
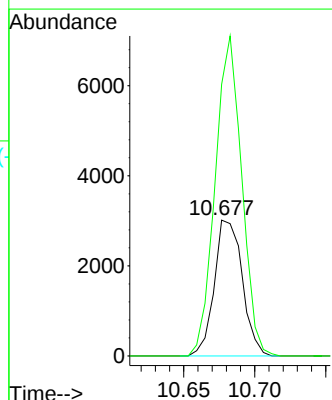
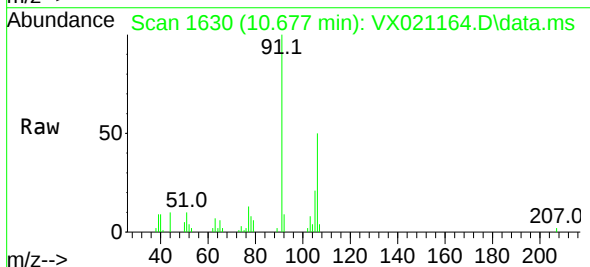
Instrument :
MSVOA_X
ClientSampled :

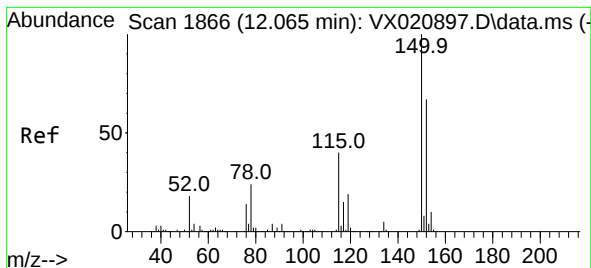
Tgt Ion:106 Resp: 4534
Ion Ratio Lower Upper
106 100
91 207.9 162.8 244.2



#69
o-Xylene
Concen: 0.83 ug/l
RT: 10.677 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Tgt Ion:106 Resp: 4129
Ion Ratio Lower Upper
106 100
91 223.9 108.1 324.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.059 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VX021164.D

Acq: 11 Mar 2021 18:22

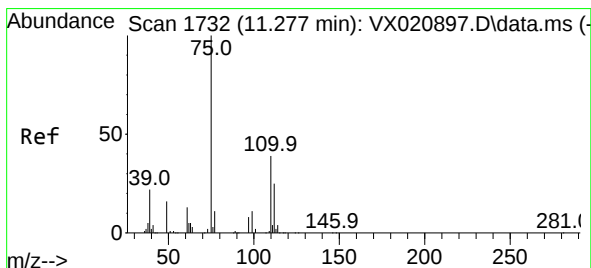
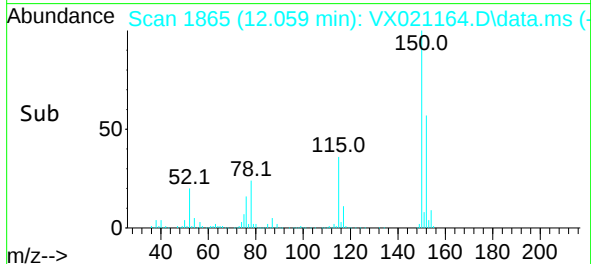
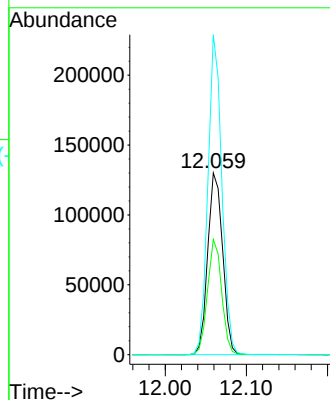
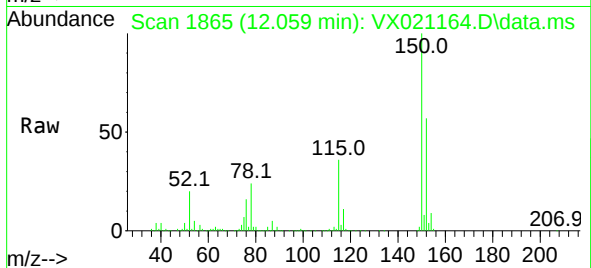
Tgt Ion:152 Resp: 165915

Ion Ratio Lower Upper

152 100

115 60.0 41.1 123.3

150 163.5 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 23.71 ug/l

RT: 11.118 min Scan# 1705

Delta R.T. -0.159 min

Lab File: VX021164.D

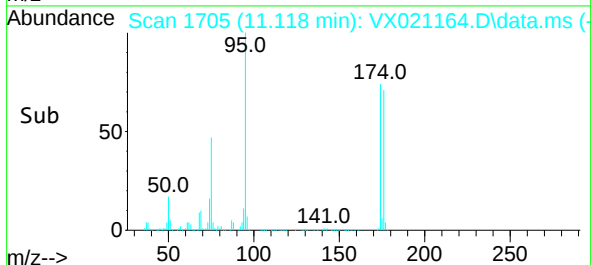
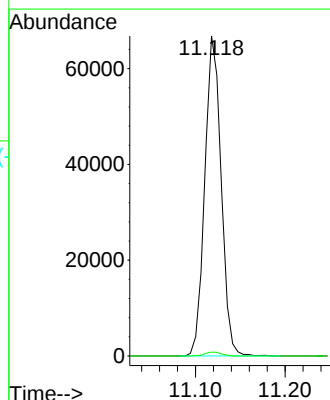
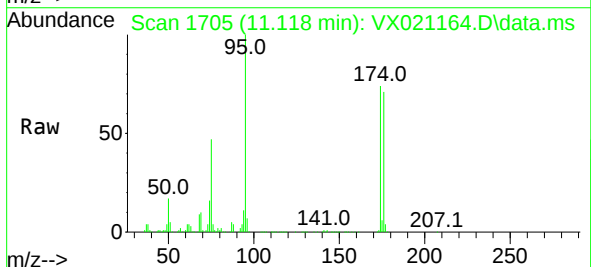
Acq: 11 Mar 2021 18:22

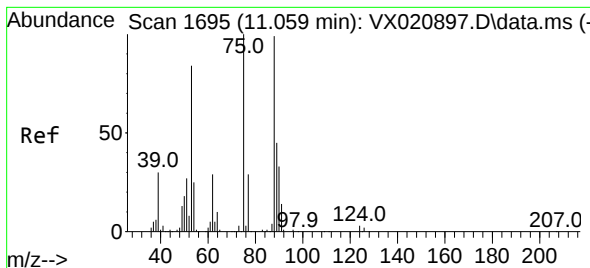
Tgt Ion: 75 Resp: 84613

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

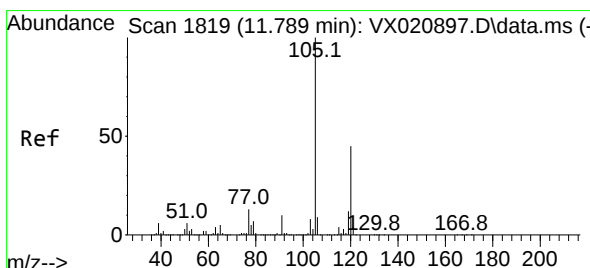
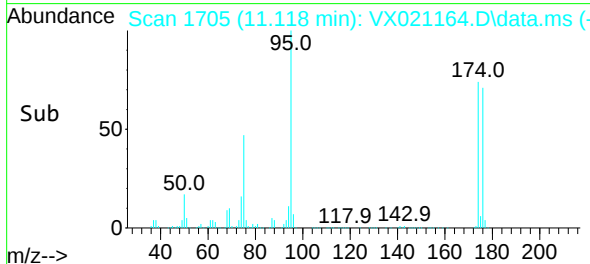
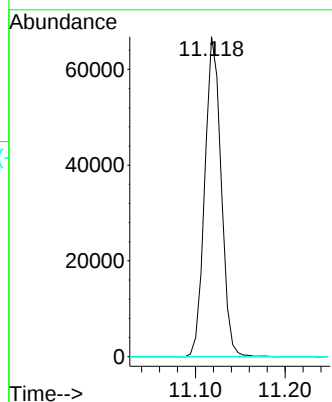
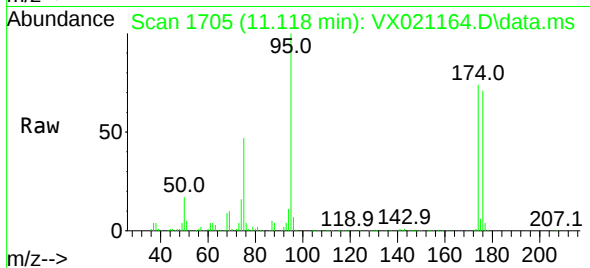




#81
trans-1,4-Dichloro-2-butene
Concen: 52.48 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

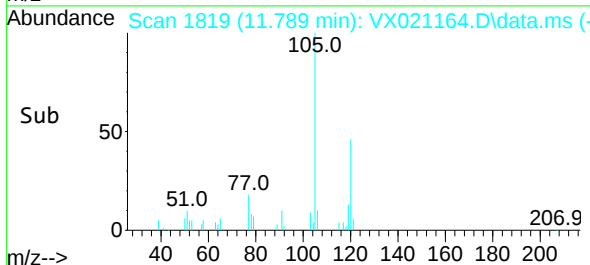
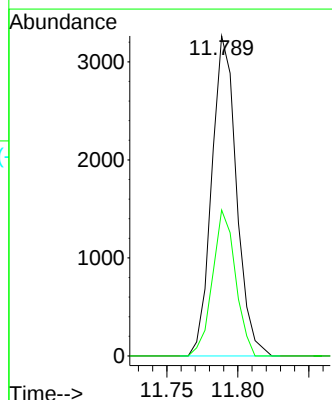
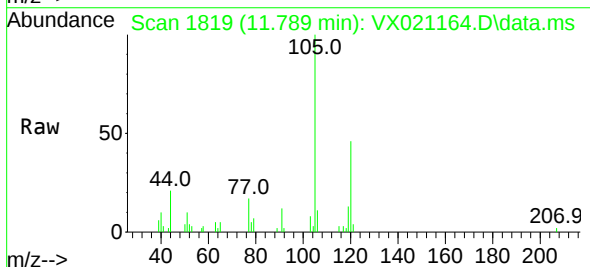
Instrument :
MSVOA_X
ClientSampleId :

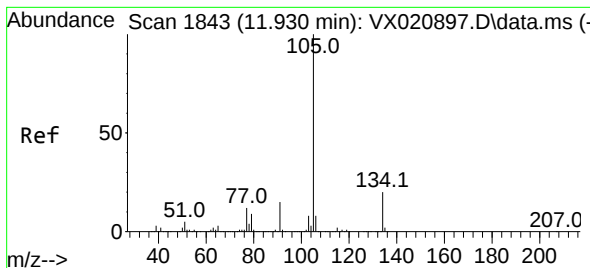
Tgt Ion: 75 Resp: 84613
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.36 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Tgt Ion: 105 Resp: 3950
Ion Ratio Lower Upper
105 100
120 42.4 22.4 67.3

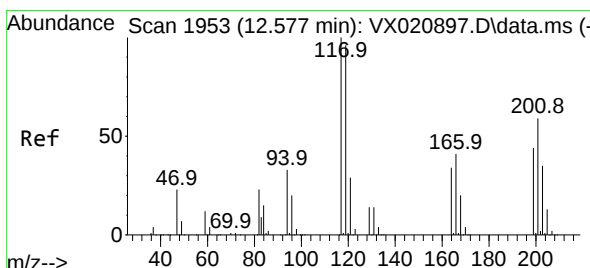
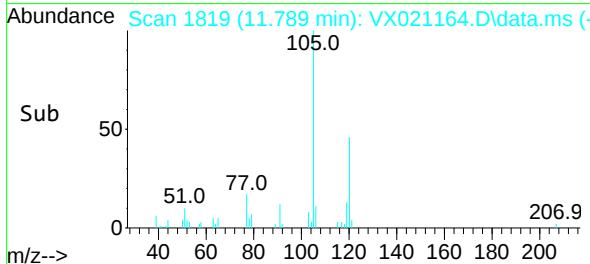
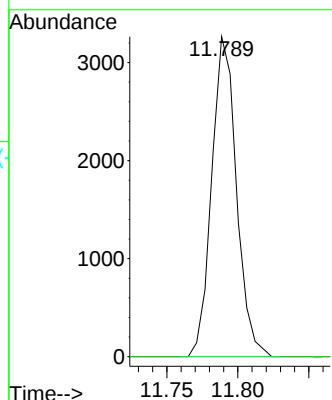
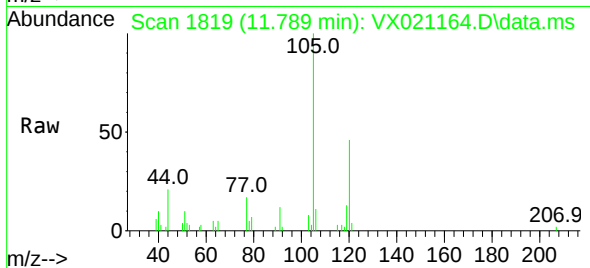




#85
 sec-Butylbenzene
 Concen: 0.32 ug/l
 RT: 11.789 min Scan# 1819
 Delta R.T. -0.141 min
 Lab File: VX021164.D
 Acq: 11 Mar 2021 18:22

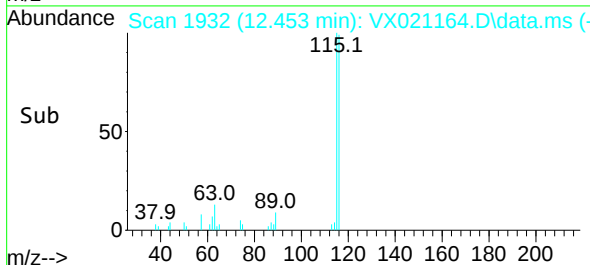
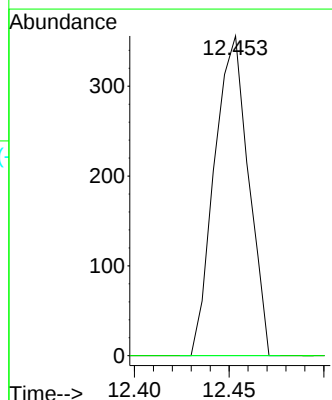
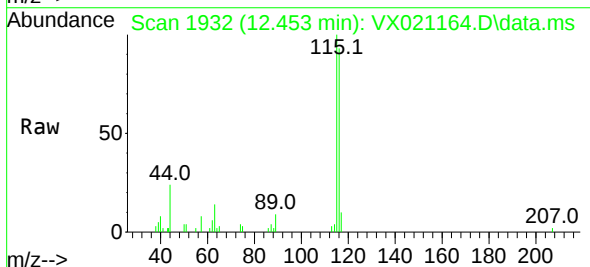
Instrument :
 MSVOA_X
 ClientSampled :

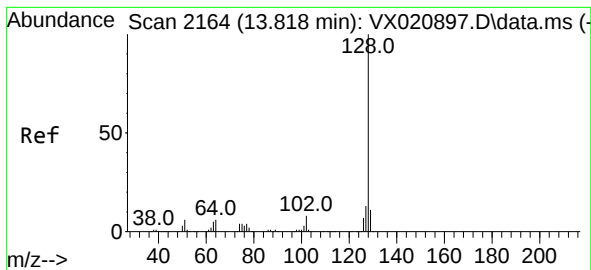
Tgt Ion:105 Resp: 3950
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#



#90
 Hexachloroethane
 Concen: 0.20 ug/l
 RT: 12.453 min Scan# 1932
 Delta R.T. -0.124 min
 Lab File: VX021164.D
 Acq: 11 Mar 2021 18:22

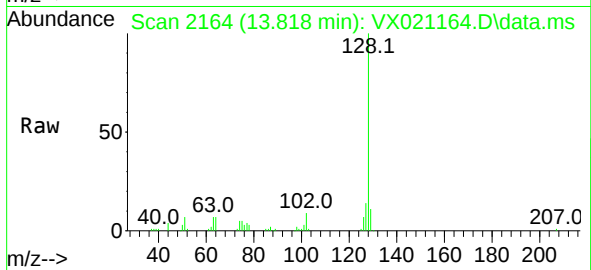
Tgt Ion:117 Resp: 445
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 2.43 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021164.D
Acq: 11 Mar 2021 18:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	29539
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.3	15.5
129	11.6	8.8	13.2

