

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021388.D
 Acq On : 23 Mar 2021 16:14
 Operator : JC/MD
 Sample : M1750-02 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 01:57:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

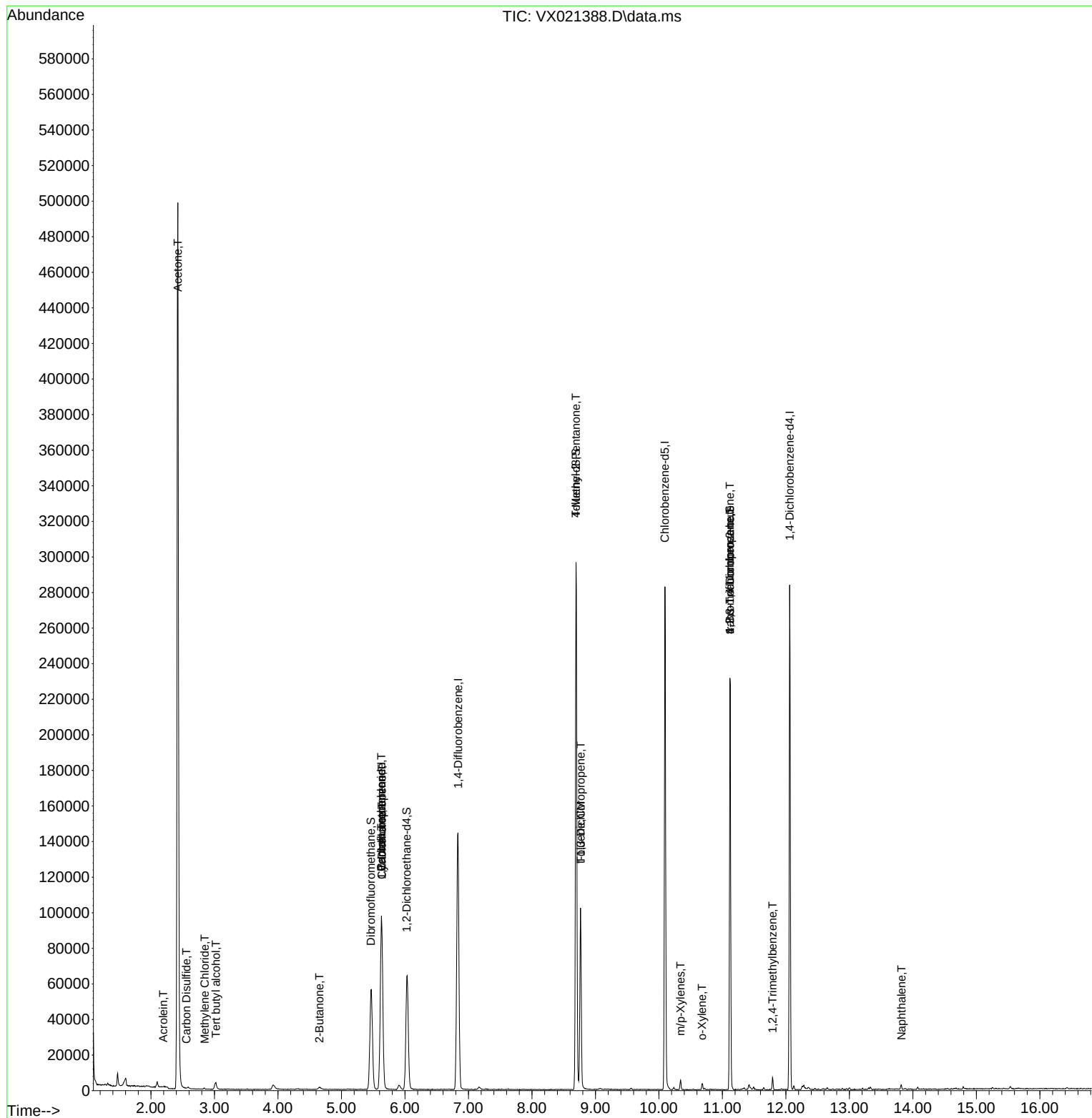
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	83621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	137782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	64315	46.89	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.78%
35) Dibromofluoromethane	5.464	113	46217	49.29	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.58%
50) Toluene-d8	8.694	98	165520	48.66	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.32%
62) 4-Bromofluorobenzene	11.118	95	59996	45.41	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.82%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1737	Below Cal		95
11) Tert butyl alcohol	3.023	59	3957	17.17	ug/l	96
13) Acrolein	2.193	56	123	4.01	ug/l	98
16) Acetone	2.423	43	525112	1040.55	ug/l	89
17) Carbon Disulfide	2.558	76	133	0.59	ug/l #	75
20) Methylene Chloride	2.846	84	273	0.26	ug/l #	51
25) 2-Butanone	4.652	43	895	1.15	ug/l #	45
31) Cyclohexane	5.635	56	2422	1.46	ug/l #	44
36) 1,1-Dichloropropene	5.635	75	7458	5.37	ug/l #	50
38) Carbon Tetrachloride	5.629	117	9047	6.28	ug/l #	17
51) 4-Methyl-2-Pentanone	8.694	43	969	0.63	ug/l #	1
52) Toluene	8.765	92	35974	15.21	ug/l	99
53) t-1,3-Dichloropropene	8.765	75	488	0.30	ug/l #	1
68) m/p-Xylenes	10.341	106	1105	0.68	ug/l	95
69) o-Xylene	10.677	106	722	0.46	ug/l	85
76) 1,2,3-Trichloropropane	11.118	75	33658	28.28	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	33658	76.77	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.789	105	2759	0.84	ug/l	98
95) Naphthalene	13.818	128	1555	0.43	ug/l	96

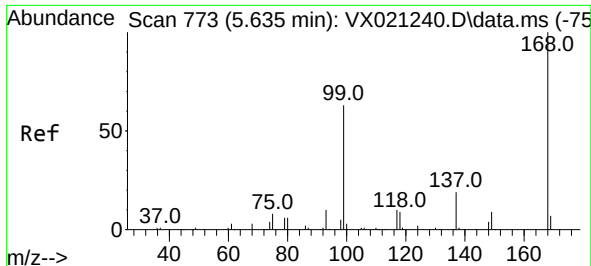
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 24 01:57:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

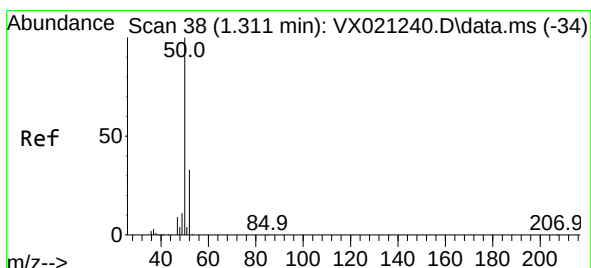
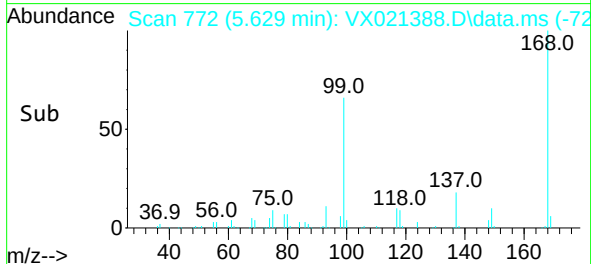
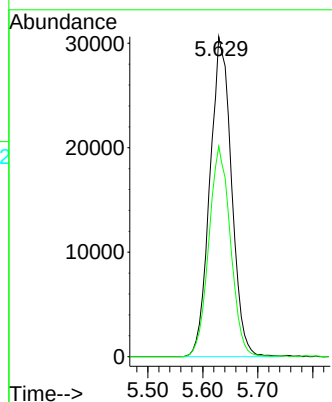
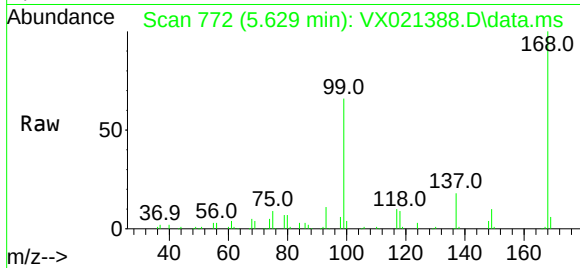




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

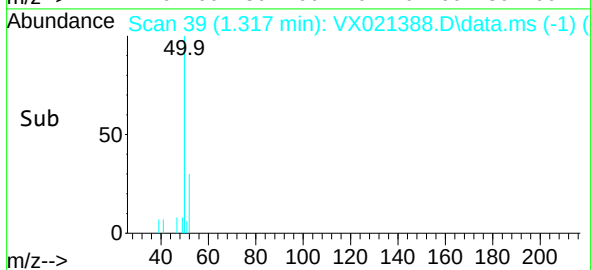
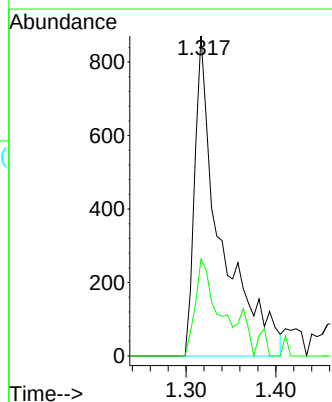
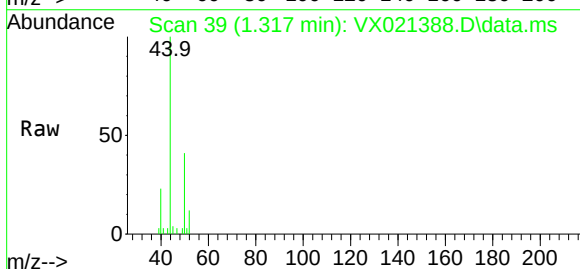
Instrument :
MSVOA_X
ClientSampled :

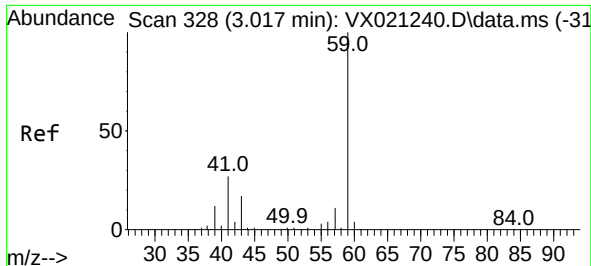
Tgt Ion:168 Resp: 83621
Ion Ratio Lower Upper
168 100
99 65.7 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

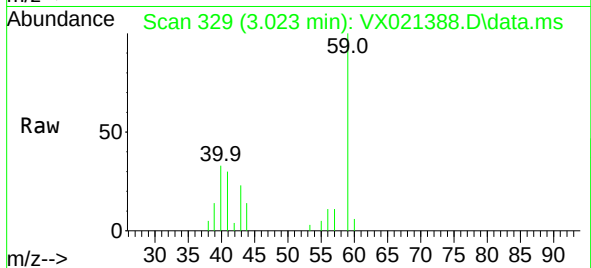
Tgt Ion: 50 Resp: 1737
Ion Ratio Lower Upper
50 100
52 30.2 26.4 39.6



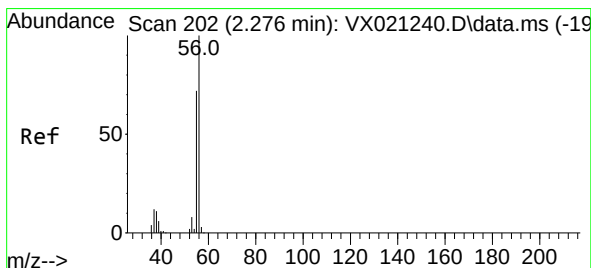
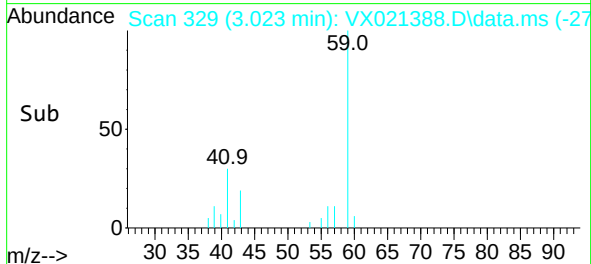
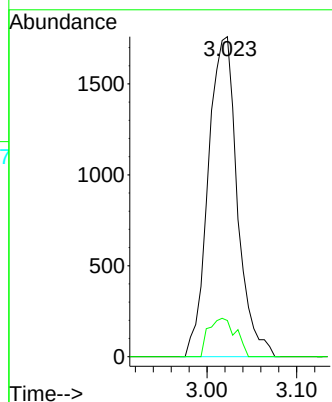


#11
Tert butyl alcohol
Concen: 17.17 ug/l
RT: 3.023 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Instrument :
MSVOA_X
ClientSampled :

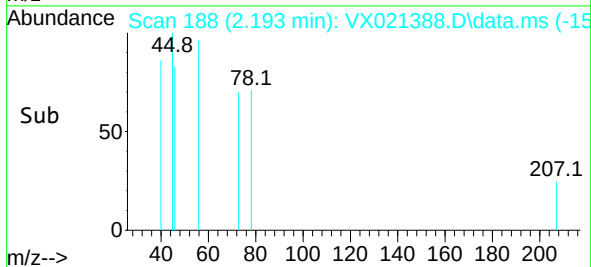
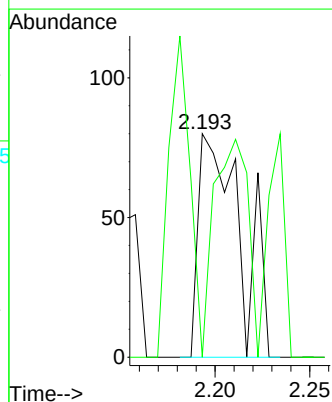
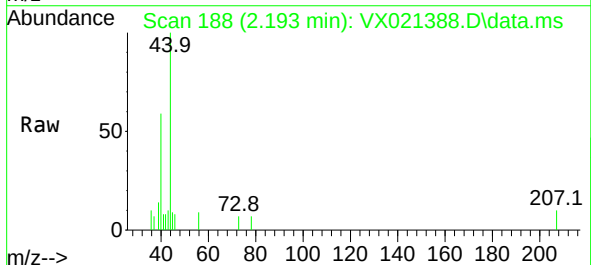


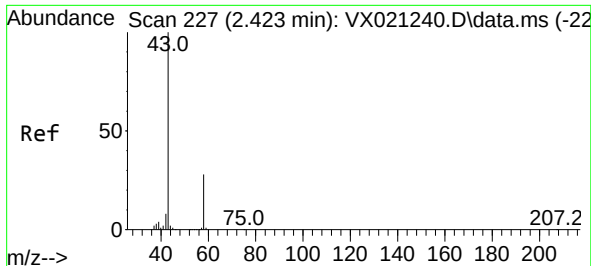
Tgt Ion: 59 Resp: 3957
Ion Ratio Lower Upper
59 100
57 11.2 7.8 11.8



#13
Acrolein
Concen: 4.01 ug/l
RT: 2.193 min Scan# 188
Delta R.T. -0.083 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 72.4 56.4 84.6

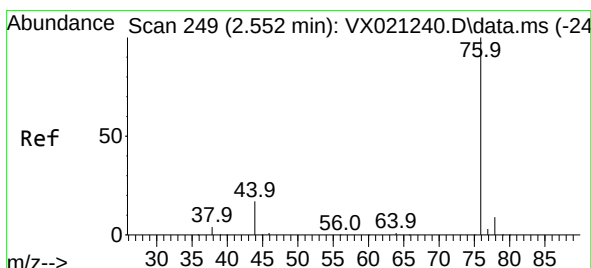
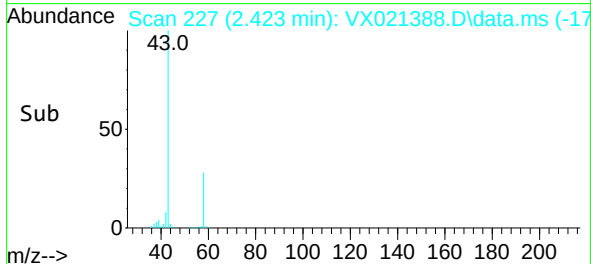
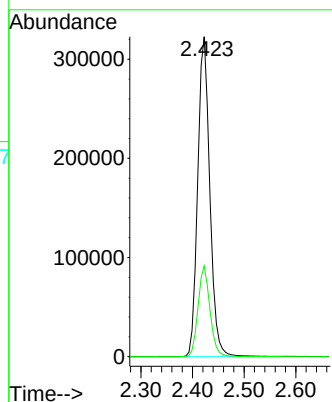
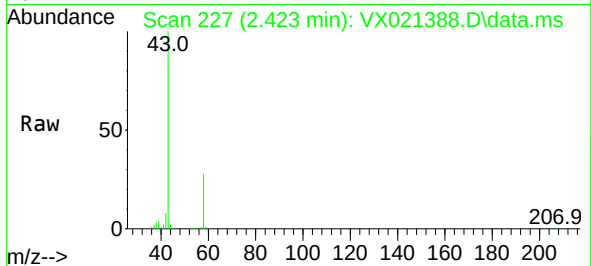




#16
Acetone
Concen: 1040.55 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

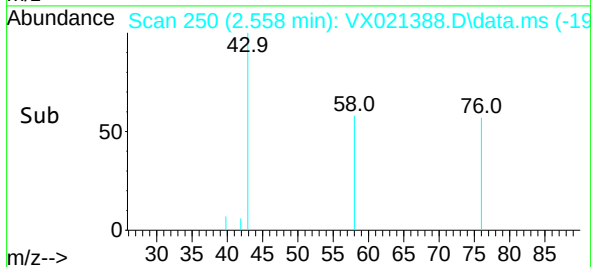
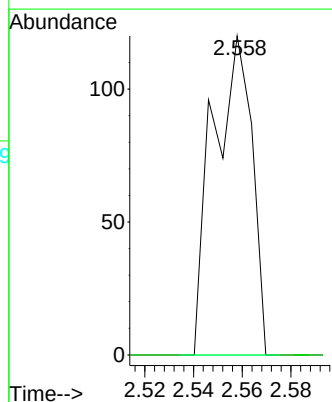
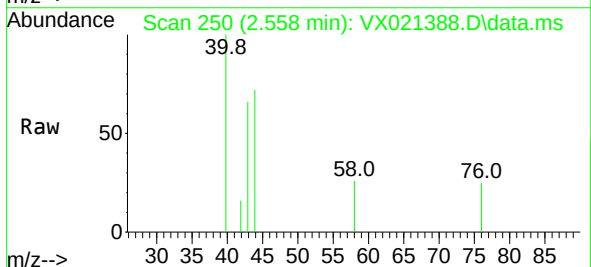
Instrument :
MSVOA_X
ClientSampled :

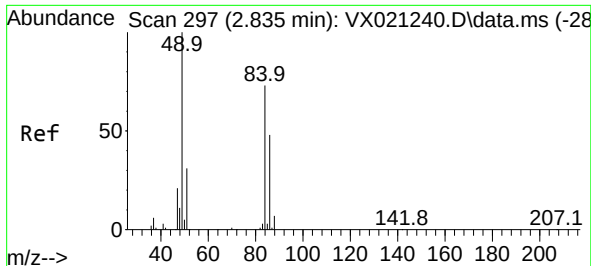
Tgt Ion: 43 Resp: 525112
Ion Ratio Lower Upper
43 100
58 28.4 27.8 41.8



#17
Carbon Disulfide
Concen: 0.59 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

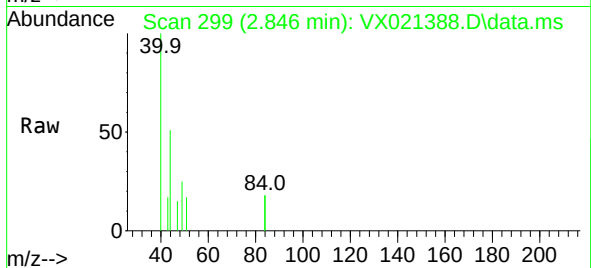
Tgt Ion: 76 Resp: 133
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



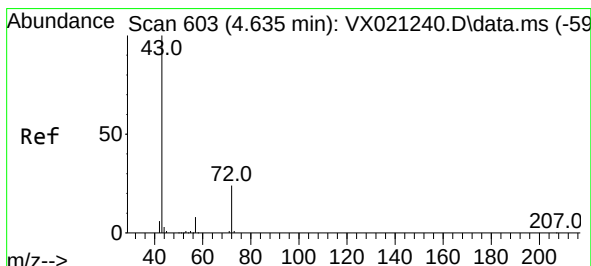
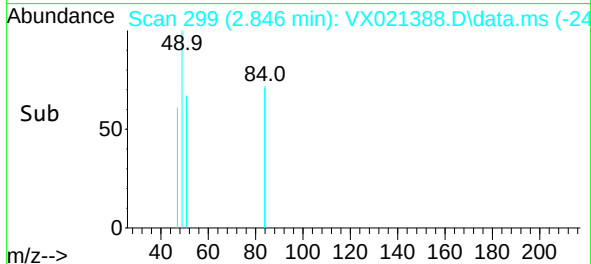
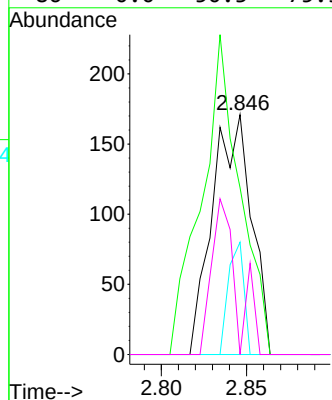


#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.846 min Scan# 299
Delta R.T. 0.011 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Instrument :
MSVOA_X
ClientSampled :

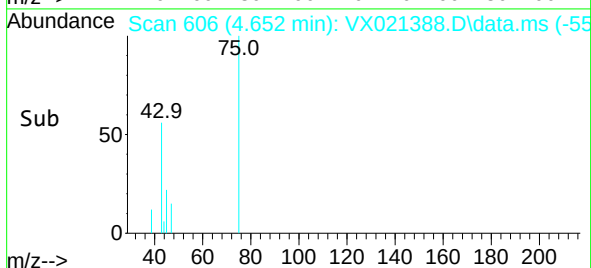
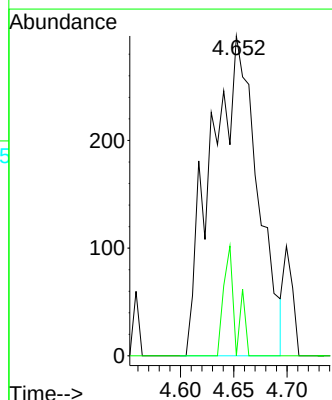
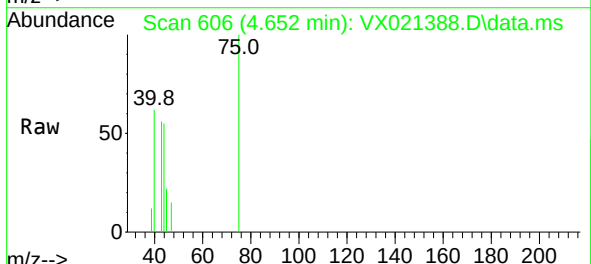


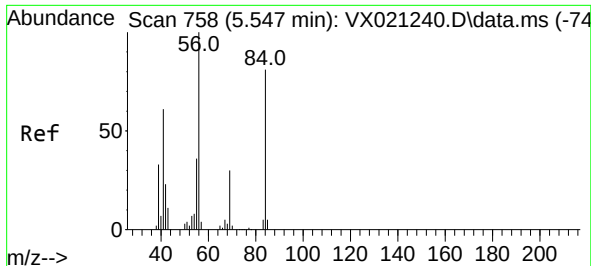
Tgt Ion: 84 Resp: 273
Ion Ratio Lower Upper
84 100
49 69.6 88.6 132.8#
51 46.8 27.0 40.6#
86 0.0 50.3 75.5#



#25
2-Butanone
Concen: 1.15 ug/l
RT: 4.652 min Scan# 606
Delta R.T. 0.017 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

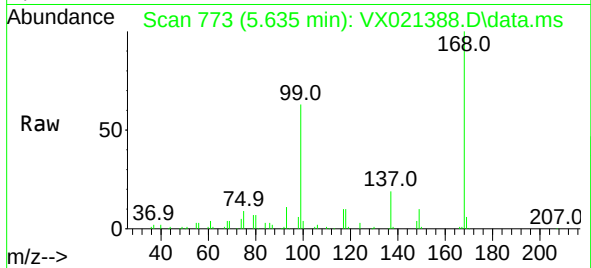
Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



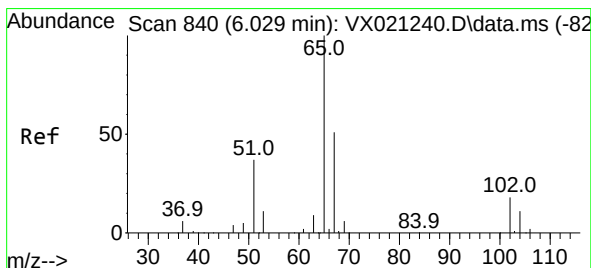
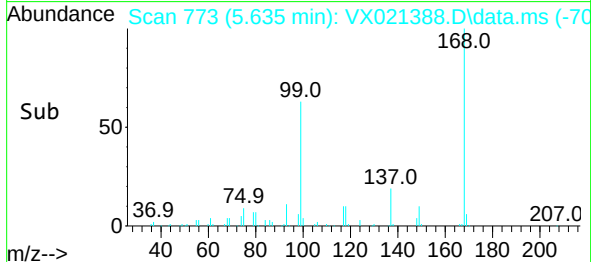
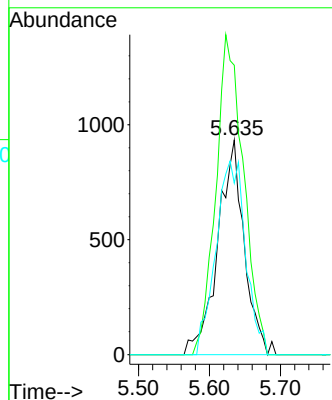


#31
Cyclohexane
Concen: 1.46 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Instrument :
MSVOA_X
ClientSampled :

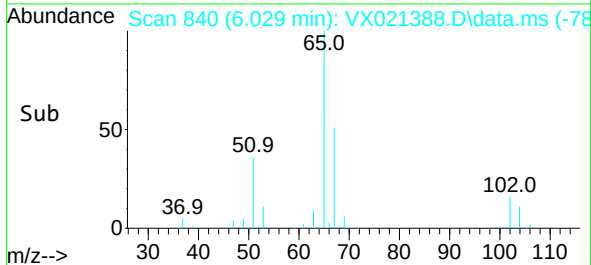
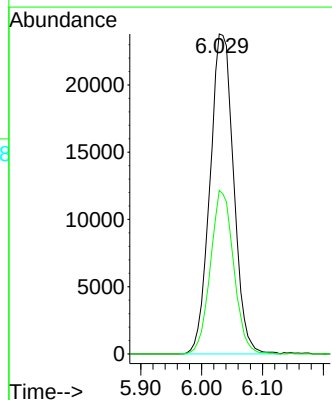
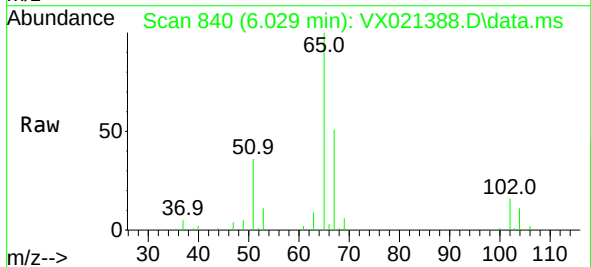


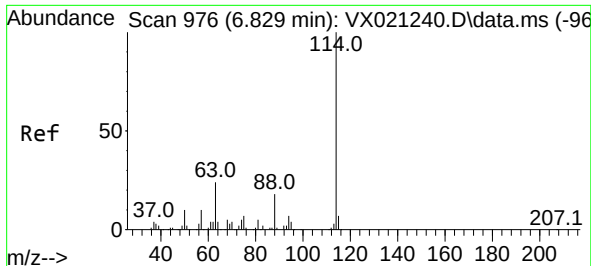
Tgt Ion: 56 Resp: 2422
Ion Ratio Lower Upper
56 100
69 134.8 25.3 37.9#
84 79.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 46.89 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

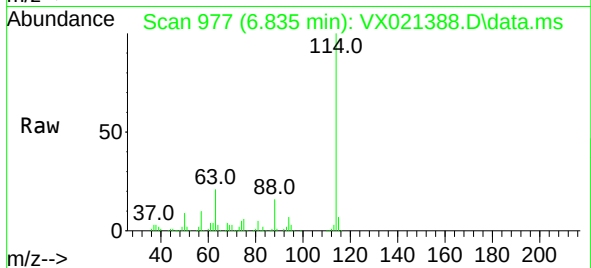
Tgt Ion: 65 Resp: 64315
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4



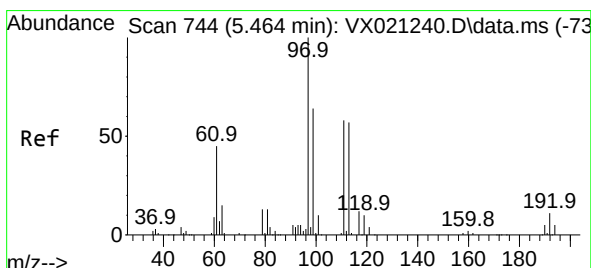
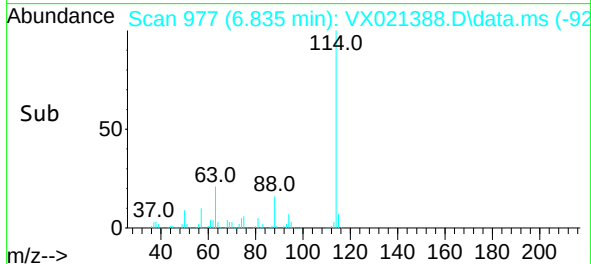
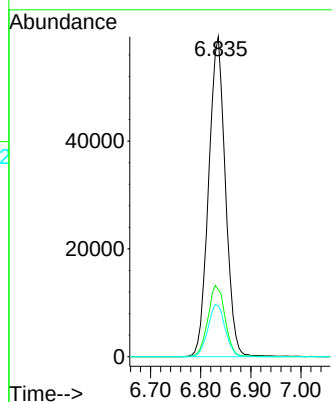


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Instrument :
MSVOA_X
ClientSampled :

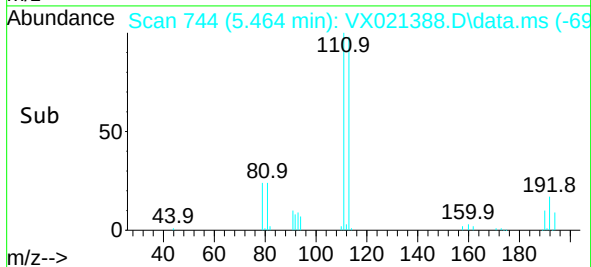
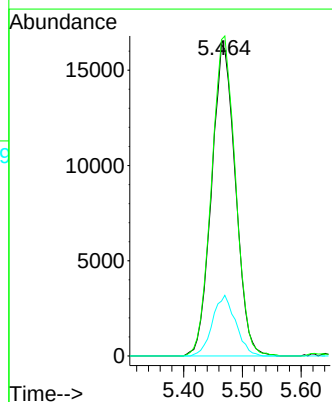
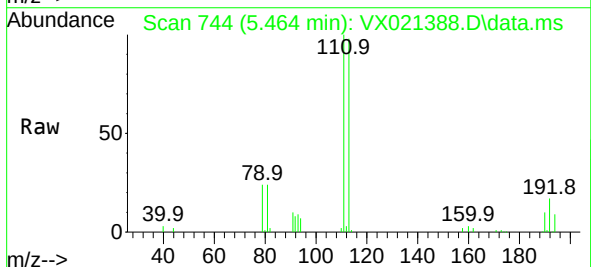


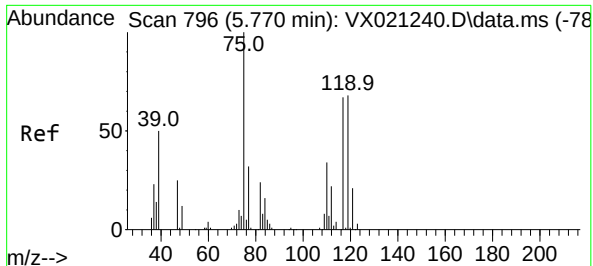
Tgt Ion:114 Resp: 137782
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.29 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Tgt Ion:113 Resp: 46217
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.0 16.7 25.1

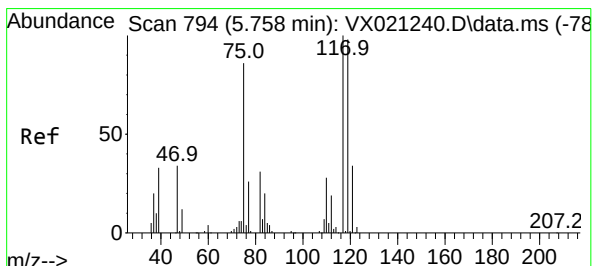
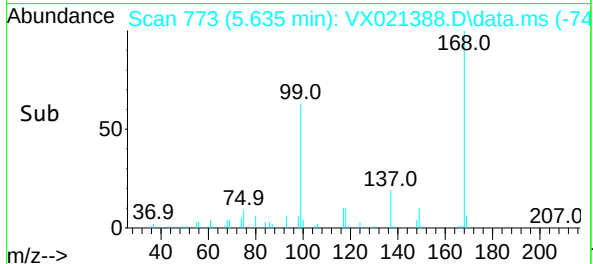
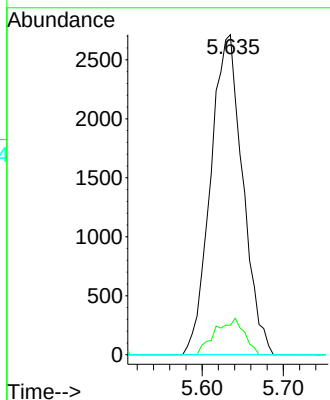
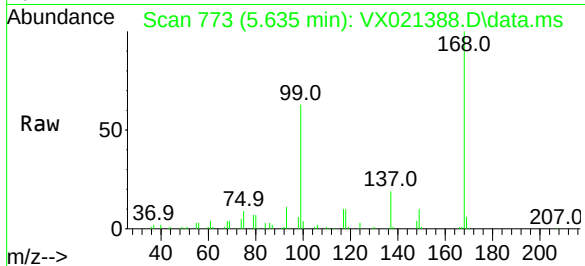




#36
1,1-Dichloropropene
Concen: 5.37 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.135 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

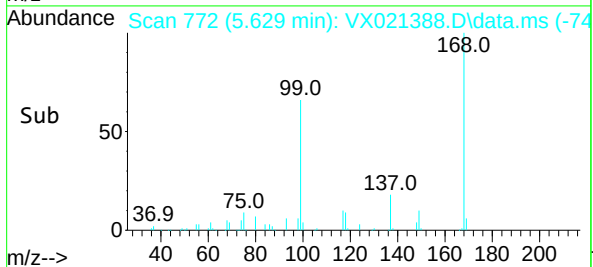
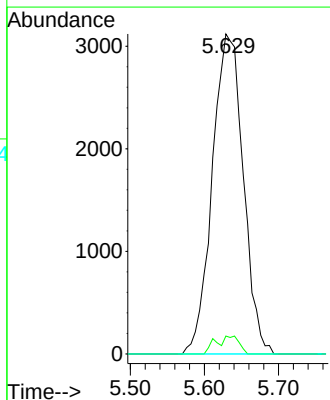
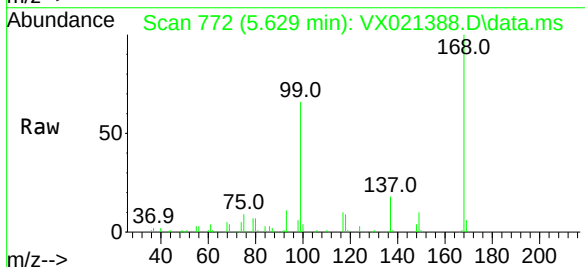
Instrument :
MSVOA_X
ClientSampleId :

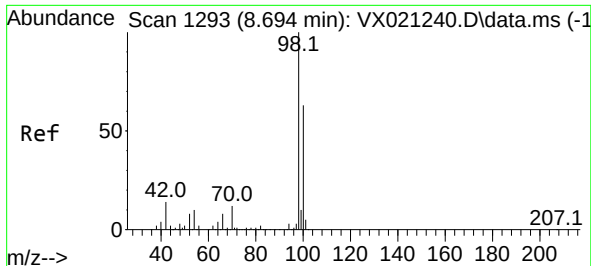
Tgt Ion: 75 Resp: 7458
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Tgt Ion: 117 Resp: 9047
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

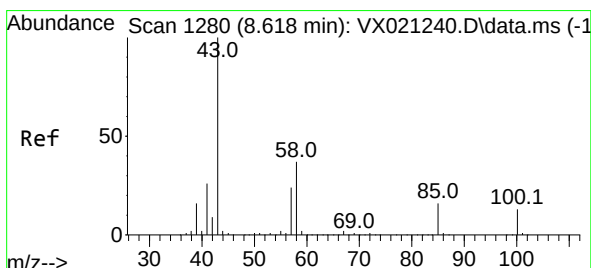
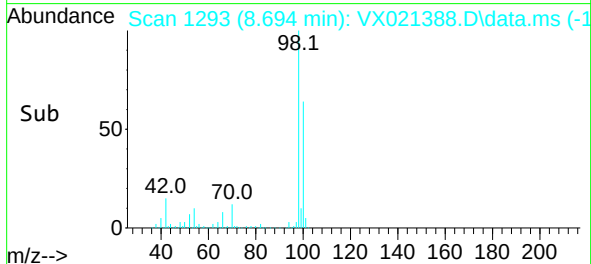
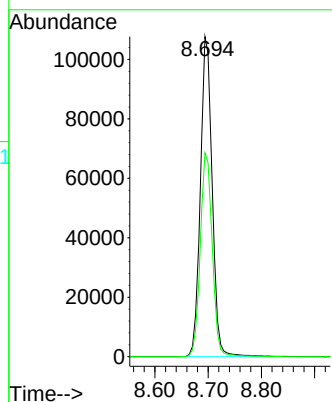
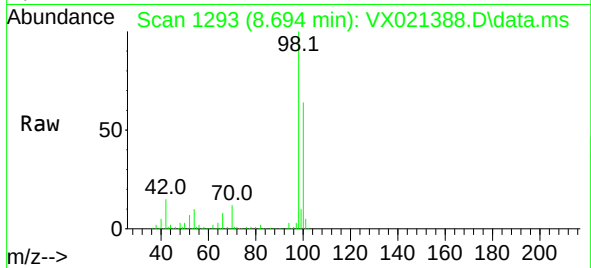




#50
Toluene-d8
Concen: 48.66 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

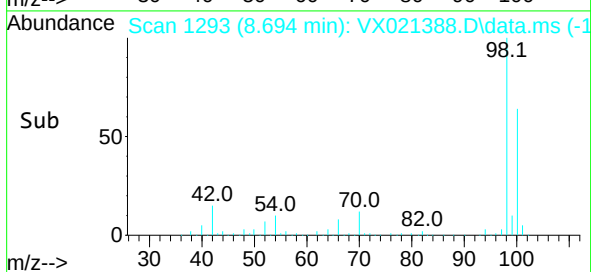
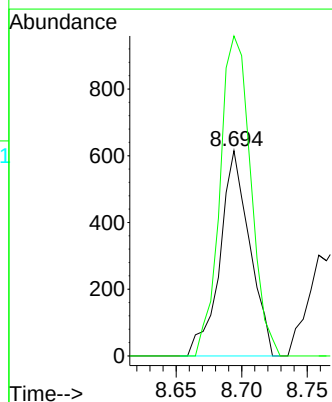
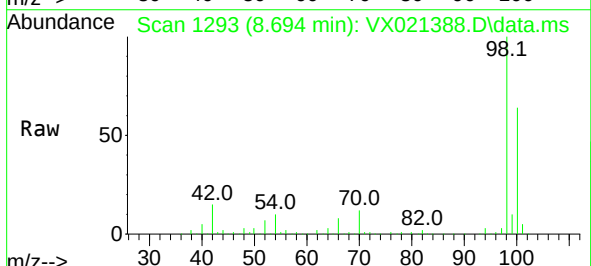
Instrument :
MSVOA_X
ClientSampled :

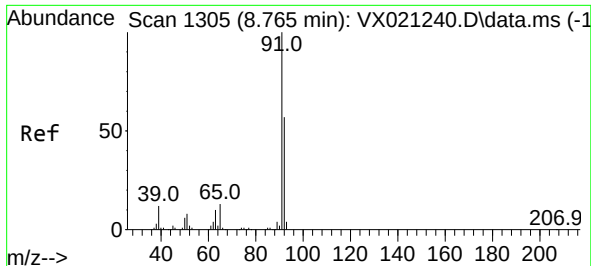
Tgt Ion: 98 Resp: 165520
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 161.7 35.4 53.0#

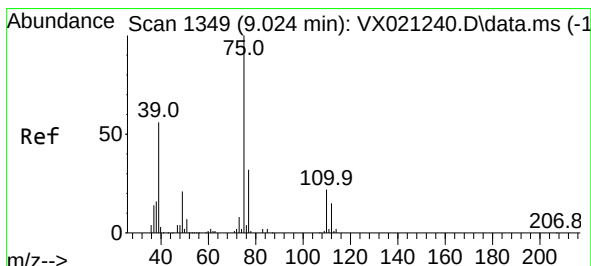
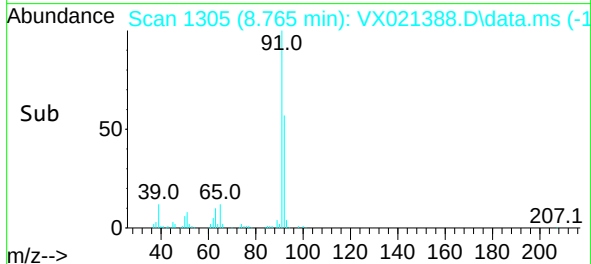
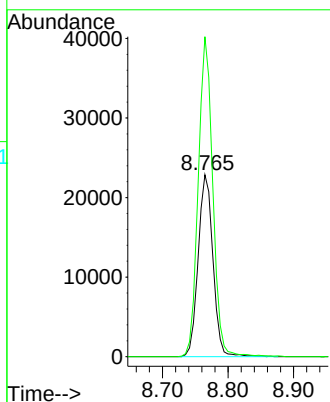
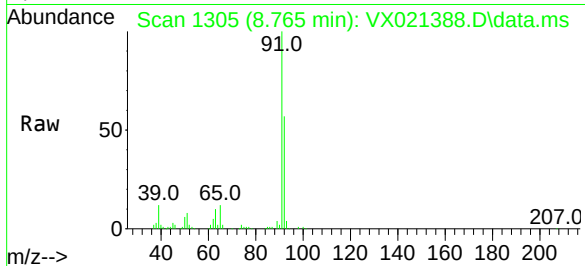




#52
Toluene
Concen: 15.21 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

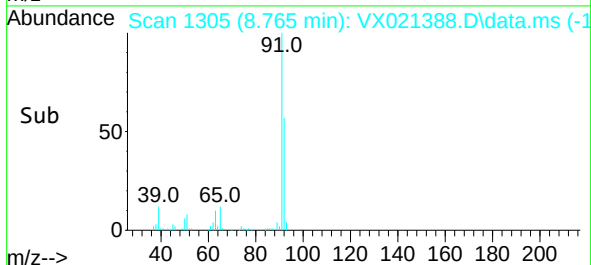
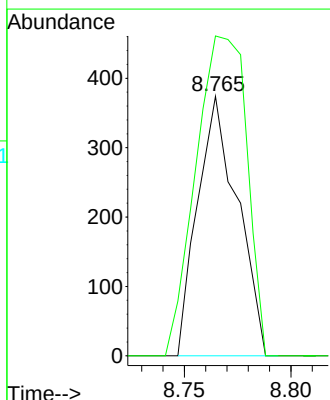
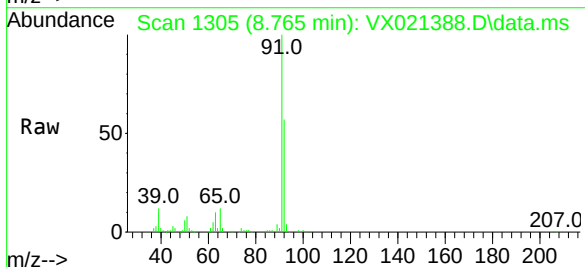
Instrument :
MSVOA_X
ClientSampled :

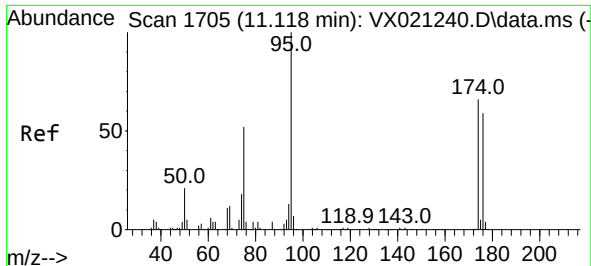
Tgt Ion: 92 Resp: 35974
Ion Ratio Lower Upper
92 100
91 173.0 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 0.30 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.259 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Tgt Ion: 75 Resp: 488
Ion Ratio Lower Upper
75 100
77 123.3 24.9 37.3#

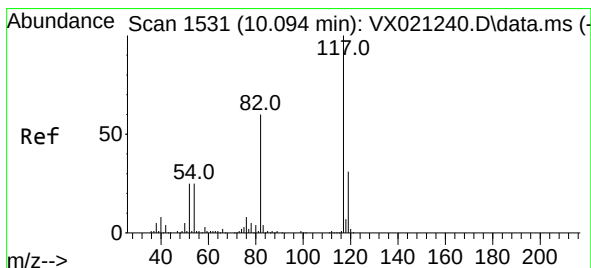
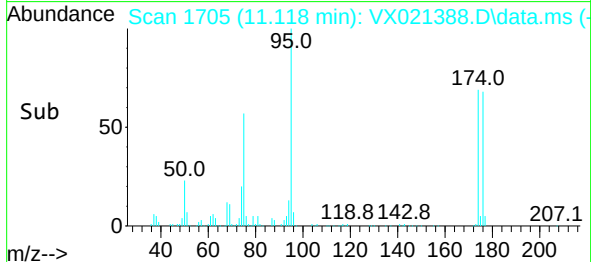
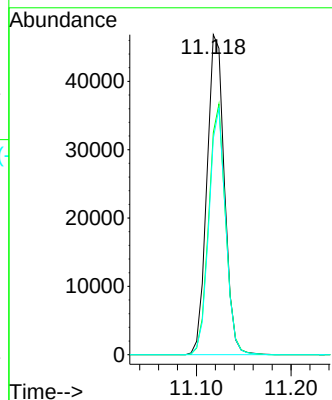
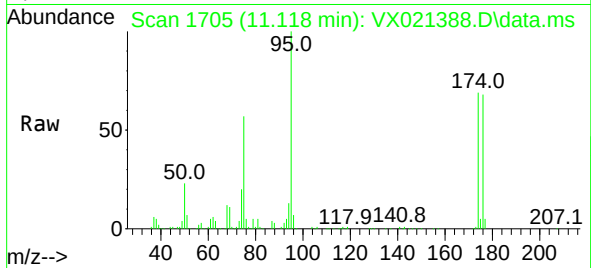




#62
4-Bromofluorobenzene
Concen: 45.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

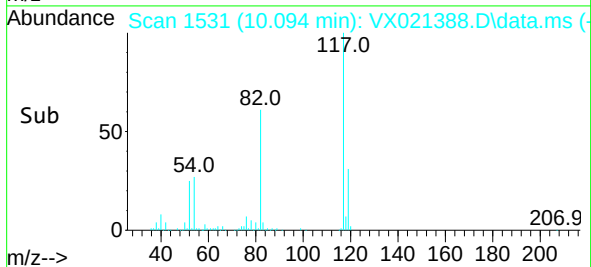
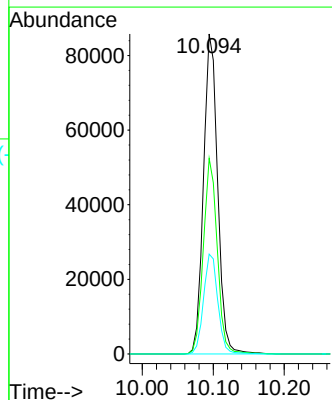
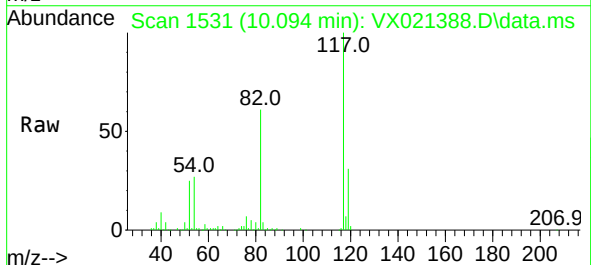
Instrument :
MSVOA_X
ClientSampleId :

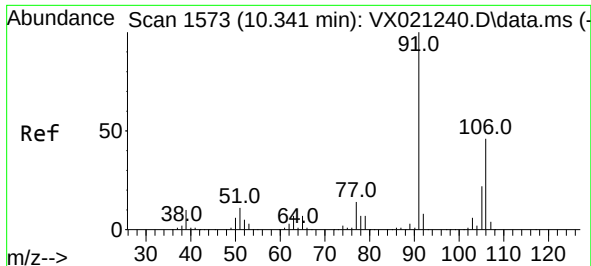
Tgt Ion: 95 Resp: 59996
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.6
176 73.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Tgt Ion: 117 Resp: 119266
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 31.2 26.6 39.8

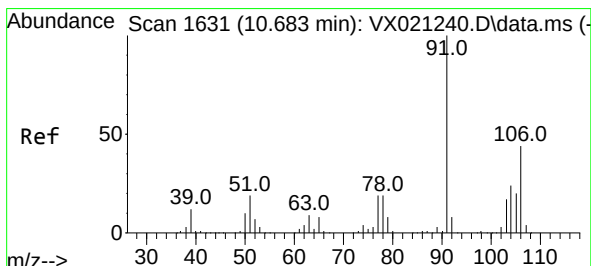
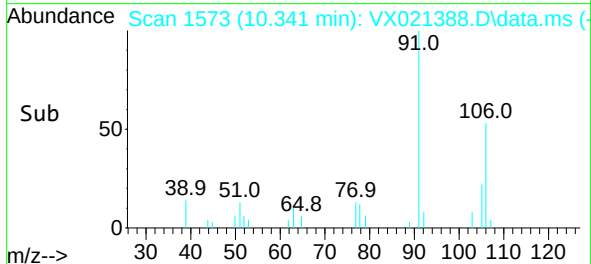
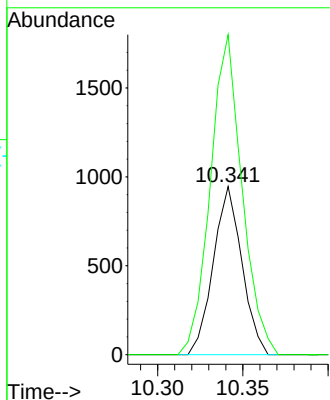
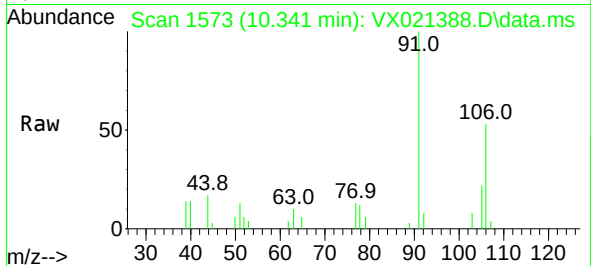




#68
m/p-Xylenes
Concen: 0.68 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

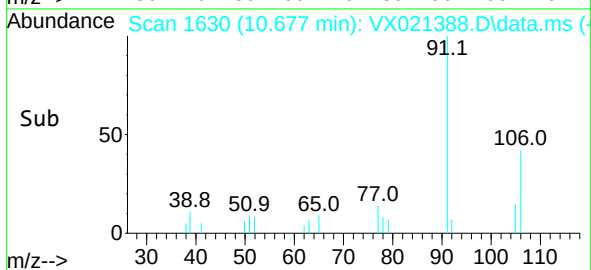
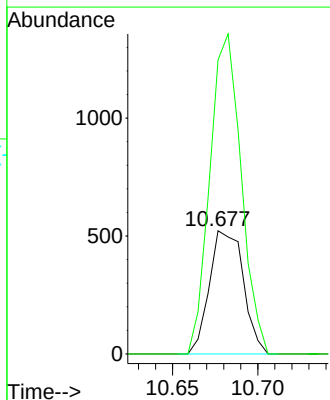
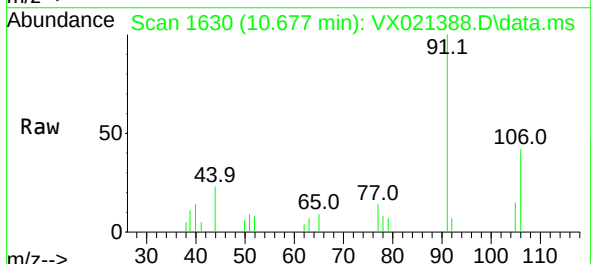
Instrument :
MSVOA_X
ClientSampled :

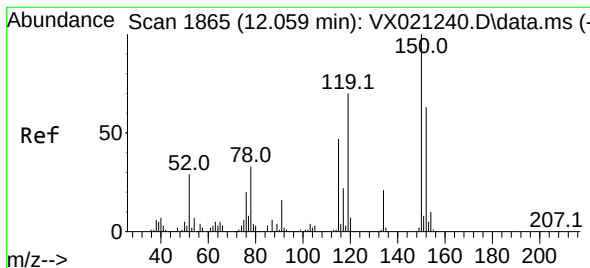
Tgt Ion:106 Resp: 1105
Ion Ratio Lower Upper
106 100
91 210.5 162.8 244.2



#69
o-Xylene
Concen: 0.46 ug/l
RT: 10.677 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Tgt Ion:106 Resp: 722
Ion Ratio Lower Upper
106 100
91 240.4 108.1 324.2

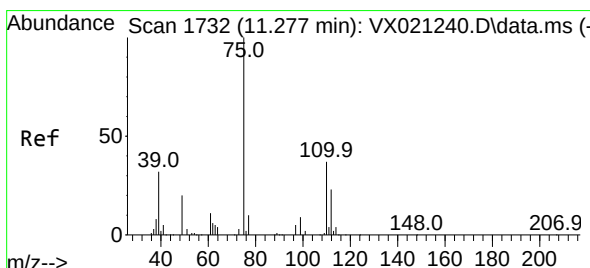
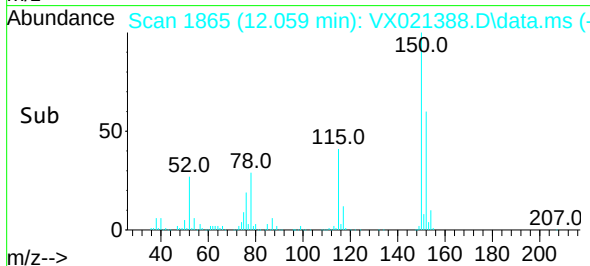
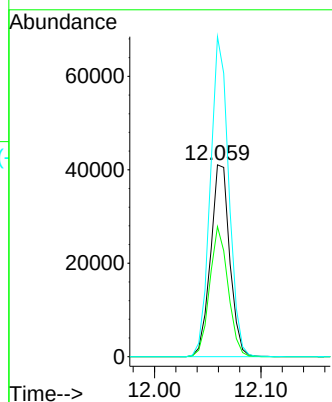
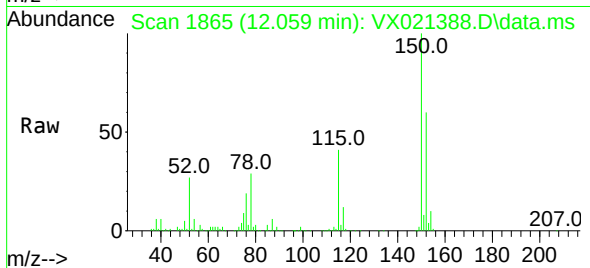




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021388.D
 Acq: 23 Mar 2021 16:14

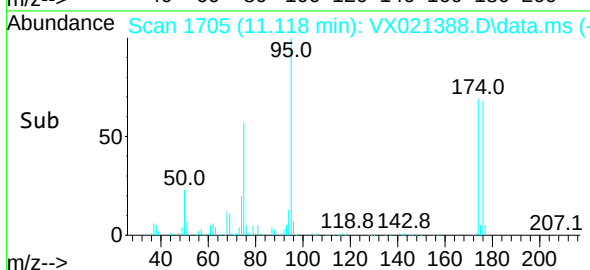
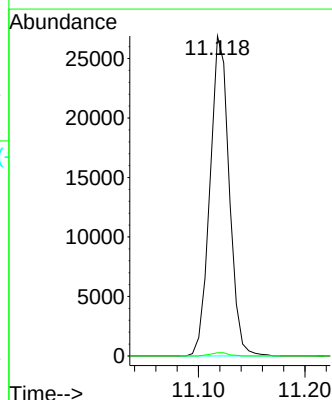
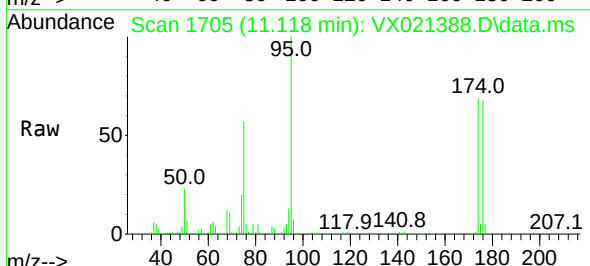
Instrument :
 MSVOA_X
 ClientSampled :

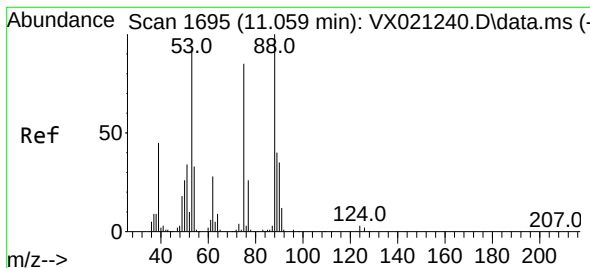
Tgt Ion:152 Resp: 51314
 Ion Ratio Lower Upper
 152 100
 115 64.6 41.1 123.3
 150 160.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.28 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021388.D
 Acq: 23 Mar 2021 16:14

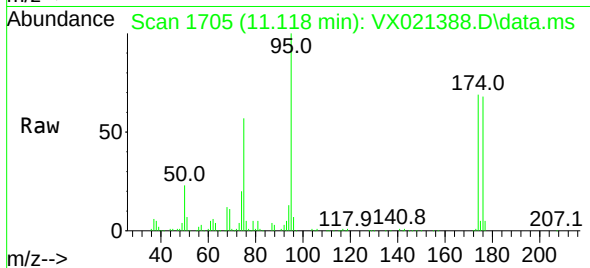
Tgt Ion: 75 Resp: 33658
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#



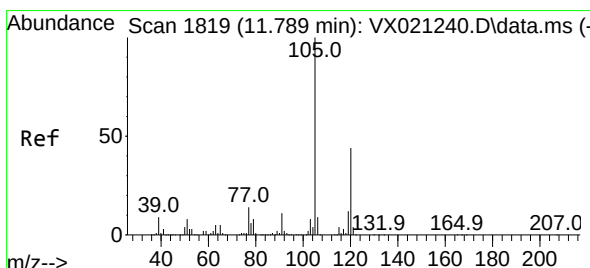
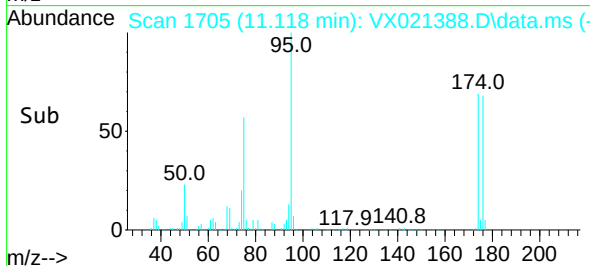
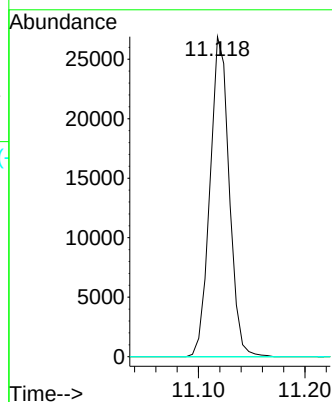


#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.77 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021388.D
 Acq: 23 Mar 2021 16:14

Instrument :
 MSVOA_X
 ClientSampled :

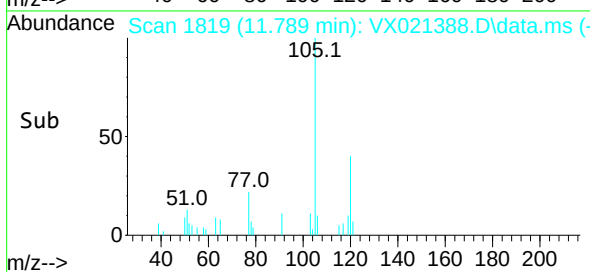
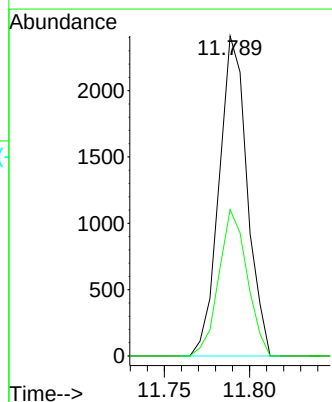
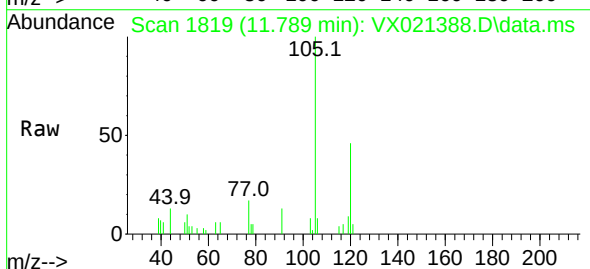


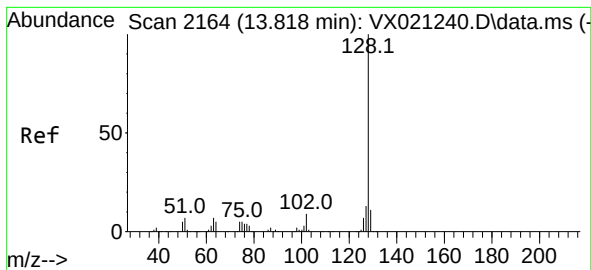
Tgt Ion: 75 Resp: 33658
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.84 ug/l
 RT: 11.789 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VX021388.D
 Acq: 23 Mar 2021 16:14

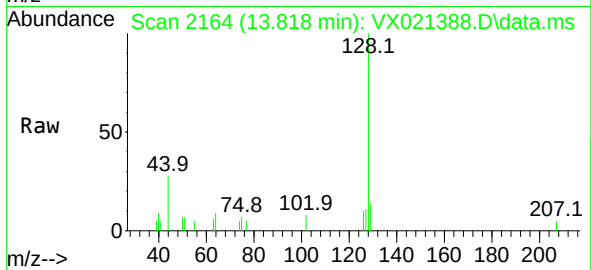
Tgt Ion: 105 Resp: 2759
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.3





#95
Naphthalene
Concen: 0.43 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021388.D
Acq: 23 Mar 2021 16:14

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1555
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 12.6 8.8 13.2

