

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021496.D
 Acq On : 25 Mar 2021 19:02
 Operator : JC/MD
 Sample : M1787-14DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 03:17:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

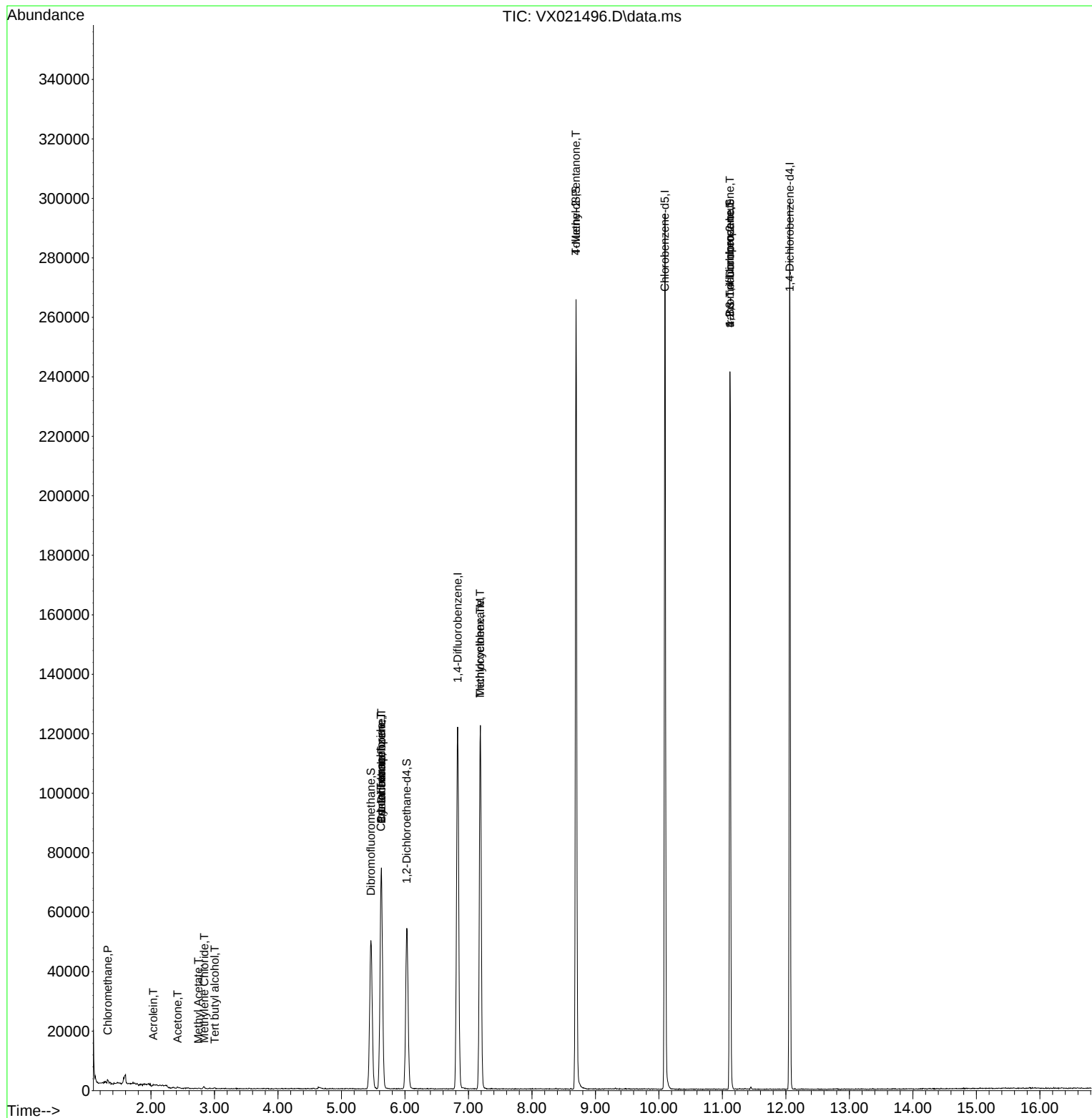
Internal Standards						
1) Pentafluorobenzene	5.629	168	62937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	113899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	54441	51.99	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.98%	
35) Dibromofluoromethane	5.464	113	41223	50.95	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.90%	
50) Toluene-d8	8.694	98	147574	51.19	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.38%	
62) 4-Bromofluorobenzene	11.118	95	61801	55.14	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.28%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1873	2.40	ug/l	96
11) Tert butyl alcohol	3.005	59	155	0.90	ug/l #	73
13) Acrolein	2.034	56	22	4.55	ug/l #	1
16) Acetone	2.417	43	464	1.17	ug/l	91
18) Methyl Acetate	2.746	43	250	0.22	ug/l #	47
20) Methylene Chloride	2.840	84	318	0.41	ug/l #	76
31) Cyclohexane	5.629	56	1781	1.55	ug/l #	45
36) 1,1-Dichloropropene	5.629	75	5873	5.26	ug/l #	49
38) Carbon Tetrachloride	5.623	117	7114	5.93	ug/l #	16
39) Methylcyclohexane	7.182	83	567	0.46	ug/l #	1
44) Trichloroethene	7.182	130	42472	50.79	ug/l	94
51) 4-Methyl-2-Pentanone	8.694	43	881	0.68	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	34793	27.27	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	34793	83.07	ug/l #	12

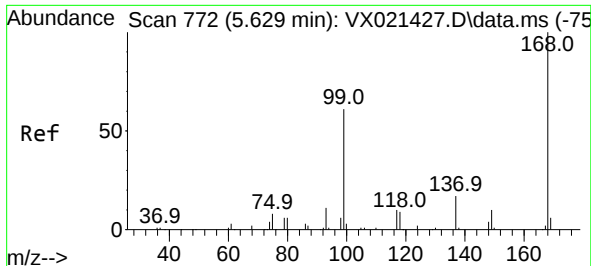
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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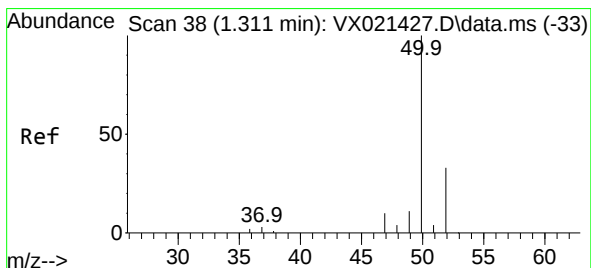
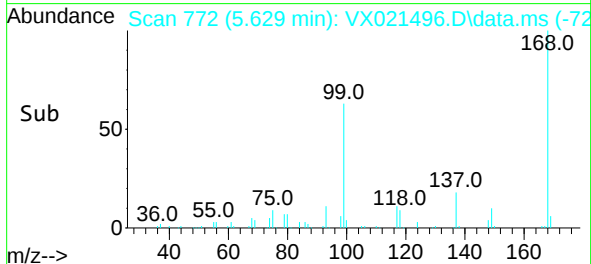
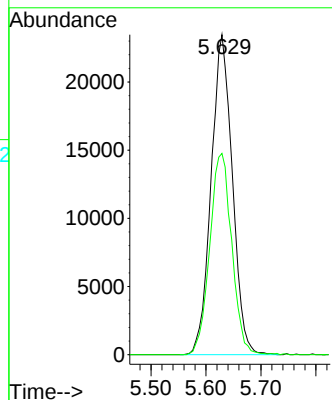
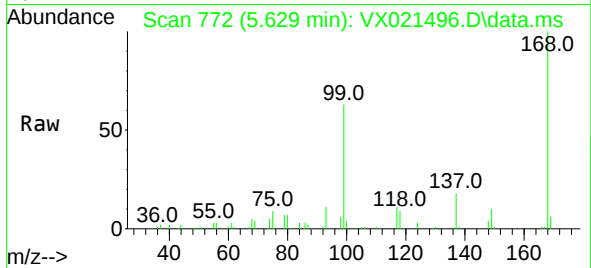




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

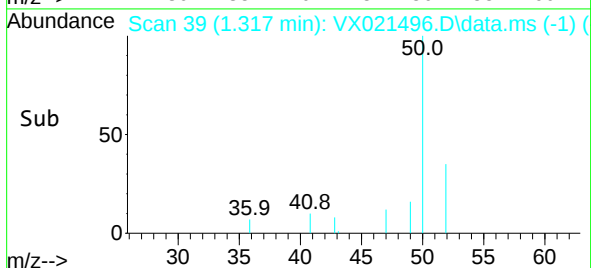
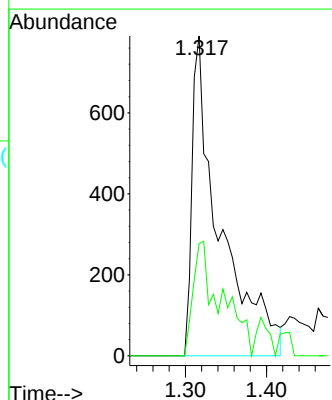
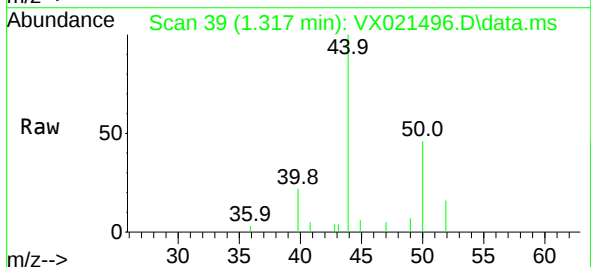
Instrument :
MSVOA_X
ClientSampled :

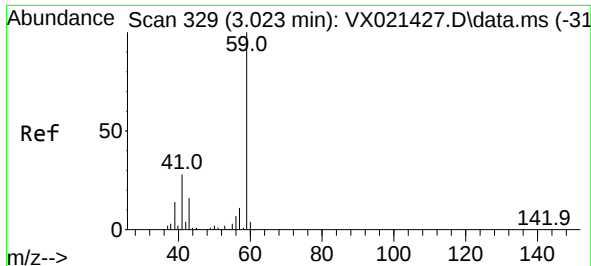
Tgt Ion:168 Resp: 62937
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#3
Chloromethane
Concen: 2.40 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

Tgt Ion: 50 Resp: 1873
Ion Ratio Lower Upper
50 100
52 35.1 26.4 39.6

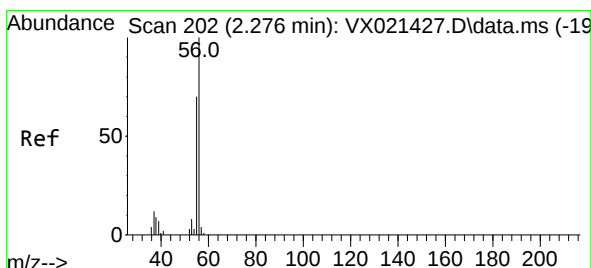
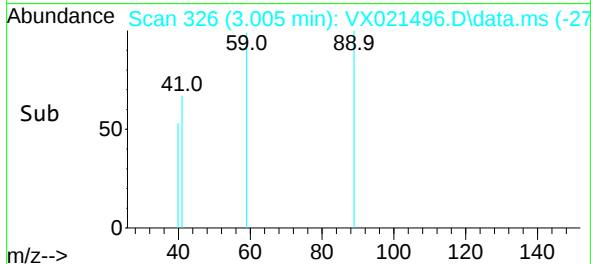
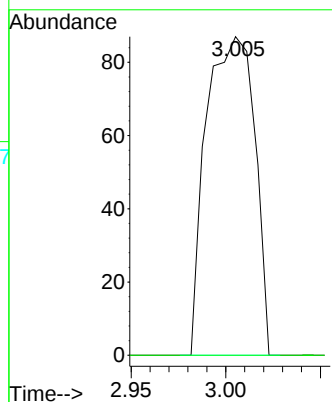
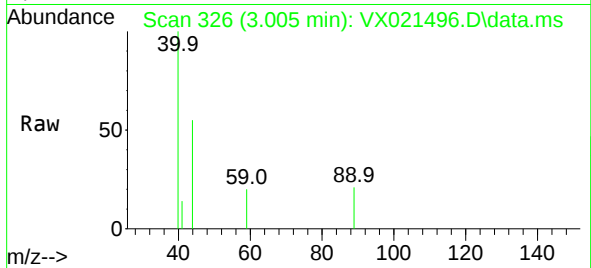




#11
Tert butyl alcohol
Concen: 0.90 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

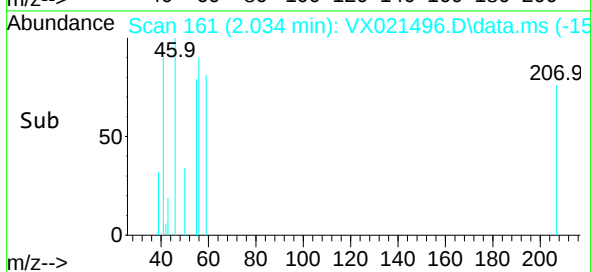
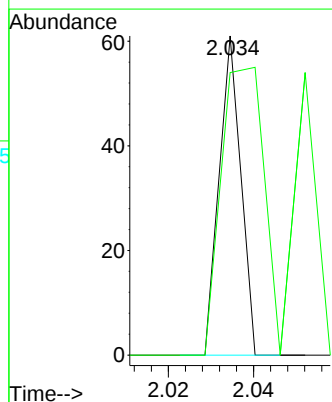
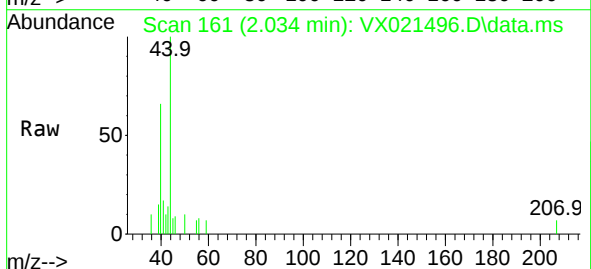
Instrument :
MSVOA_X
ClientSampled :

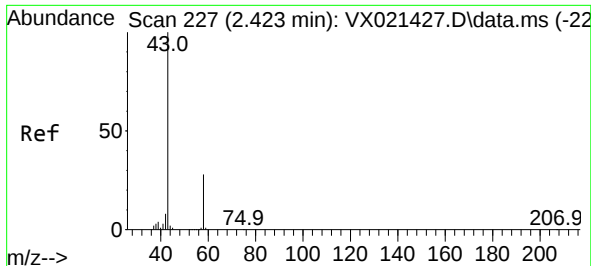
Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 4.55 ug/l
RT: 2.034 min Scan# 161
Delta R.T. -0.242 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 263.6 56.4 84.6#

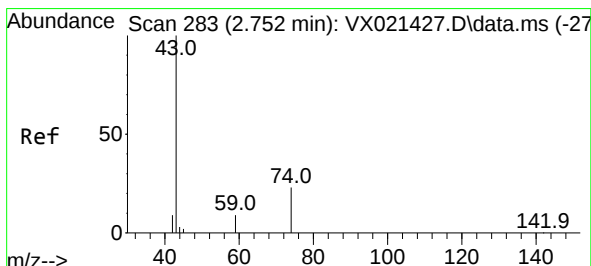
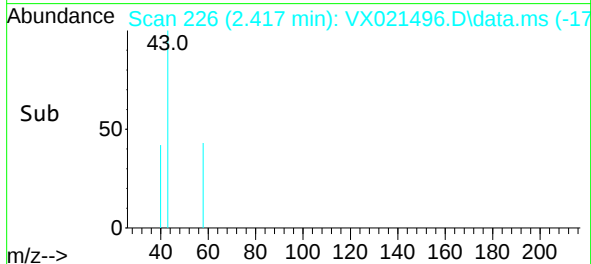
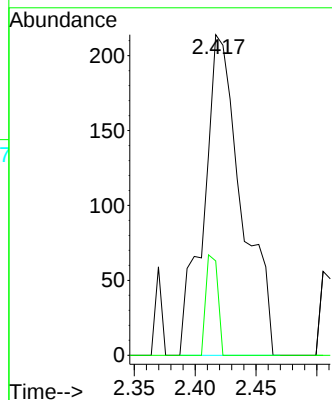
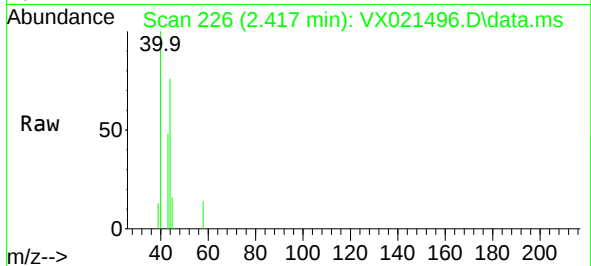




#16
Acetone
Concen: 1.17 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

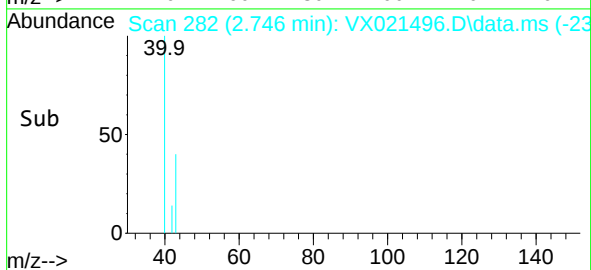
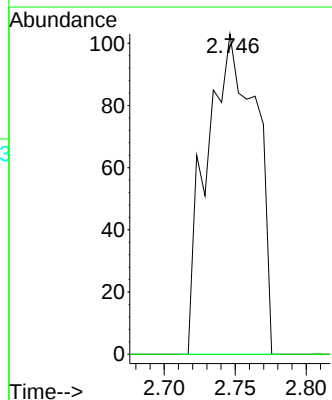
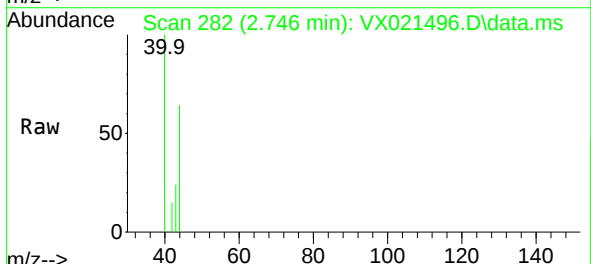
Instrument :
MSVOA_X
ClientSampled :

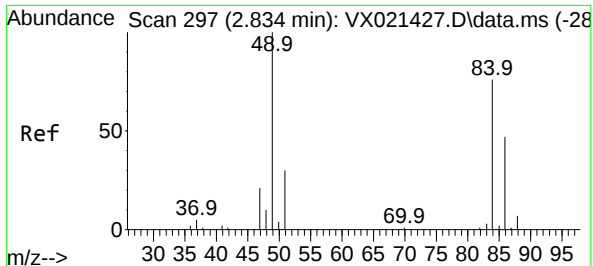
Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

Tgt Ion: 43 Resp: 250
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.41 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021496.D

Acq: 25 Mar 2021 19:02

Tgt Ion: 84 Resp: 318

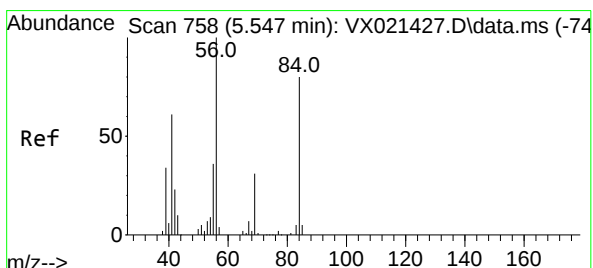
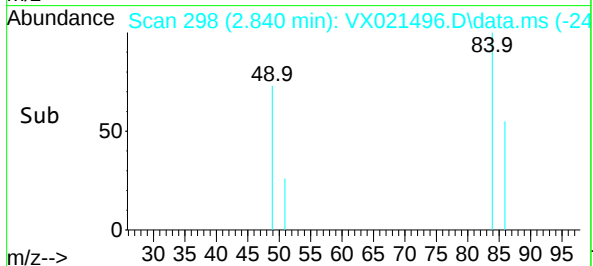
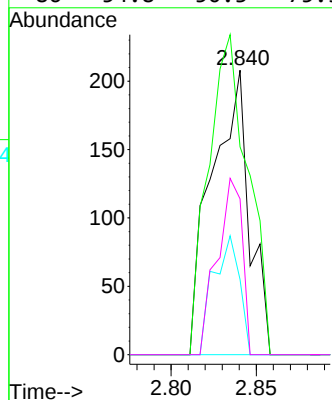
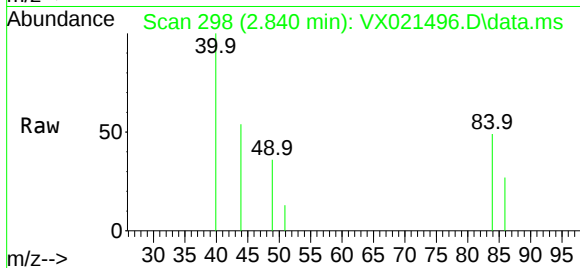
Ion Ratio Lower Upper

84 100

49 73.1 88.6 132.8#

51 26.4 27.0 40.6#

86 54.8 50.3 75.5



#31

Cyclohexane

Concen: 1.55 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021496.D

Acq: 25 Mar 2021 19:02

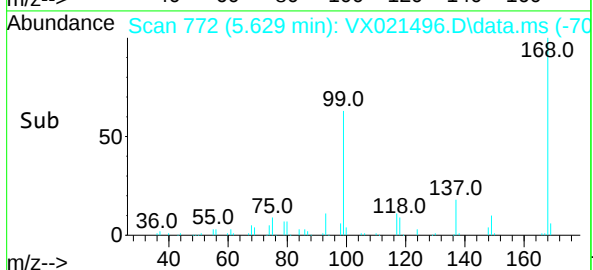
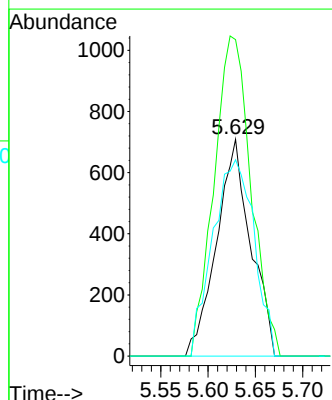
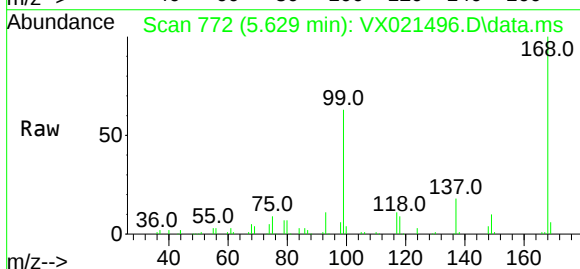
Tgt Ion: 56 Resp: 1781

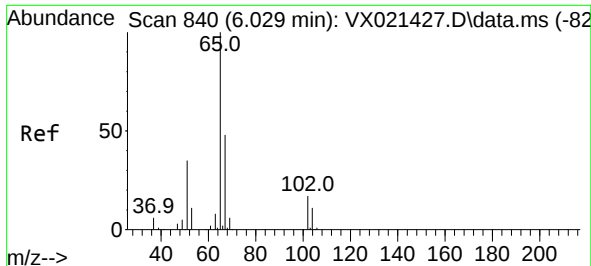
Ion Ratio Lower Upper

56 100

69 146.0 25.3 37.9#

84 90.6 71.4 107.0

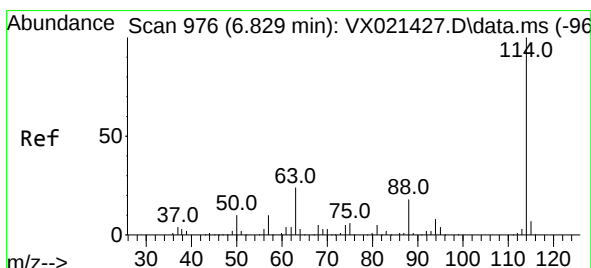
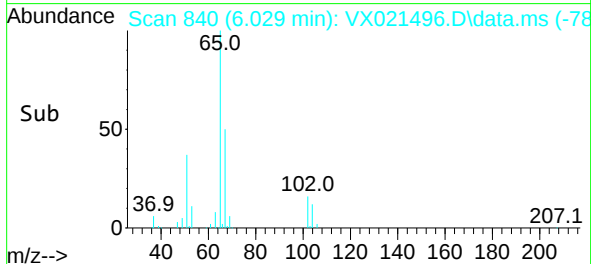
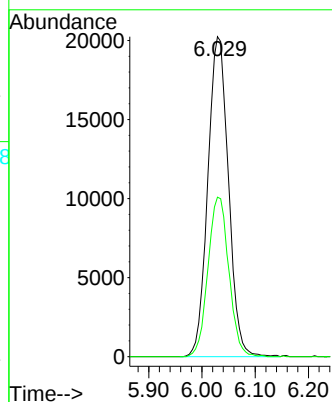
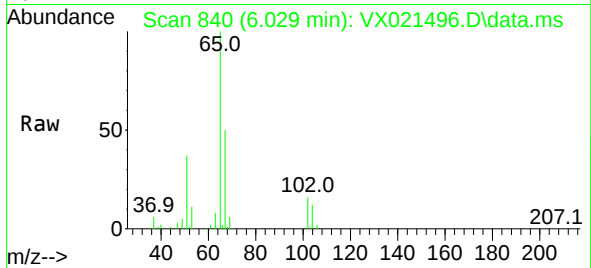




#33
1,2-Dichloroethane-d4
Concen: 51.99 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

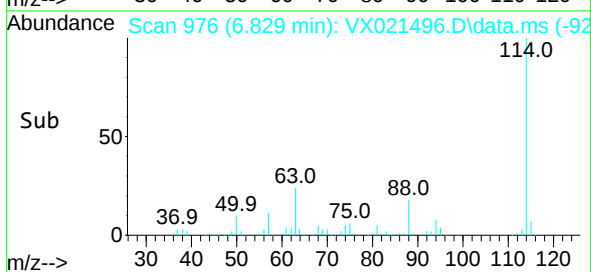
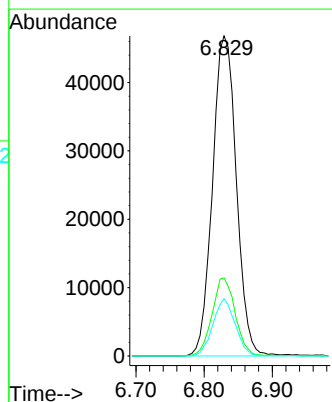
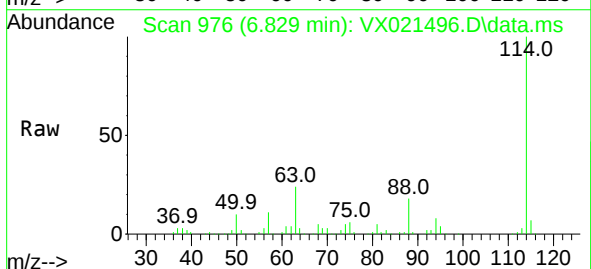
Instrument :
MSVOA_X
ClientSampled :

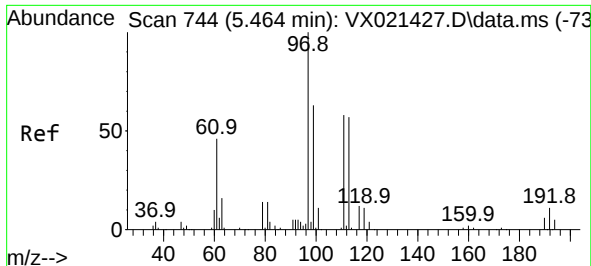
Tgt Ion: 65 Resp: 54441
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

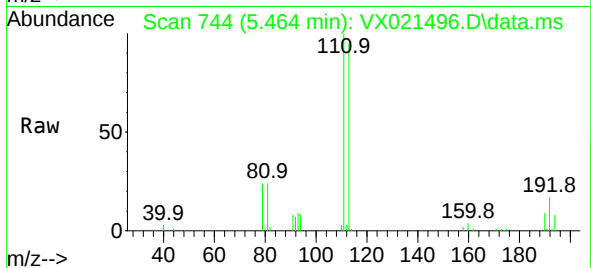
Tgt Ion: 114 Resp: 113899
Ion Ratio Lower Upper
114 100
63 24.4 0.0 40.8
88 17.9 0.0 32.8



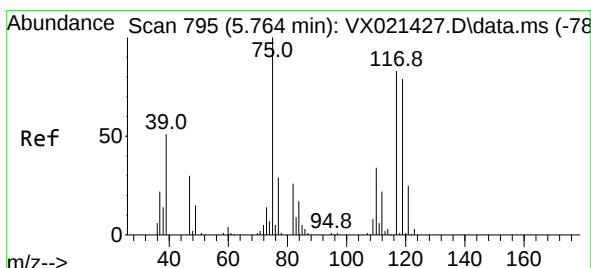
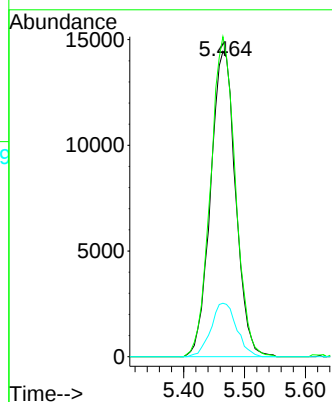
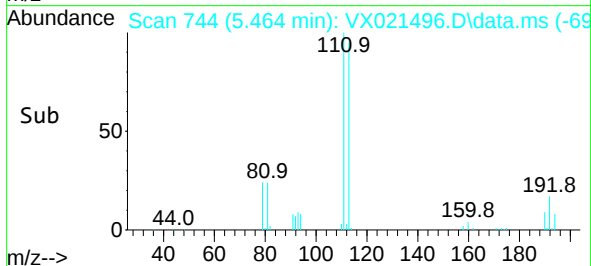


#35
Dibromofluoromethane
Concen: 50.95 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

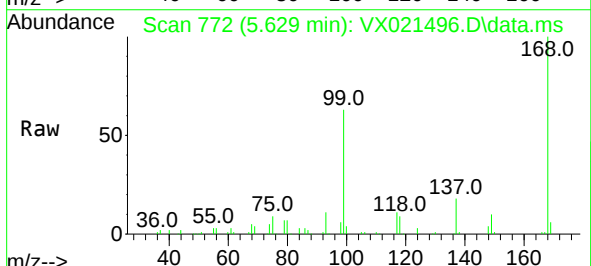
Instrument :
MSVOA_X
ClientSampled :



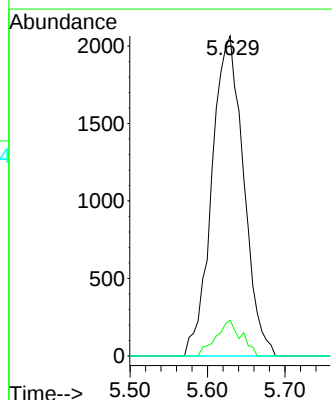
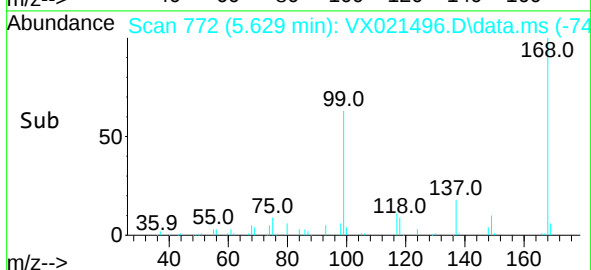
Tgt Ion:113 Resp: 41223
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 18.0 16.7 25.1

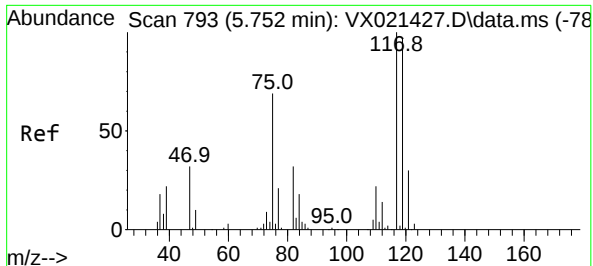


#36
1,1-Dichloropropene
Concen: 5.26 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02



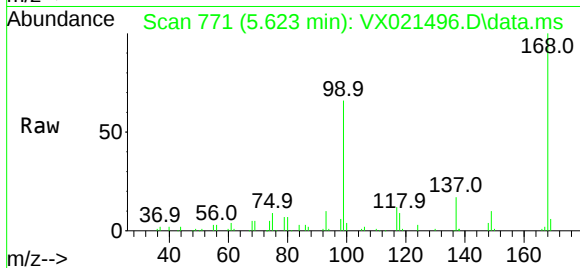
Tgt Ion: 75 Resp: 5873
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



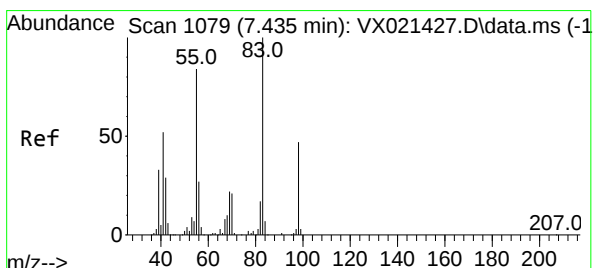
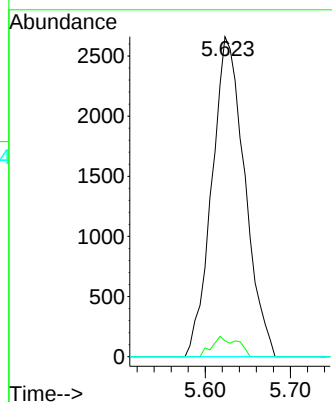
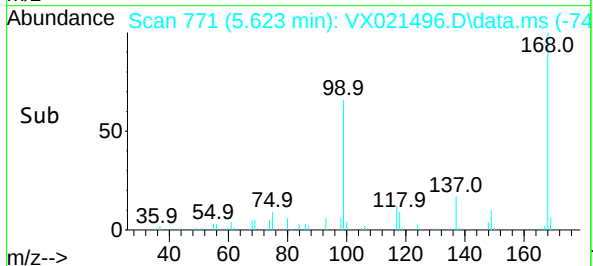


#38
Carbon Tetrachloride
Concen: 5.93 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

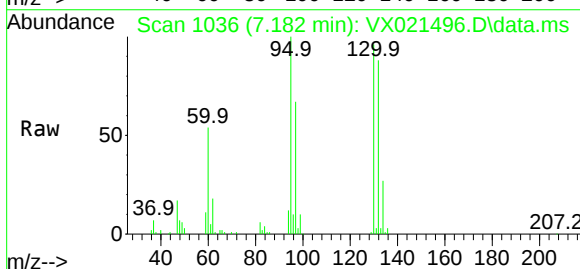
Instrument :
MSVOA_X
ClientSampled :



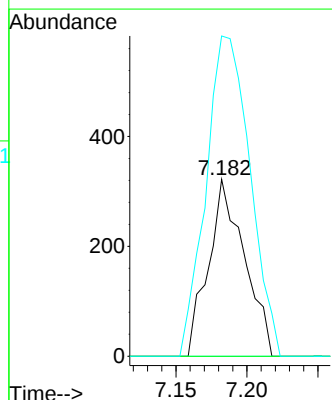
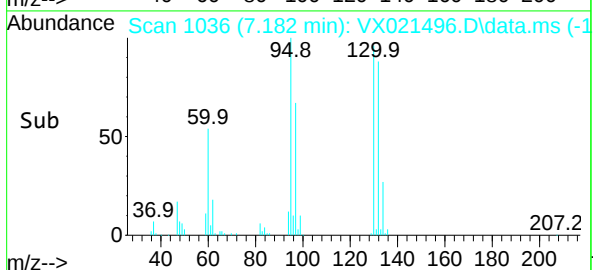
Tgt Ion:117 Resp: 7114
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

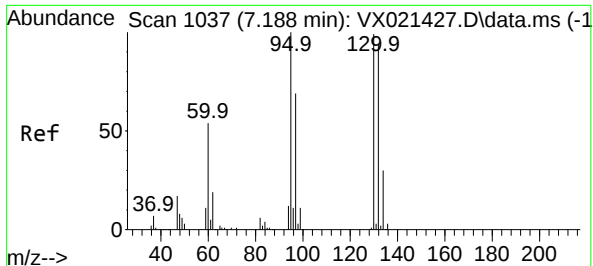


#39
Methylcyclohexane
Concen: 0.46 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.253 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02



Tgt Ion: 83 Resp: 567
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 181.1 38.1 57.1#

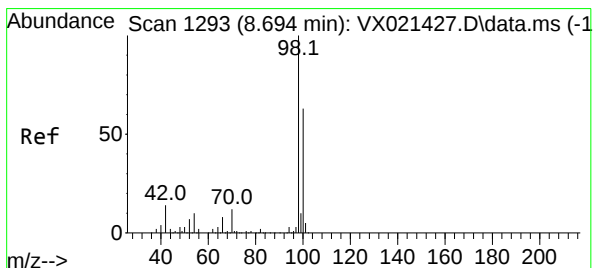
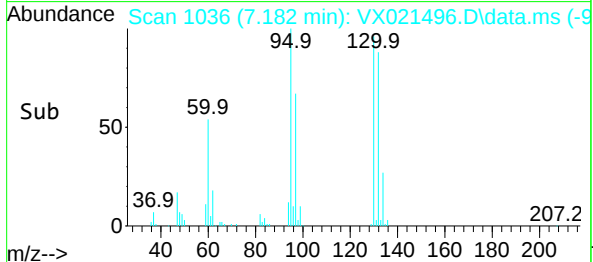
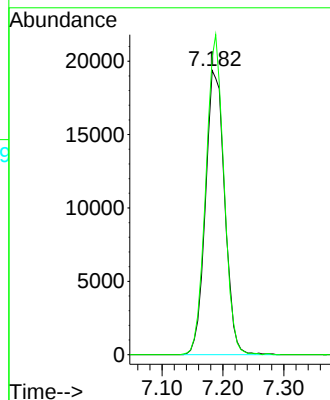
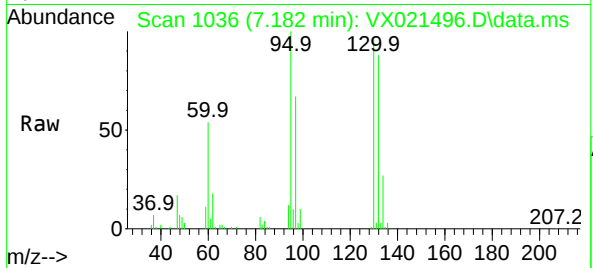




#44
Trichloroethene
Concen: 50.79 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

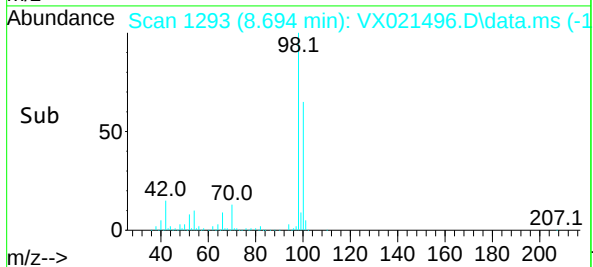
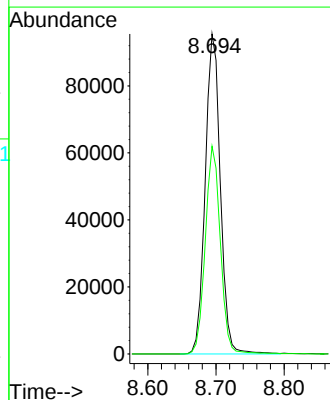
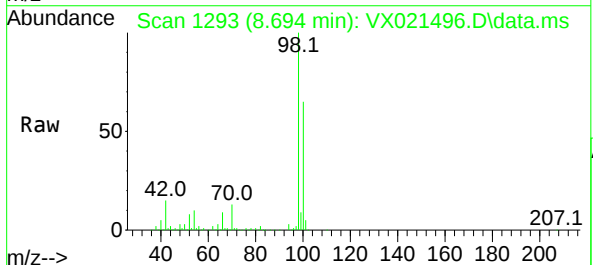
Instrument :
MSVOA_X
ClientSampled :

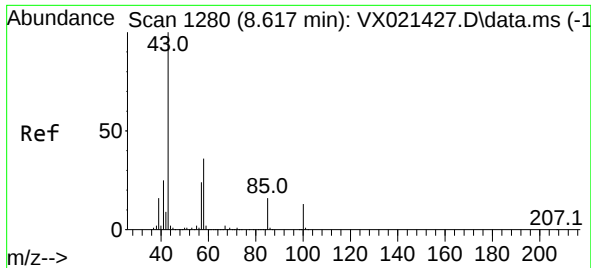
Tgt Ion:130 Resp: 42472
Ion Ratio Lower Upper
130 100
95 104.5 0.0 198.0



#50
Toluene-d8
Concen: 51.19 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

Tgt Ion: 98 Resp: 147574
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

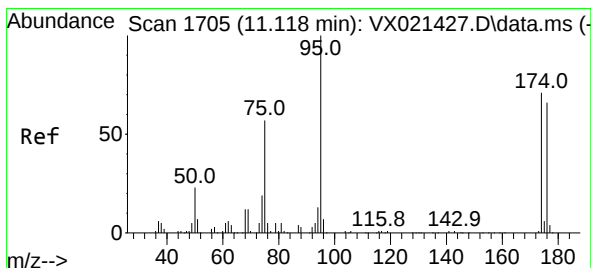
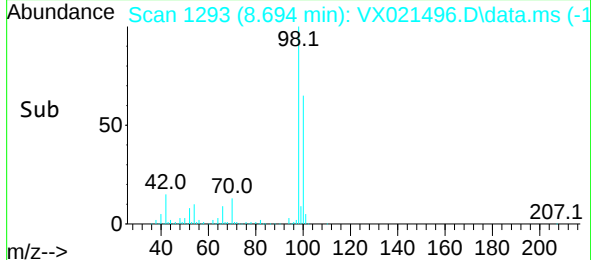
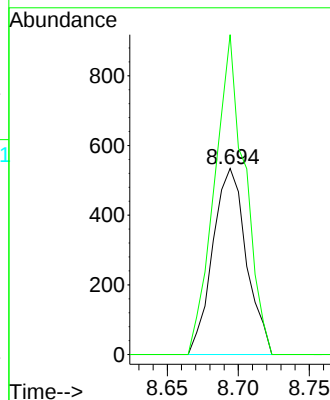
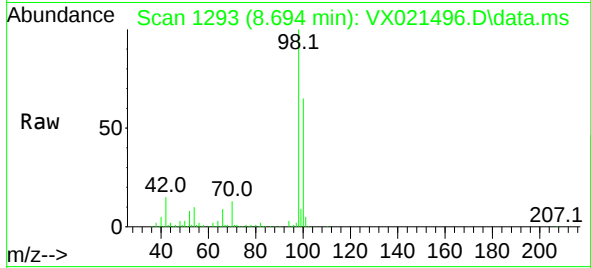




#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

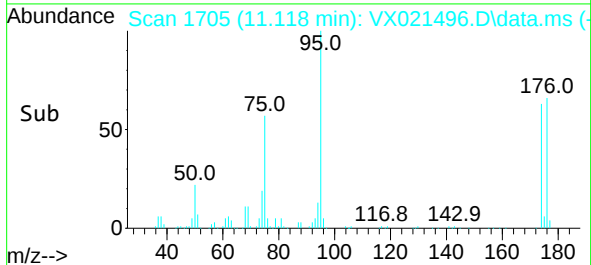
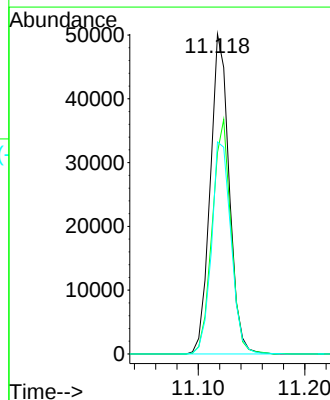
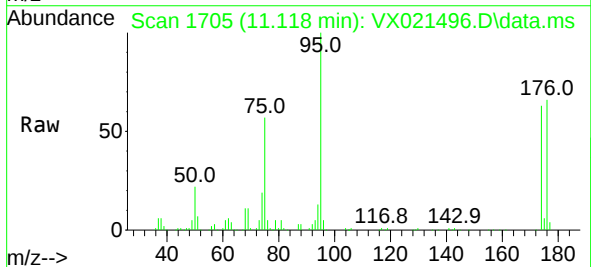
Instrument :
MSVOA_X
ClientSampled :

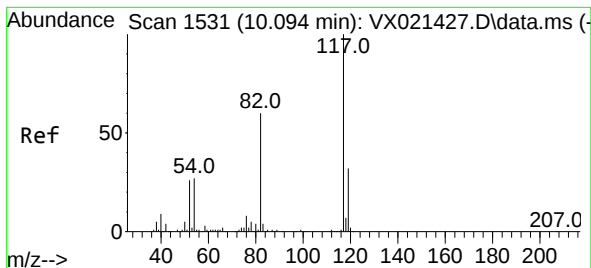
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 154.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 55.14 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

Tgt Ion: 95 Resp: 61801
Ion Ratio Lower Upper
95 100
174 72.6 0.0 154.6
176 68.4 0.0 155.8

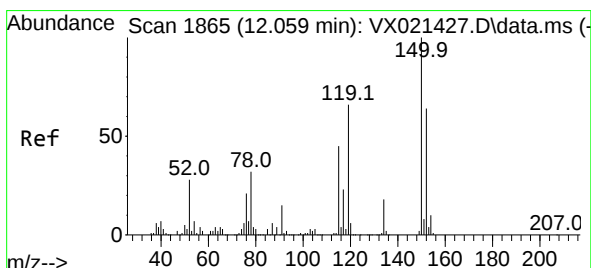
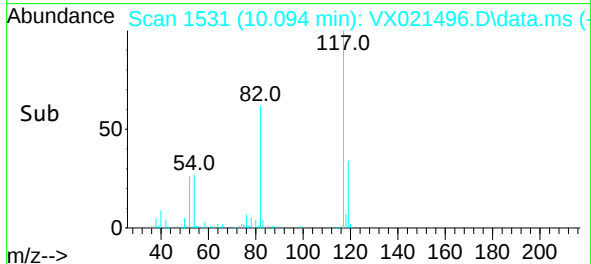
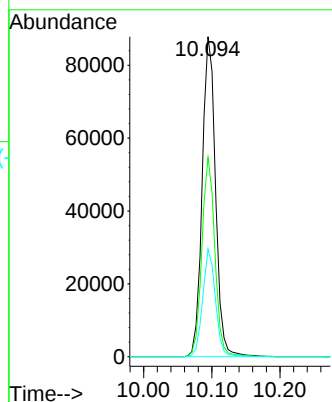
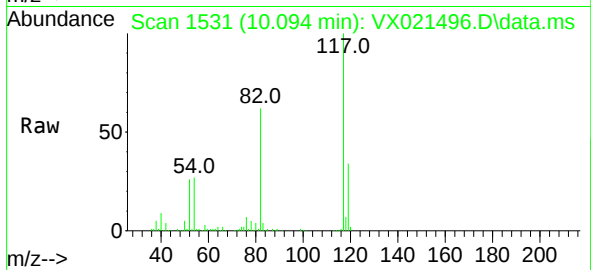




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

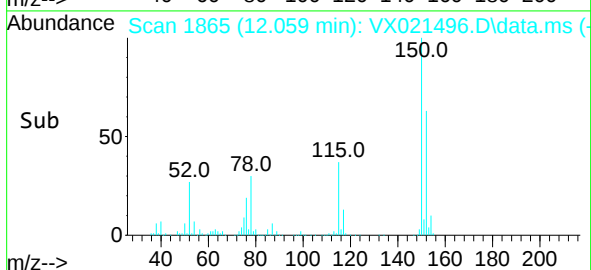
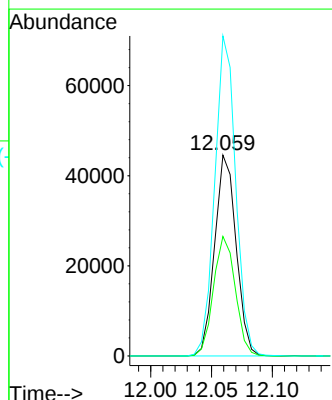
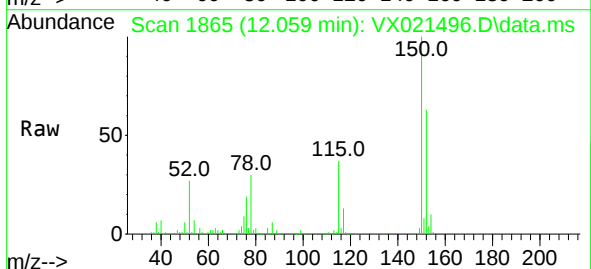
Instrument :
MSVOA_X
ClientSampleId :

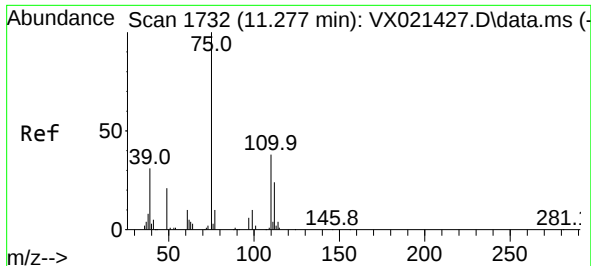
Tgt Ion:117 Resp: 119628
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 33.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

Tgt Ion:152 Resp: 54800
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 155.2 0.0 349.0

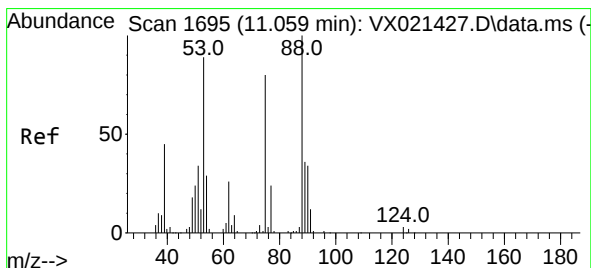
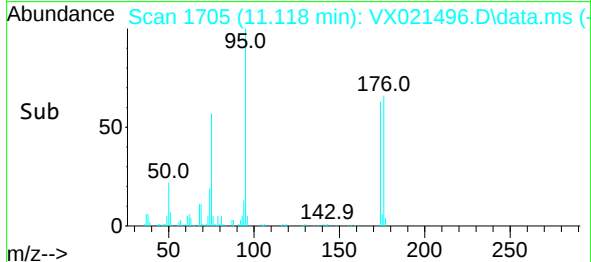
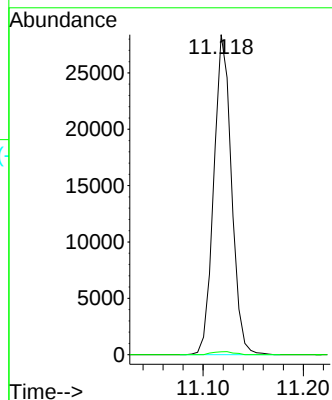
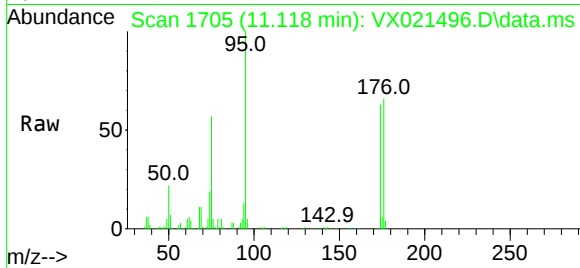




#76
1,2,3-Trichloropropane
Concen: 27.27 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 34793
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021496.D
Acq: 25 Mar 2021 19:02

Tgt Ion: 75 Resp: 34793
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

