

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024413.D
 Acq On : 22 Sep 2021 03:01
 Operator : JC/MD
 Sample : M3833-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 22 04:56:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

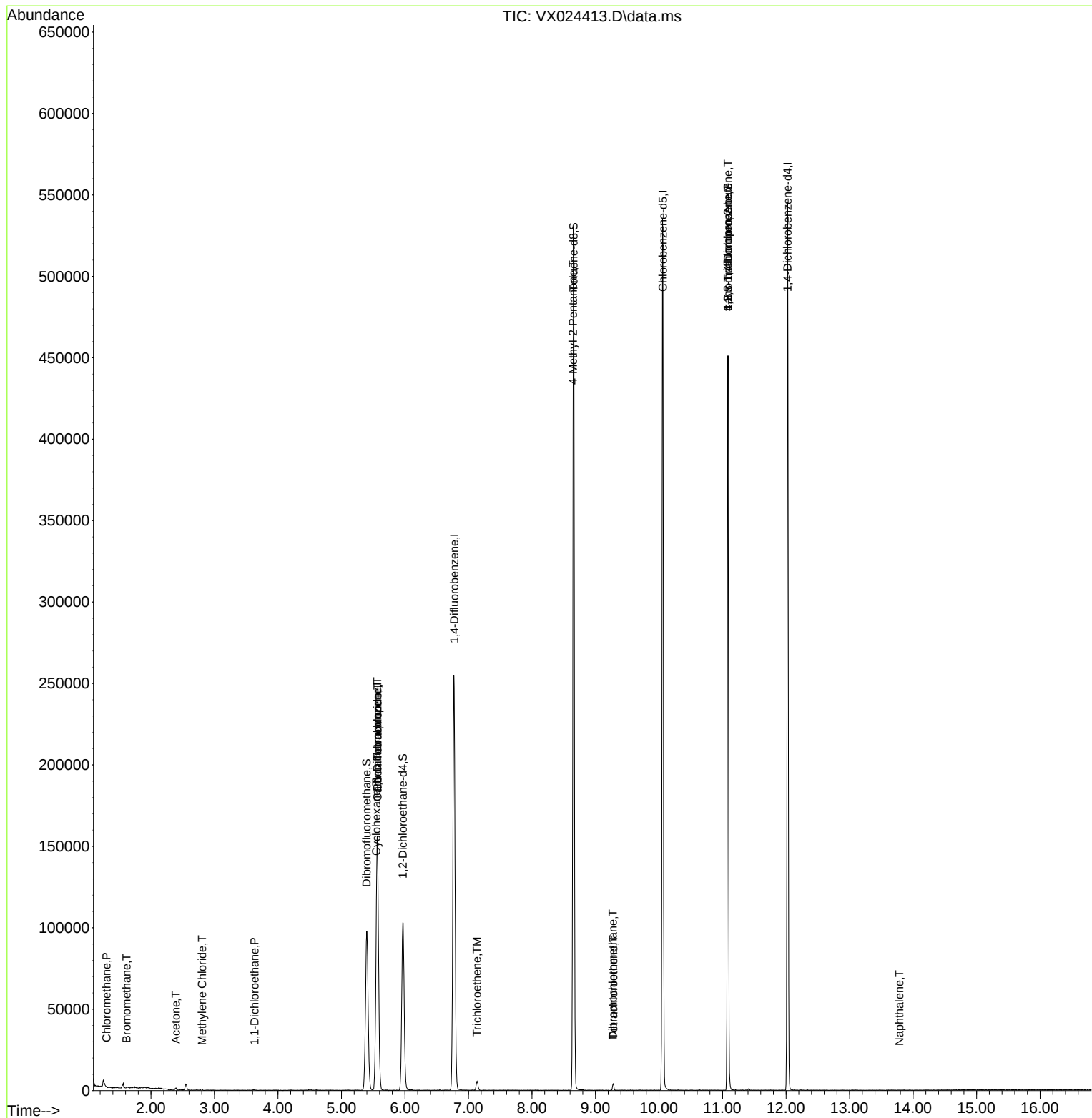
Internal Standards						
1) Pentafluorobenzene	5.562	168	143517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	256685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	242939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105065	51.339	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.680%			
35) Dibromofluoromethane	5.397	113	83809	48.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.380%			
50) Toluene-d8	8.653	98	304039	48.482	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.960%			
62) 4-Bromofluorobenzene	11.085	95	112881	46.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.500%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	338	0.235	ug/l	92
5) Bromomethane	1.618	94	464	0.544	ug/l #	47
16) Acetone	2.392	43	1530	1.753	ug/l	97
20) Methylene Chloride	2.806	84	443	0.264	ug/l #	79
24) 1,1-Dichloroethane	3.629	63	610	0.220	ug/l #	81
31) Cyclohexane	5.550	56	3061	1.279	ug/l #	40
36) 1,1-Dichloropropene	5.562	75	11571	4.903	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14445	5.438	ug/l #	16
44) Trichloroethene	7.135	130	2192	1.153	ug/l	75
51) 4-Methyl-2-Pentanone	8.647	43	1440	0.516	ug/l #	1
60) Dibromochloromethane	9.275	129	783	2.079	ug/l #	11
64) Tetrachloroethene	9.281	164	850	0.452	ug/l #	71
76) 1,2,3-Trichloropropane	11.085	75	60750	23.776	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	60750	69.926	ug/l #	12
95) Naphthalene	13.786	128	55	1.294	ug/l #	69

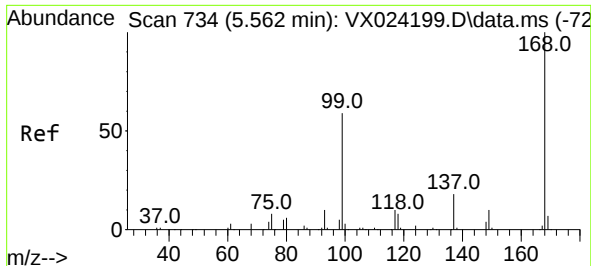
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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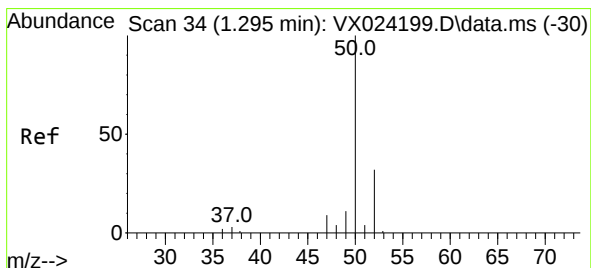
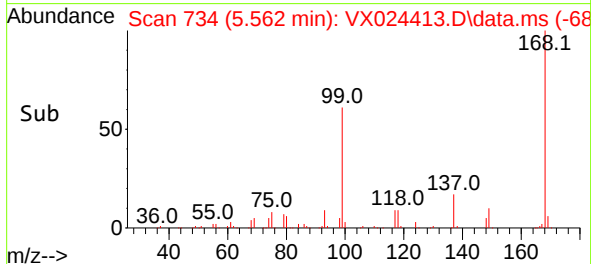
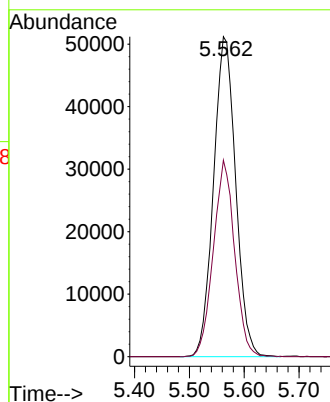
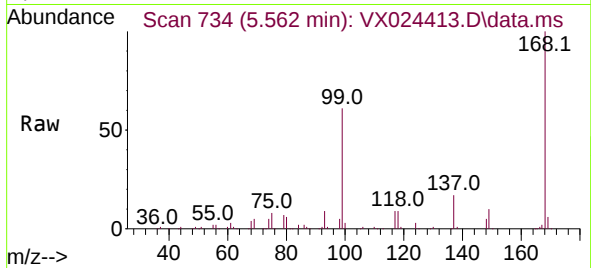




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

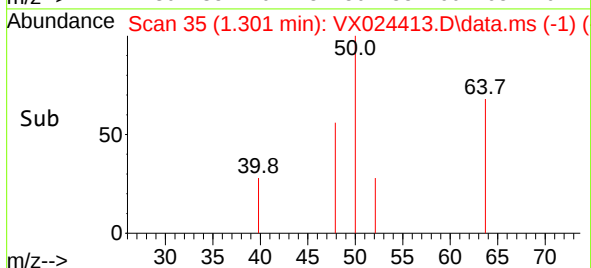
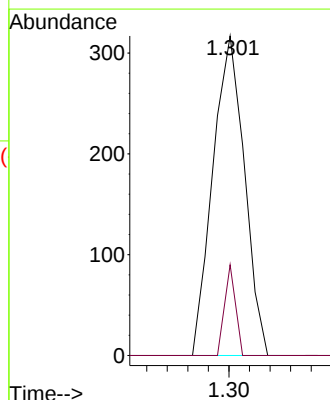
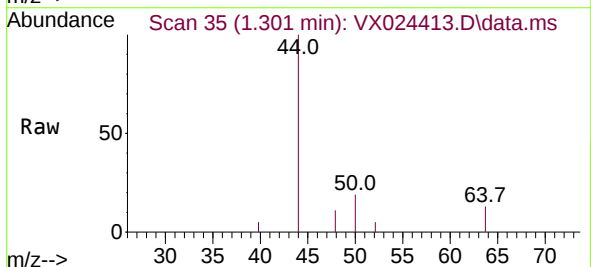
Instrument :
MSVOA_N
ClientSampled :

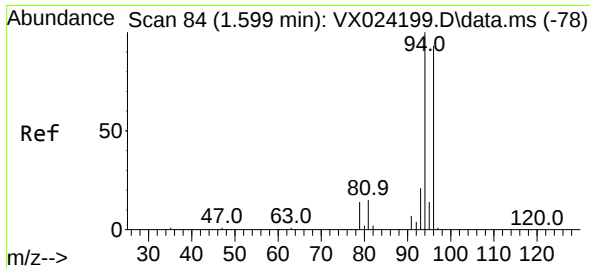
Tgt Ion:168 Resp: 143517
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#3
Chloromethane
Concen: 0.235 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

Tgt Ion: 50 Resp: 338
Ion Ratio Lower Upper
50 100
52 28.4 26.4 39.6

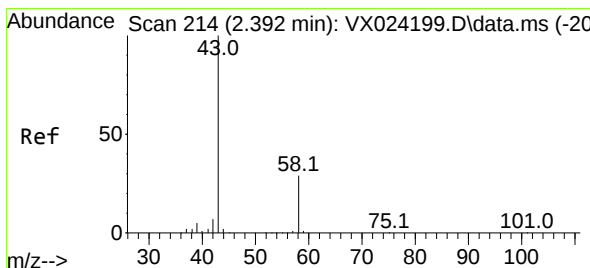
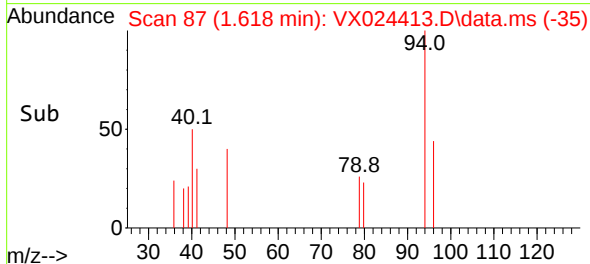
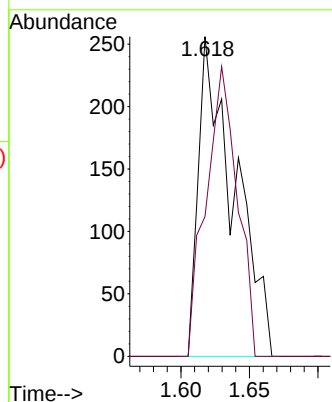
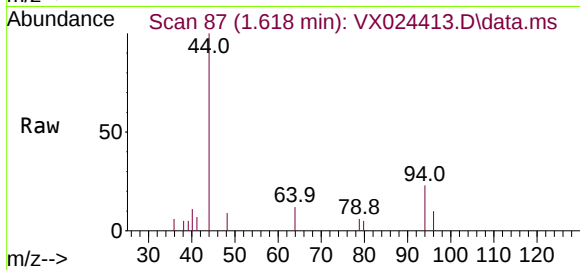




#5
Bromomethane
Concen: 0.544 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

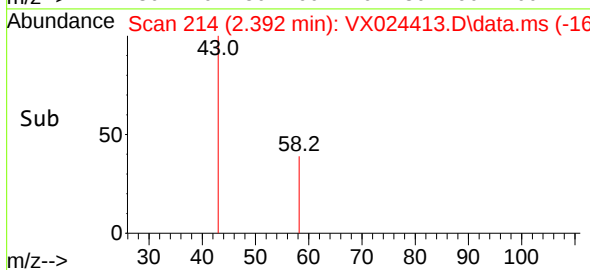
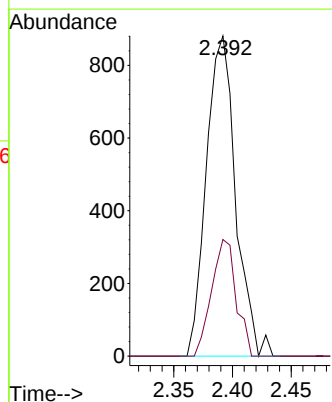
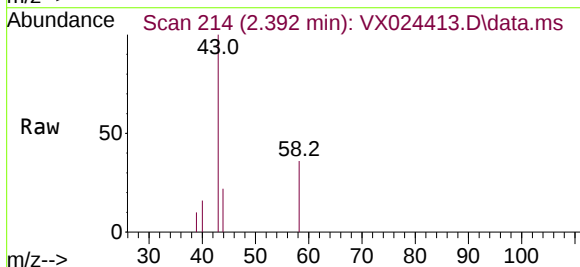
Instrument :
MSVOA_N
ClientSampleId :

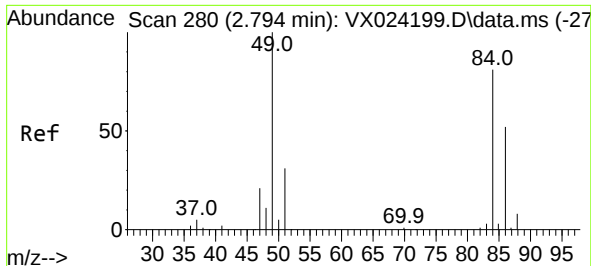
Tgt Ion: 94 Resp: 464
Ion Ratio Lower Upper
94 100
96 43.8 76.4 114.6#



#16
Acetone
Concen: 1.753 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

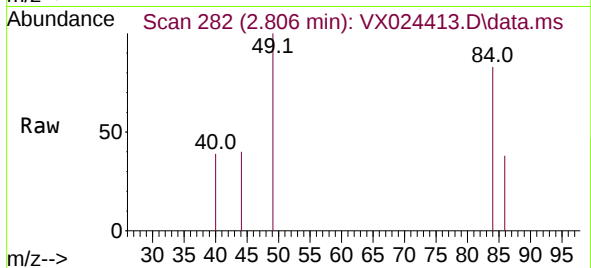
Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 36.4 27.8 41.8





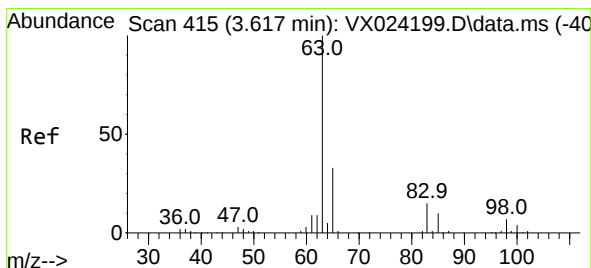
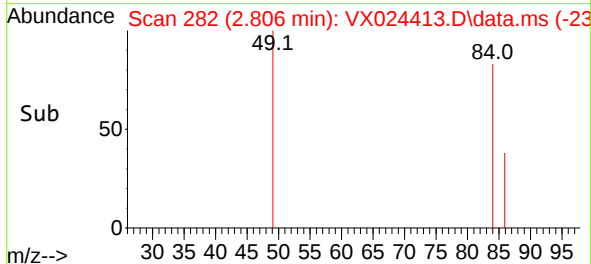
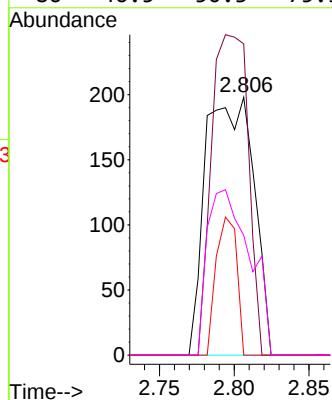
#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

Instrument :
MSVOA_N
ClientSampled :

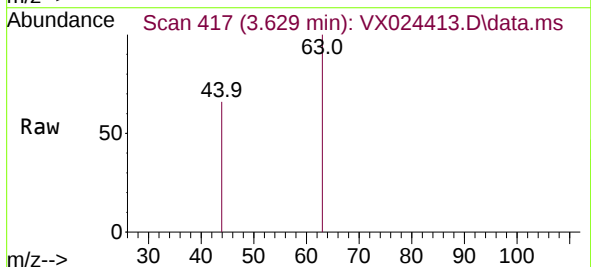


Tgt Ion: 84 Resp: 443

Ion	Ratio	Lower	Upper
84	100		
49	120.7	88.6	132.8
51	0.0	27.0	40.6#
86	46.5	50.3	75.5#

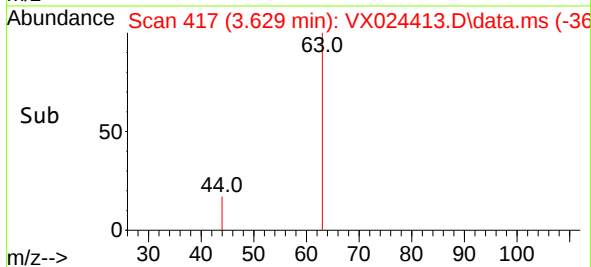
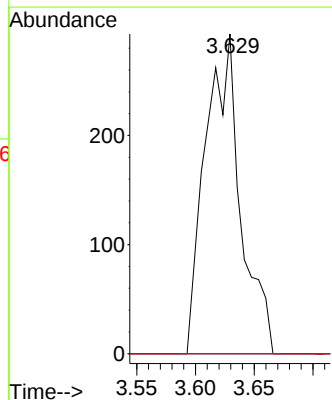


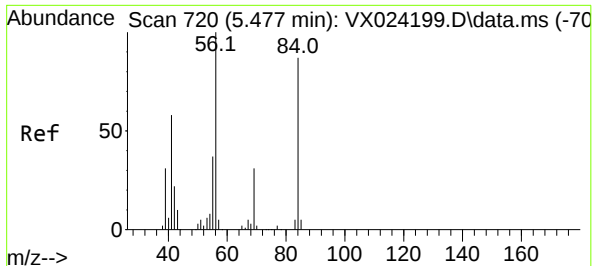
#24
1,1-Dichloroethane
Concen: 0.220 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.012 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01



Tgt Ion: 63 Resp: 610

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	0.0	2.5	7.5#

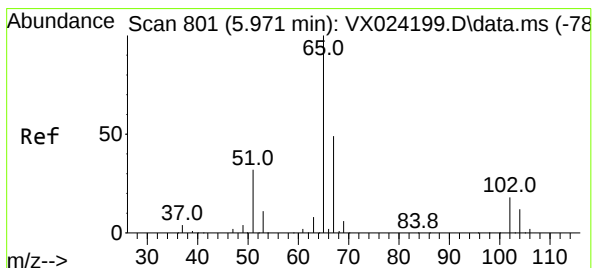
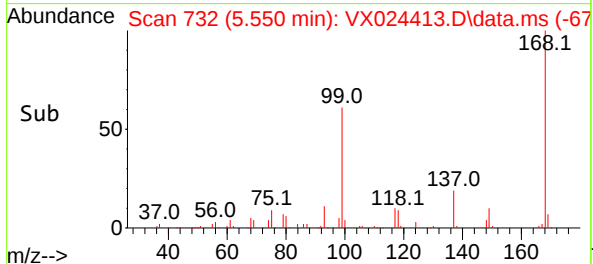
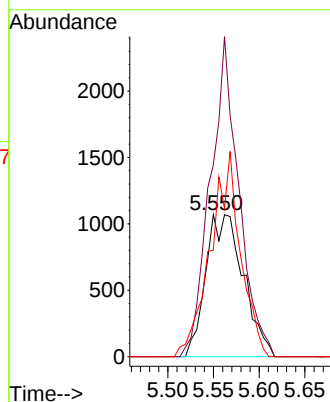
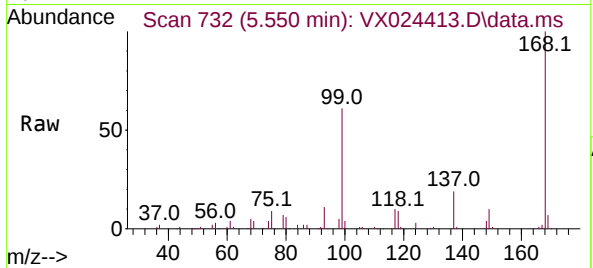




#31
Cyclohexane
Concen: 1.279 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

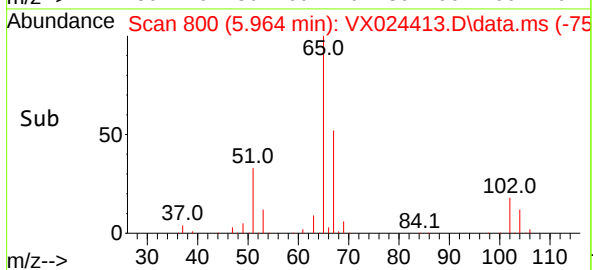
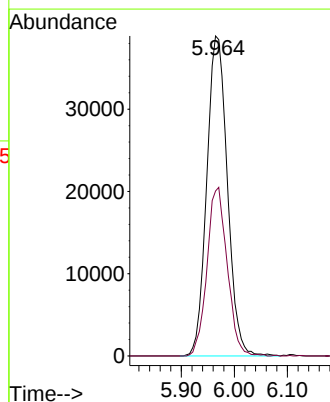
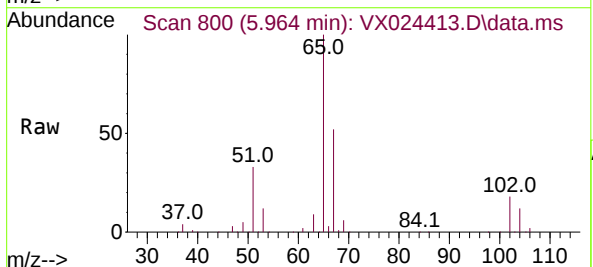
Instrument :
MSVOA_N
ClientSampled :

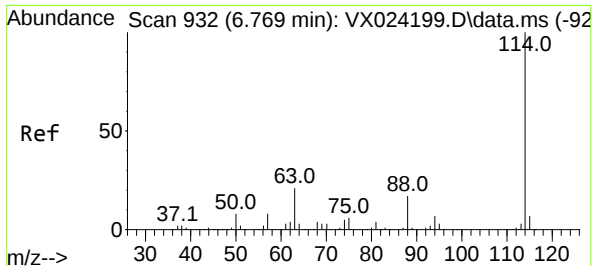
Tgt Ion: 56 Resp: 3061
Ion Ratio Lower Upper
56 100
69 135.1 25.3 37.9#
84 75.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.339 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

Tgt Ion: 65 Resp: 105065
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

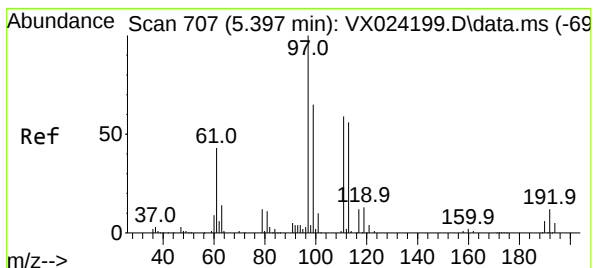
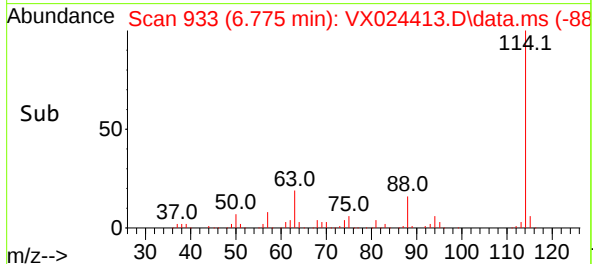
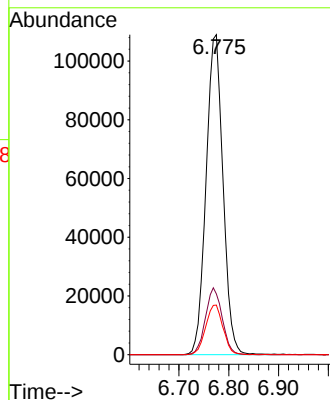
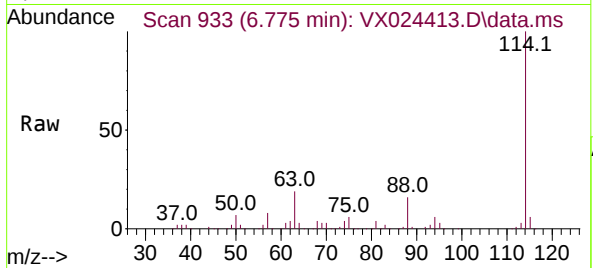




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

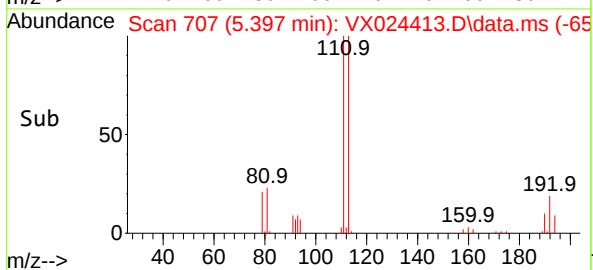
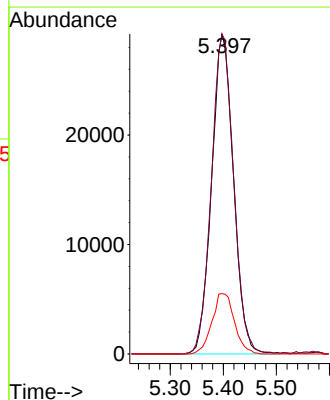
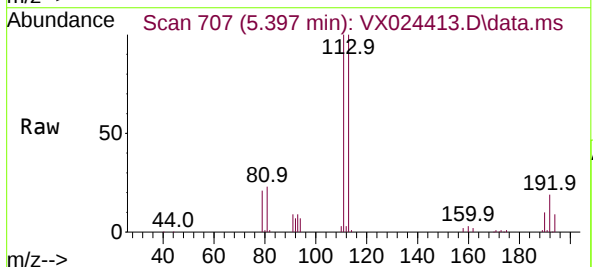
Instrument :
MSVOA_N
ClientSampleId :

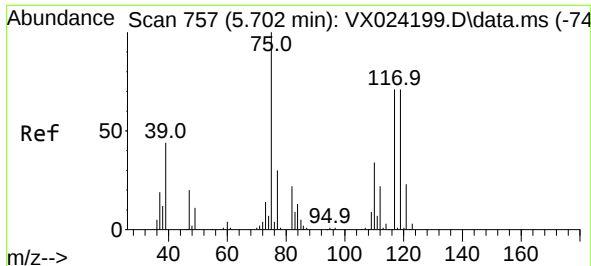
Tgt Ion:114 Resp: 256685
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.685 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

Tgt Ion:113 Resp: 83809
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.4 16.7 25.1

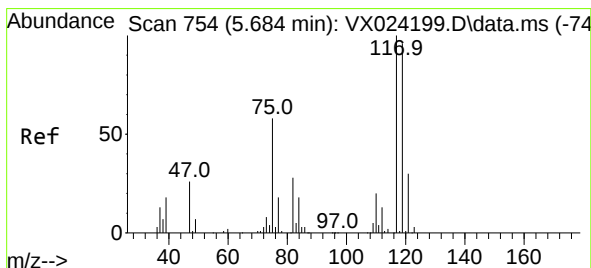
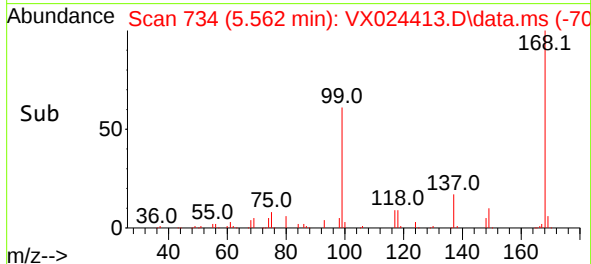
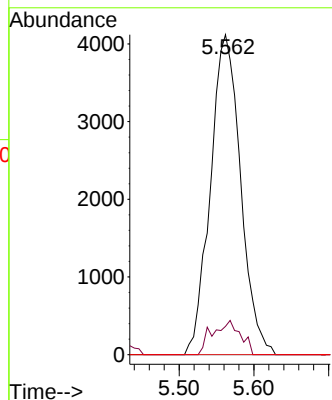
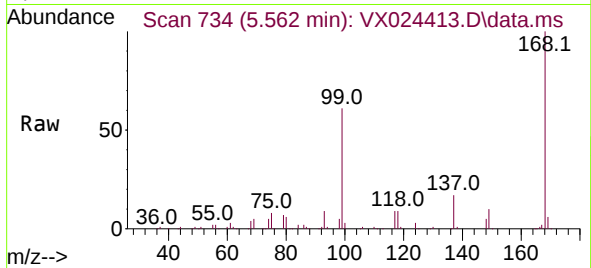




#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

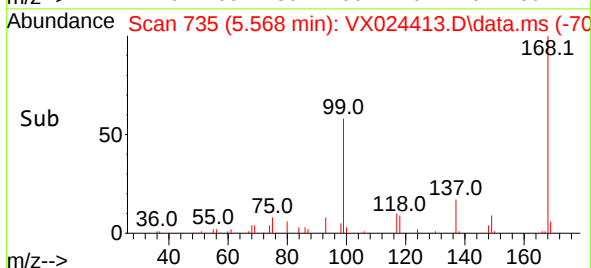
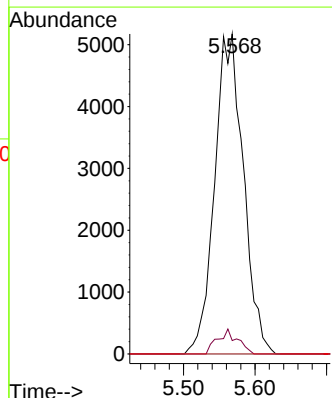
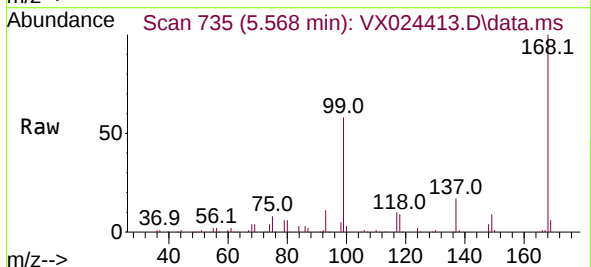
Instrument :
MSVOA_N
ClientSampled :

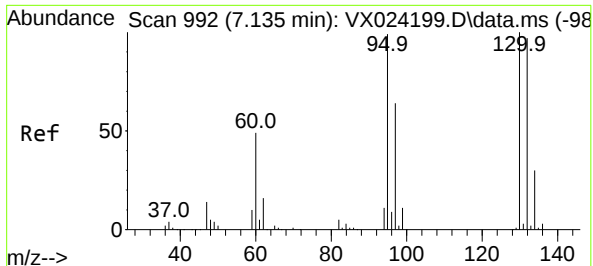
Tgt Ion: 75 Resp: 11571
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.438 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

Tgt Ion: 117 Resp: 14445
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

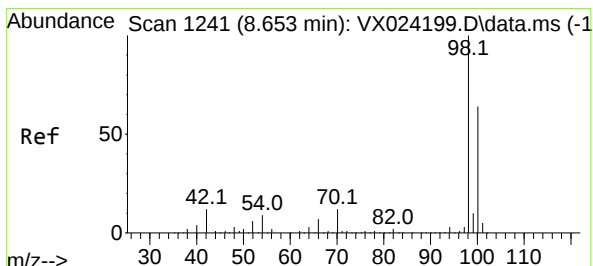
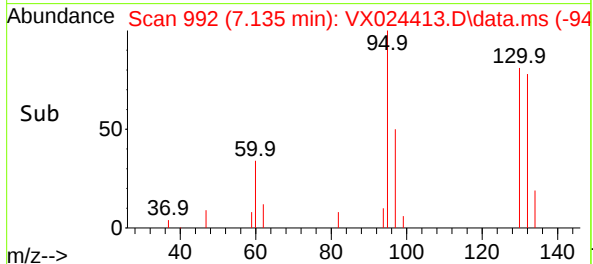
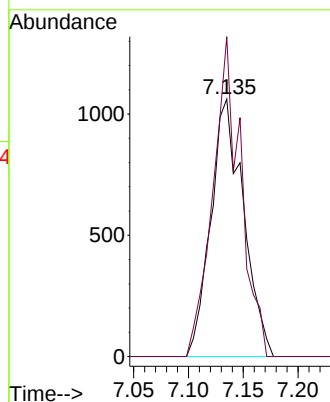
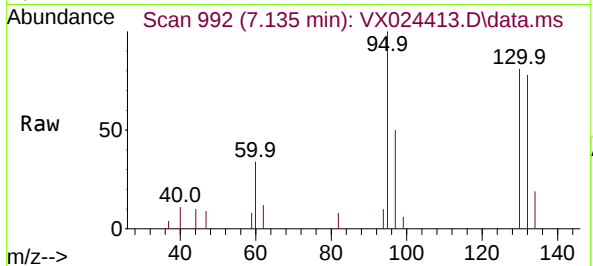




#44
Trichloroethene
Concen: 1.153 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

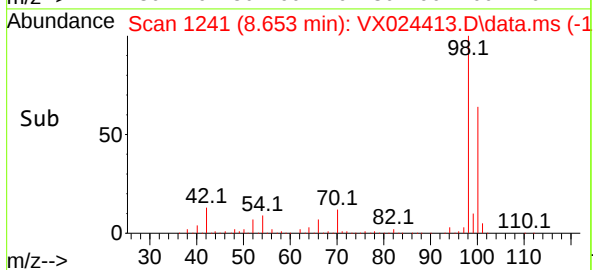
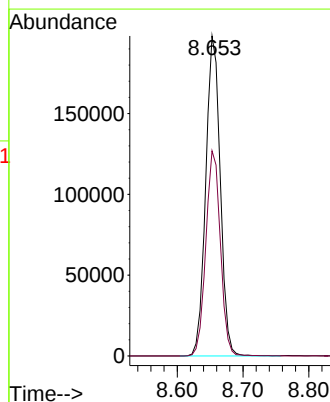
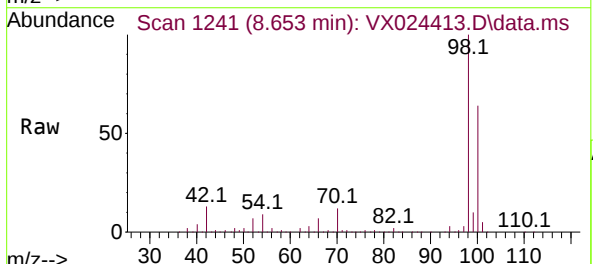
Instrument :
MSVOA_N
ClientSampled :

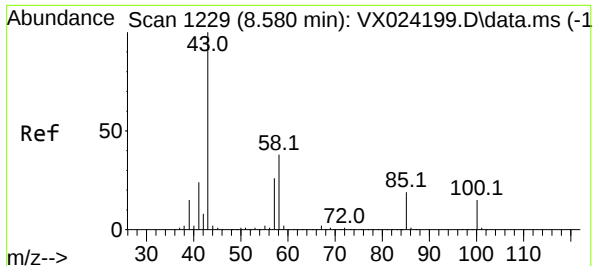
Tgt Ion:130 Resp: 2192
Ion Ratio Lower Upper
130 100
95 124.2 0.0 198.0



#50
Toluene-d8
Concen: 48.482 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

Tgt Ion: 98 Resp: 304039
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

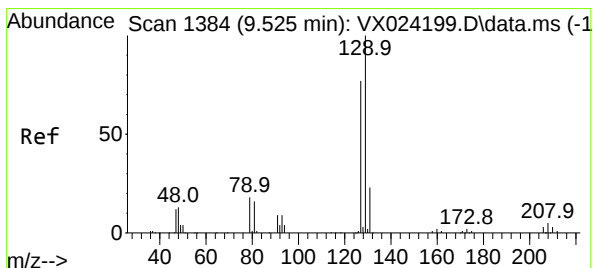
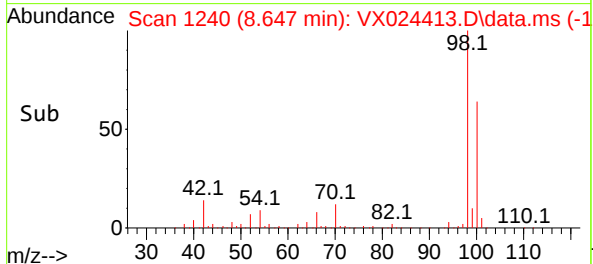
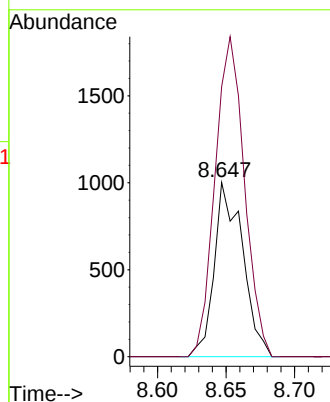
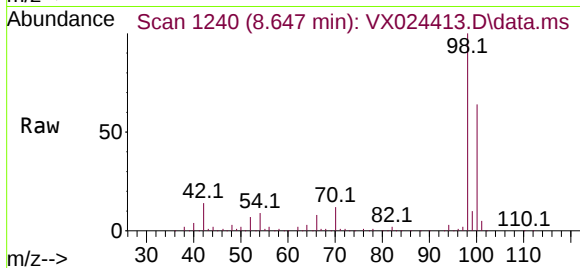




#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

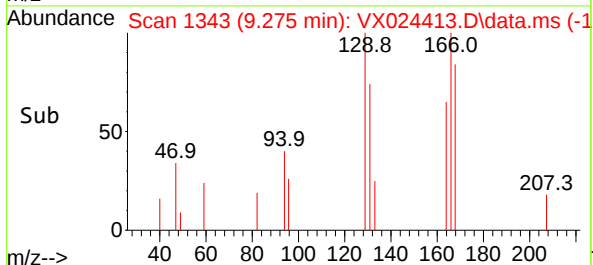
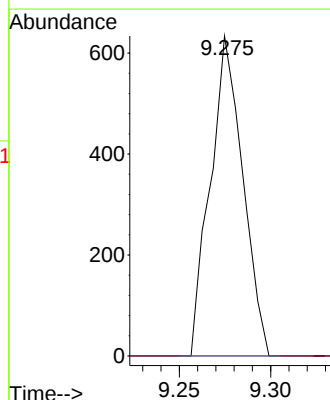
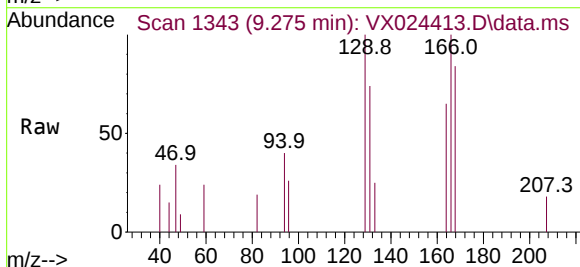
Instrument :
MSVOA_N
ClientSampleId :

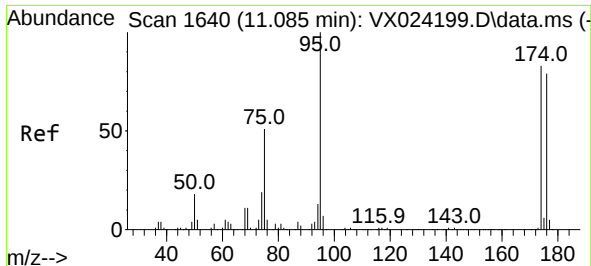
Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 190.5 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.079 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

Tgt Ion: 129 Resp: 783
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

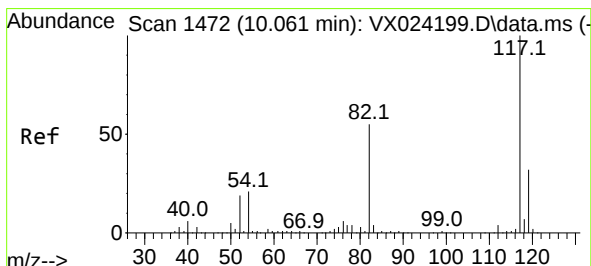
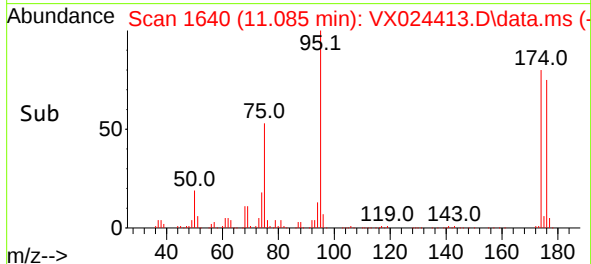
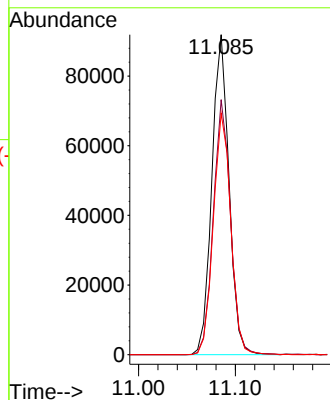
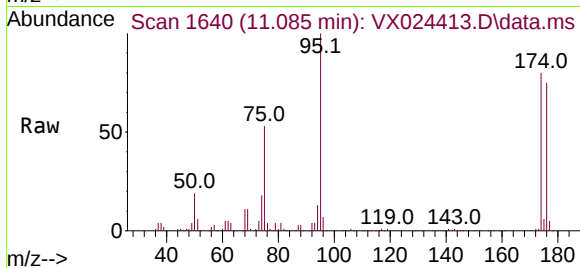




#62
4-Bromofluorobenzene
Concen: 46.253 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

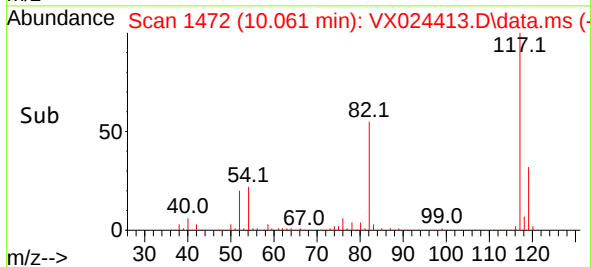
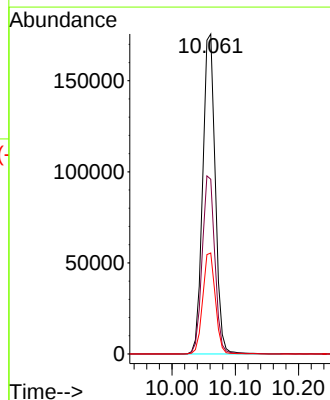
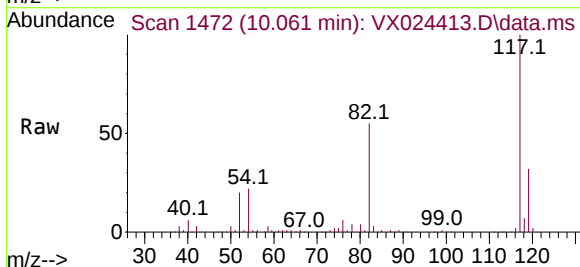
Instrument :
MSVOA_N
ClientSampleId :

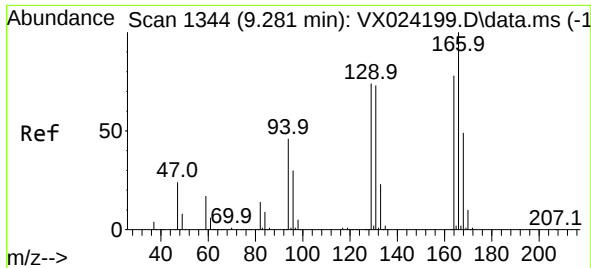
Tgt Ion: 95 Resp: 112881
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 77.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

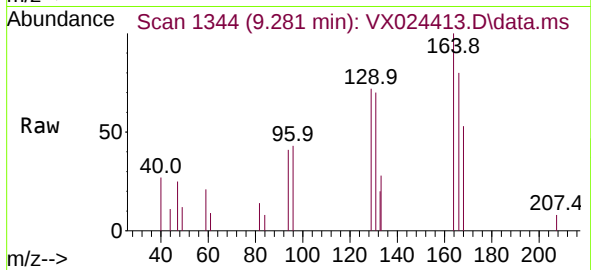
Tgt Ion: 117 Resp: 242939
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 31.5 26.6 39.8



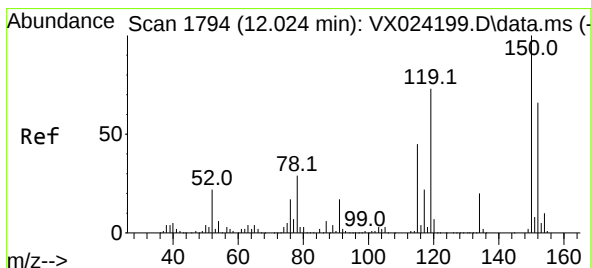
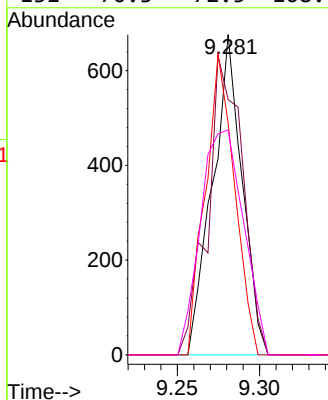
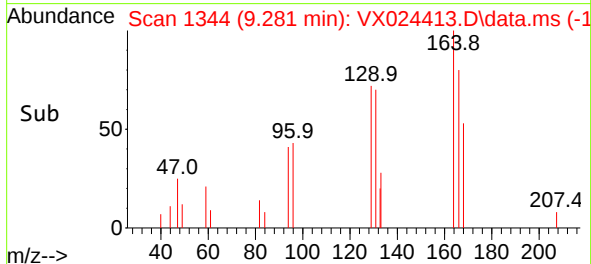


#64
Tetrachloroethene
Concen: 0.452 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

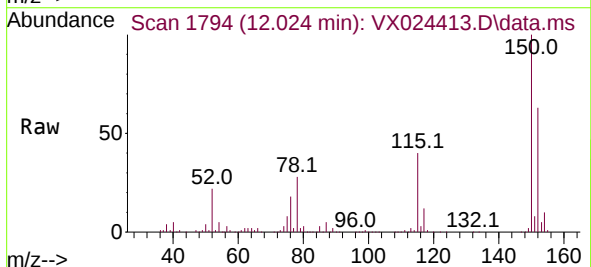
Instrument :
MSVOA_N
ClientSampleId :



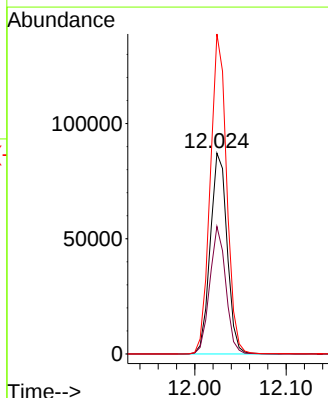
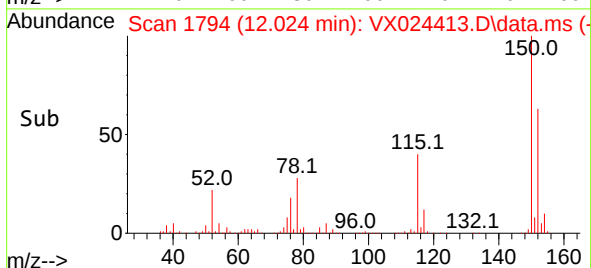
Tgt Ion:	164	Resp:	850
Ion	Ratio	Lower	Upper
164	100		
166	79.7	103.4	155.2#
129	72.5	70.8	106.2
131	70.3	72.5	108.7#

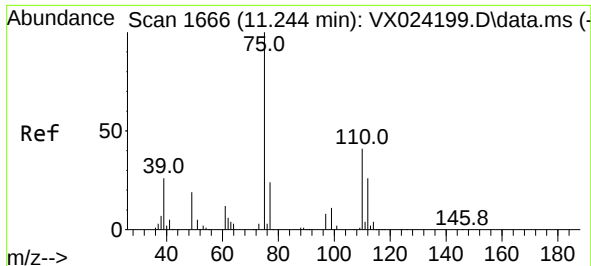


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01



Tgt Ion:	152	Resp:	111119
Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	155.8	0.0	349.0

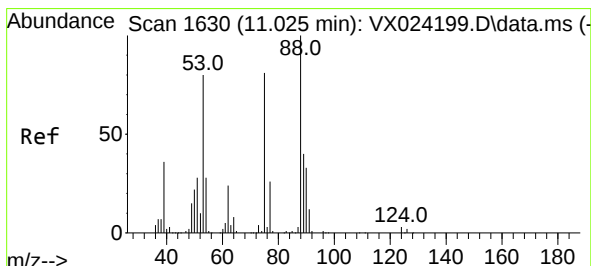
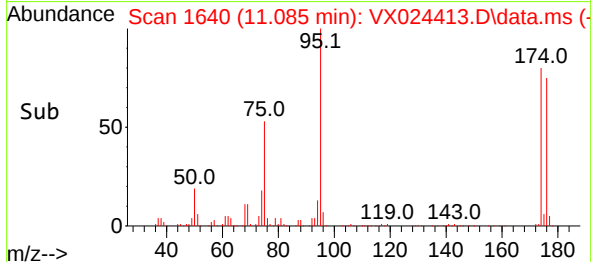
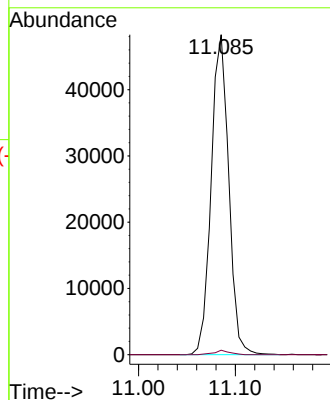
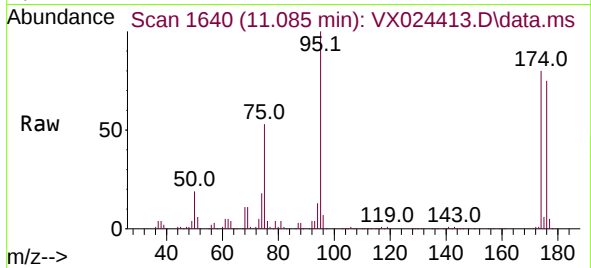




#76
1,2,3-Trichloropropane
Concen: 23.776 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

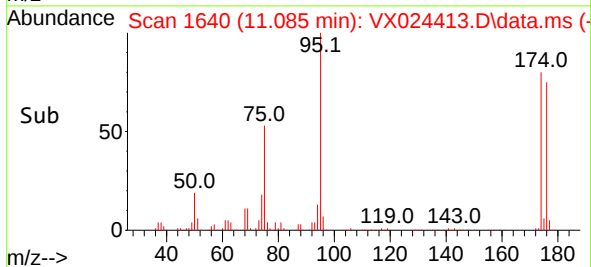
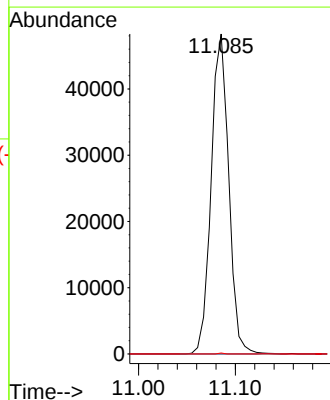
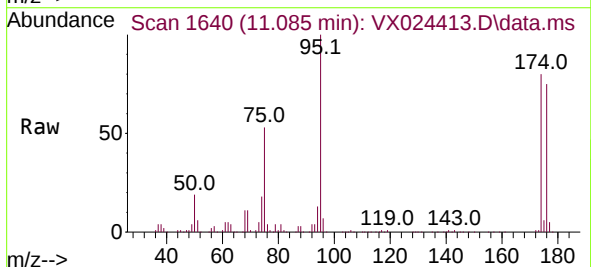
Instrument :
MSVOA_N
ClientSampled :

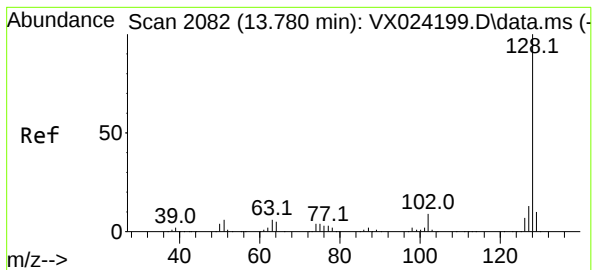
Tgt Ion: 75 Resp: 60750
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.926 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

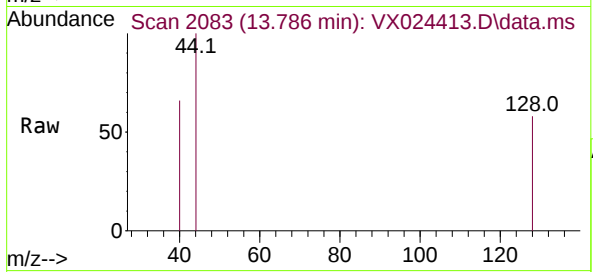
Tgt Ion: 75 Resp: 60750
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.294 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024413.D
Acq: 22 Sep 2021 03:01

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 55
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

