

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046985.D
 Acq On : 14 Jul 2025 19:17
 Operator : JC/MD
 Sample : Q2595-01
 Misc : 4.17g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT-24849

Quant Time: Jul 15 01:26:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

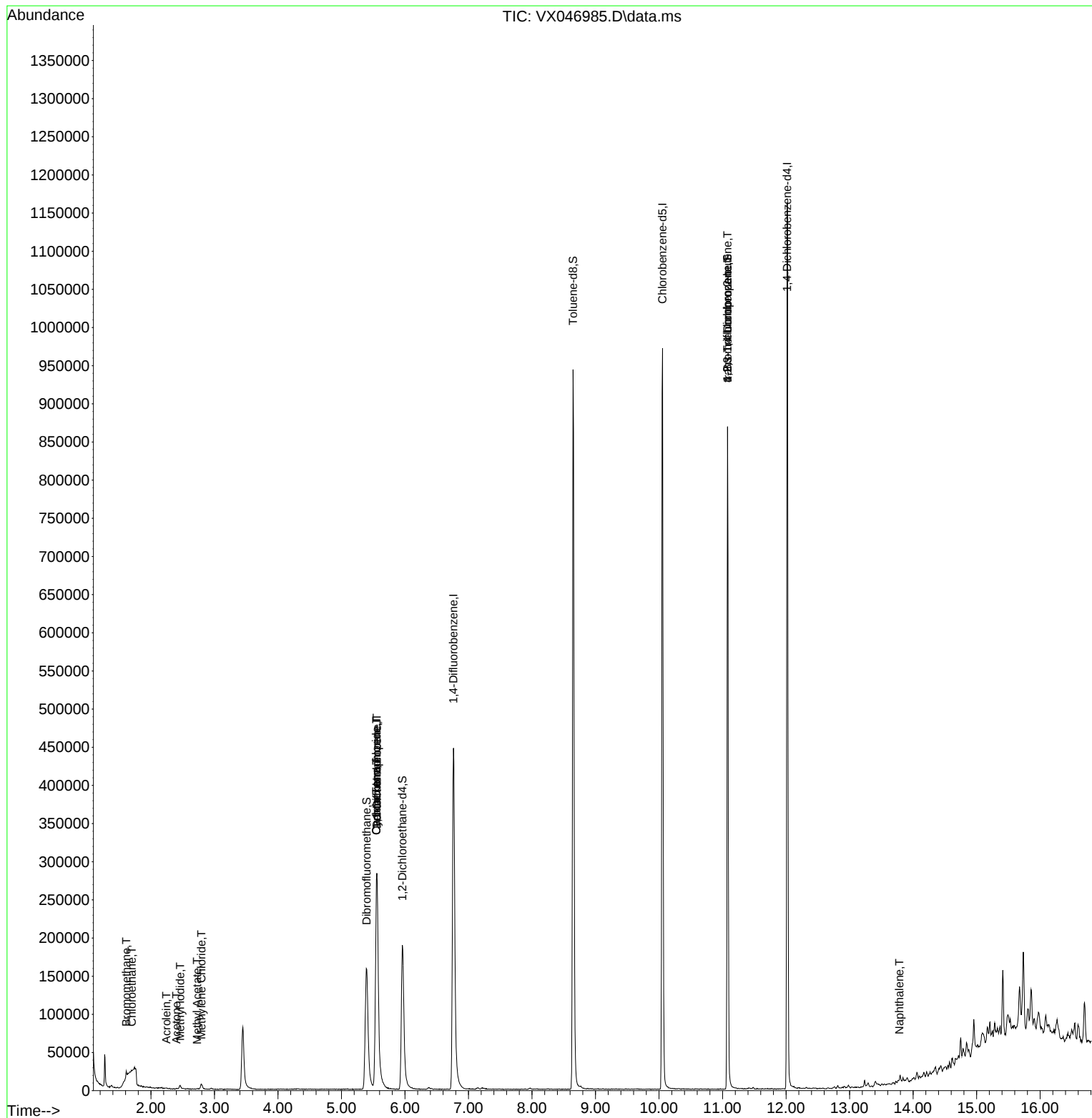
Internal Standards						
1) Pentafluorobenzene	5.556	168	301208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	504619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	236992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206364	51.860	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.720%			
35) Dibromofluoromethane	5.397	113	161631	47.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.380%			
50) Toluene-d8	8.647	98	584752	48.385	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.760%			
62) 4-Bromofluorobenzene	11.079	95	237400	51.686	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.380%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	3711	1.685	ug/l	92
6) Chloroethane	1.697	64	495	0.219	ug/l #	56
10) Methyl Iodide	2.459	142	5548	1.508	ug/l	96
13) Acrolein	2.239	56	48	3.000	ug/l #	47
16) Acetone	2.398	43	622	0.503	ug/l #	67
18) Methyl Acetate	2.727	43	1409	0.432	ug/l #	73
20) Methylene Chloride	2.794	84	3197	0.875	ug/l	89
31) Cyclohexane	5.550	56	3429	0.603	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24889	5.385	ug/l #	50
38) Carbon Tetrachloride	5.550	117	31111	6.367	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	120344	32.864	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	120344	88.191	ug/l #	8
95) Naphthalene	13.786	128	3551	0.264	ug/l #	91

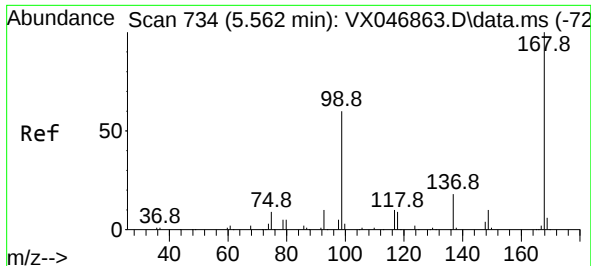
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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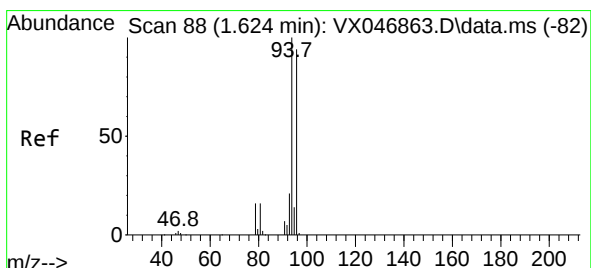
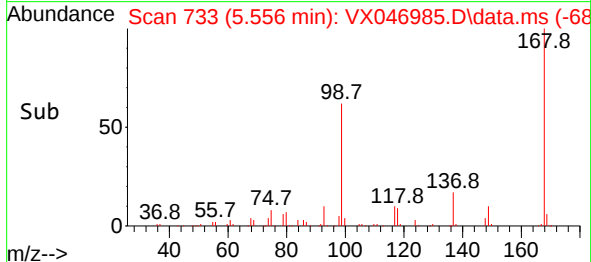
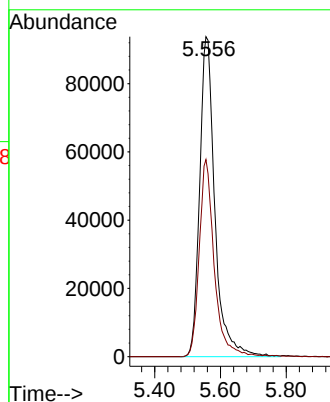
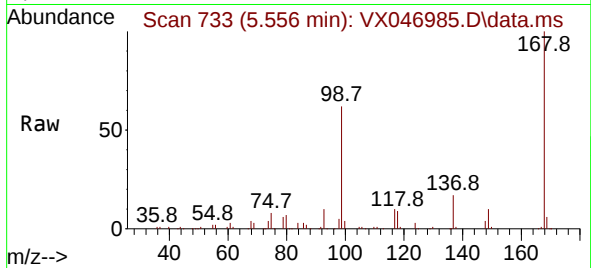




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

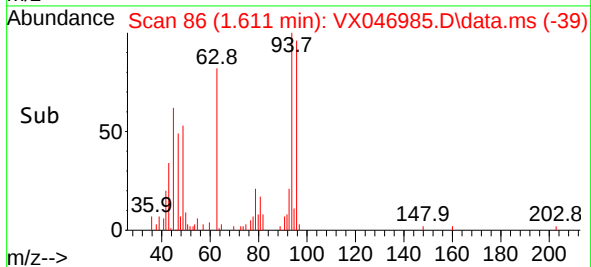
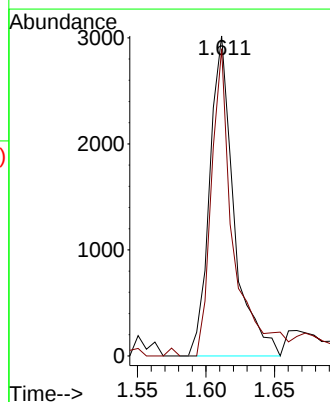
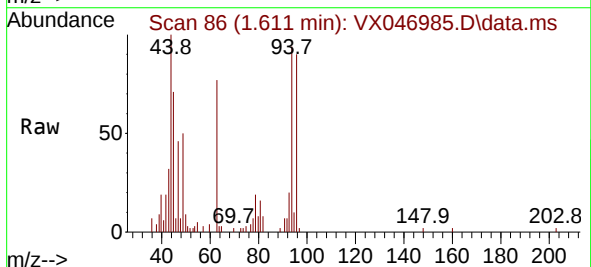
Instrument :
MSVOA_X
ClientSampleId :
CHRT-24849

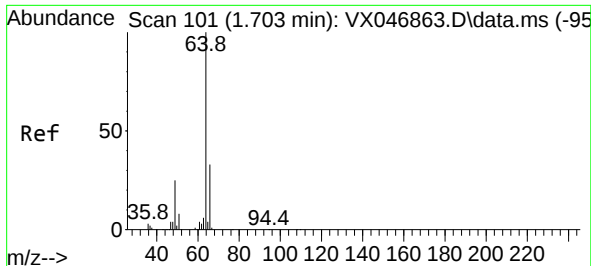
Tgt Ion:168 Resp: 301208
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#5
Bromomethane
Concen: 1.685 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.012 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

Tgt Ion: 94 Resp: 3711
Ion Ratio Lower Upper
94 100
96 86.7 75.5 113.3

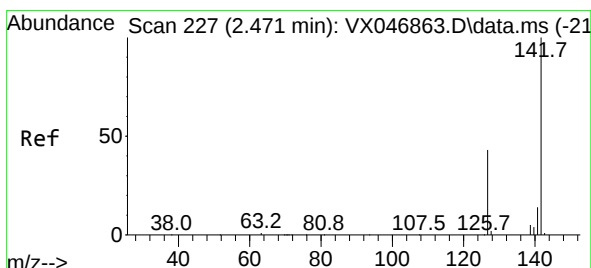
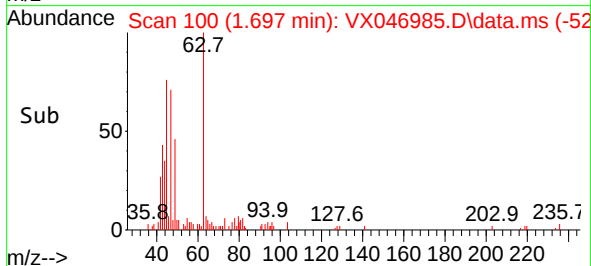
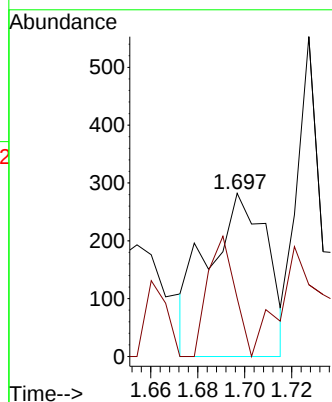
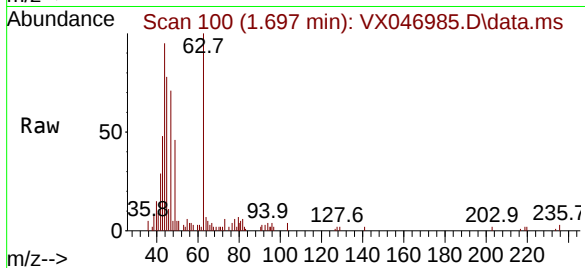




#6
Chloroethane
Concen: 0.219 ug/l
RT: 1.697 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

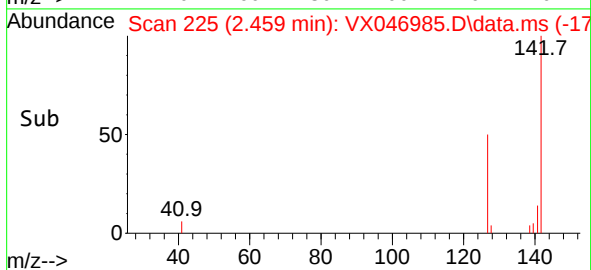
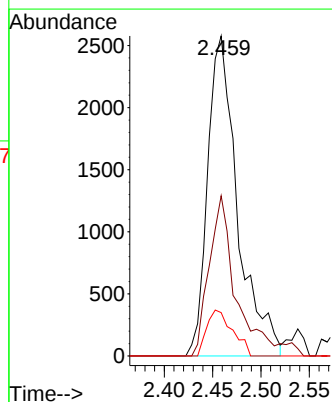
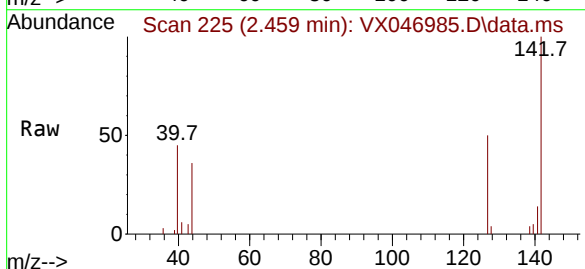
Instrument :
MSVOA_X
ClientSampleId :
CHRT-24849

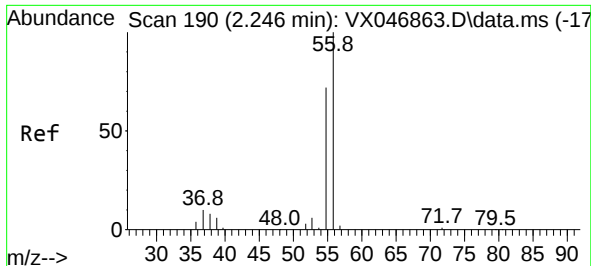
Tgt Ion: 64 Resp: 495
Ion Ratio Lower Upper
64 100
66 58.0 26.4 39.6#



#10
Methyl Iodide
Concen: 1.508 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.012 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

Tgt Ion: 142 Resp: 5548
Ion Ratio Lower Upper
142 100
127 46.2 34.9 52.3
141 12.3 11.1 16.7

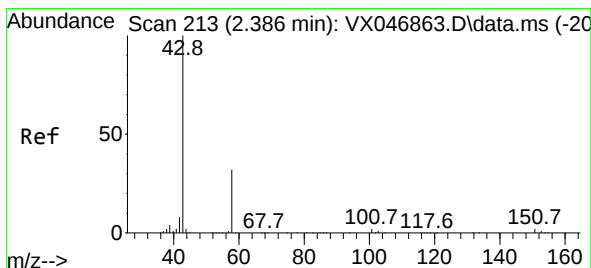
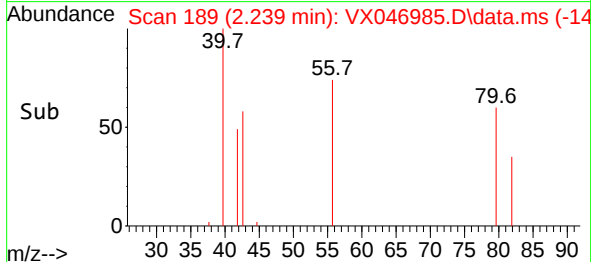
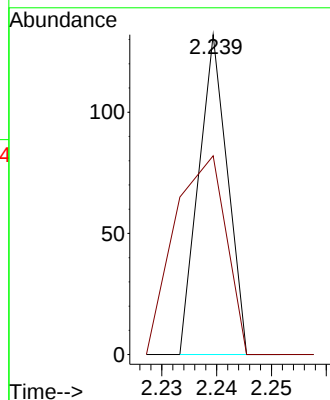
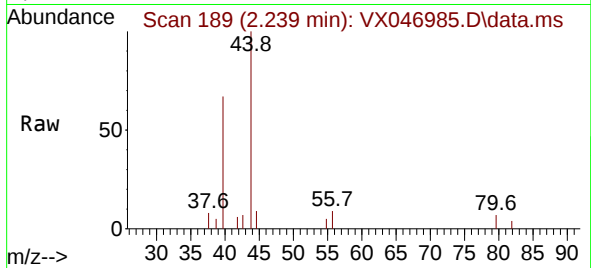




#13
Acrolein
Concen: 3.000 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

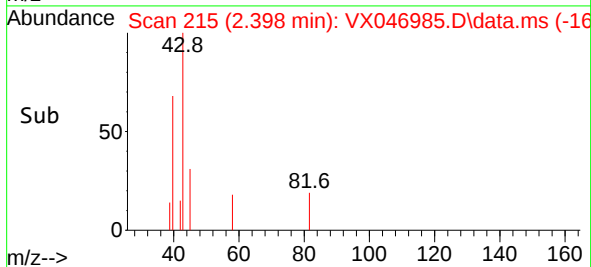
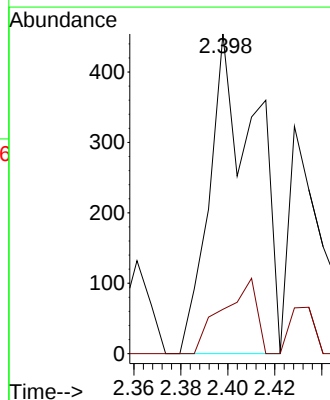
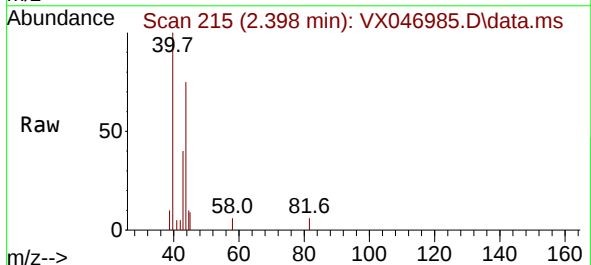
Instrument :
MSVOA_X
ClientSampleId :
CHRT-24849

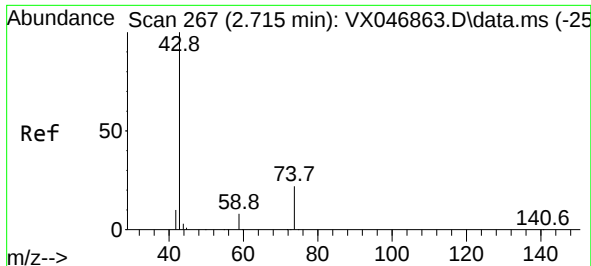
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 112.5 55.5 83.3#



#16
Acetone
Concen: 0.503 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
58 13.8 25.8 38.6#

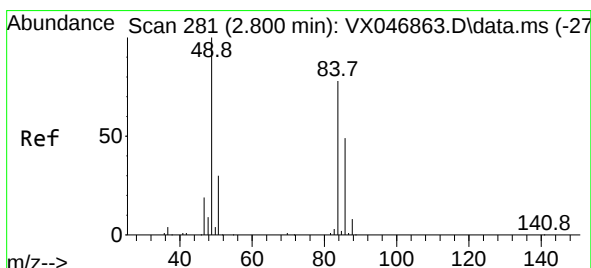
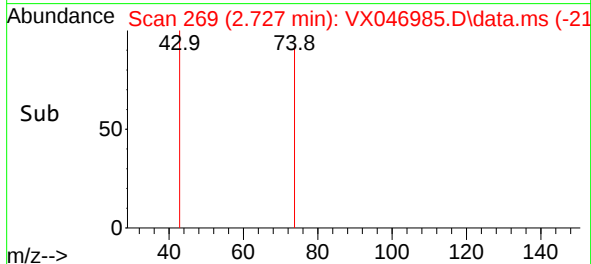
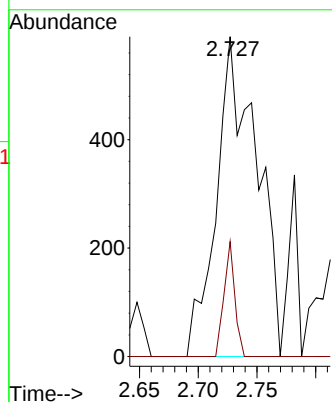
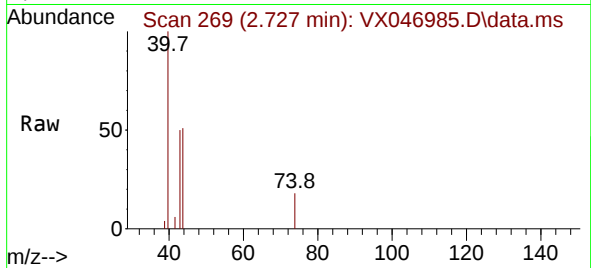




#18
Methyl Acetate
Concen: 0.432 ug/l
RT: 2.727 min Scan# 210
Delta R.T. 0.012 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

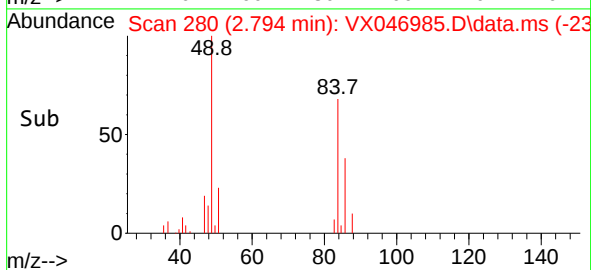
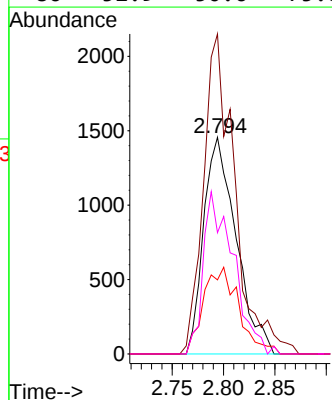
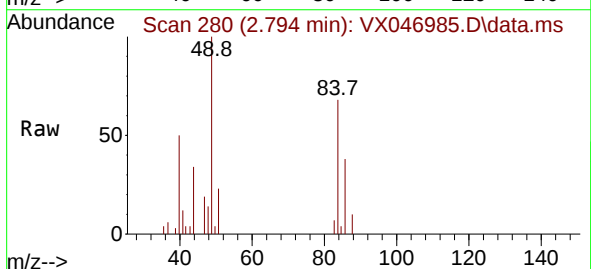
Instrument :
MSVOA_X
ClientSampleId :
CHRT-24849

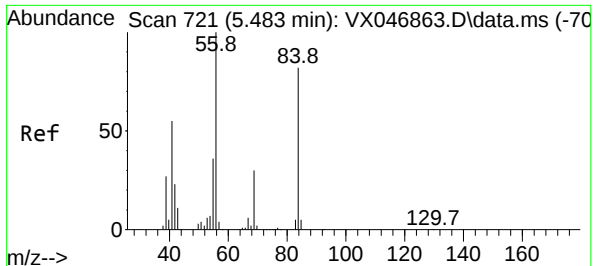
Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
74 9.7 18.3 27.5#



#20
Methylene Chloride
Concen: 0.875 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.006 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

Tgt Ion: 84 Resp: 3197
Ion Ratio Lower Upper
84 100
49 139.4 102.8 154.2
51 32.2 31.1 46.7
86 52.9 50.6 75.8

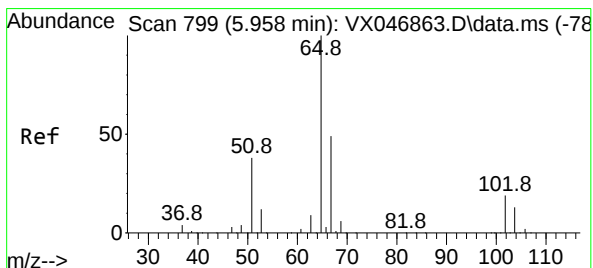
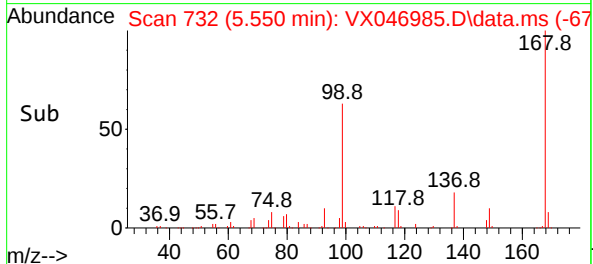
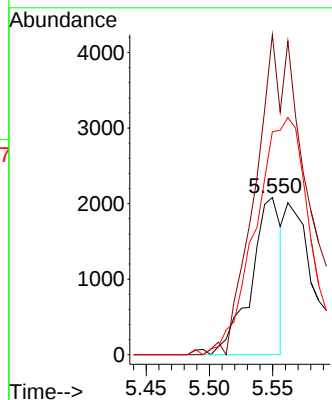
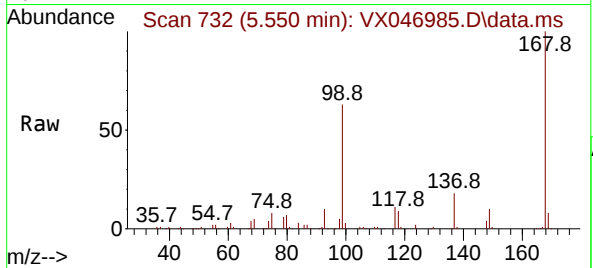




#31
Cyclohexane
Concen: 0.603 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.067 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

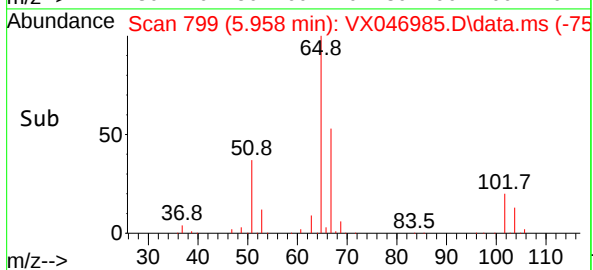
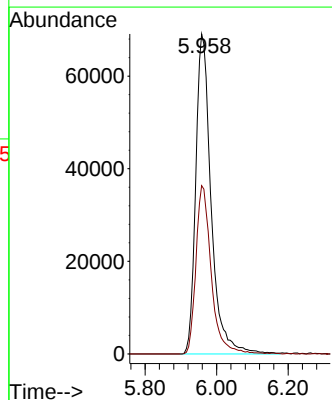
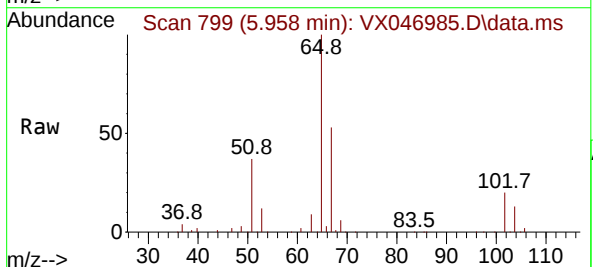
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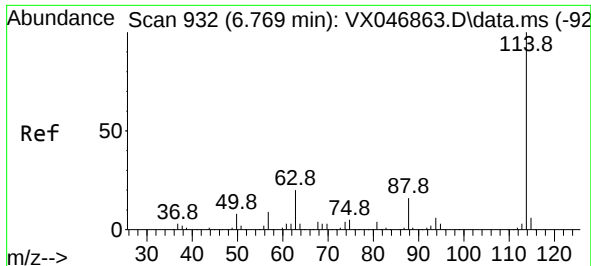
Tgt Ion: 56 Resp: 3429
Ion Ratio Lower Upper
56 100
69 203.6 24.0 36.0#
84 141.8 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 51.860 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

Tgt Ion: 65 Resp: 206364
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

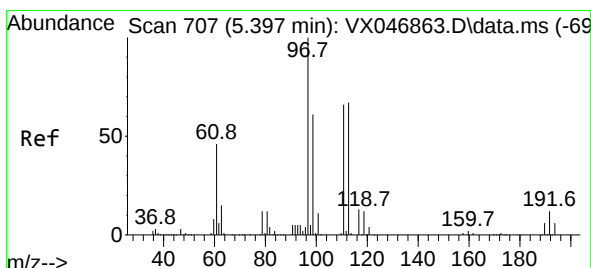
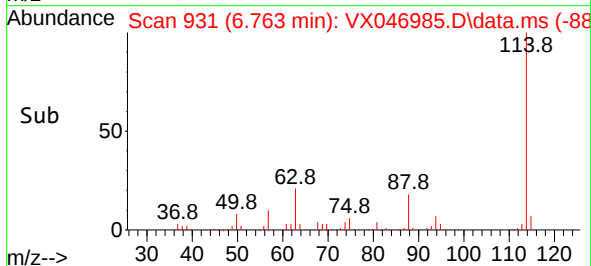
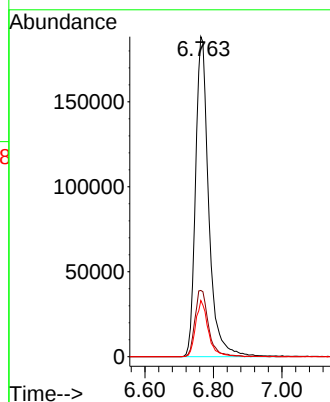
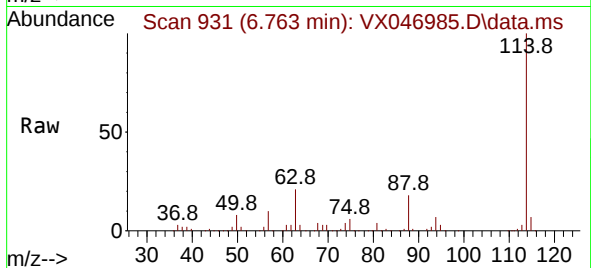




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

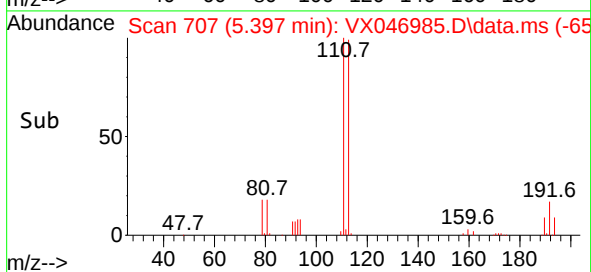
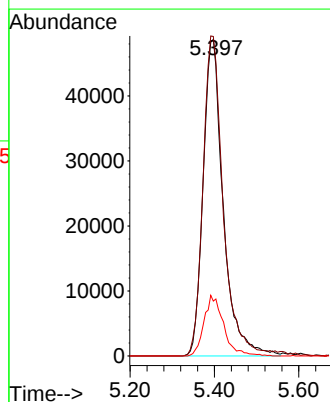
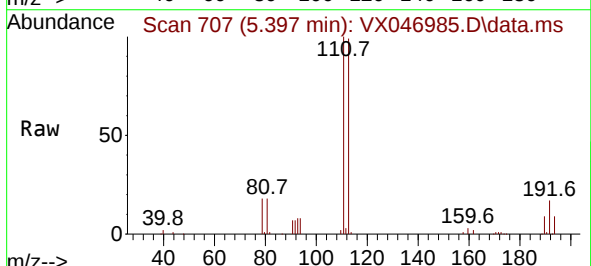
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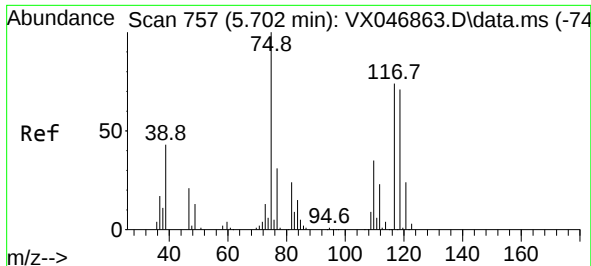
Tgt Ion:114 Resp: 504619
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.4
88 17.6 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.186 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

Tgt Ion:113 Resp: 161631
Ion Ratio Lower Upper
113 100
111 101.1 81.2 121.8
192 18.7 15.3 22.9

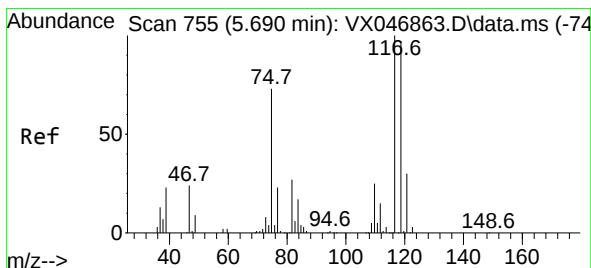
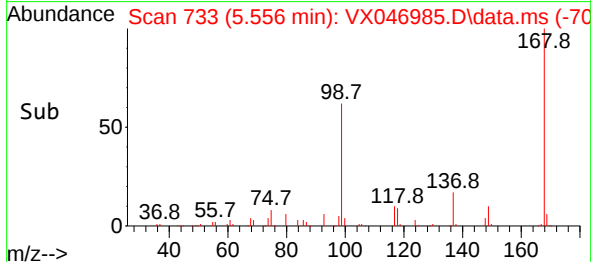
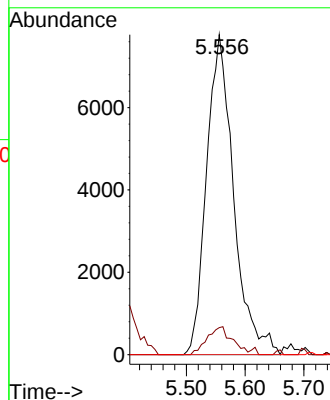
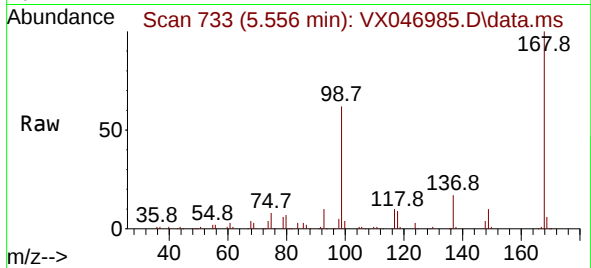




#36
1,1-Dichloropropene
Concen: 5.385 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

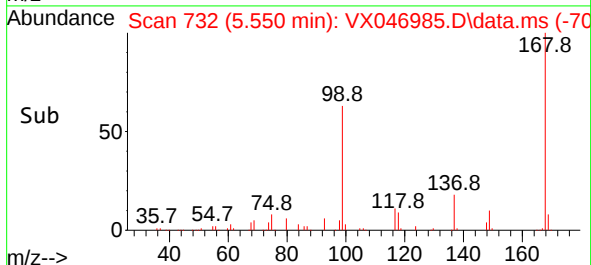
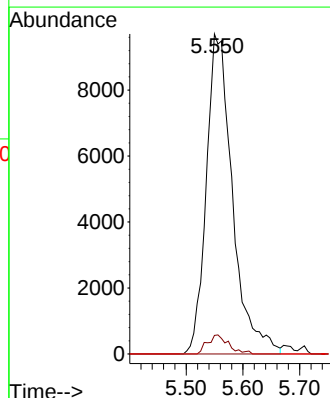
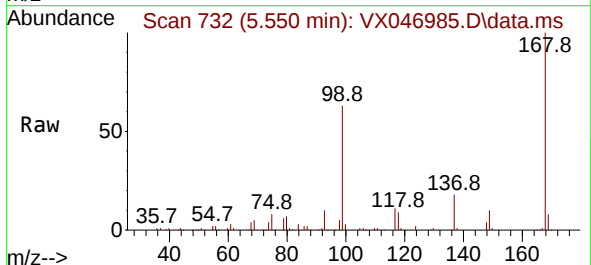
Instrument :
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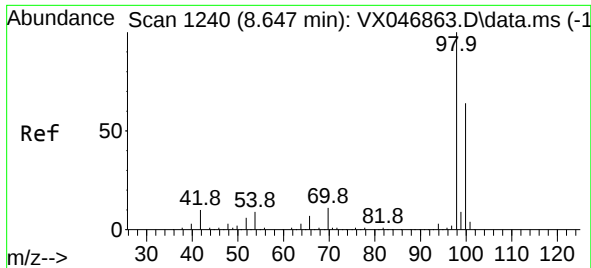
Tgt Ion: 75 Resp: 24889
Ion Ratio Lower Upper
75 100
110 8.1 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.367 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

Tgt Ion: 117 Resp: 31111
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 24.1 36.1#

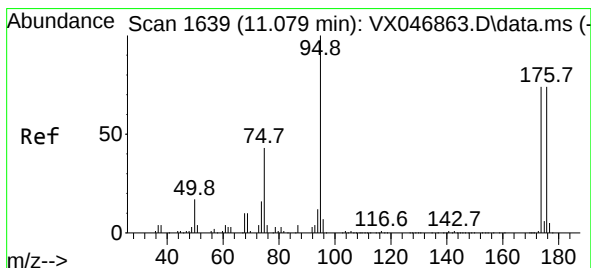
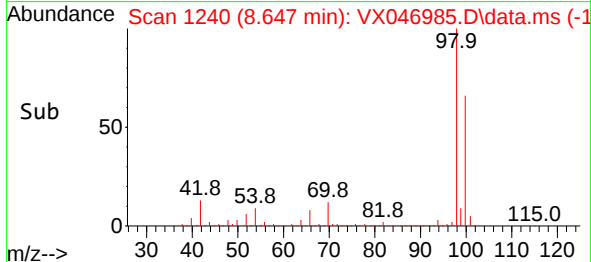
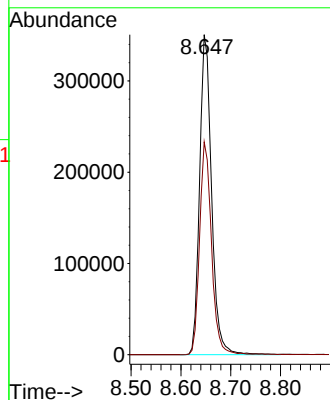
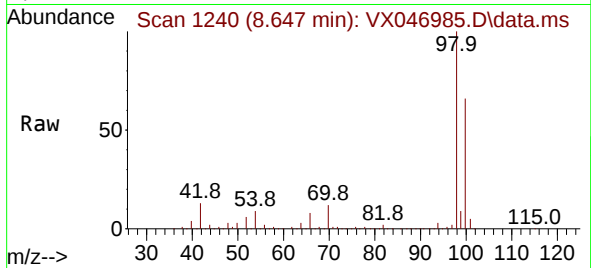




#50
Toluene-d8
Concen: 48.385 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

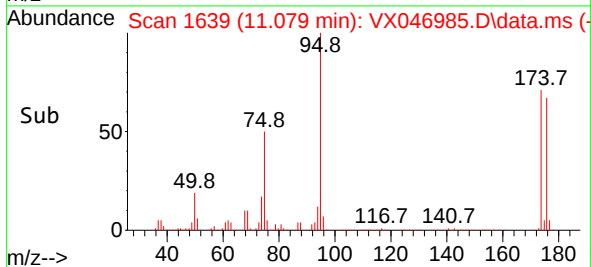
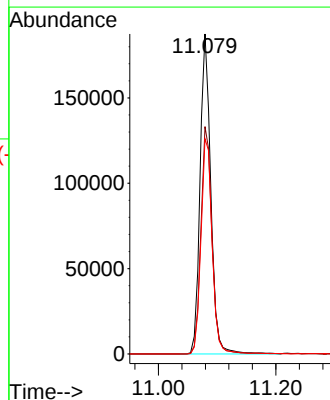
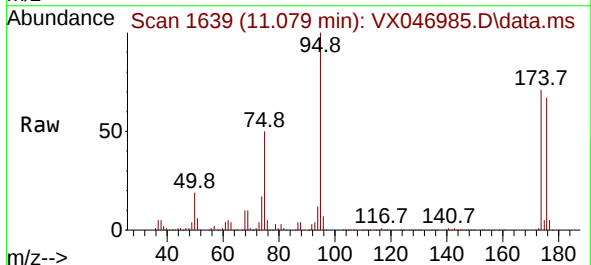
Instrument :
MSVOA_X
ClientSampleId :
CHRT-24849

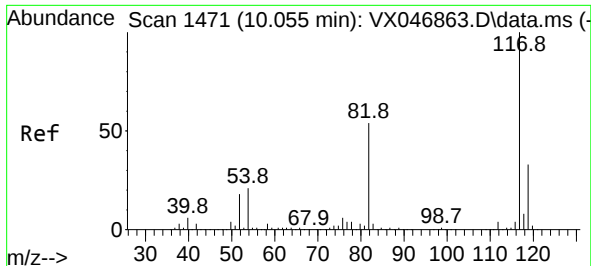
Tgt Ion: 98 Resp: 584752
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 51.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

Tgt Ion: 95 Resp: 237400
Ion Ratio Lower Upper
95 100
174 73.3 0.0 152.0
176 70.1 0.0 145.2

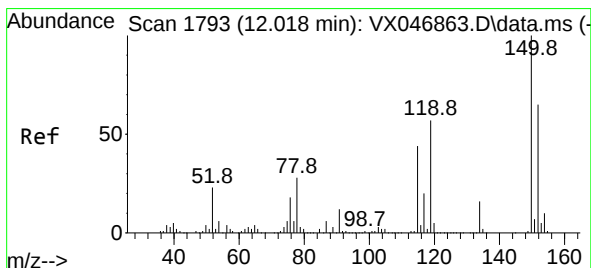
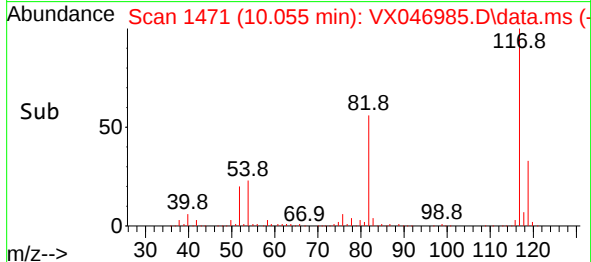
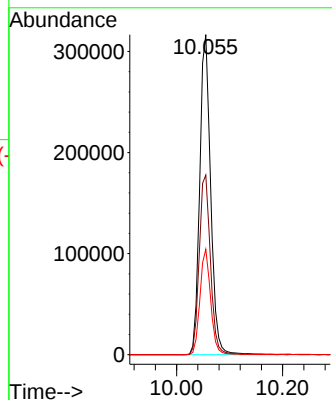
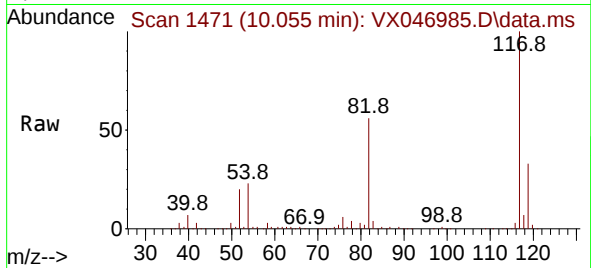




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

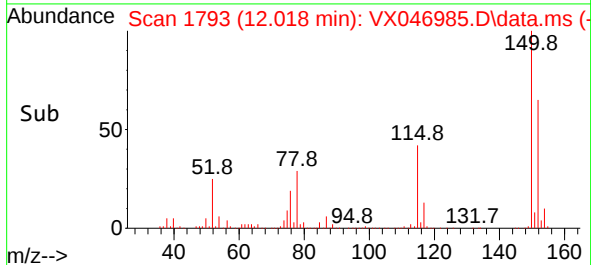
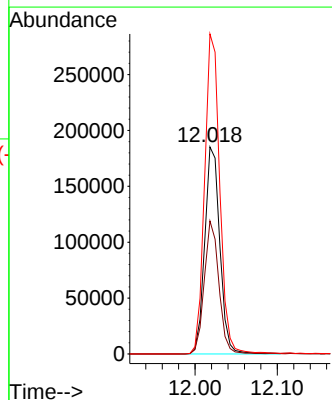
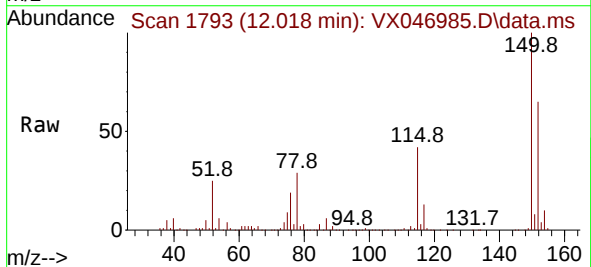
Instrument :
MSVOA_X
ClientSampleId :
CHRT-24849

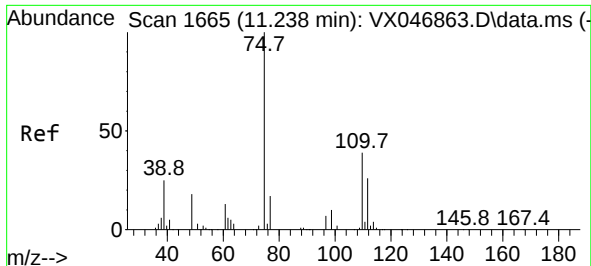
Tgt Ion:117 Resp: 454775
Ion Ratio Lower Upper
117 100
82 56.2 43.3 64.9
119 33.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

Tgt Ion:152 Resp: 236992
Ion Ratio Lower Upper
152 100
115 61.9 42.4 127.1
150 154.7 0.0 349.2

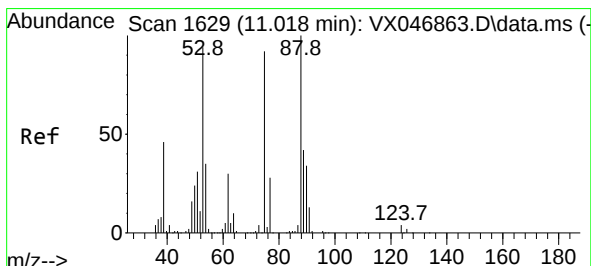
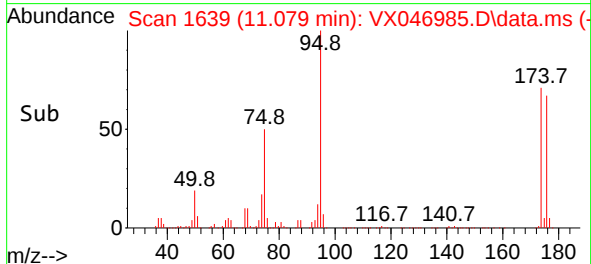
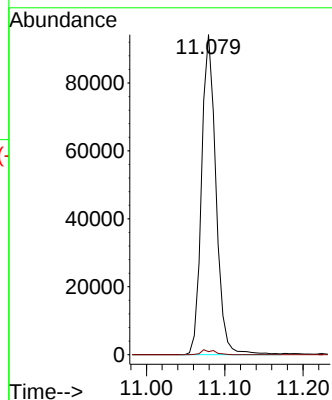
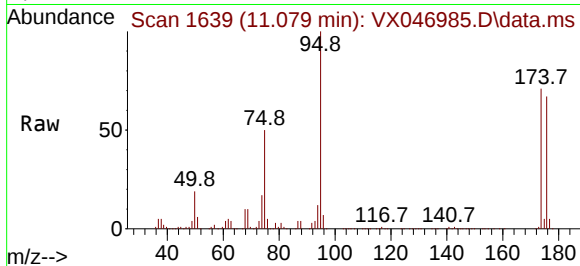




#76
1,2,3-Trichloropropane
Concen: 32.864 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

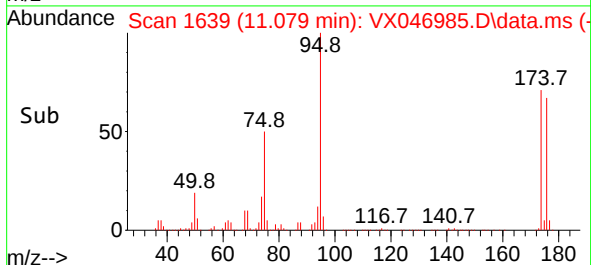
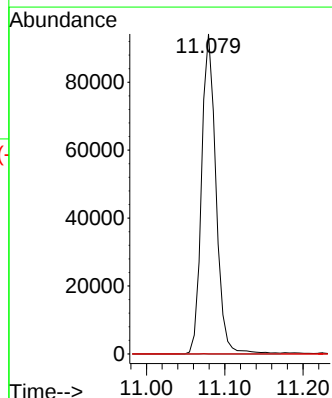
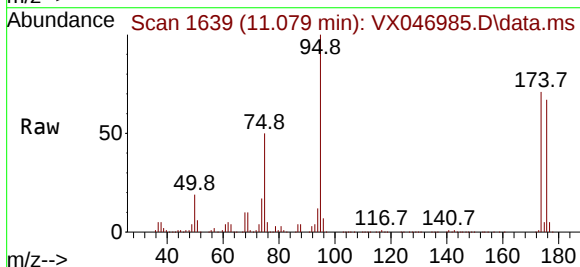
Instrument :
MSVOA_X
ClientSampleId :
CHRT-24849

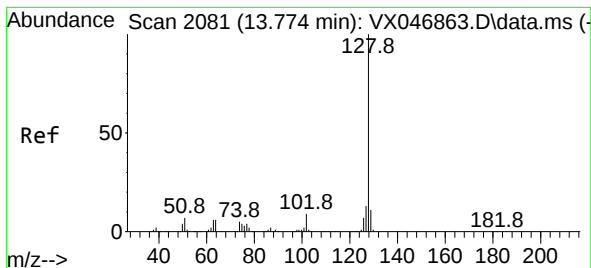
Tgt Ion: 75 Resp: 120344
Ion Ratio Lower Upper
75 100
77 1.4 20.6 61.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.191 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046985.D
Acq: 14 Jul 2025 19:17

Tgt Ion: 75 Resp: 120344
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#





#95

Naphthalene

Concen: 0.264 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX046985.D

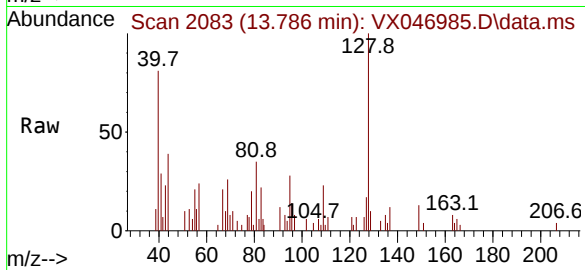
Acq: 14 Jul 2025 19:17

Instrument :

MSVOA_X

ClientSampleId :

CHRT-24849



Tgt Ion:128 Resp: 3551

Ion Ratio Lower Upper

128 100

127 9.5 10.2 15.4#

129 6.7 8.6 13.0#

