

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075068.D
 Acq On : 28 Dec 2022 16:19
 Operator : KP/SY
 Sample : N6218-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26179

Quant Time: Dec 29 03:51:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

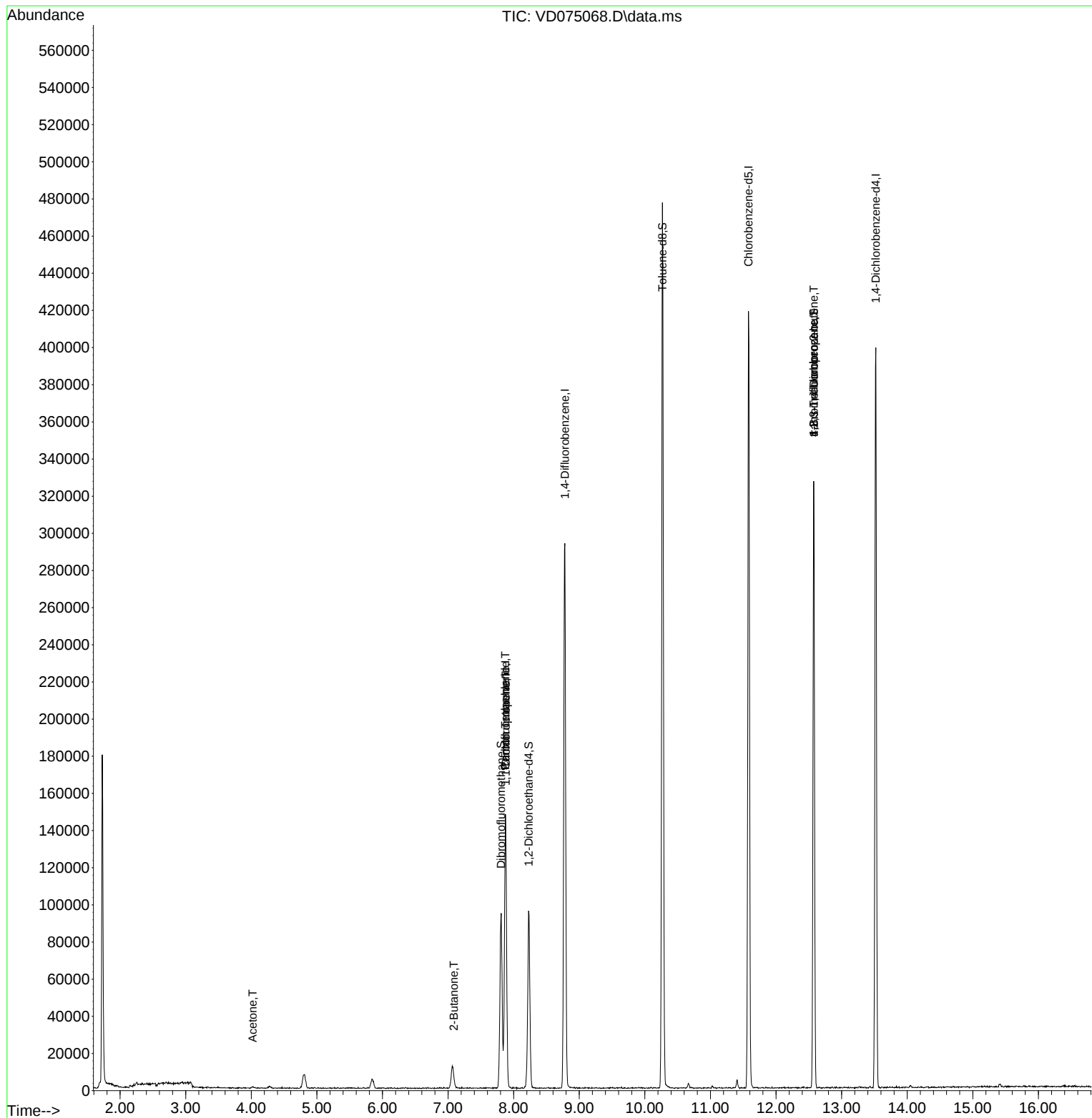
Internal Standards						
1) Pentafluorobenzene	7.875	168	111459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	268065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	251238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	107651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70815	64.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.000%	
35) Dibromofluoromethane	7.810	113	69848	44.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.560%	
50) Toluene-d8	10.269	98	327880	51.444	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.880%	
62) 4-Bromofluorobenzene	12.575	95	109924	53.238	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	408	Below Cal	#	79
5) Bromomethane	2.711	94	463	Below Cal		86
11) Tert butyl alcohol	5.034	59	60	Below Cal	#	84
16) Acetone	4.022	43	1147	4.054	ug/l #	39
17) Carbon Disulfide	4.281	76	1078	Below Cal	#	75
18) Methyl Acetate	4.646	43	62	Below Cal	#	44
20) Methylene Chloride	4.805	84	6257	Below Cal	#	86
25) 2-Butanone	7.087	43	910	2.410	ug/l #	39
31) Cyclohexane	7.875	56	2709	Below Cal	#	1
36) 1,1-Dichloropropene	7.881	75	9099	4.466	ug/l #	47
38) Carbon Tetrachloride	7.875	117	11392	6.466	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	56171	50.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	56171	117.942	ug/l #	19

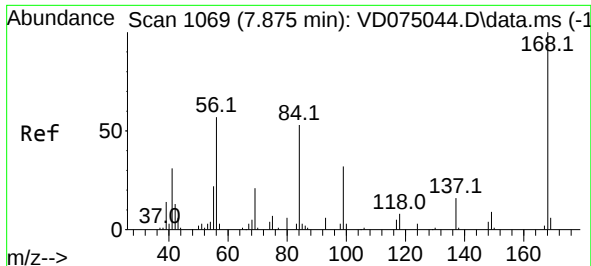
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CHRT-26179

Quant Time: Dec 29 03:51:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

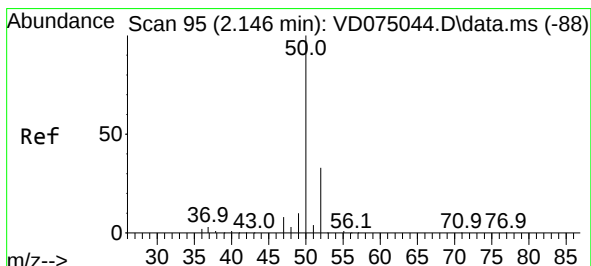
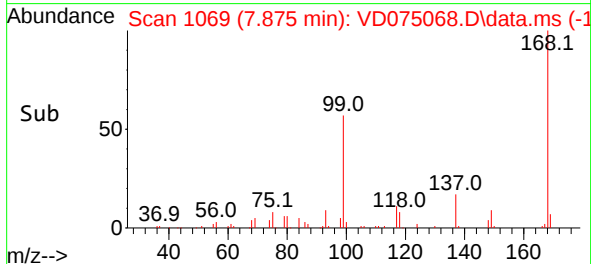
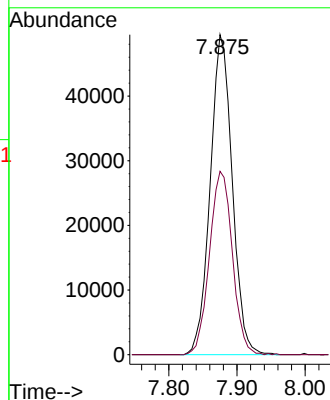
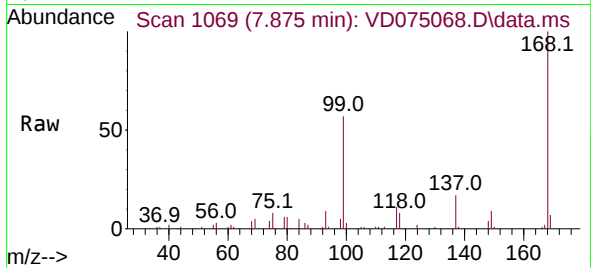




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

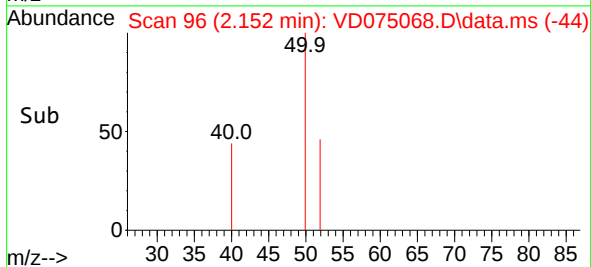
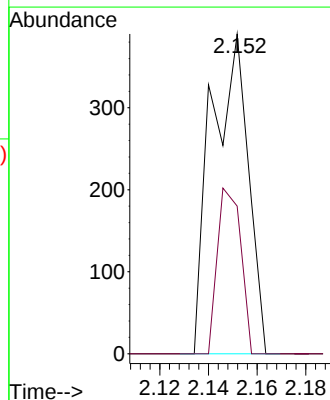
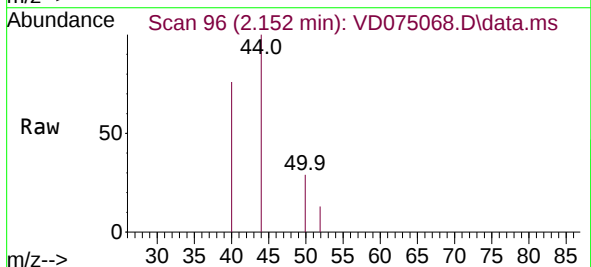
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26179

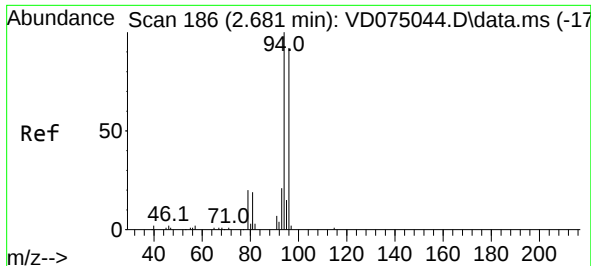
Tgt Ion:168 Resp: 111459
Ion Ratio Lower Upper
168 100
99 57.3 40.3 60.5



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Tgt Ion: 50 Resp: 408
Ion Ratio Lower Upper
50 100
52 46.2 27.2 40.8#

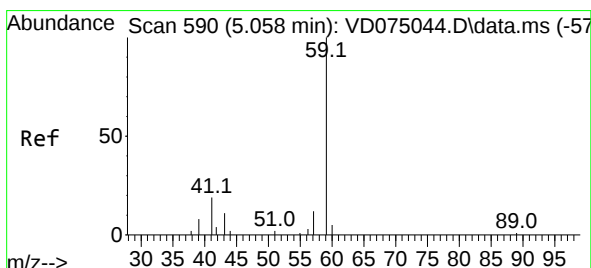
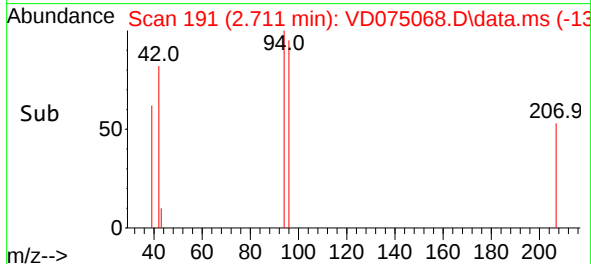
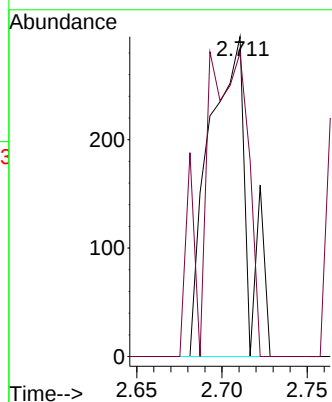
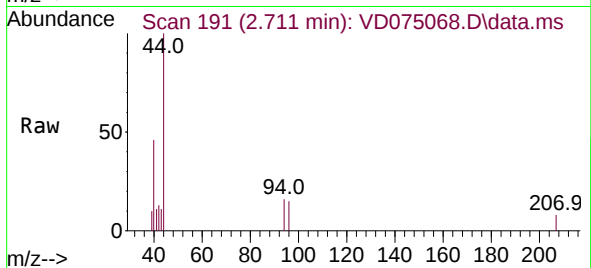




#5
Bromomethane
Concen: Below Cal
RT: 2.711 min Scan# 191
Delta R.T. 0.030 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

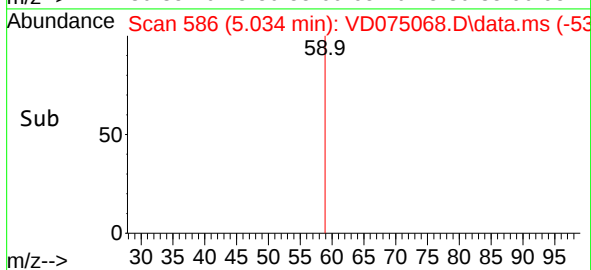
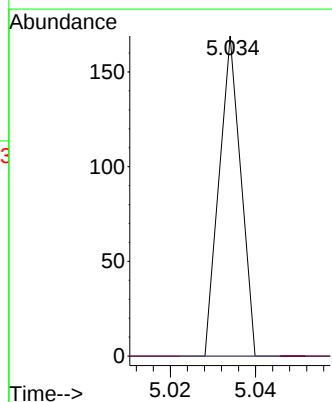
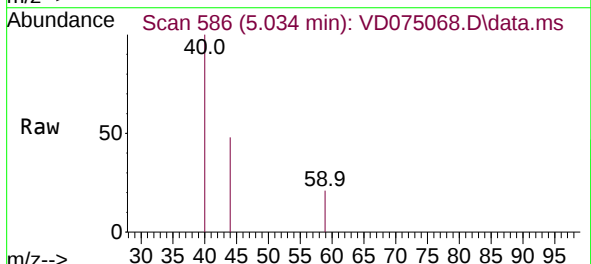
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26179

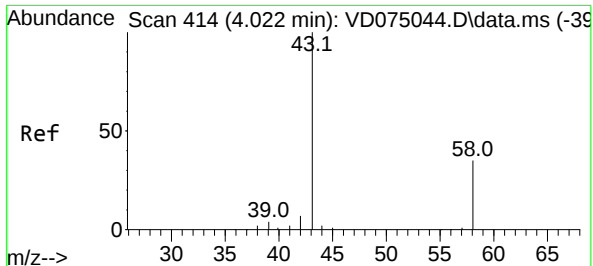
Tgt Ion: 94 Resp: 463
Ion Ratio Lower Upper
94 100
96 108.0 75.2 112.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.034 min Scan# 586
Delta R.T. -0.018 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

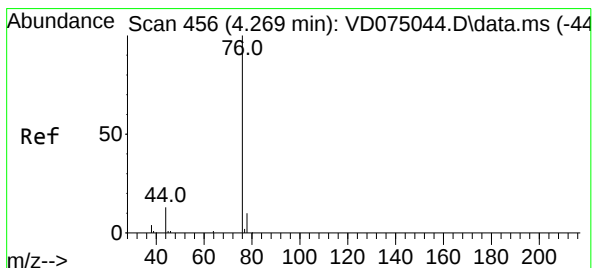
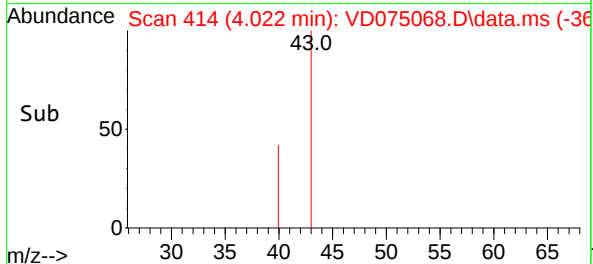
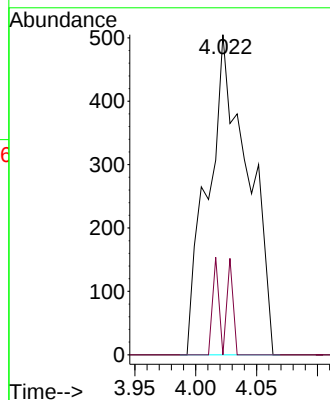
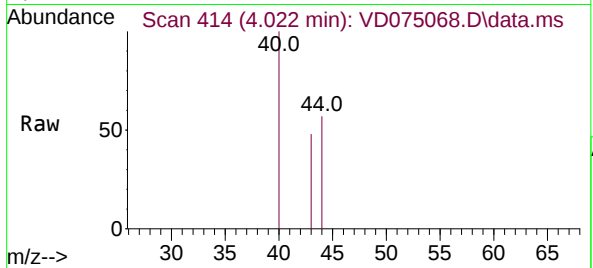




#16
Acetone
Concen: 4.054 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

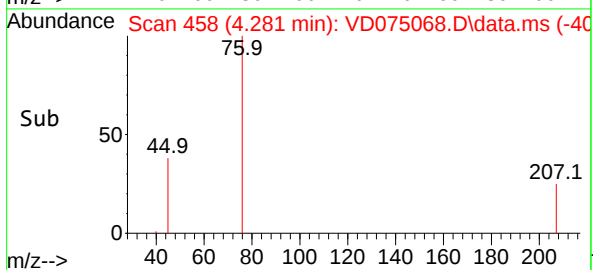
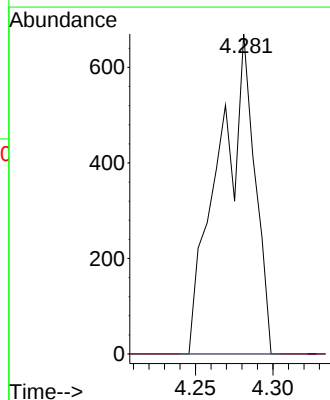
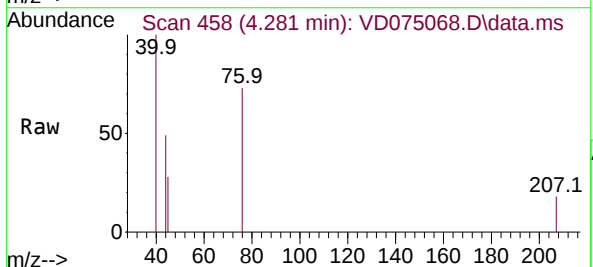
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26179

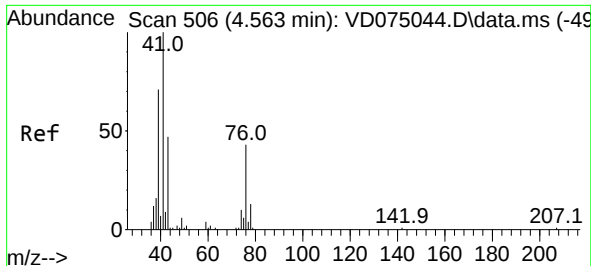
Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.281 min Scan# 458
Delta R.T. 0.017 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Tgt Ion: 76 Resp: 1078
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

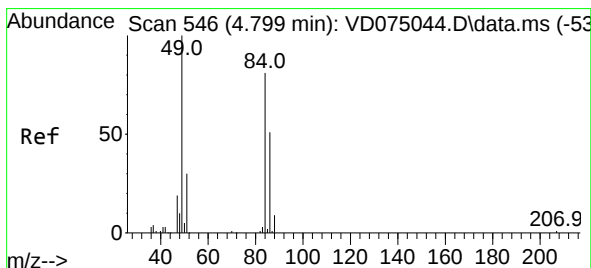
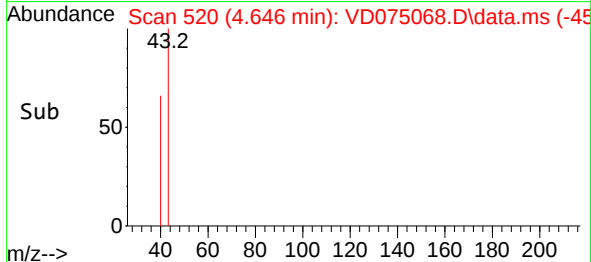
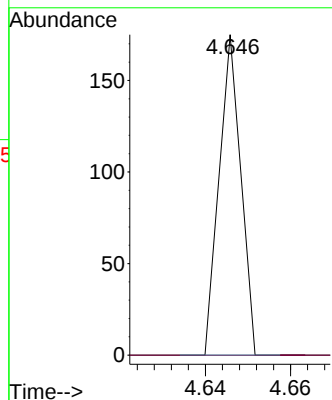
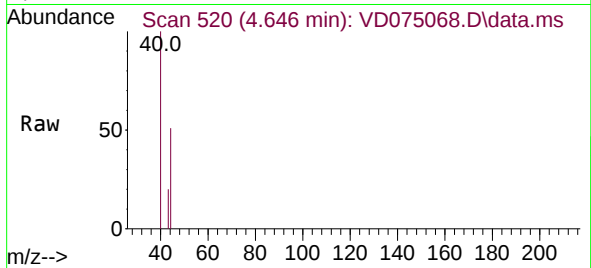




#18
Methyl Acetate
Concen: Below Cal
RT: 4.646 min Scan# 51
Delta R.T. 0.082 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

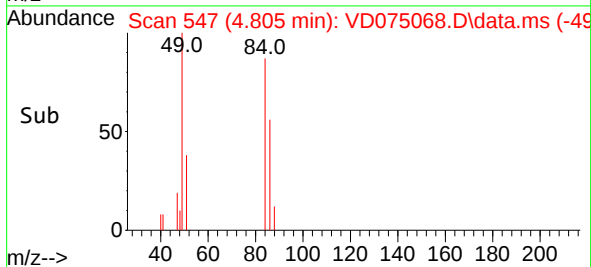
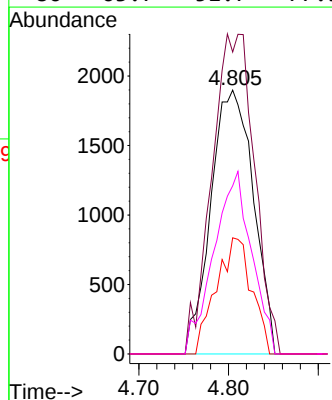
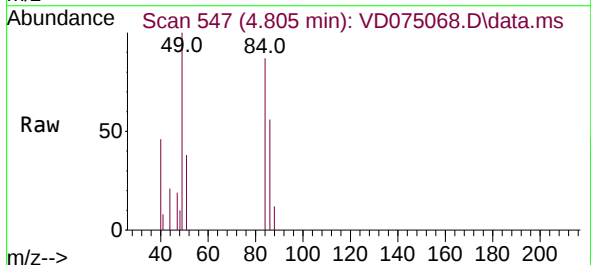
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26179

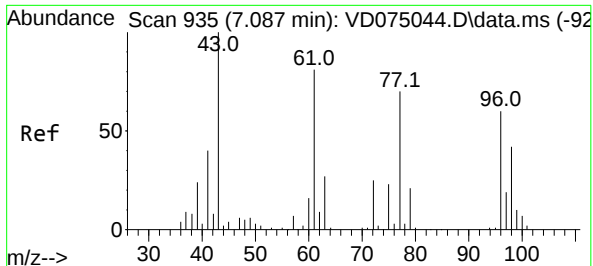
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Tgt Ion: 84 Resp: 6257
Ion Ratio Lower Upper
84 100
49 114.4 77.2 115.8
51 44.0 24.1 36.1#
86 63.7 51.7 77.5





#25

2-Butanone

Concen: 2.410 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075068.D

Acq: 28 Dec 2022 16:19

Instrument :

MSVOA_D

ClientSampleId :

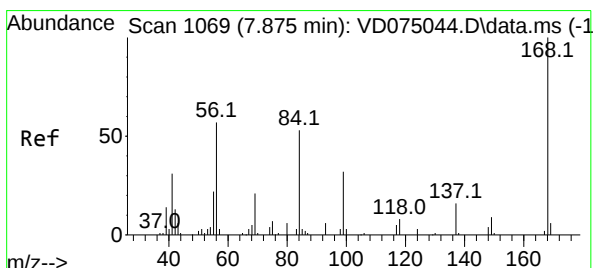
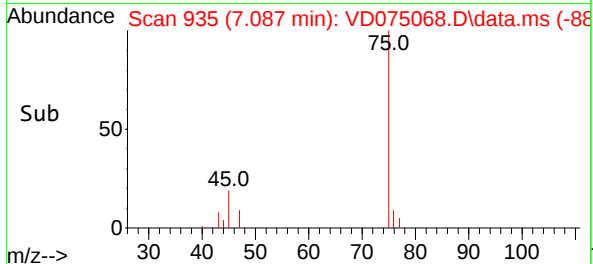
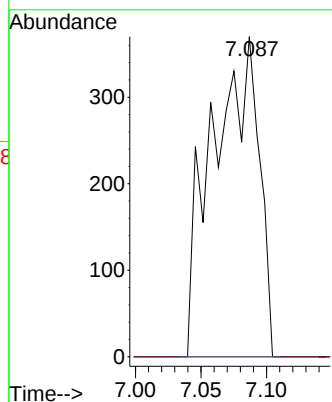
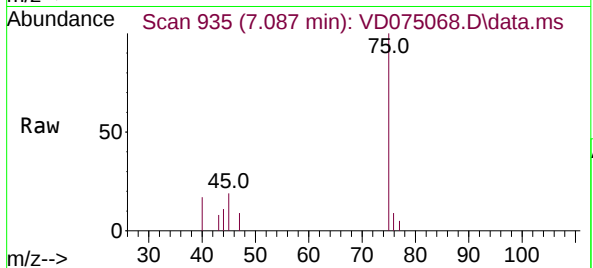
CHRT-26179

Tgt Ion: 43 Resp: 910

Ion Ratio Lower Upper

43 100

72 0.0 28.4 42.6#



#31

Cyclohexane

Concen: Below Cal

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD075068.D

Acq: 28 Dec 2022 16:19

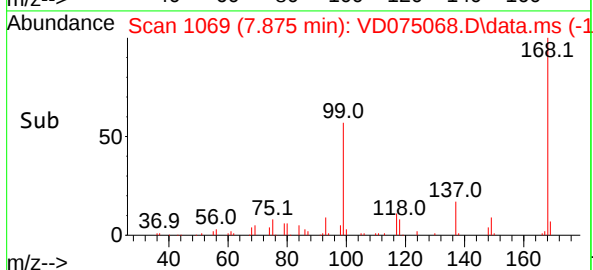
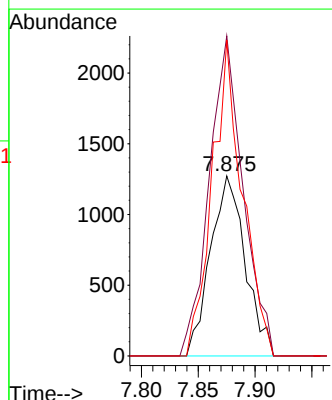
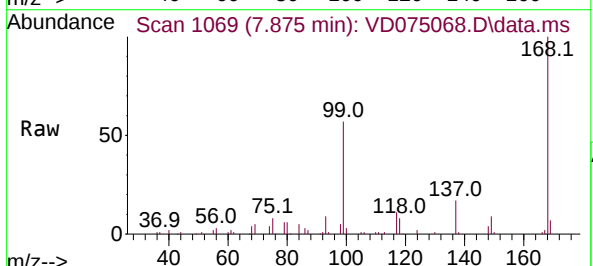
Tgt Ion: 56 Resp: 2709

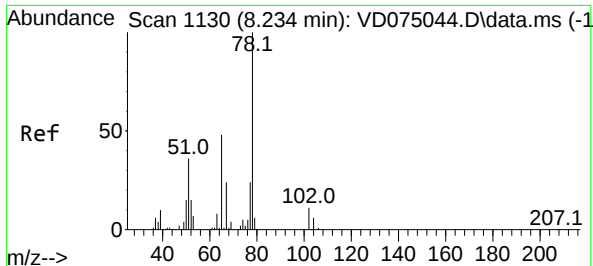
Ion Ratio Lower Upper

56 100

69 177.8 29.4 44.2#

84 175.6 81.8 122.8#





#33

1,2-Dichloroethane-d4

Concen: 64.999 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075068.D

Acq: 28 Dec 2022 16:19

Instrument :

MSVOA_D

ClientSampleId :

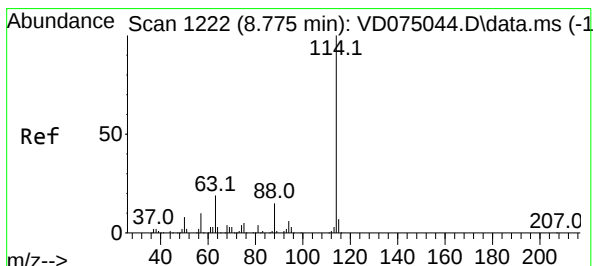
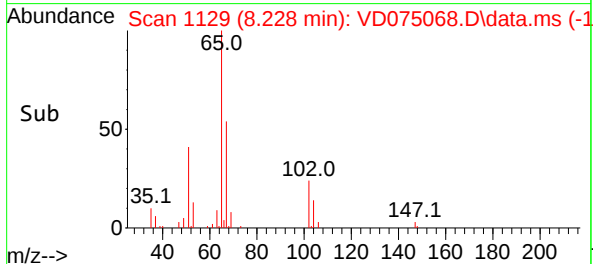
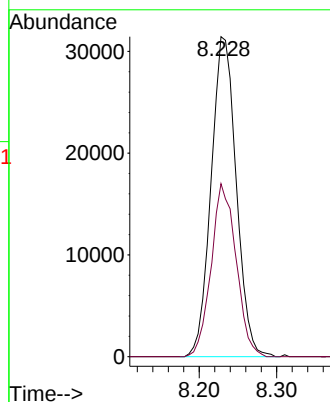
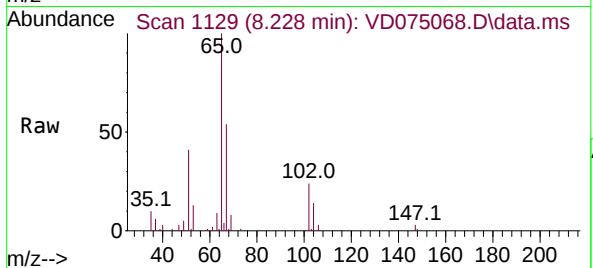
CHRT-26179

Tgt Ion: 65 Resp: 70815

Ion Ratio Lower Upper

65 100

67 53.5 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075068.D

Acq: 28 Dec 2022 16:19

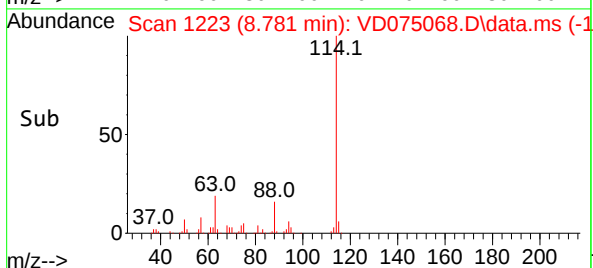
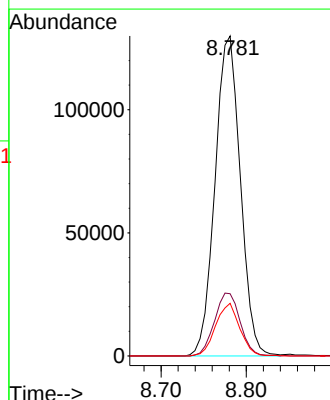
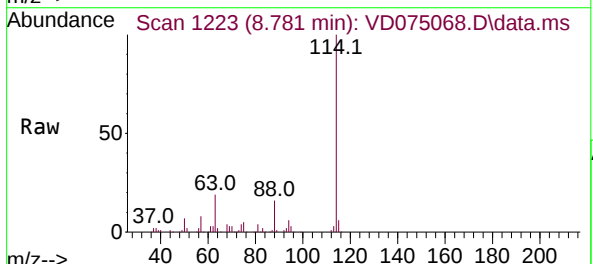
Tgt Ion: 114 Resp: 268065

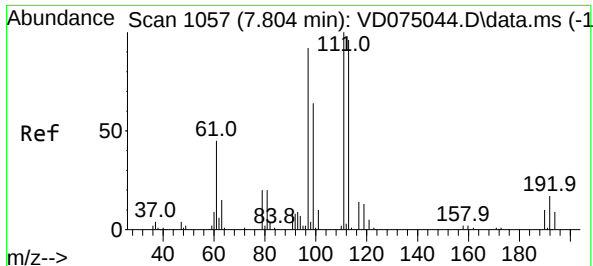
Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.8

88 16.5 0.0 27.8

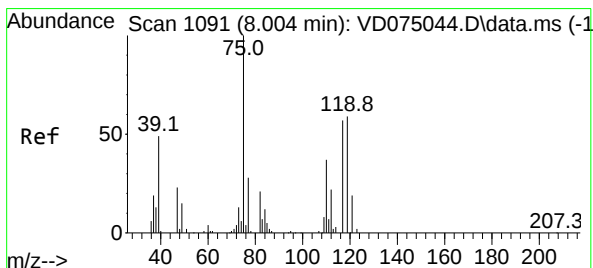
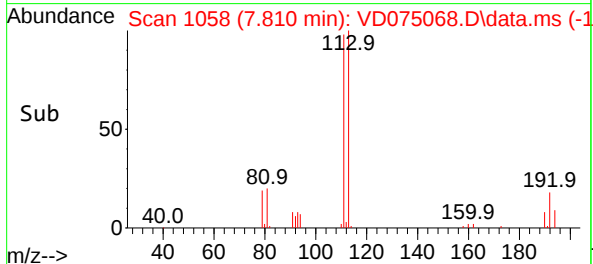
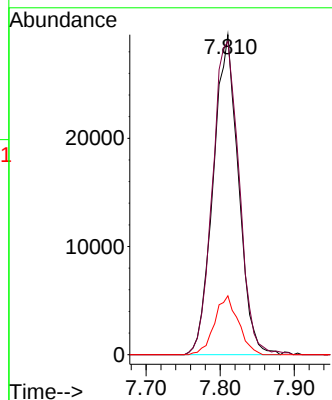
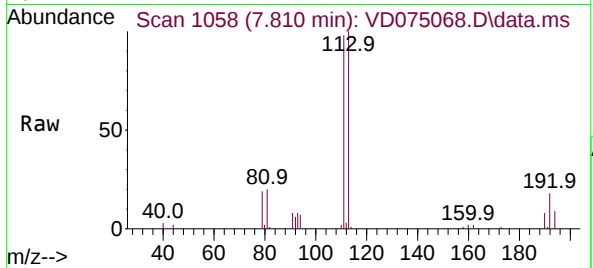




#35
Dibromofluoromethane
Concen: 44.280 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

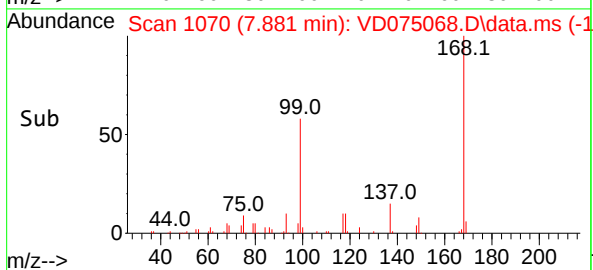
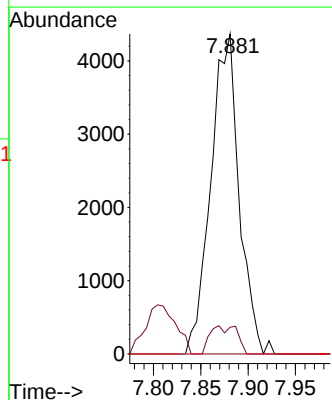
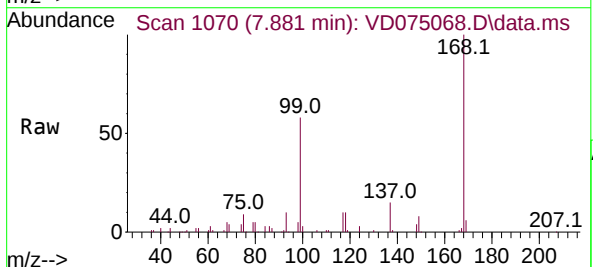
Instrument :
MSVOA_D
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CHRT-26179

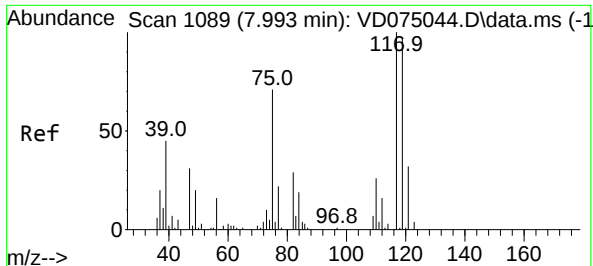
Tgt Ion:113 Resp: 69848
Ion Ratio Lower Upper
113 100
111 103.7 82.1 123.1
192 17.4 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

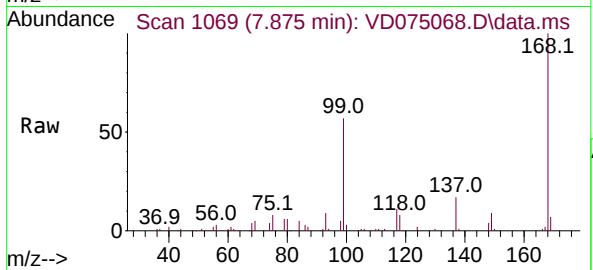
Tgt Ion: 75 Resp: 9099
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.2 37.8#



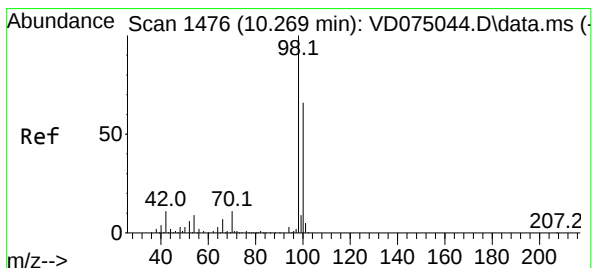
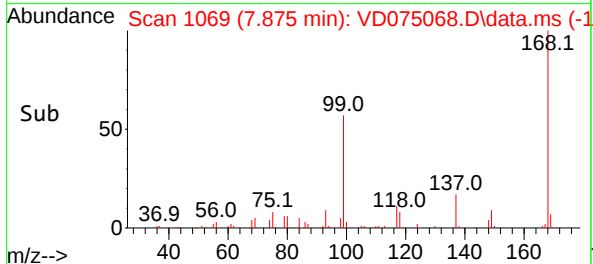
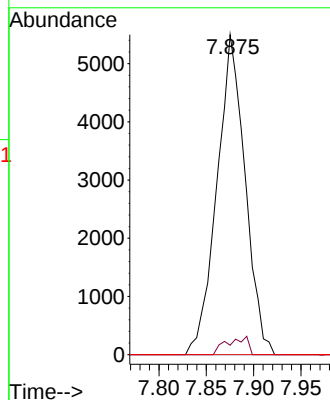


#38
Carbon Tetrachloride
Concen: 6.466 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26179

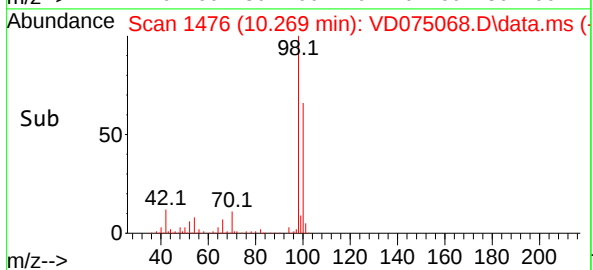
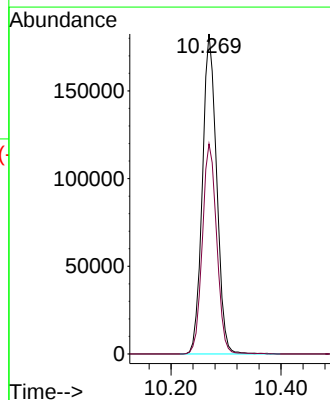
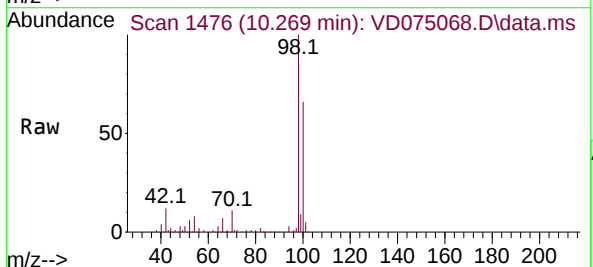


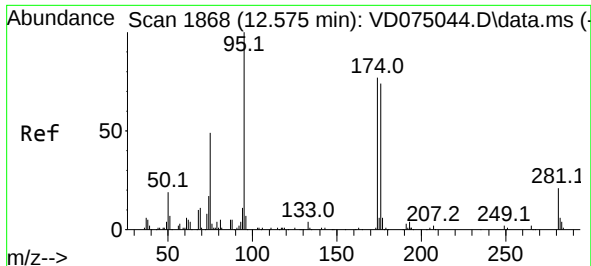
Tgt Ion:117 Resp: 11392
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.6#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 51.444 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Tgt Ion: 98 Resp: 327880
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2

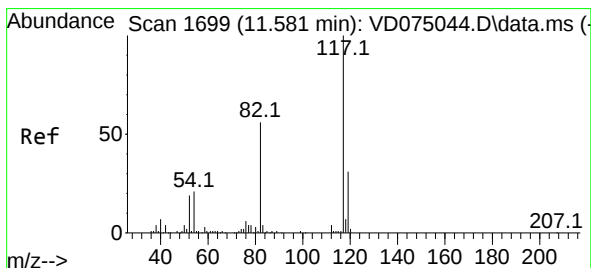
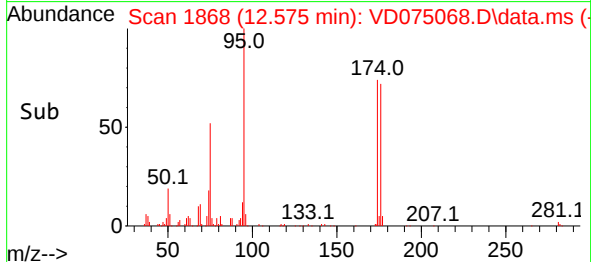
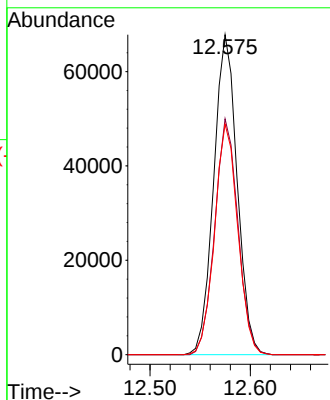
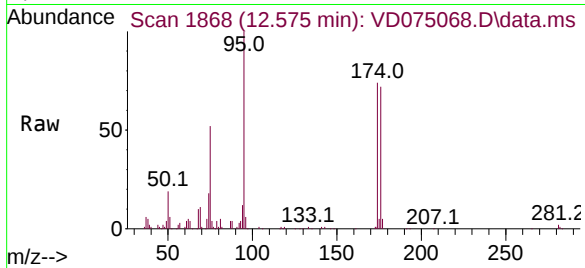




#62
4-Bromofluorobenzene
Concen: 53.238 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

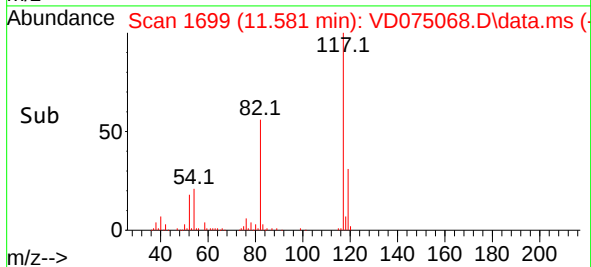
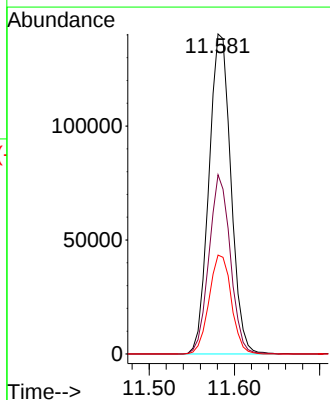
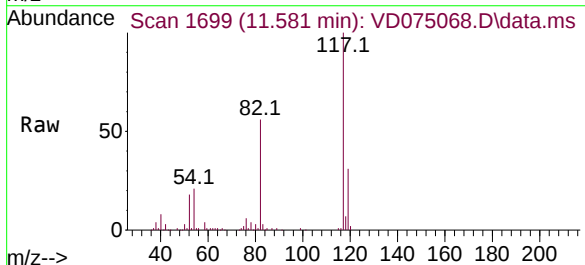
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26179

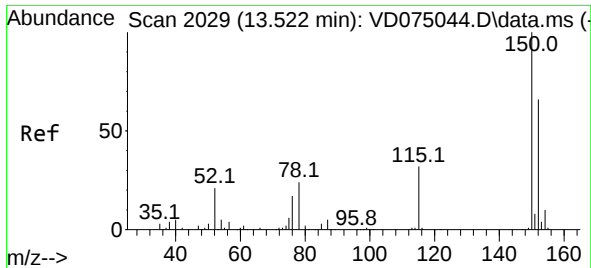
Tgt Ion: 95 Resp: 109924
Ion Ratio Lower Upper
95 100
174 72.9 0.0 171.2
176 71.3 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Tgt Ion: 117 Resp: 251238
Ion Ratio Lower Upper
117 100
82 56.0 40.9 61.3
119 30.9 25.5 38.3

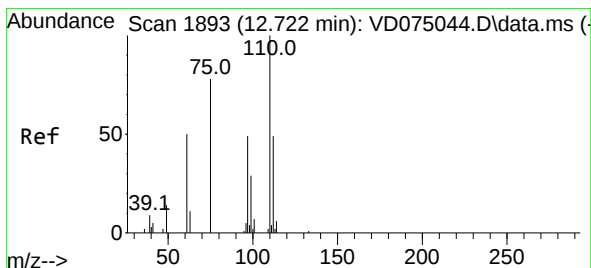
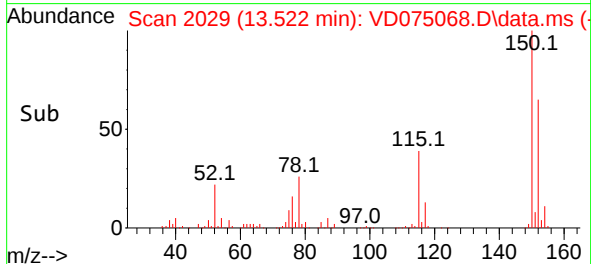
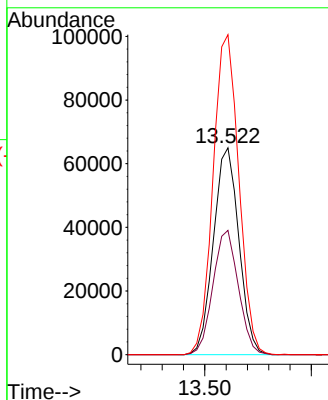
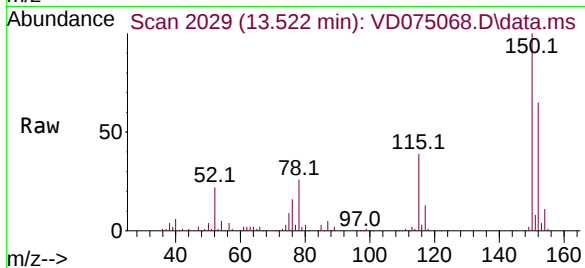




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD075068.D
 Acq: 28 Dec 2022 16:19

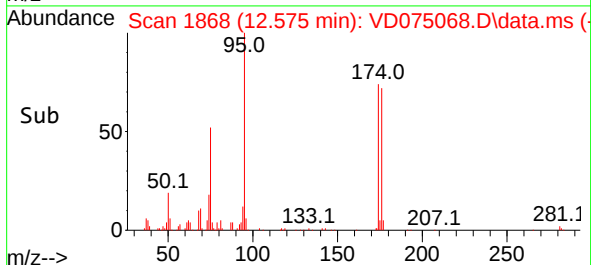
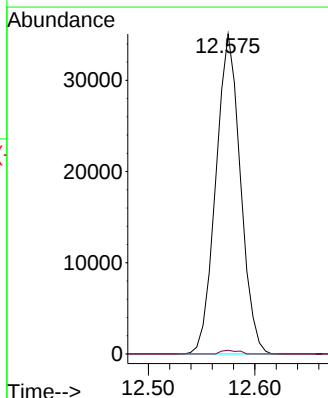
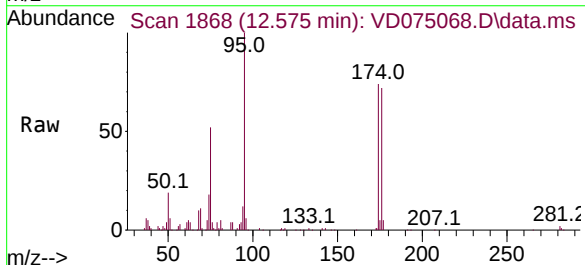
Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26179

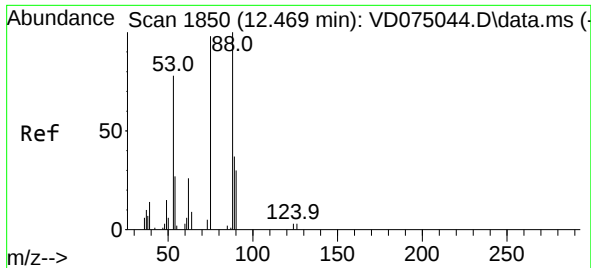
Tgt Ion:152 Resp: 107651
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.8 86.5
 150 156.4 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 50.889 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD075068.D
 Acq: 28 Dec 2022 16:19

Tgt Ion: 75 Resp: 56171
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.942 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075068.D
 Acq: 28 Dec 2022 16:19

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26179

Tgt Ion: 75 Resp: 56171
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.0 90.0#
 89 0.0 37.4 56.0#

