

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072956.D
 Acq On : 12 May 2022 19:17
 Operator : VA/SY
 Sample : N2782-07
 Misc : 4.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P019-SS001-1824-01

Quant Time: May 13 05:57:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

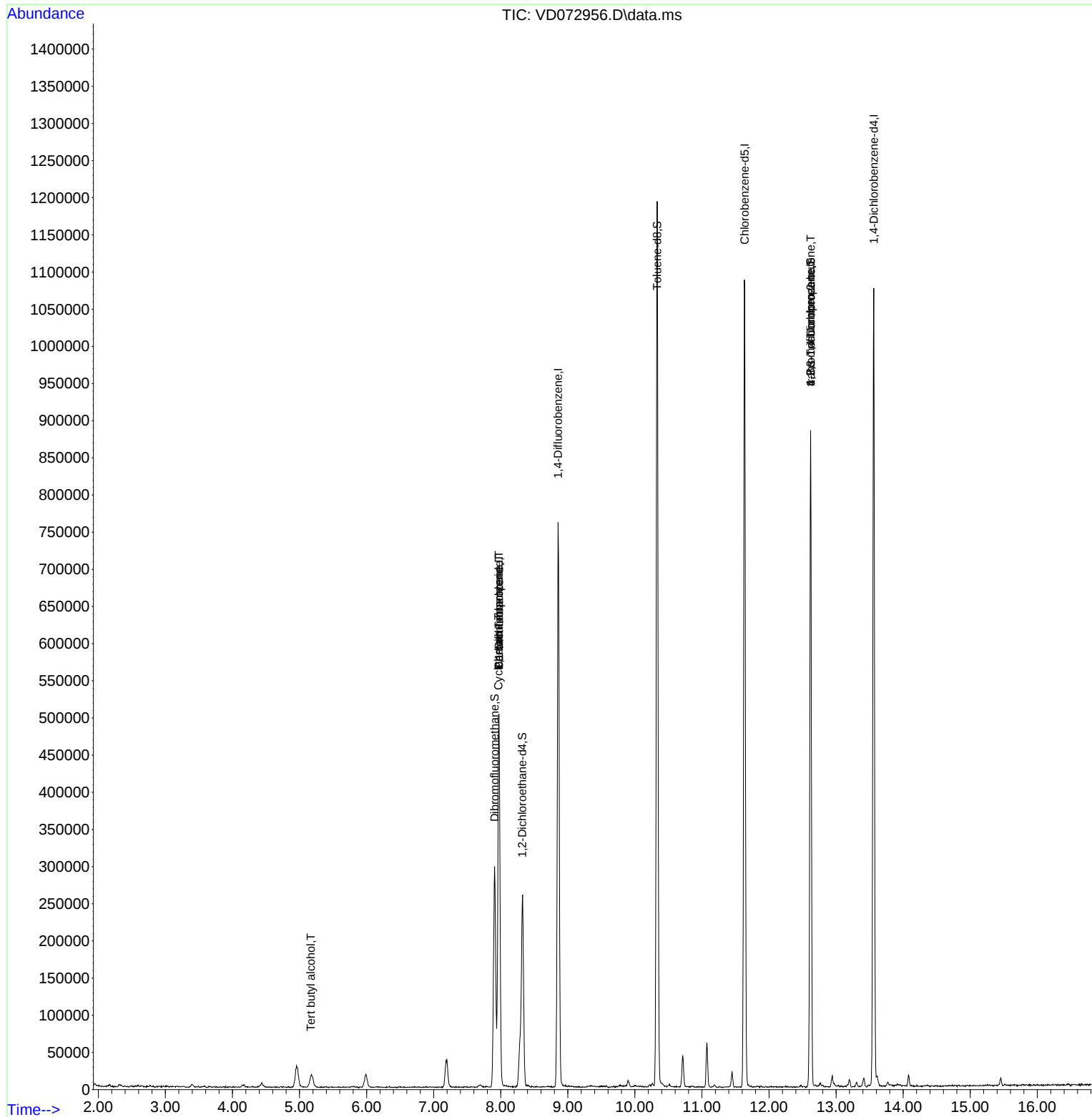
Internal Standards						
1) Pentafluorobenzene	7.973	168	362194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	644133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	637029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	195970	41.682	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.360%		
35) Dibromofluoromethane	7.909	113	211331	46.715	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.440%		
50) Toluene-d8	10.332	98	788463	48.588	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.180%		
62) 4-Bromofluorobenzene	12.620	95	280220	46.312	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.620%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	991	Below Cal	#	22
11) Tert butyl alcohol	5.168	59	15397	37.851	ug/l #	75
16) Acetone	4.156	43	3619	Below Cal	#	84
18) Methyl Acetate	4.932	43	55	Below Cal	#	55
20) Methylene Chloride	4.956	84	22410	Below Cal	#	84
31) Cyclohexane	7.967	56	8946	1.088	ug/l #	11
36) 1,1-Dichloropropene	7.973	75	30754	4.181	ug/l #	52
38) Carbon Tetrachloride	7.973	117	39129	5.124	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	142096	44.559	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	142096	102.468	ug/l #	7

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

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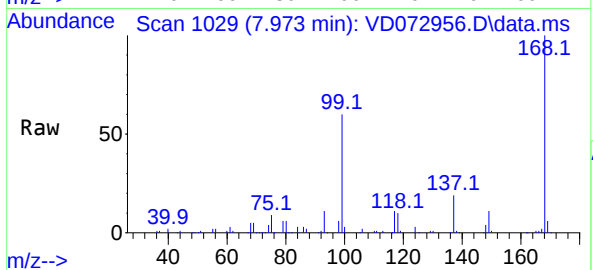
Quant Time: May 13 05:57:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



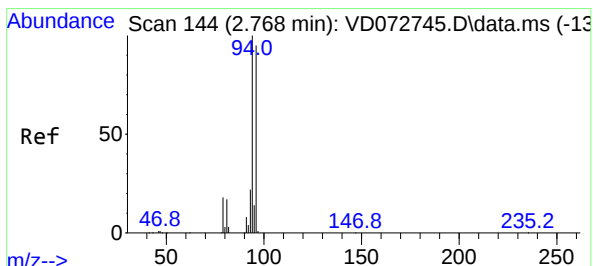
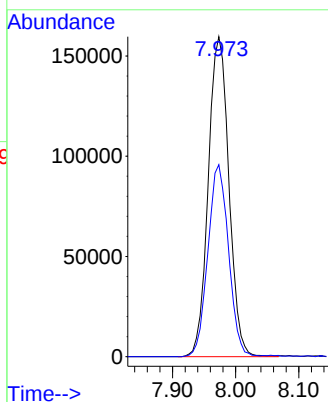
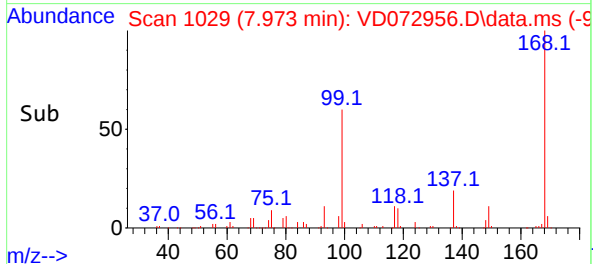


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-1824-01

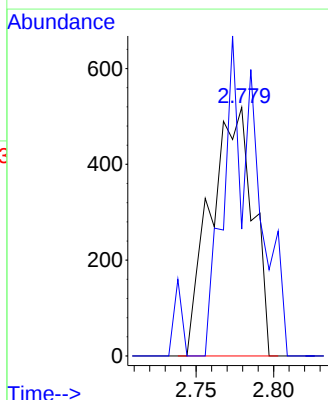
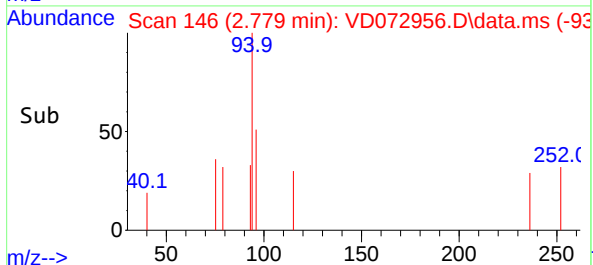
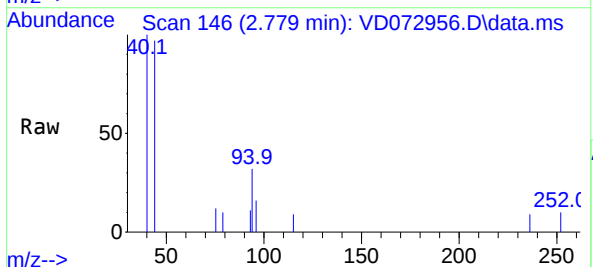


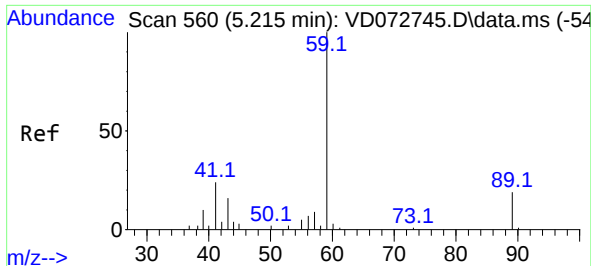
Tgt Ion:168 Resp: 362194
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Tgt Ion: 94 Resp: 991
Ion Ratio Lower Upper
94 100
96 20.2 77.6 116.4#

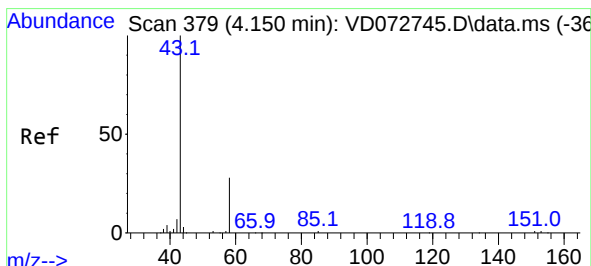
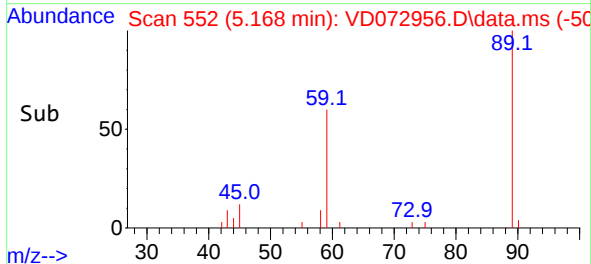
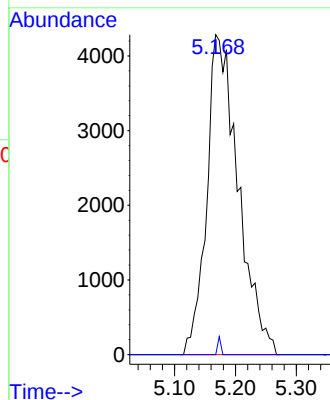
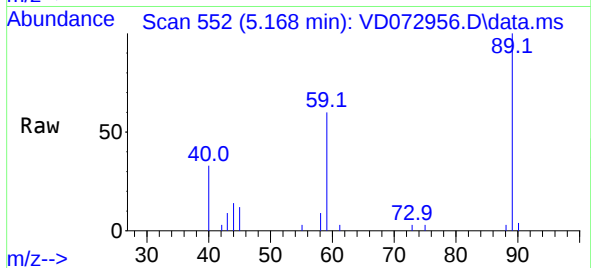




#11
Tert butyl alcohol
Concen: 37.851 ug/l
RT: 5.168 min Scan# 51
Delta R.T. -0.047 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

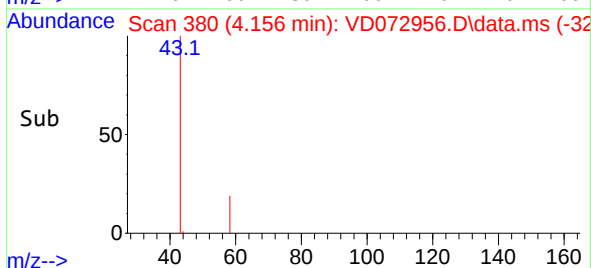
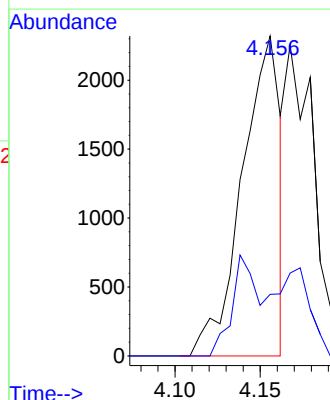
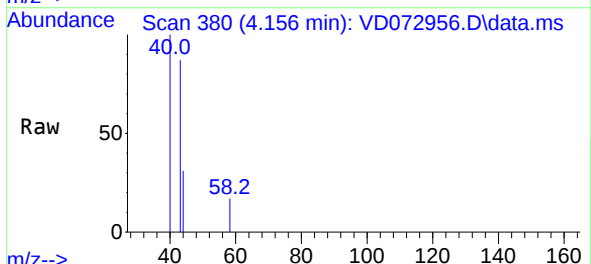
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-1824-01

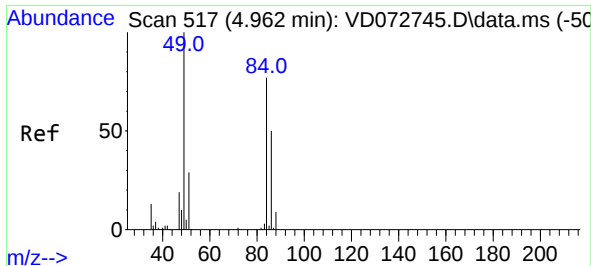
Tgt Ion: 59 Resp: 15397
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

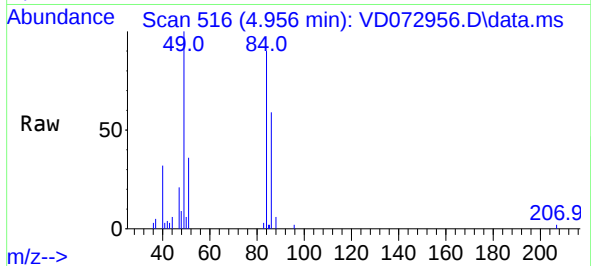
Tgt Ion: 43 Resp: 3619
Ion Ratio Lower Upper
43 100
58 19.2 22.1 33.1#



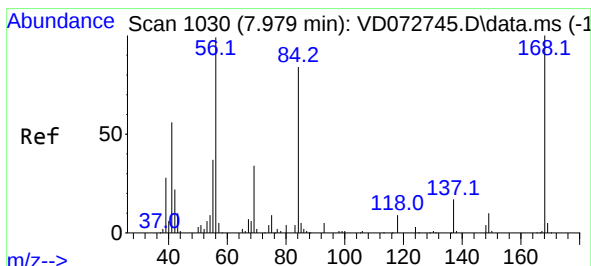
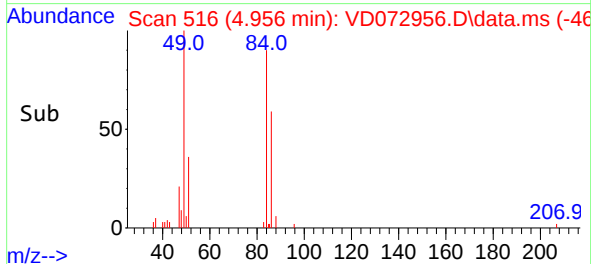
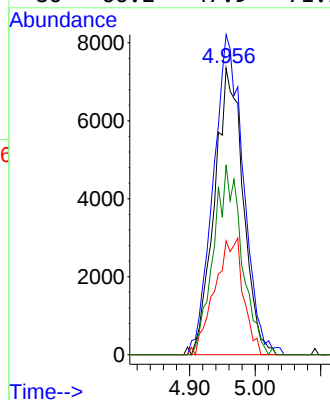


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-1824-01

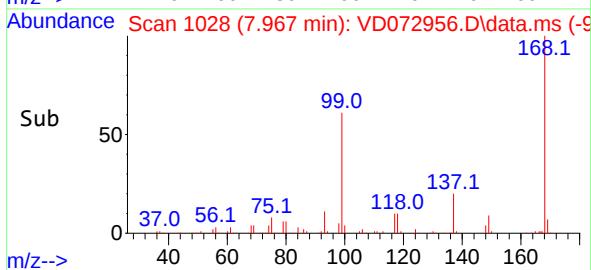
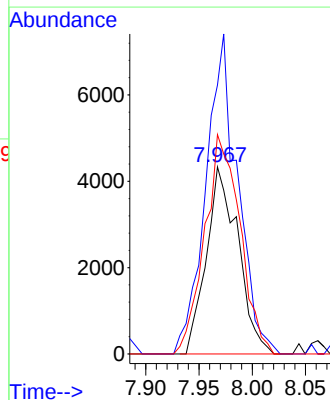
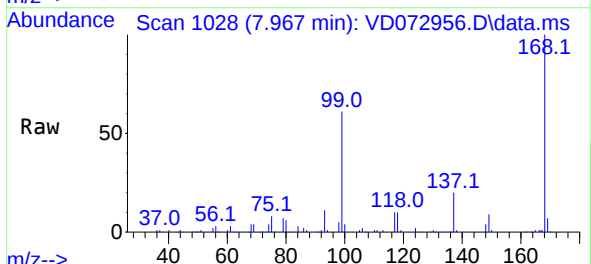


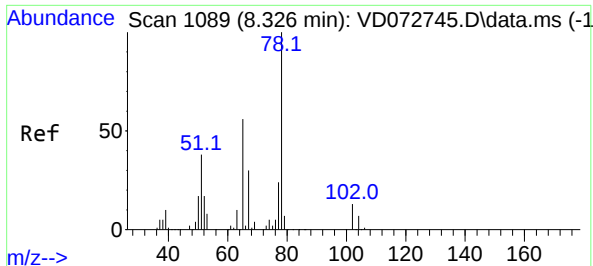
Tgt Ion:	84	Resp:	22410
Ion	Ratio	Lower	Upper
84	100		
49	111.7	112.8	169.2#
51	39.7	32.6	48.8
86	66.2	47.9	71.9



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Tgt Ion:	56	Resp:	8946
Ion	Ratio	Lower	Upper
56	100		
69	143.7	25.4	38.2#
84	117.3	63.0	94.4#

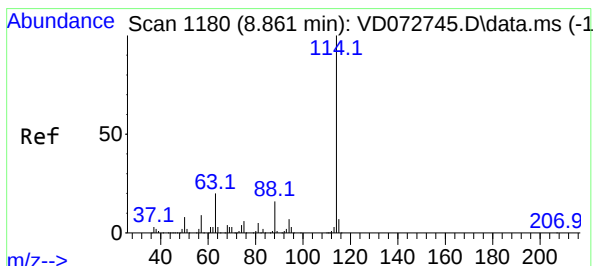
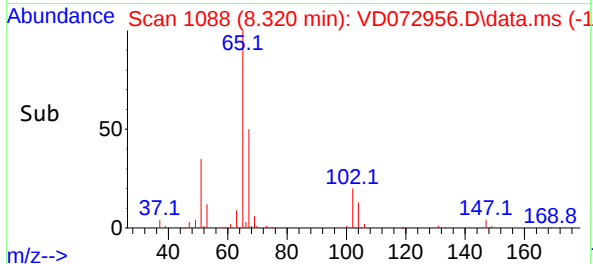
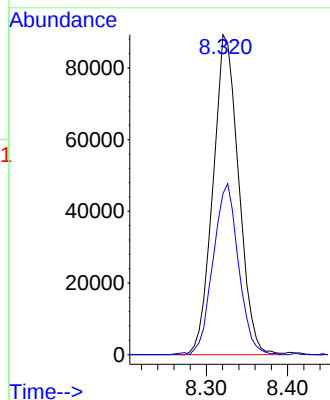
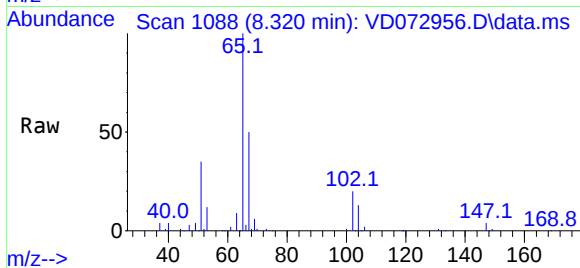




#33
1,2-Dichloroethane-d4
Concen: 41.682 ug/l
RT: 8.320 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

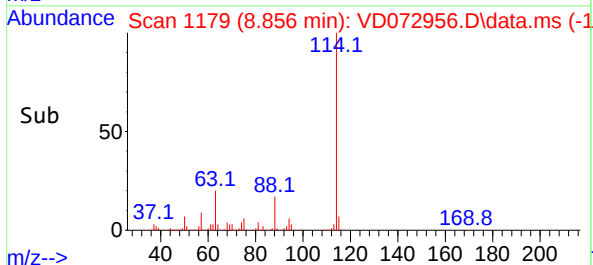
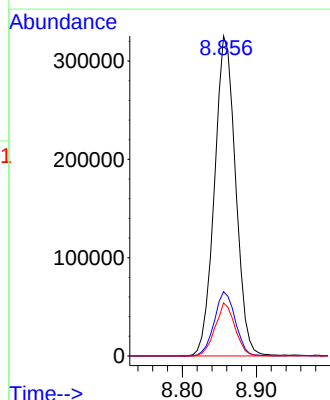
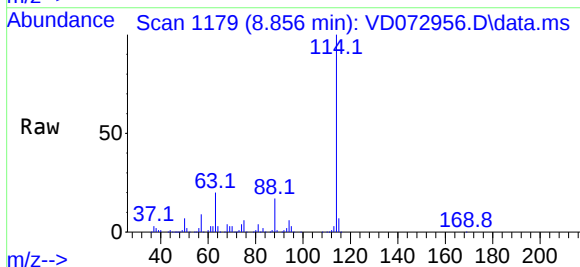
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-1824-01

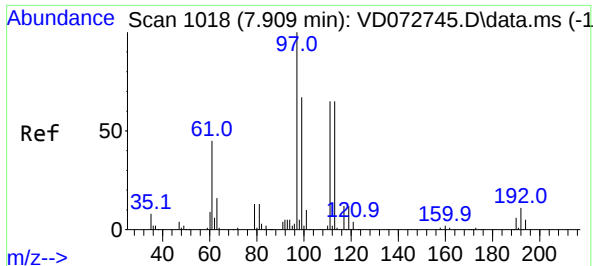
Tgt Ion: 65 Resp: 195970
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.005 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Tgt Ion: 114 Resp: 644133
Ion Ratio Lower Upper
114 100
63 20.1 0.0 46.6
88 16.6 0.0 33.2

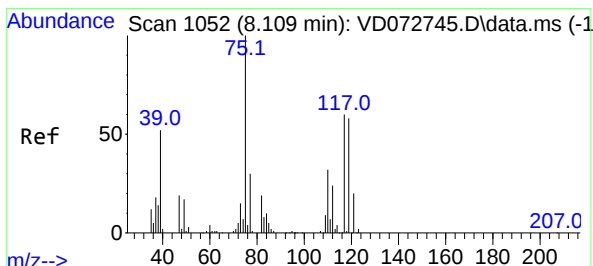
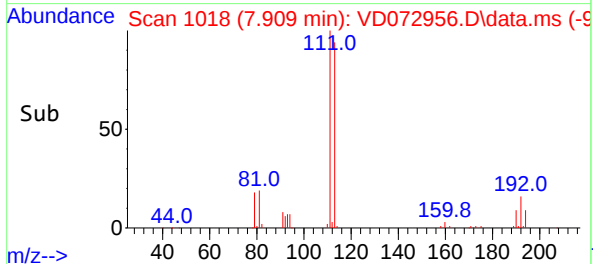
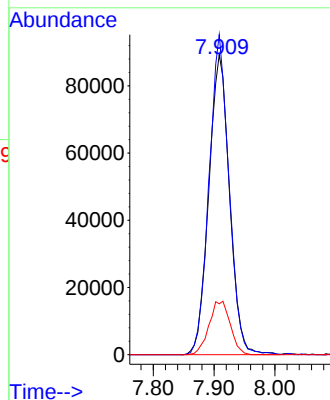
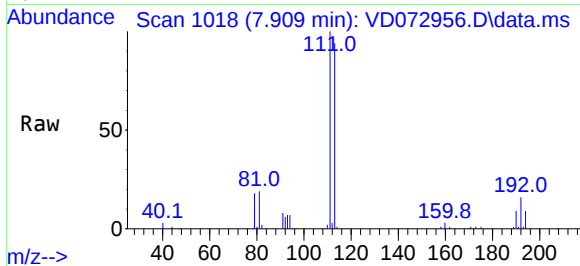




#35
Dibromofluoromethane
Concen: 46.715 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

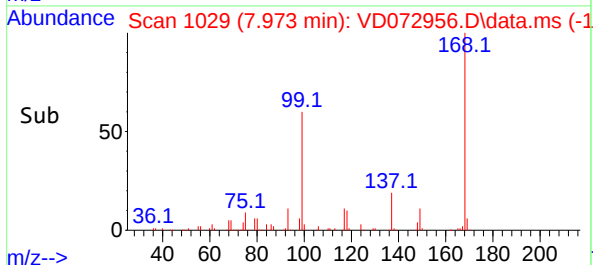
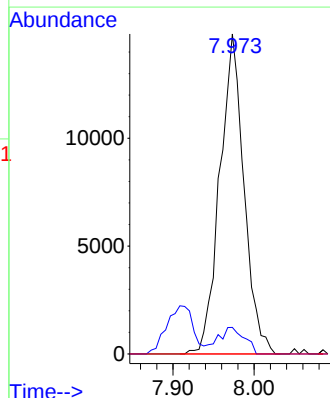
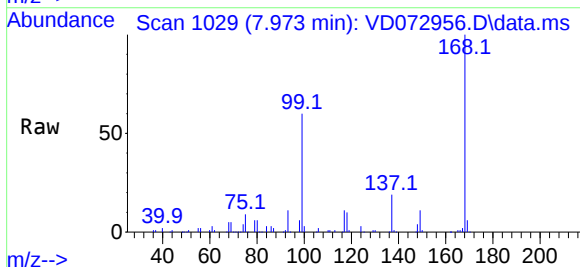
Instrument :
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ClientSampleId :
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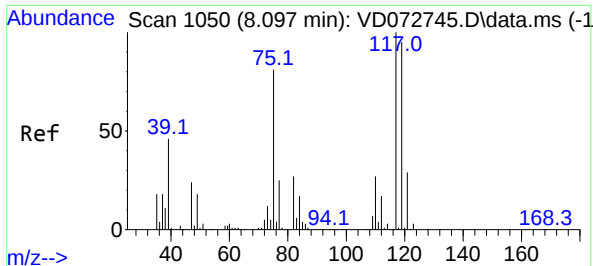
Tgt Ion:	113	Resp:	211331
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.8	125.6
192	18.2	14.6	21.8



#36
1,1-Dichloropropene
Concen: 4.181 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

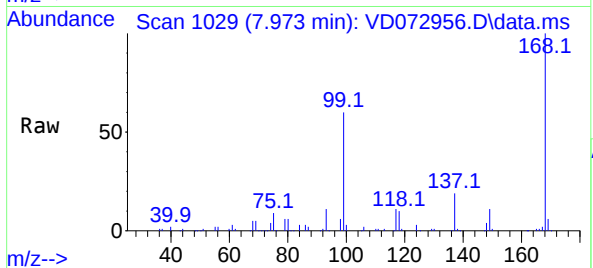
Tgt Ion:	75	Resp:	30754
Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.4	49.1#
77	0.0	24.2	36.2#



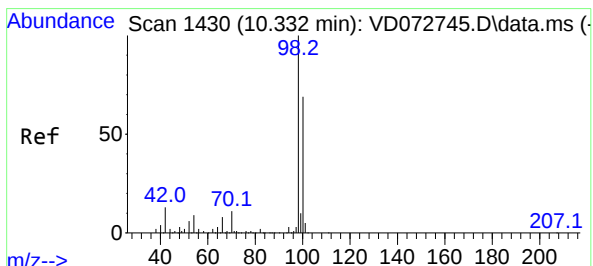
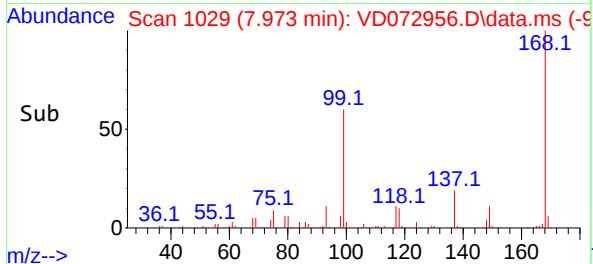
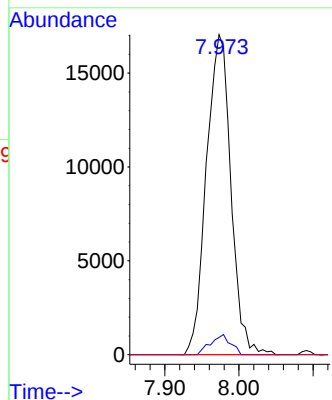


#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-1824-01

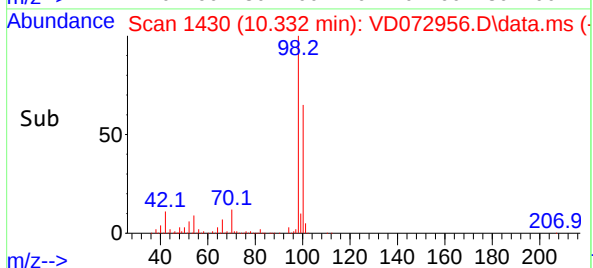
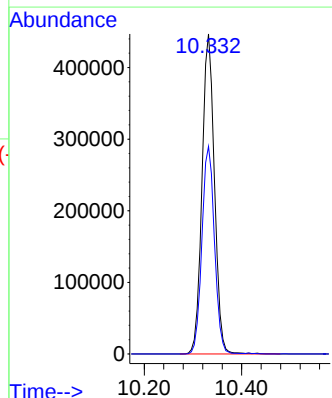
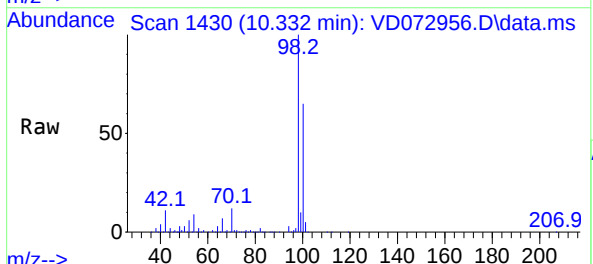


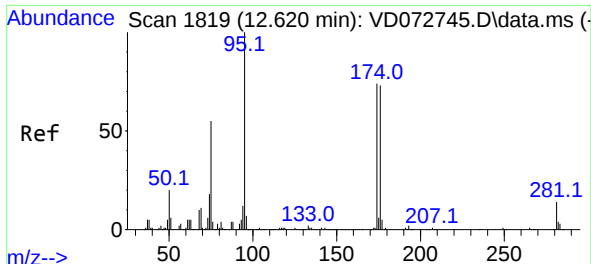
Tgt Ion:117 Resp: 39129
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.588 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Tgt Ion: 98 Resp: 788463
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

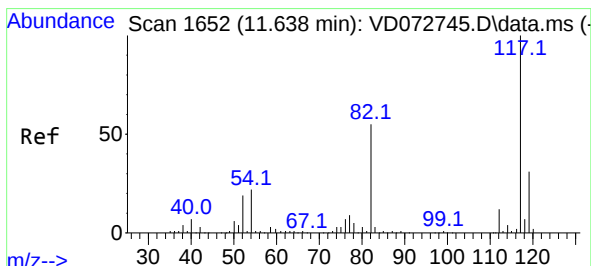
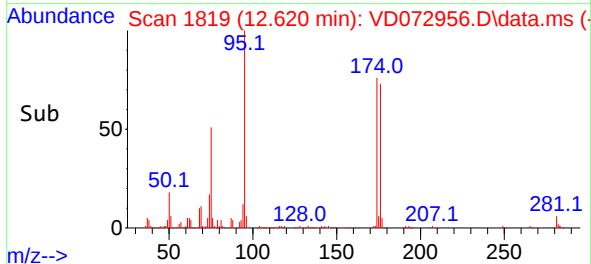
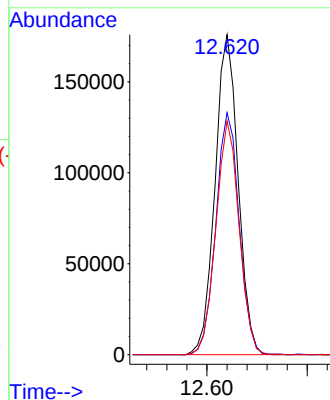
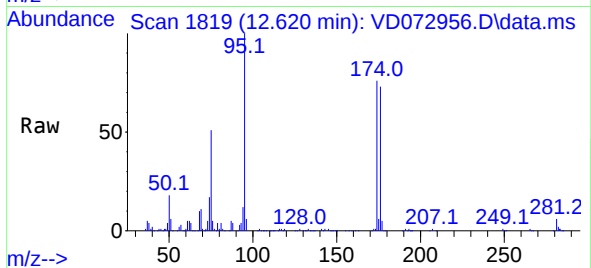




#62
4-Bromofluorobenzene
Concen: 46.312 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

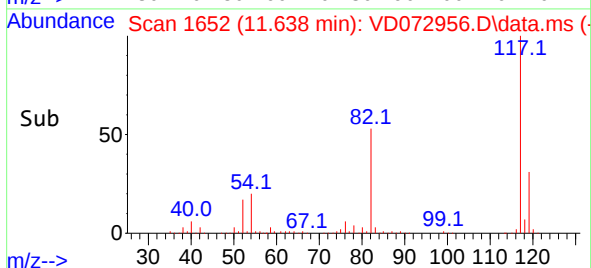
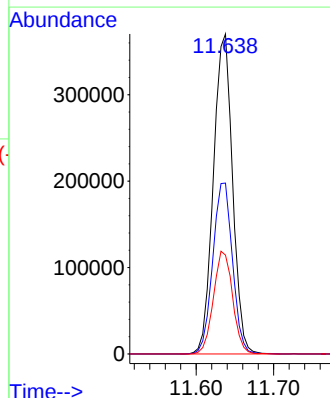
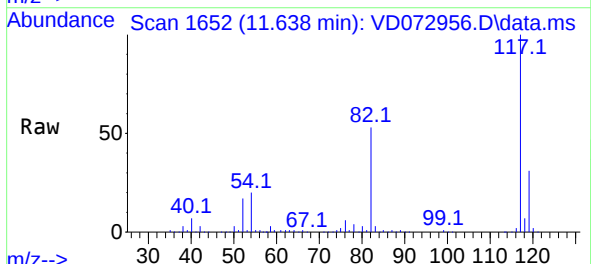
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-1824-01

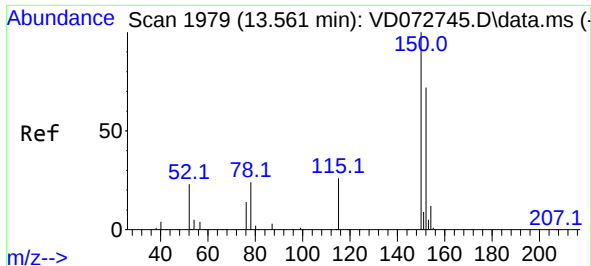
Tgt Ion:	95	Resp:	280220
Ion Ratio	Lower	Upper	
95	100		
174	76.6	0.0	152.8
176	73.4	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

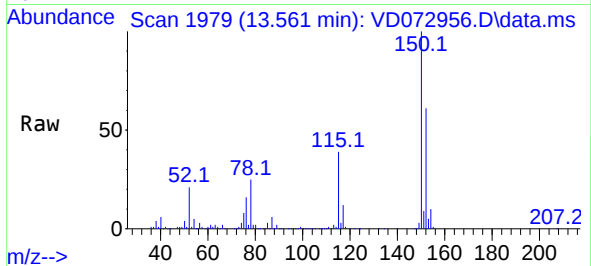
Tgt Ion:	117	Resp:	637029
Ion Ratio	Lower	Upper	
117	100		
82	53.4	45.3	67.9
119	30.9	26.6	40.0



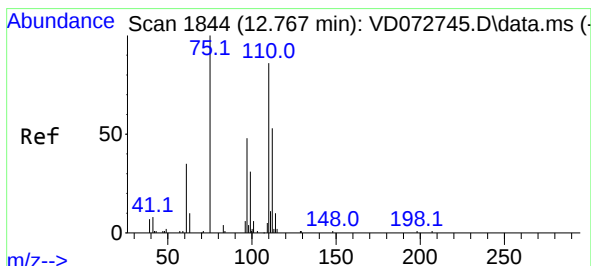
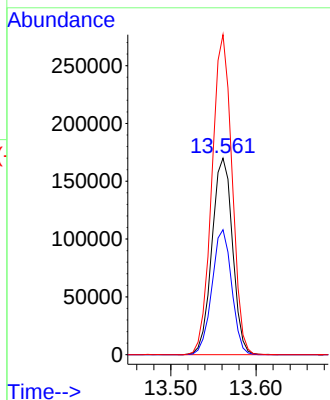
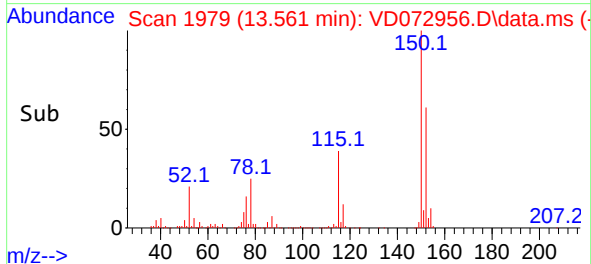


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-1824-01

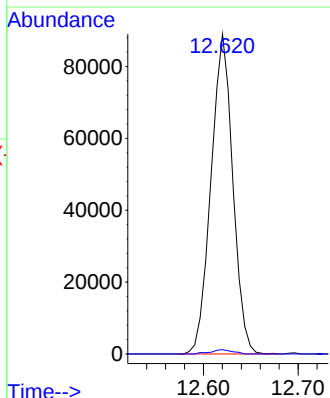
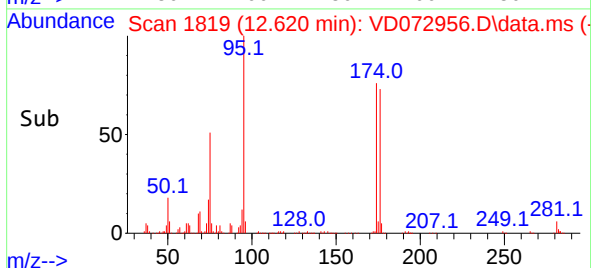
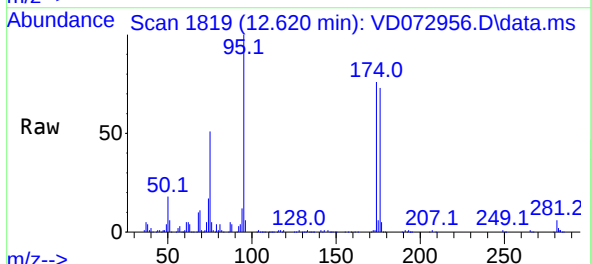


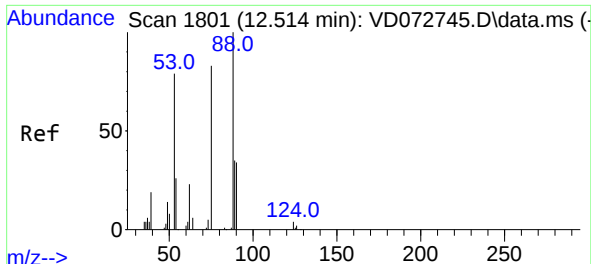
Tgt Ion:152 Resp: 285985
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 159.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.559 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072956.D
Acq: 12 May 2022 19:17

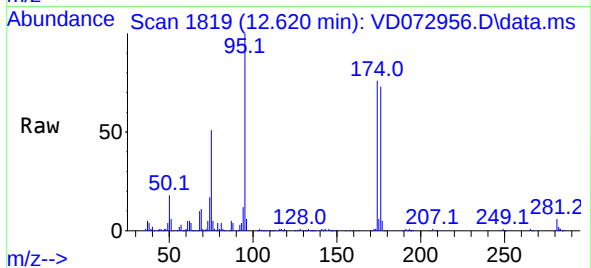
Tgt Ion: 75 Resp: 142096
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.468 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072956.D
 Acq: 12 May 2022 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 P019-SS001-1824-01



Tgt Ion: 75 Resp: 142096
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 0.1 33.9 50.9#

