

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072957.D
 Acq On : 12 May 2022 19:46
 Operator : VA/SY
 Sample : N2782-08
 Misc : 5.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P019-SS001-2430-01

Quant Time: May 13 05:57:44 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)

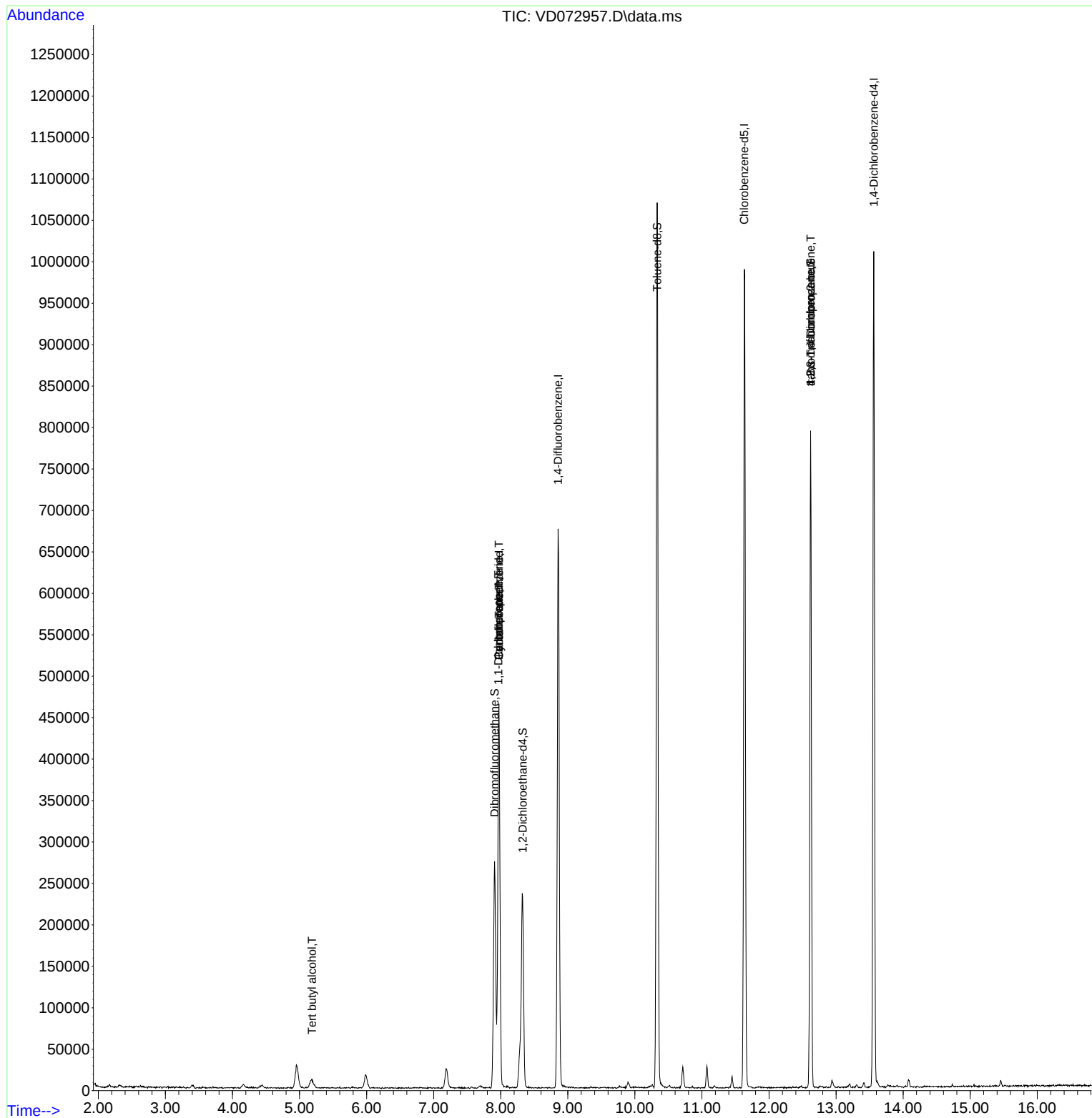
Internal Standards						
1) Pentafluorobenzene	7.973	168	326159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	583682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	580753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183172	43.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.520%
35) Dibromofluoromethane	7.909	113	192533	46.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.940%
50) Toluene-d8	10.332	98	717282	48.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.620	95	255204	46.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.100%
Target Compounds						
					Qvalue	
5) Bromomethane	2.762	94	330	Below Cal	#	51
11) Tert butyl alcohol	5.185	59	10634	29.030	ug/l #	74
16) Acetone	4.162	43	7722	Below Cal		100
18) Methyl Acetate	4.644	43	112	Below Cal	#	55
20) Methylene Chloride	4.950	84	21354	Below Cal	#	79
31) Cyclohexane	7.973	56	7474	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	27956	4.194	ug/l #	52
38) Carbon Tetrachloride	7.973	117	34383	4.969	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	130611	44.327	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	130611	101.934	ug/l #	7

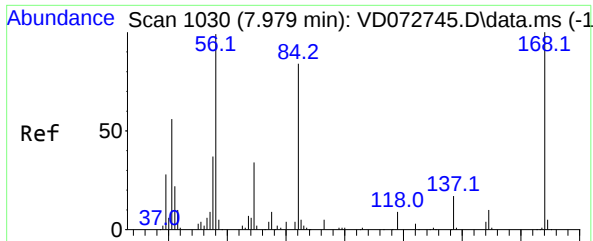
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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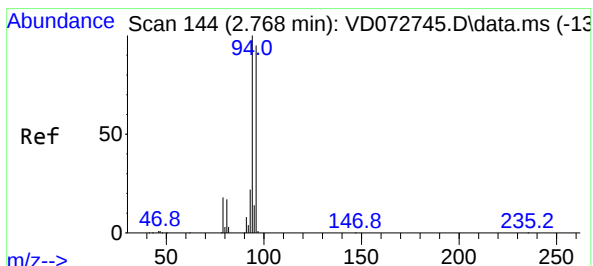
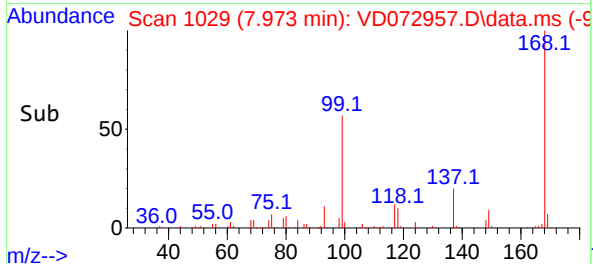
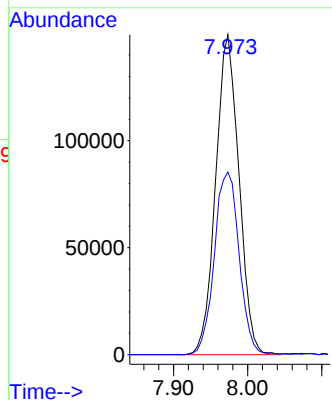
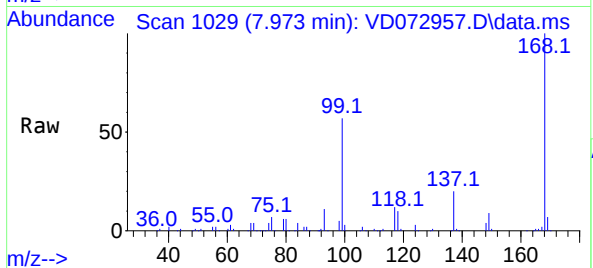




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

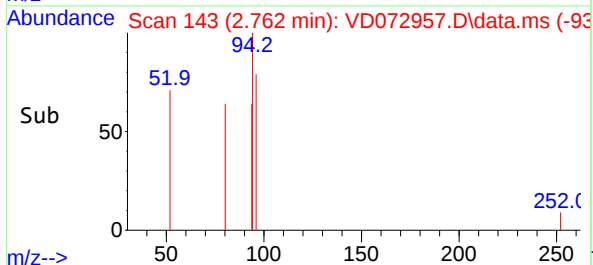
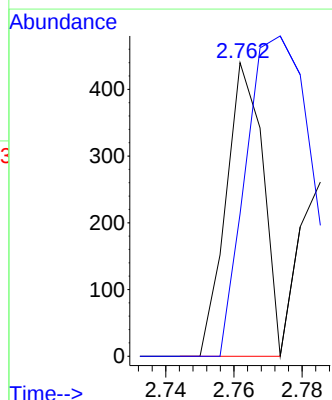
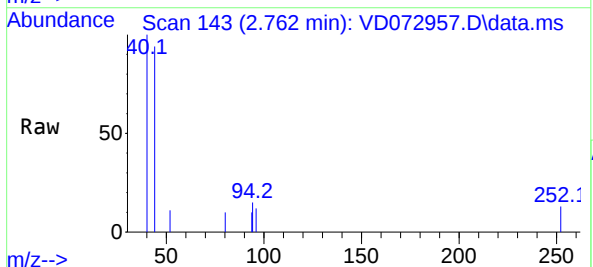
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-2430-01

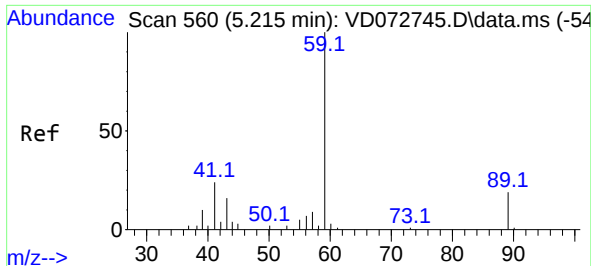
Tgt Ion:168 Resp: 326159
Ion Ratio Lower Upper
168 100
99 57.1 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

Tgt Ion: 94 Resp: 330
Ion Ratio Lower Upper
94 100
96 48.4 77.6 116.4#

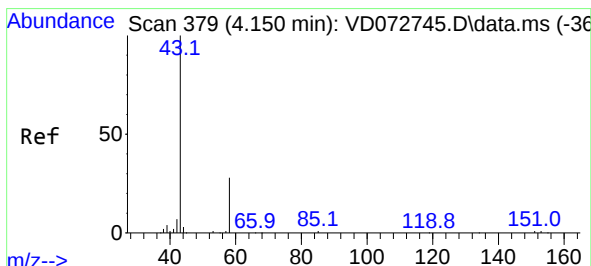
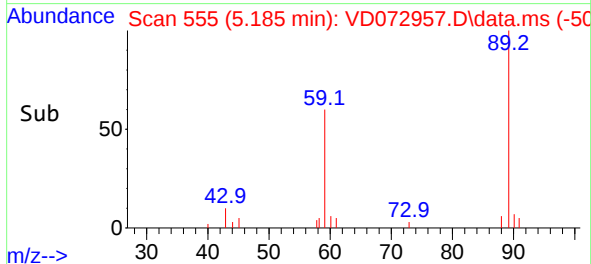
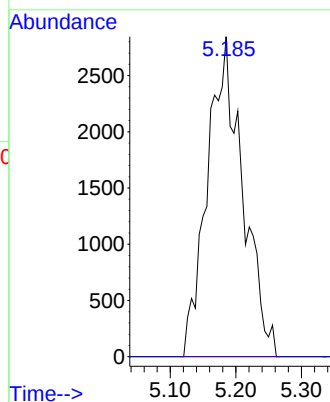
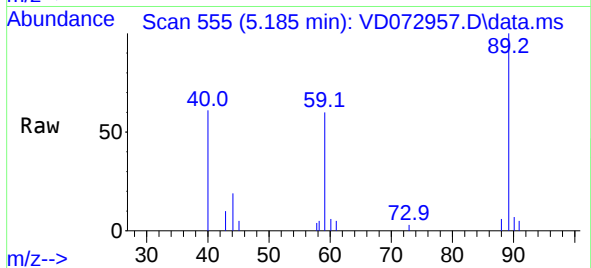




#11
Tert butyl alcohol
Concen: 29.030 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

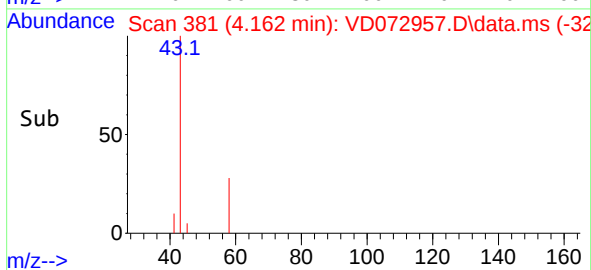
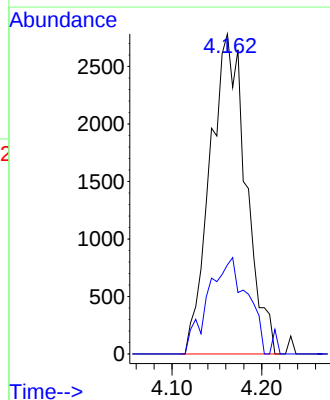
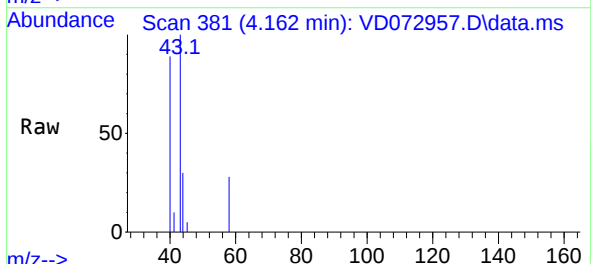
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-2430-01

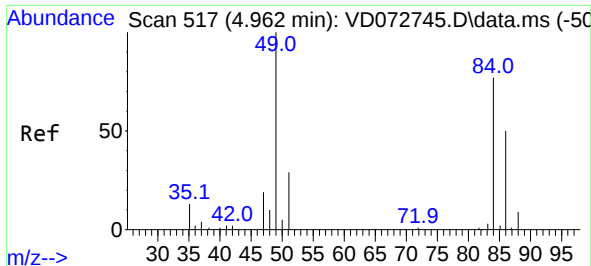
Tgt Ion: 59 Resp: 10634
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

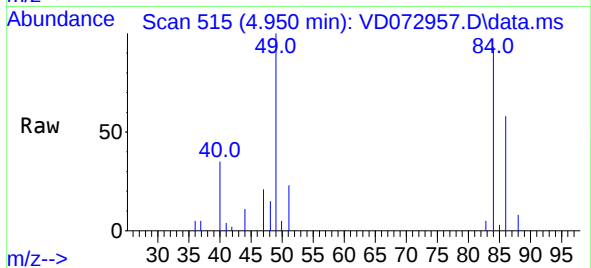
Tgt Ion: 43 Resp: 7722
Ion Ratio Lower Upper
43 100
58 27.8 22.1 33.1





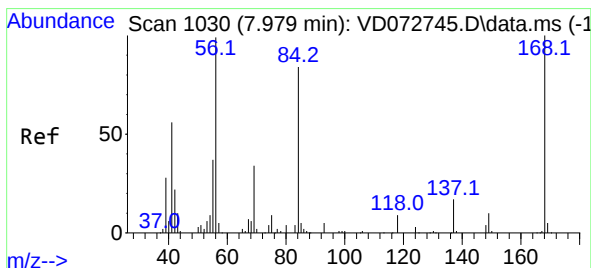
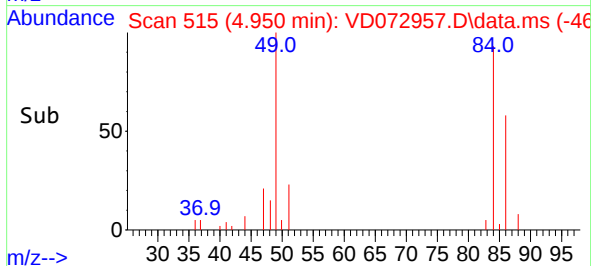
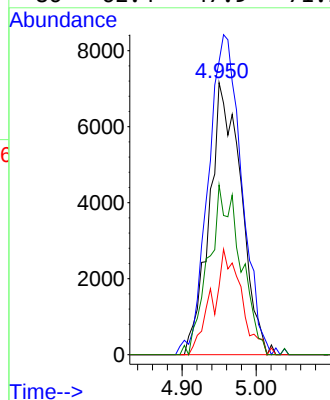
#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-2430-01



Tgt Ion: 84 Resp: 21354

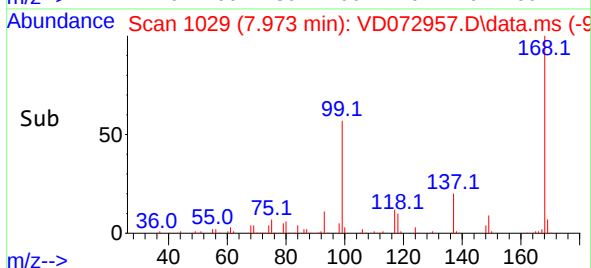
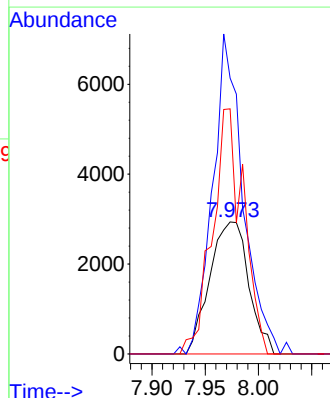
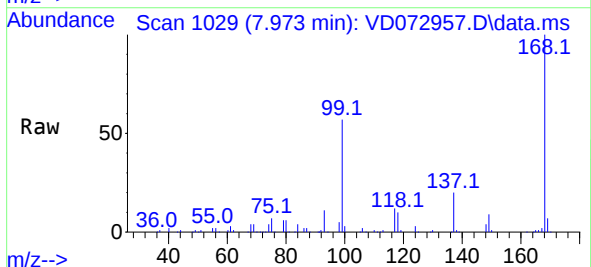
Ion	Ratio	Lower	Upper
84	100		
49	107.8	112.8	169.2#
51	25.1	32.6	48.8#
86	62.4	47.9	71.9

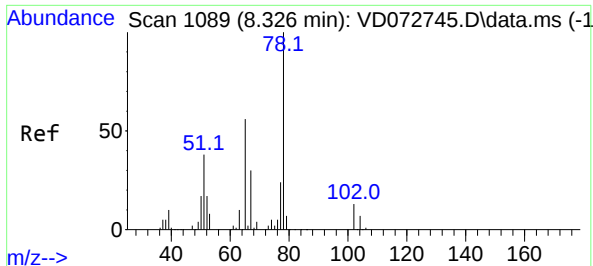


#31
Cyclohexane
Concen: 1.010 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

Tgt Ion: 56 Resp: 7474

Ion	Ratio	Lower	Upper
56	100		
69	208.8	25.4	38.2#
84	185.6	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 43.264 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072957.D

Acq: 12 May 2022 19:46

Instrument :

MSVOA_D

ClientSampleId :

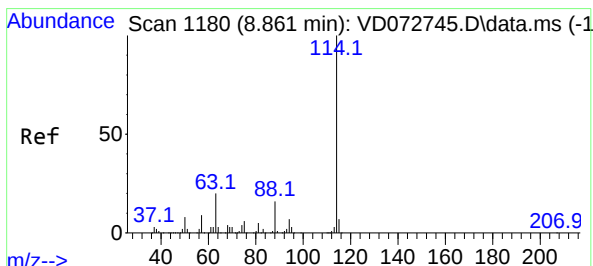
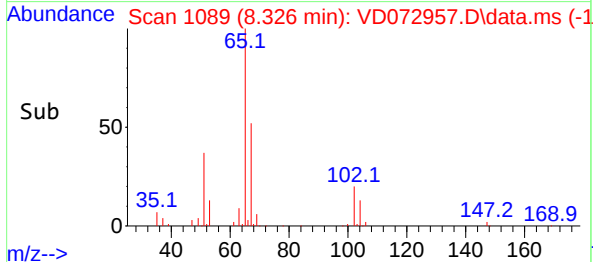
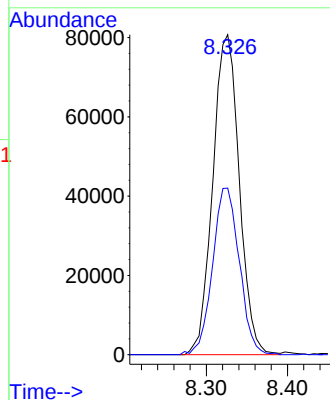
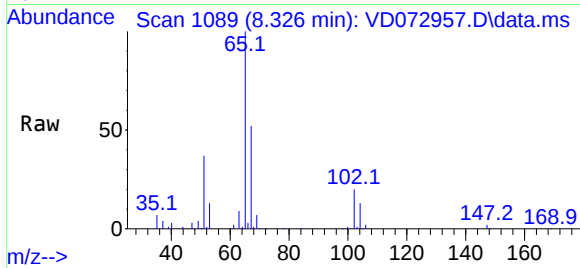
P019-SS001-2430-01

Tgt Ion: 65 Resp: 183172

Ion Ratio Lower Upper

65 100

67 52.6 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: VD072957.D

Acq: 12 May 2022 19:46

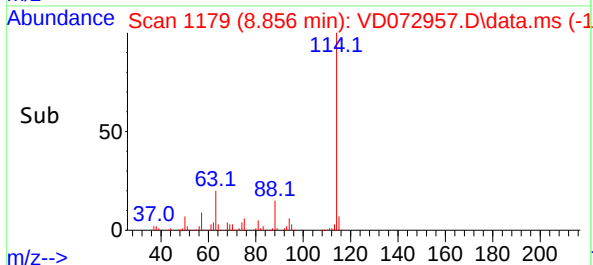
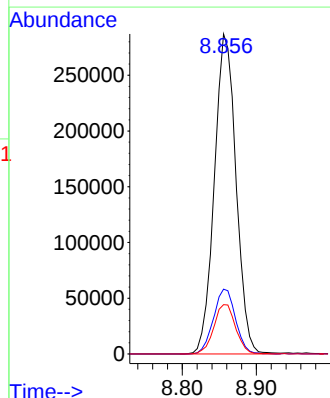
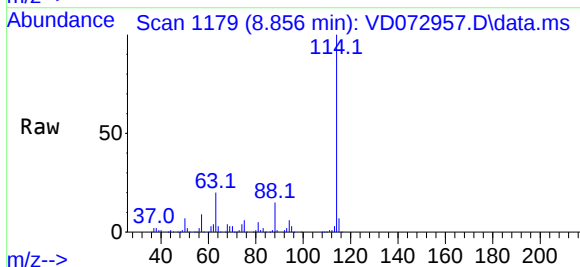
Tgt Ion: 114 Resp: 583682

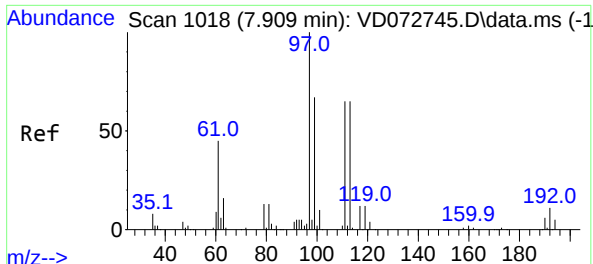
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

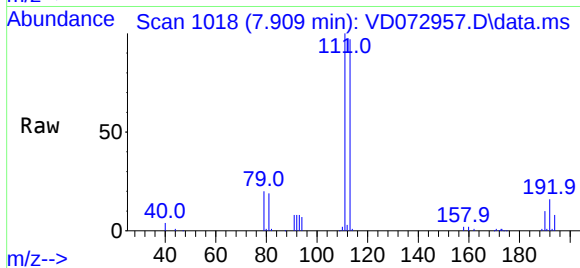
88 15.4 0.0 33.2



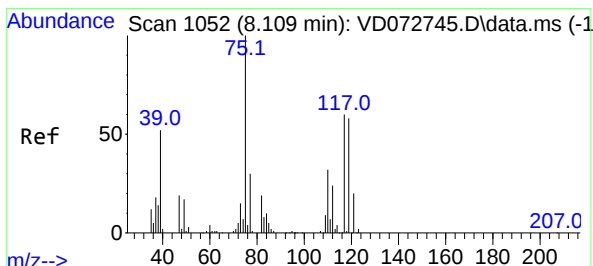
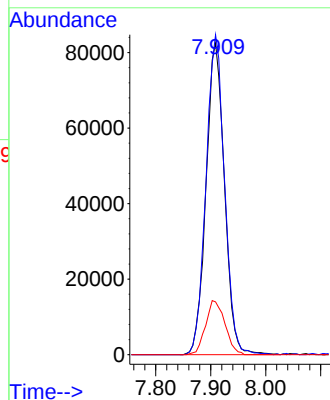
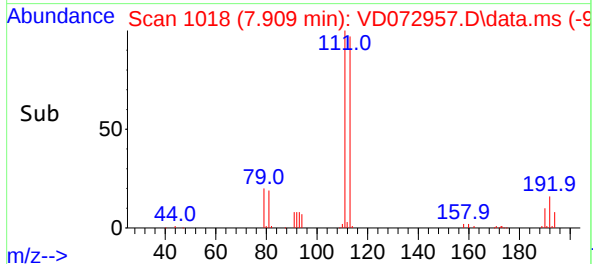


#35
Dibromofluoromethane
Concen: 46.968 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

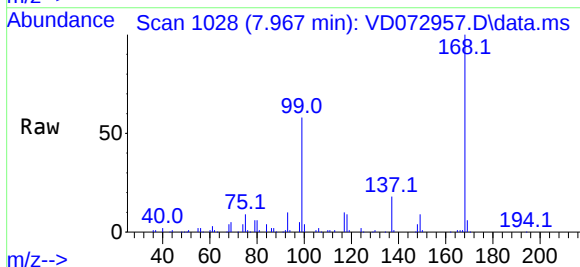
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-2430-01



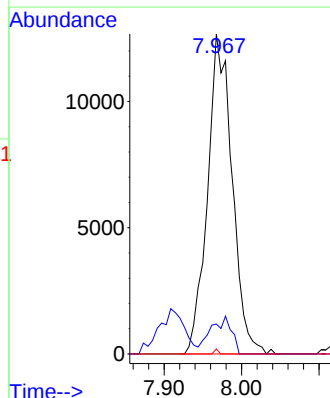
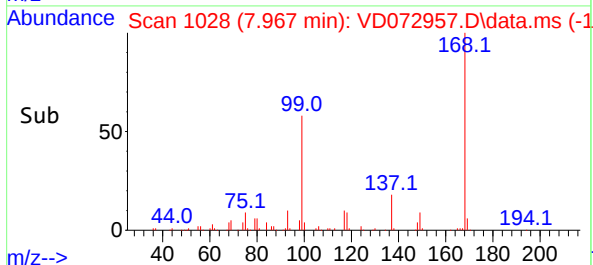
Tgt Ion:113 Resp: 192533
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.2 14.6 21.8

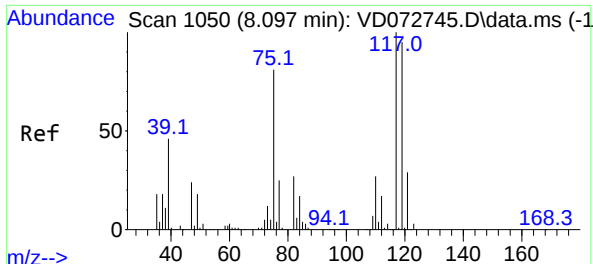


#36
1,1-Dichloropropene
Concen: 4.194 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.142 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46



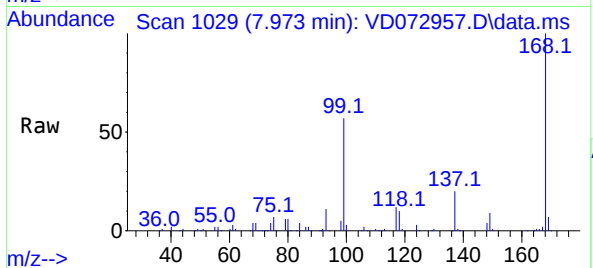
Tgt Ion: 75 Resp: 27956
Ion Ratio Lower Upper
75 100
110 9.9 16.4 49.1#
77 0.2 24.2 36.2#



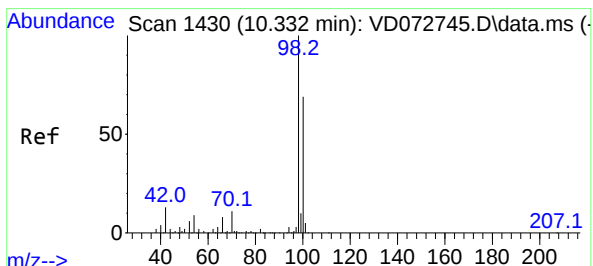
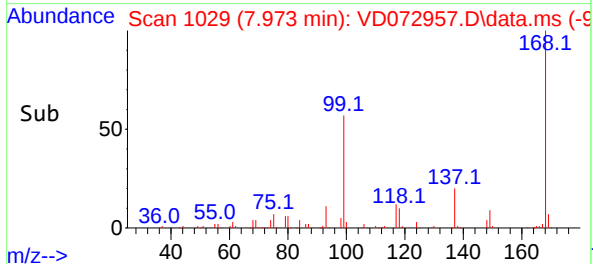
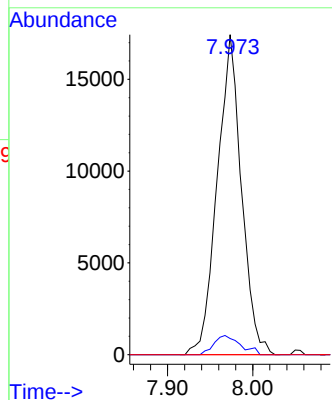


#38
Carbon Tetrachloride
Concen: 4.969 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-2430-01

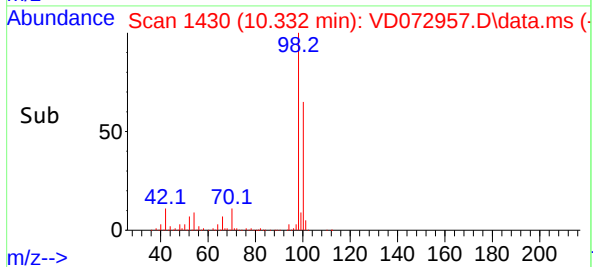
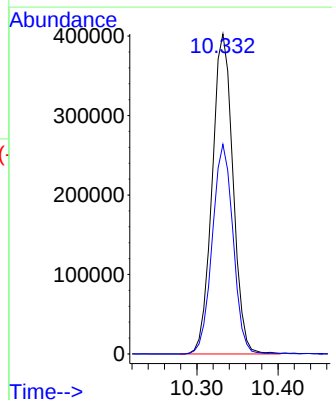
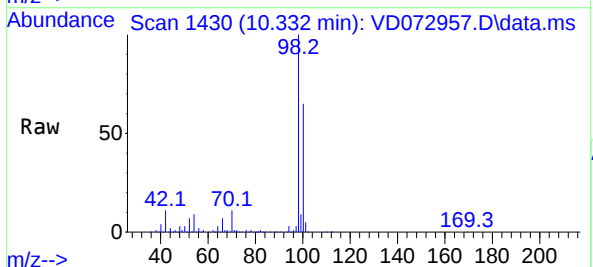


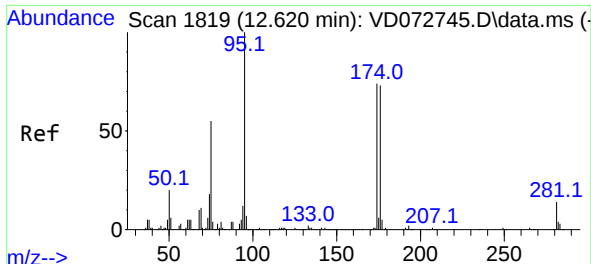
Tgt Ion:117 Resp: 34383
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.780 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

Tgt Ion: 98 Resp: 717282
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

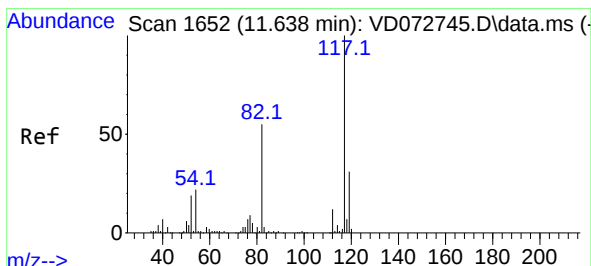
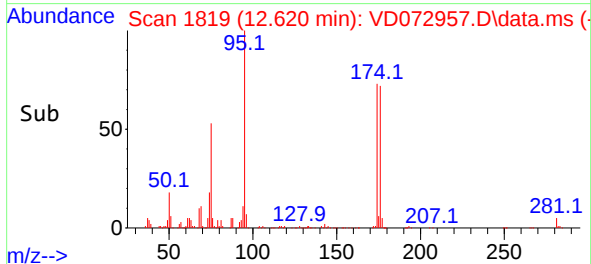
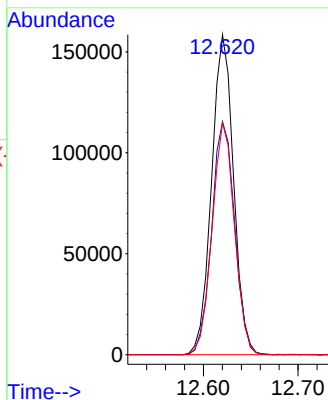
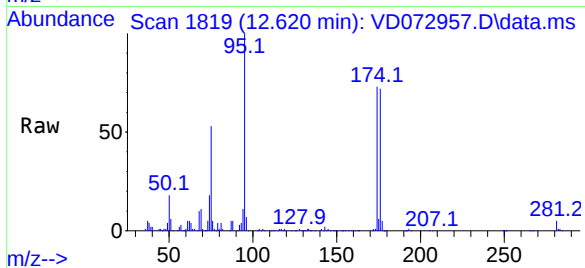




#62
4-Bromofluorobenzene
Concen: 46.546 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

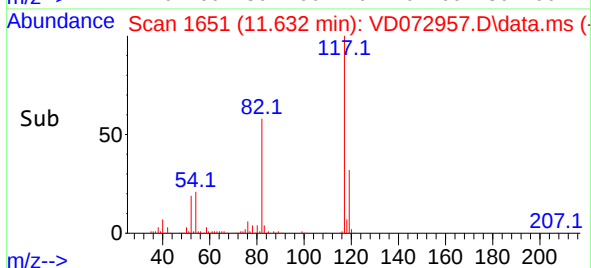
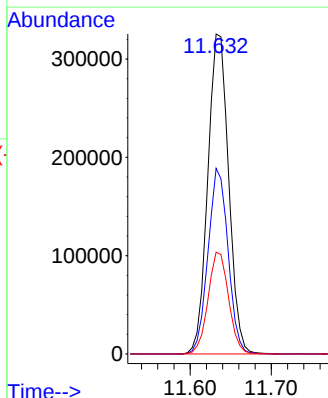
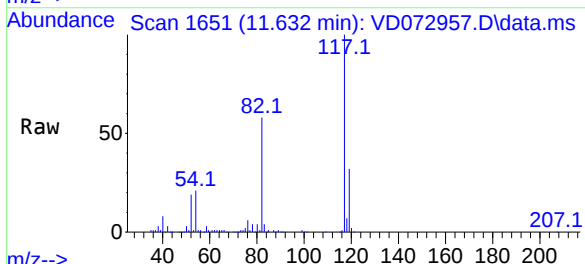
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-2430-01

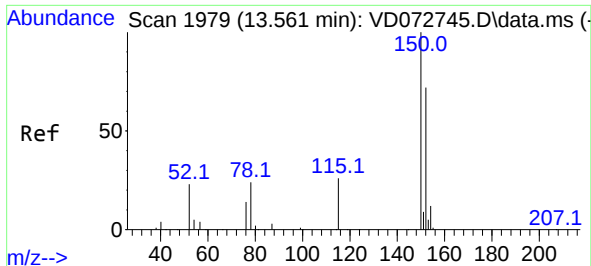
Tgt Ion: 95 Resp: 255204
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 73.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

Tgt Ion: 117 Resp: 580753
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 31.8 26.6 40.0

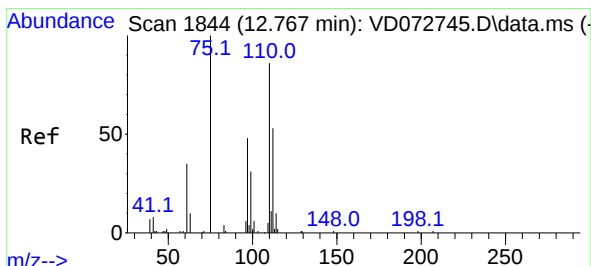
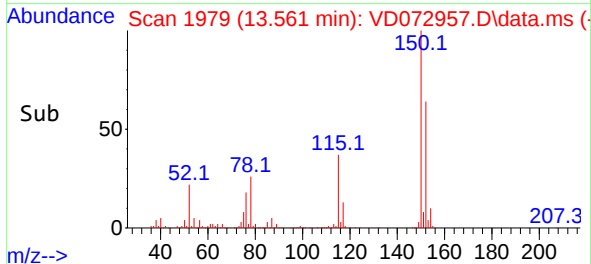
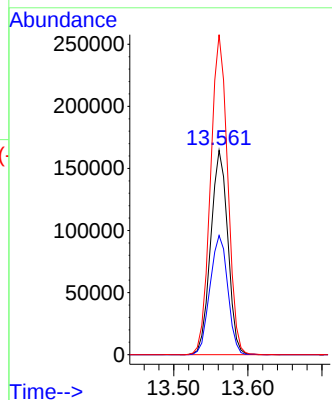
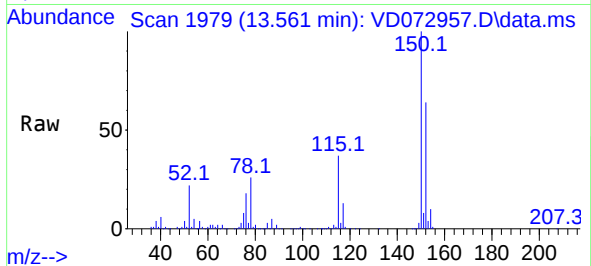




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

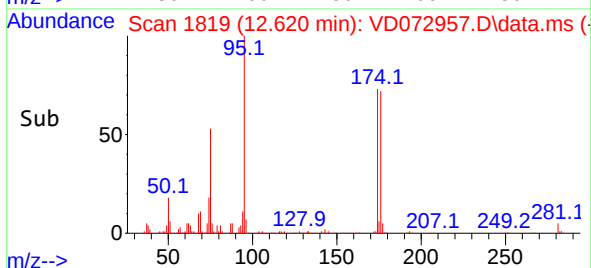
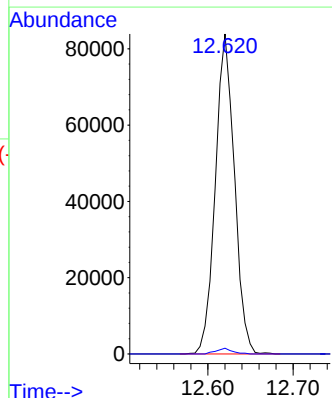
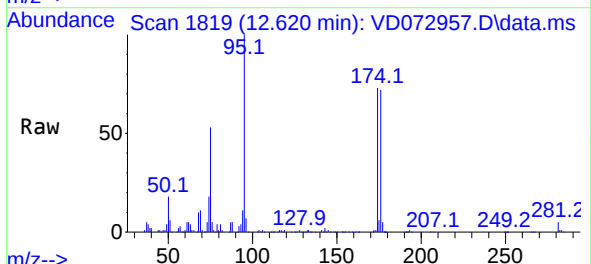
Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-2430-01

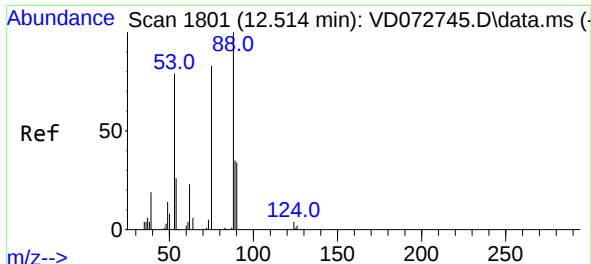
Tgt Ion:152 Resp: 264248
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.327 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

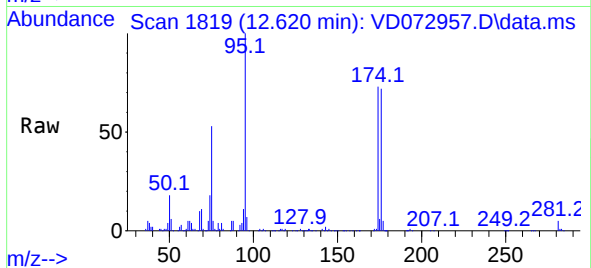
Tgt Ion: 75 Resp: 130611
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.934 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072957.D
Acq: 12 May 2022 19:46

Instrument :
MSVOA_D
ClientSampleId :
P019-SS001-2430-01



Tgt Ion: 75 Resp: 130611
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#

