

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074344.D
 Acq On : 19 Sep 2022 12:28
 Operator : VA/SY
 Sample : VD0919SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0919SBL01

Quant Time: Sep 19 23:00:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

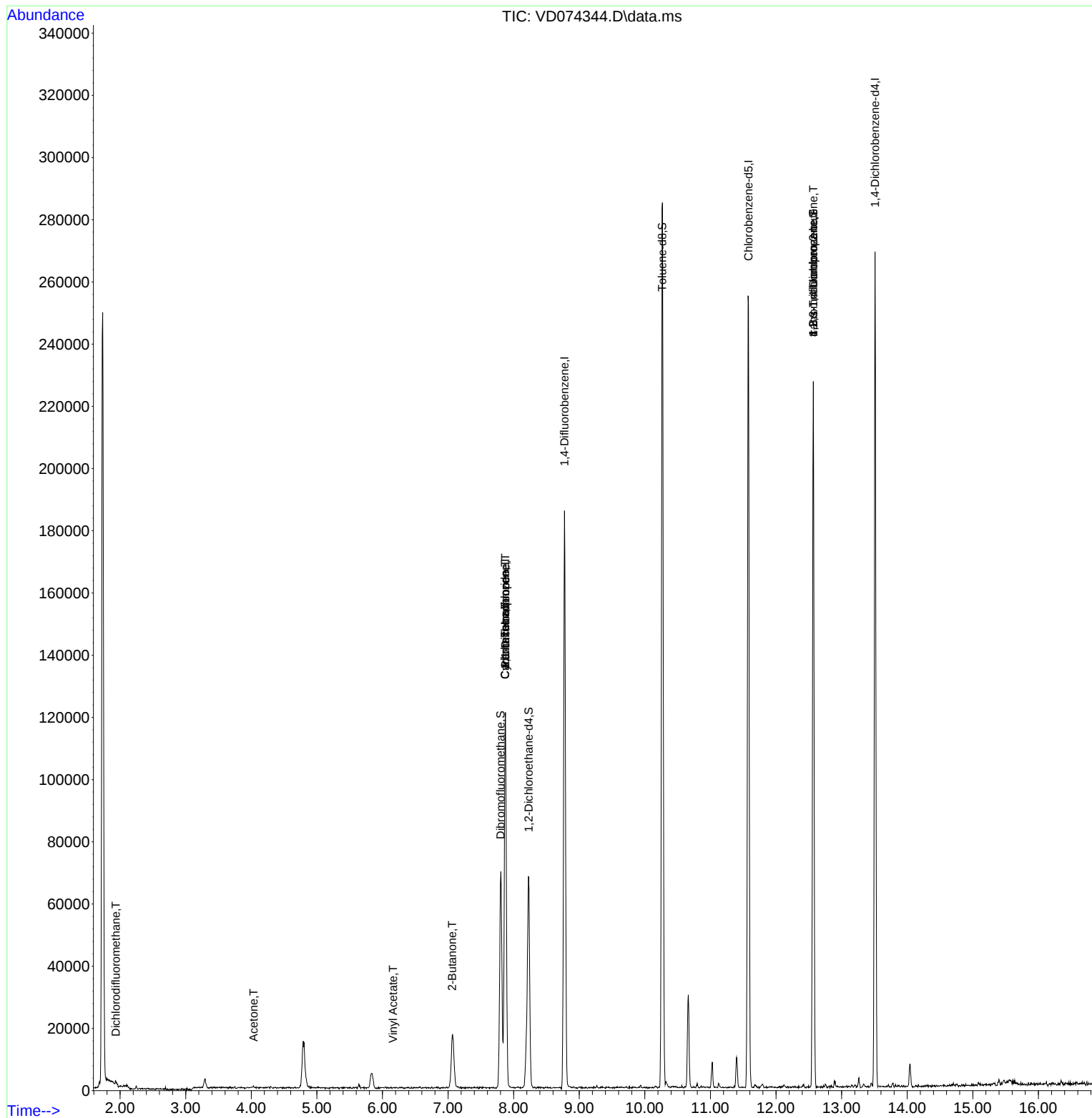
Internal Standards						
1) Pentafluorobenzene	7.875	168	92785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	158547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49455	54.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.440%	
35) Dibromofluoromethane	7.799	113	50261	48.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.260%	
50) Toluene-d8	10.263	98	203333	56.434	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.860%	
62) 4-Bromofluorobenzene	12.569	95	60685	49.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.320%	
Target Compounds						
2) Dichlorodifluoromethane	1.934	85	1098	1.285	ug/l	Qvalue 93
16) Acetone	4.034	43	558	2.741	ug/l #	42
18) Methyl Acetate	4.769	43	282	Below Cal	#	51
23) Vinyl Acetate	6.163	43	60	14.265	ug/l #	71
25) 2-Butanone	7.063	43	621	2.048	ug/l #	48
31) Cyclohexane	7.869	56	2163	1.141	ug/l #	18
36) 1,1-Dichloropropene	7.875	75	7347	4.609	ug/l #	49
38) Carbon Tetrachloride	7.869	117	8898	6.299	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	32967	51.276	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	32967	128.509	ug/l #	100

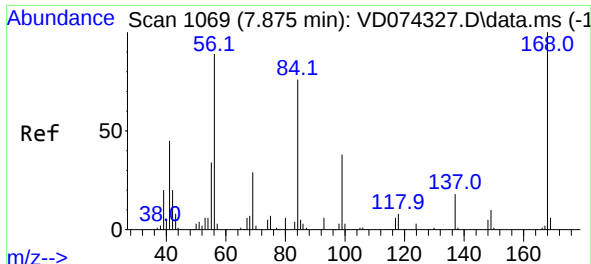
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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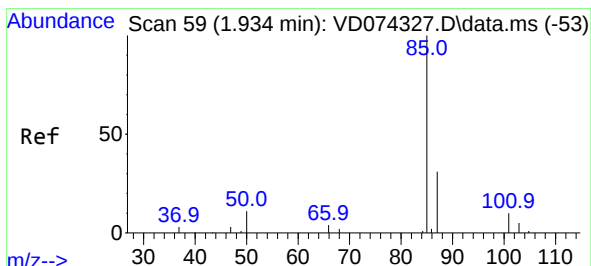
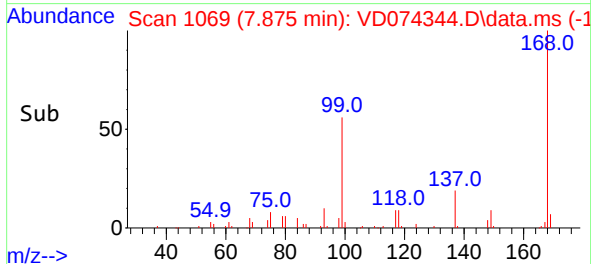
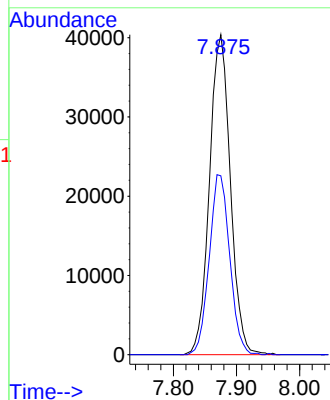
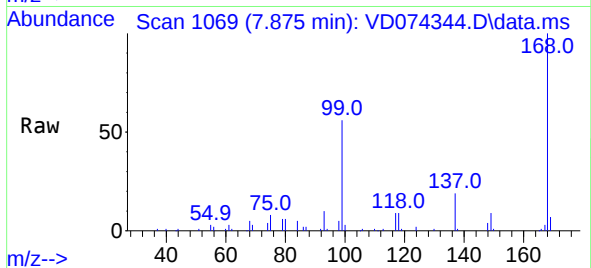




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

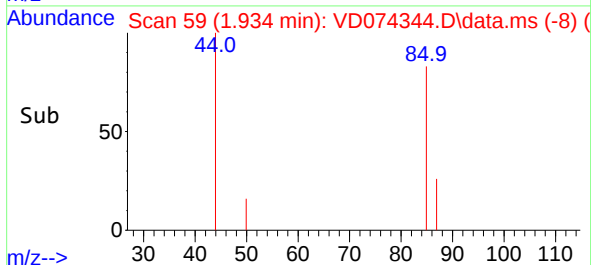
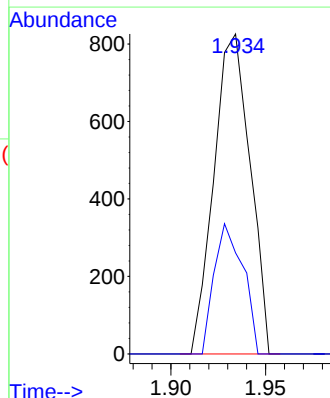
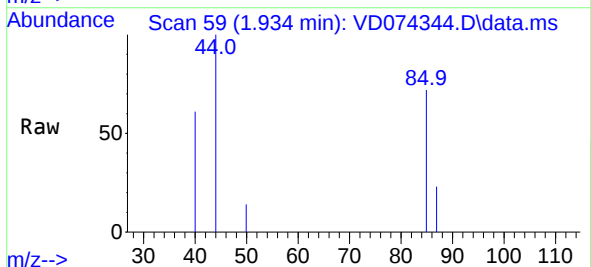
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

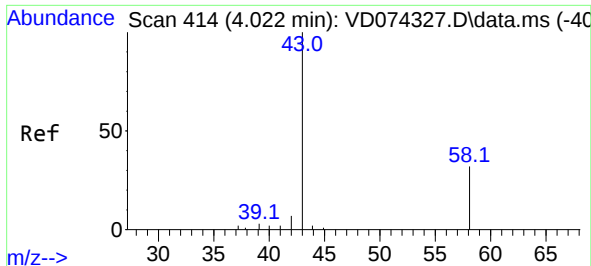
Tgt Ion:168 Resp: 92785
Ion Ratio Lower Upper
168 100
99 55.9 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 1.285 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

Tgt Ion: 85 Resp: 1098
Ion Ratio Lower Upper
85 100
87 31.6 17.9 53.7

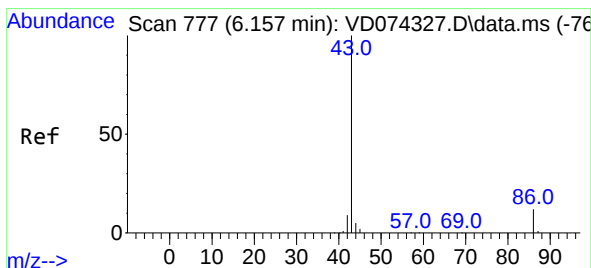
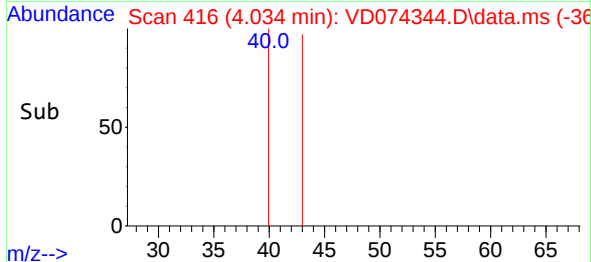
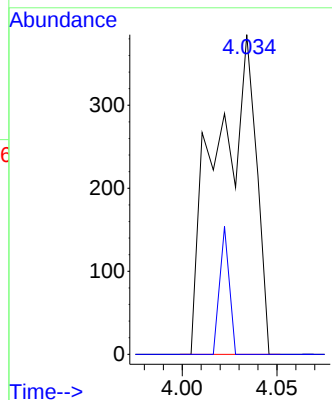
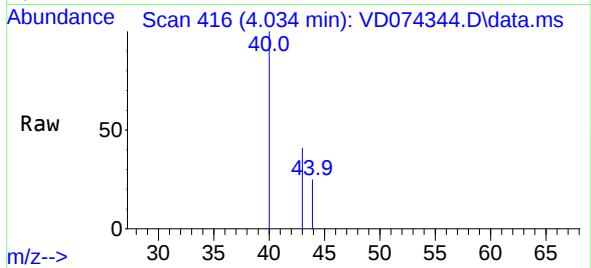




#16
Acetone
Concen: 2.741 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

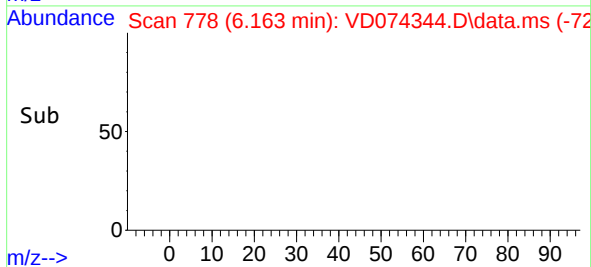
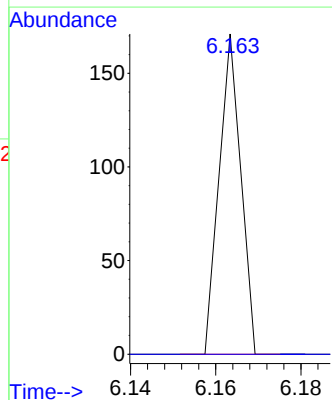
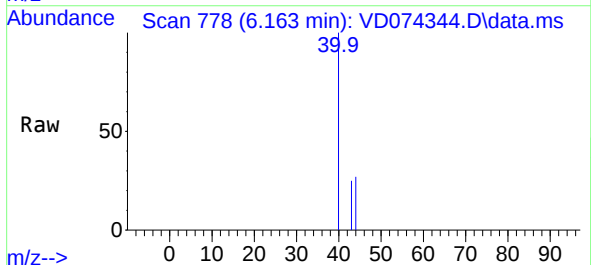
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

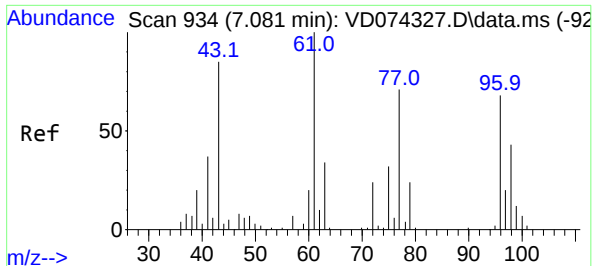
Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



#23
Vinyl Acetate
Concen: 14.265 ug/l
RT: 6.163 min Scan# 778
Delta R.T. 0.006 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#





#25

2-Butanone

Concen: 2.048 ug/l

RT: 7.063 min Scan# 91

Delta R.T. -0.018 min

Lab File: VD074344.D

Acq: 19 Sep 2022 12:28

Instrument :

MSVOA_D

ClientSampleId :

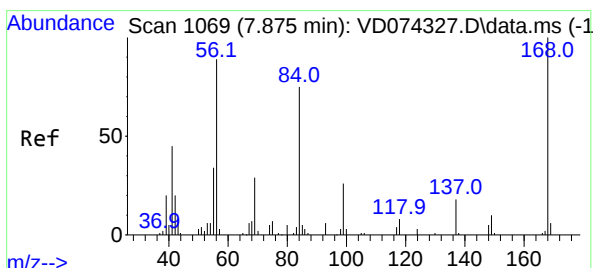
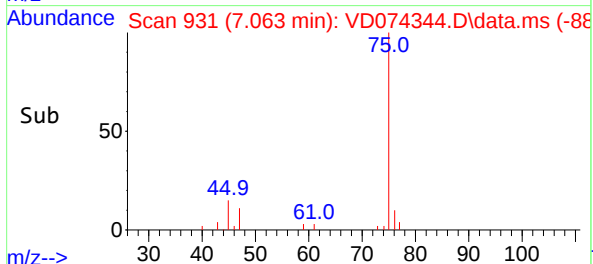
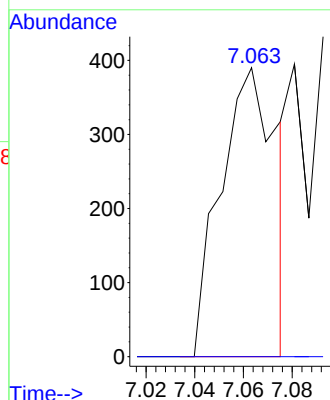
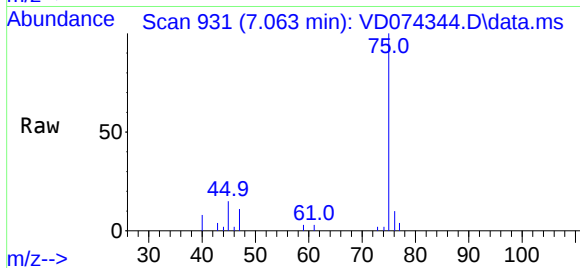
VD0919SBL01

Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#



#31

Cyclohexane

Concen: 1.141 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD074344.D

Acq: 19 Sep 2022 12:28

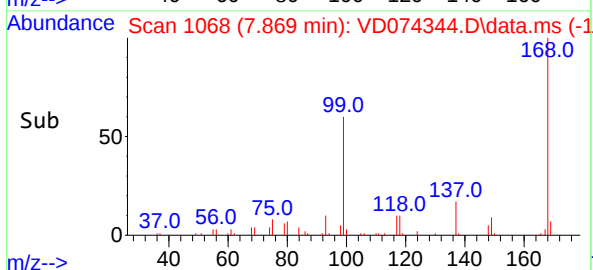
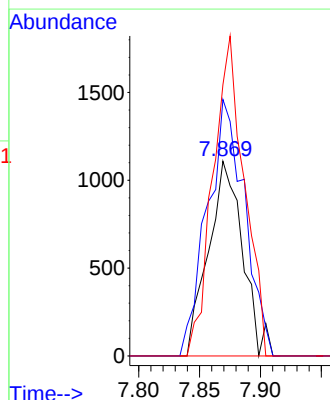
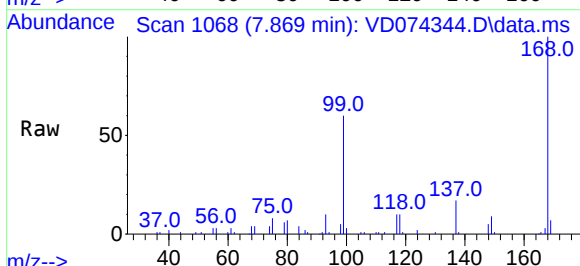
Tgt Ion: 56 Resp: 2163

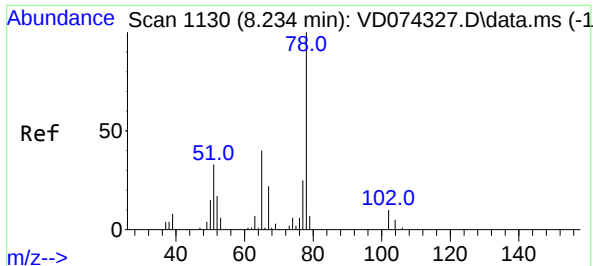
Ion Ratio Lower Upper

56 100

69 131.7 25.7 38.5#

84 139.2 73.9 110.9#

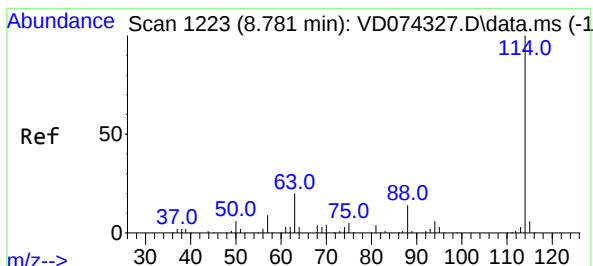
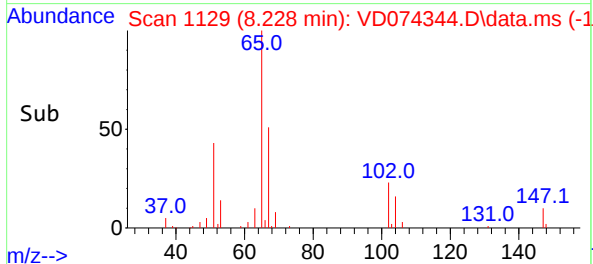
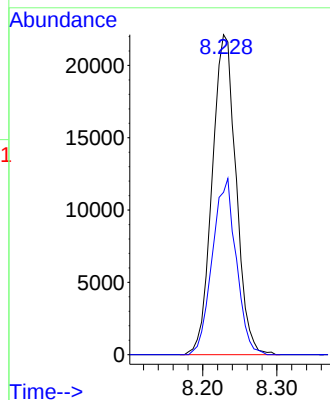
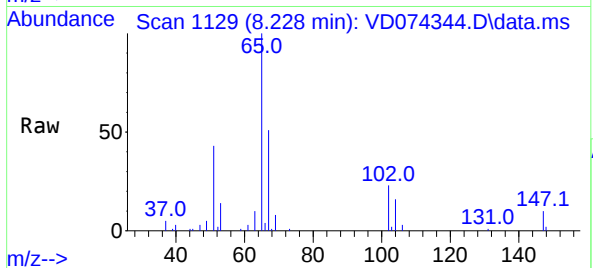




#33
1,2-Dichloroethane-d4
Concen: 54.722 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

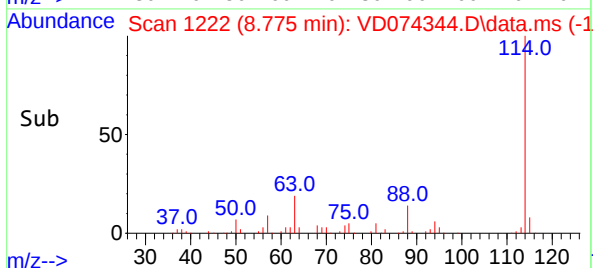
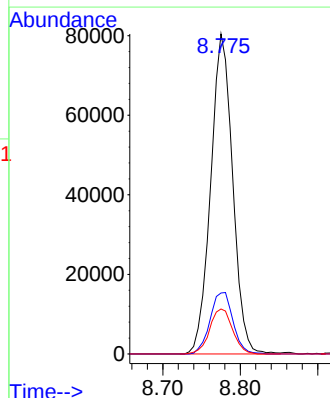
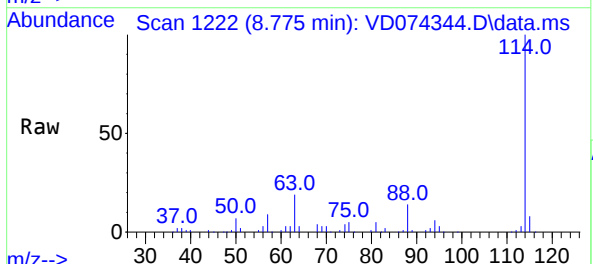
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

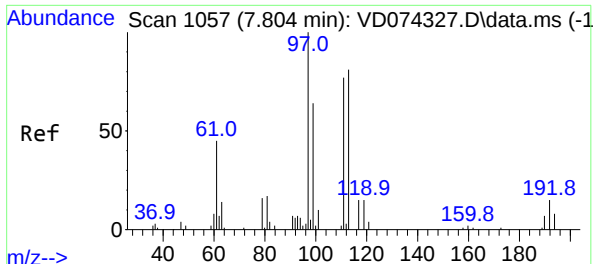
Tgt Ion: 65 Resp: 49455
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

Tgt Ion: 114 Resp: 158547
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.6
88 14.0 0.0 28.4

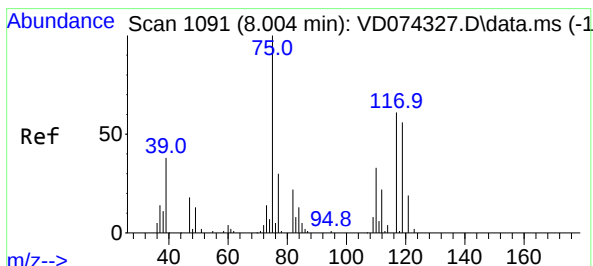
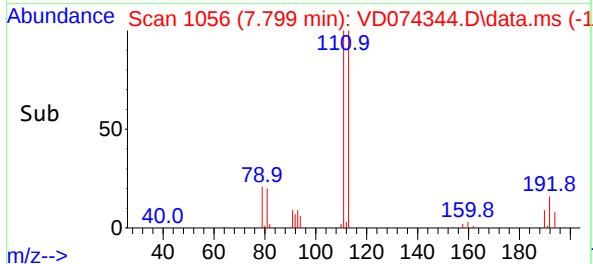
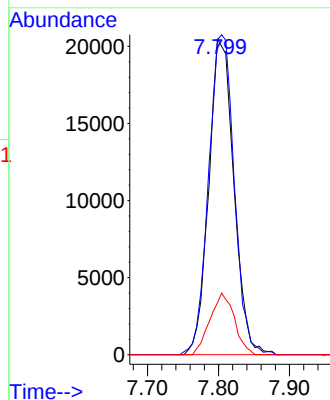
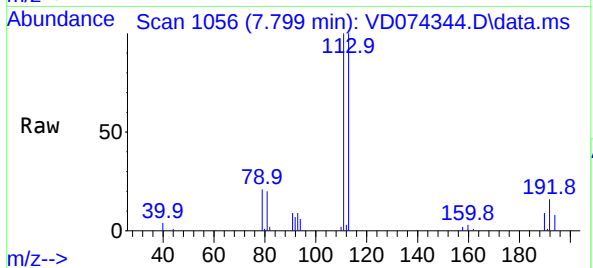




#35
Dibromofluoromethane
Concen: 48.133 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.005 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

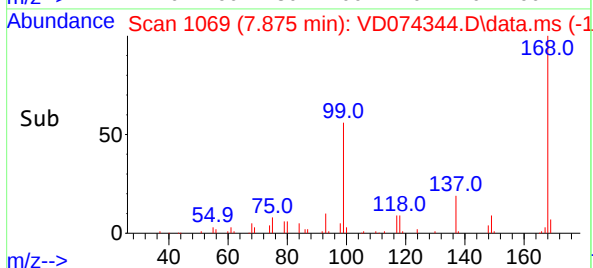
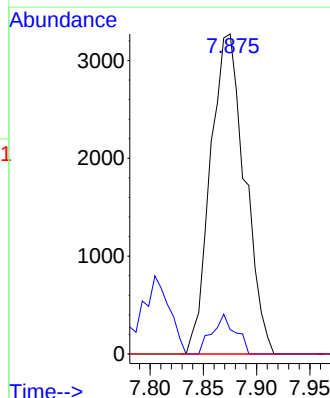
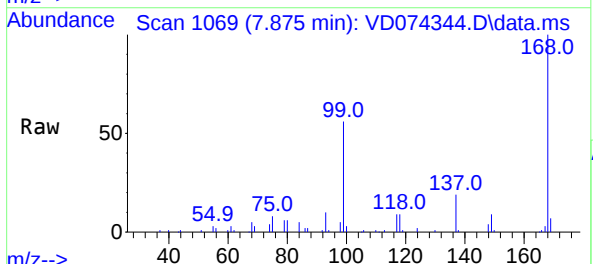
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

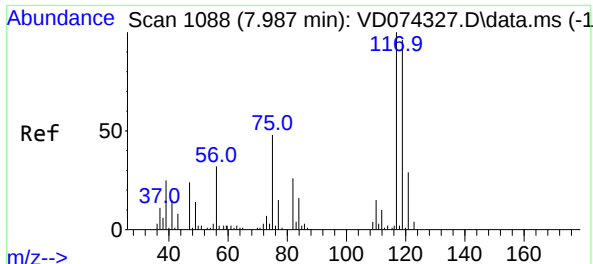
Tgt Ion:	113	Resp:	50261
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.0	124.6
192	19.0	16.2	24.2



#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

Tgt Ion:	75	Resp:	7347
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.5	52.5#
77	0.0	24.8	37.2#

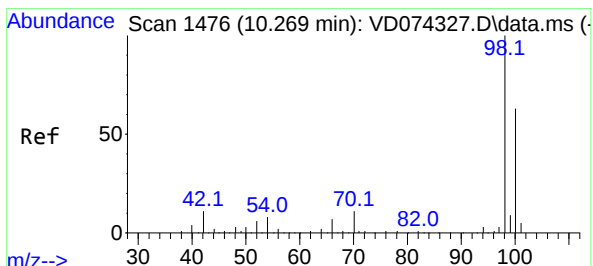
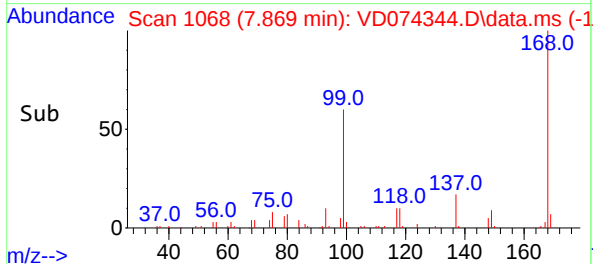
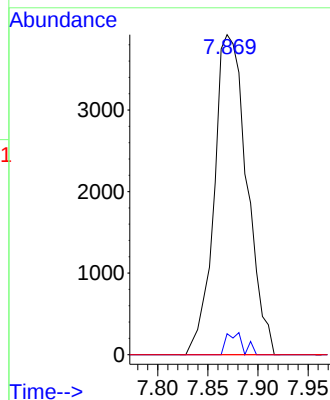
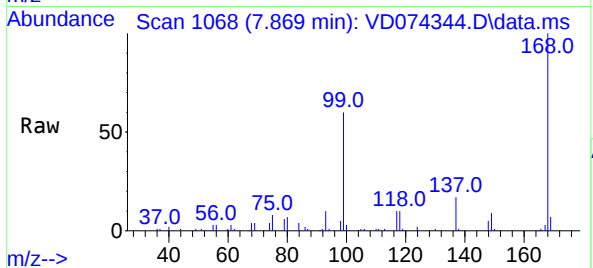




#38
Carbon Tetrachloride
Concen: 6.299 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

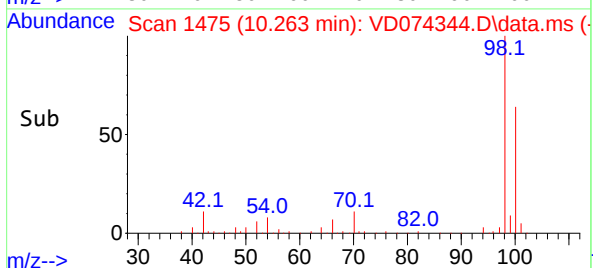
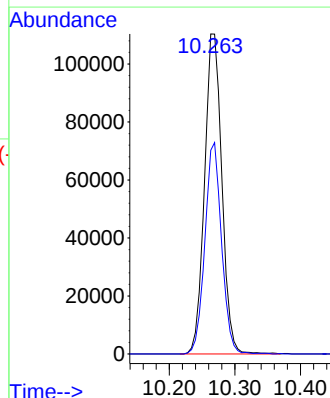
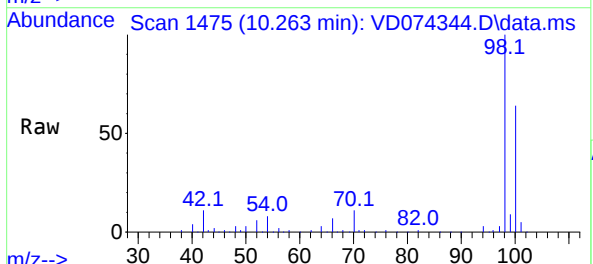
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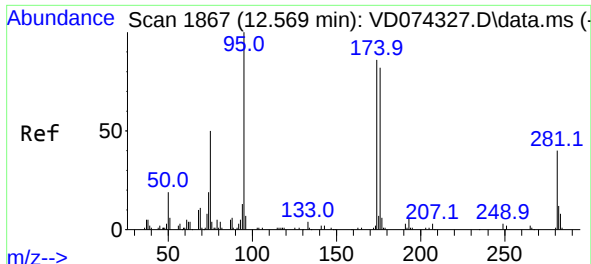
Tgt Ion:117 Resp: 8898
Ion Ratio Lower Upper
117 100
119 6.5 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 56.434 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

Tgt Ion: 98 Resp: 203333
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8

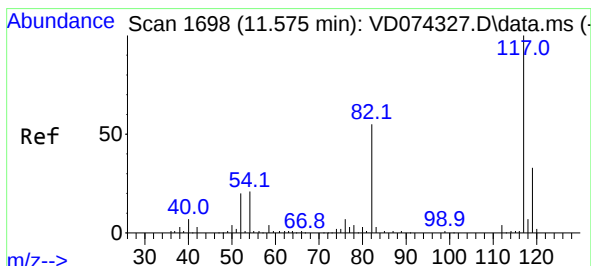
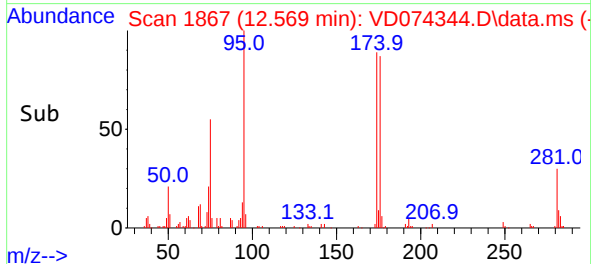
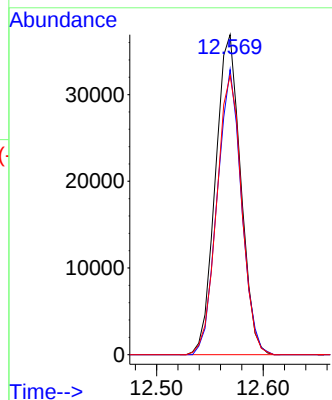
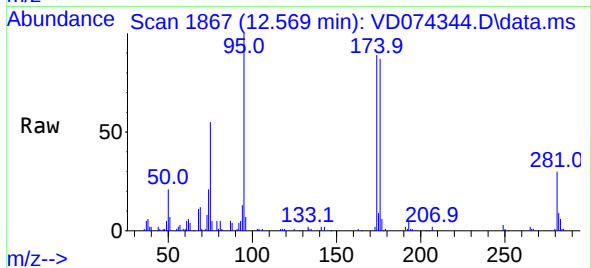




#62
4-Bromofluorobenzene
Concen: 49.660 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

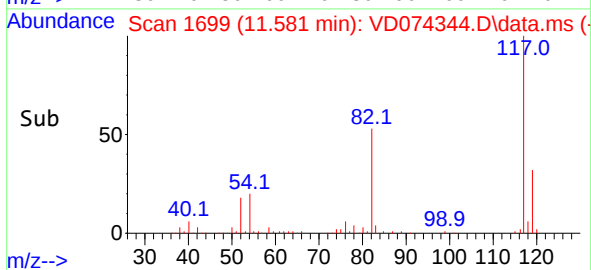
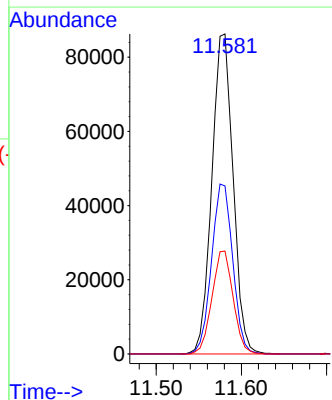
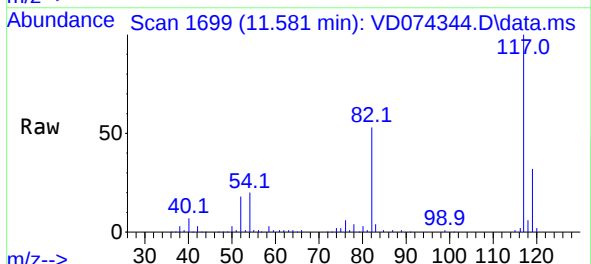
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

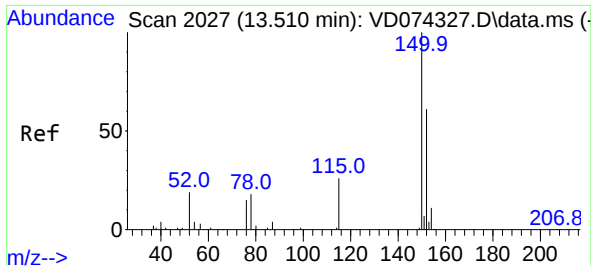
Tgt Ion: 95 Resp: 60685
Ion Ratio Lower Upper
95 100
174 85.5 0.0 179.2
176 86.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

Tgt Ion: 117 Resp: 149433
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.1 25.4 38.0

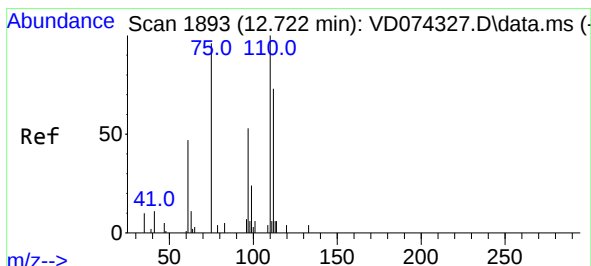
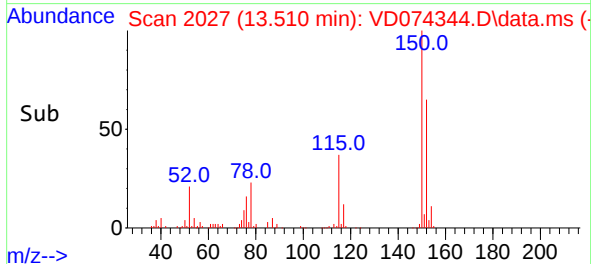
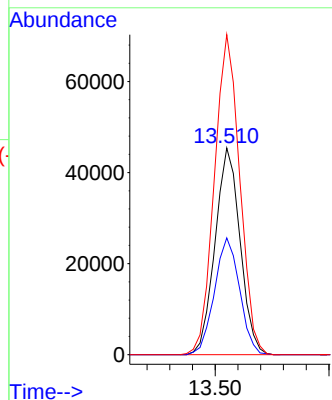
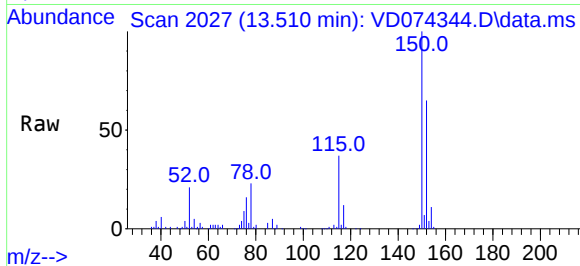




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

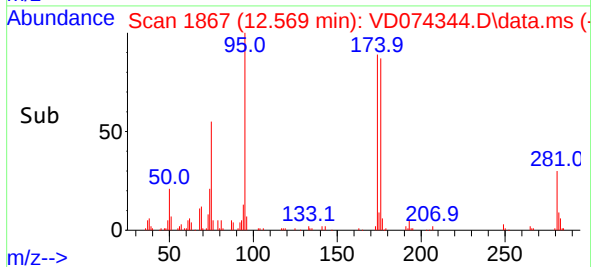
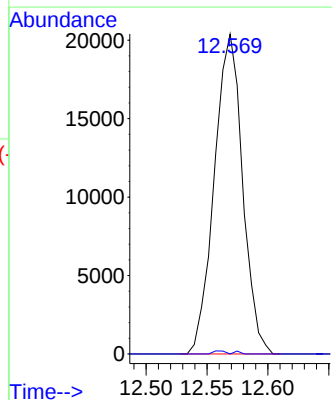
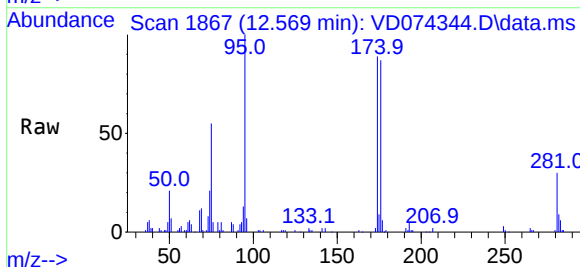
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

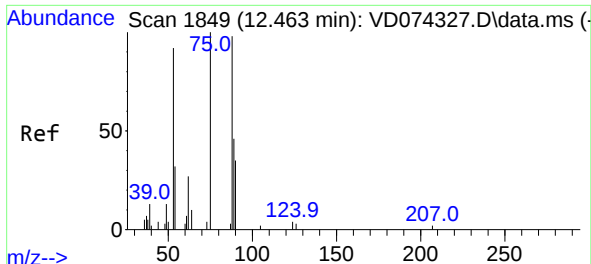
Tgt Ion:152 Resp: 69490
Ion Ratio Lower Upper
152 100
115 56.8 28.4 85.2
150 156.7 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 51.276 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

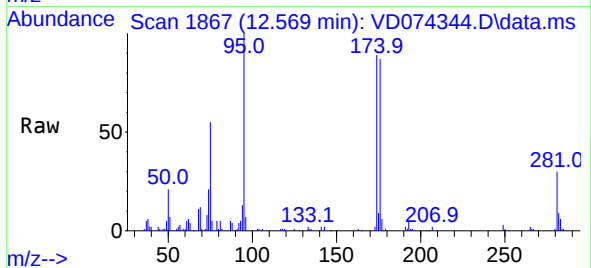
Tgt Ion: 75 Resp: 32967
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.509 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.106 min
 Lab File: VD074344.D
 Acq: 19 Sep 2022 12:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0919SBL01



Tgt Ion:	75	Resp:	32967
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

