

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
 Data File : VD074609.D
 Acq On : 21 Oct 2022 12:14
 Operator : VA/SY
 Sample : VD1021SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1021SBL01

Quant Time: Oct 21 23:09:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

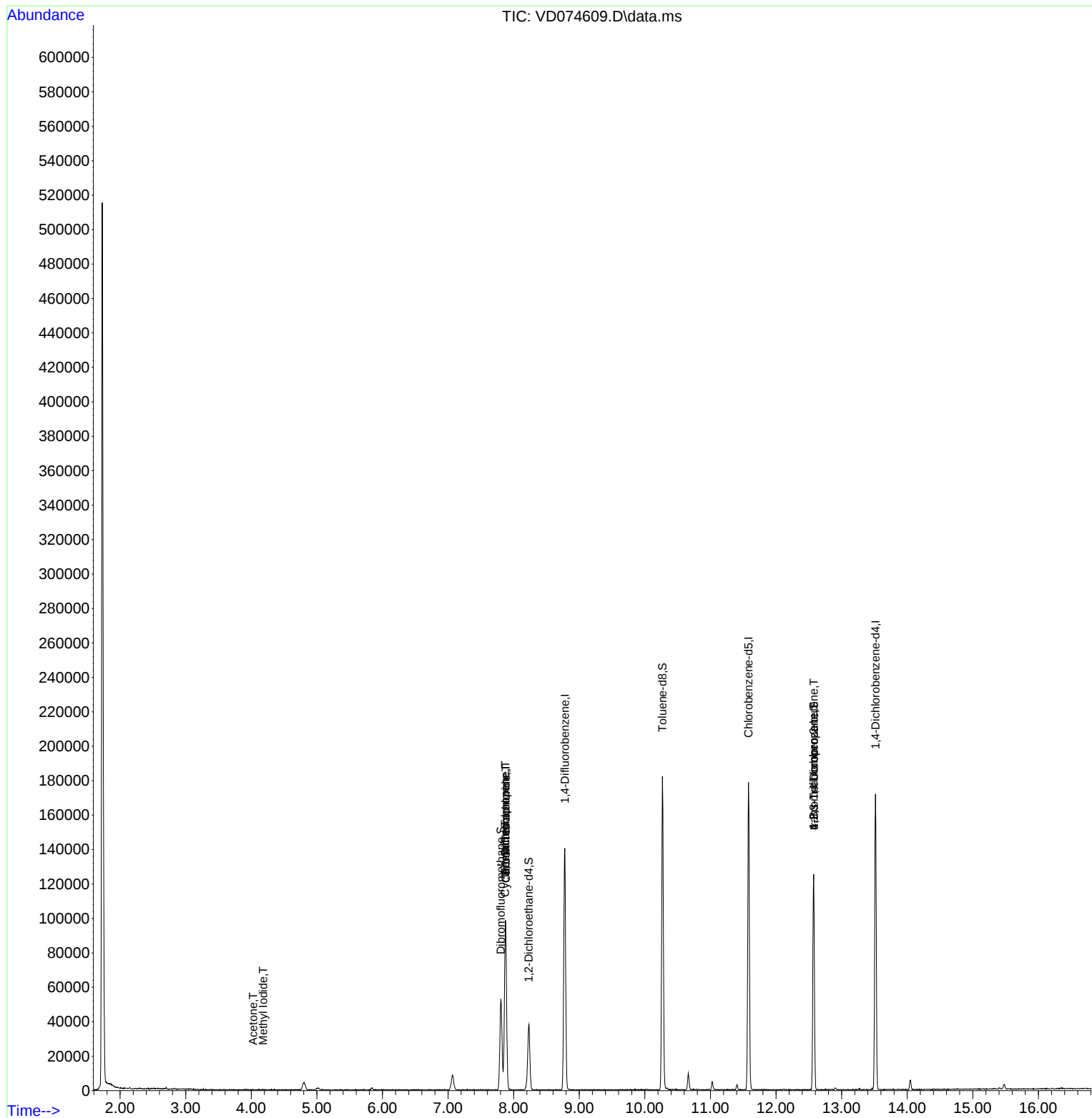
Internal Standards						
1) Pentafluorobenzene	7.875	168	82446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	137631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	112511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	51121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29408	46.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.440%
35) Dibromofluoromethane	7.804	113	37870	49.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.269	98	132046	47.935	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.575	95	34505	43.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.560%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.181	142	198	4.099	ug/l #	43
11) Tert butyl alcohol	5.022	59	870	Below Cal	#	84
16) Acetone	4.028	43	210	1.528	ug/l #	37
20) Methylene Chloride	4.799	84	3815	Below Cal		91
31) Cyclohexane	7.869	56	1509	1.193	ug/l #	35
36) 1,1-Dichloropropene	7.875	75	5382	4.353	ug/l #	46
38) Carbon Tetrachloride	7.881	117	7530	6.220	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	17661	39.566	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	17661	101.110	ug/l #	17

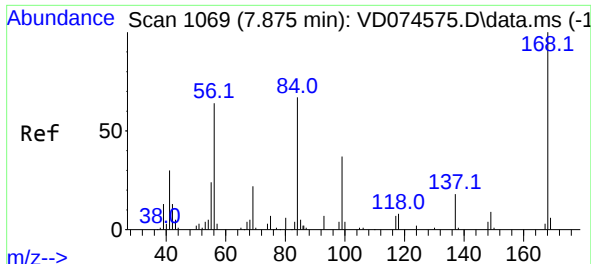
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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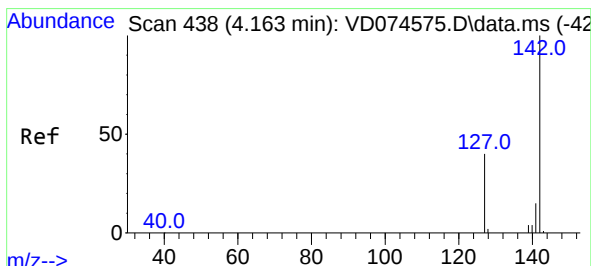
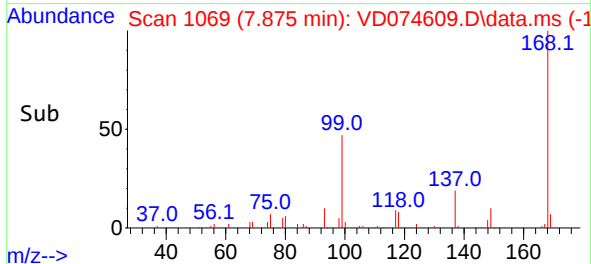
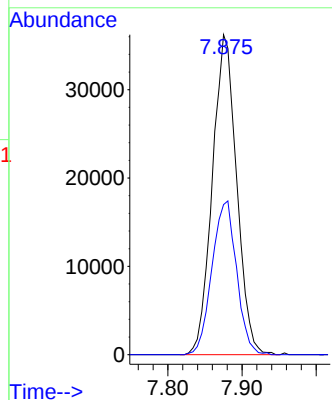
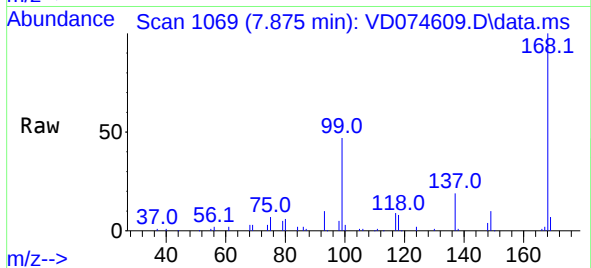




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

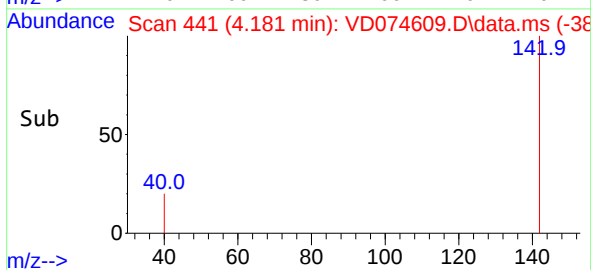
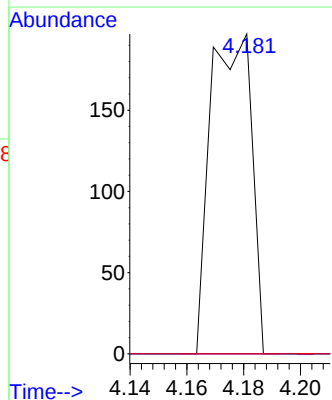
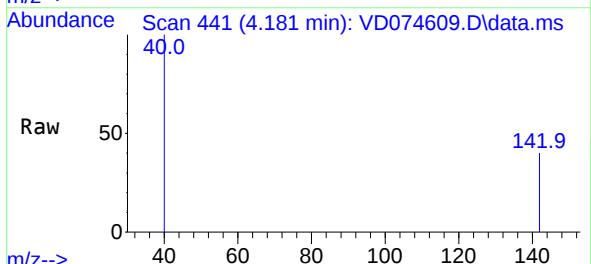
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBL01

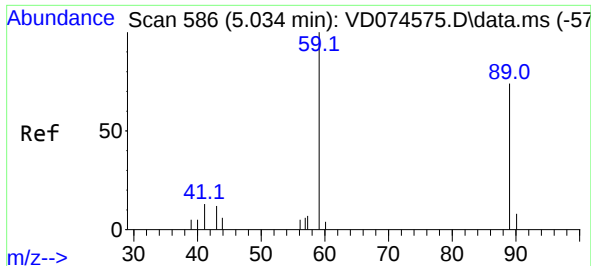
Tgt Ion:168 Resp: 82446
Ion Ratio Lower Upper
168 100
99 46.9 40.9 61.3



#10
Methyl Iodide
Concen: 4.099 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.023 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Tgt Ion:142 Resp: 198
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

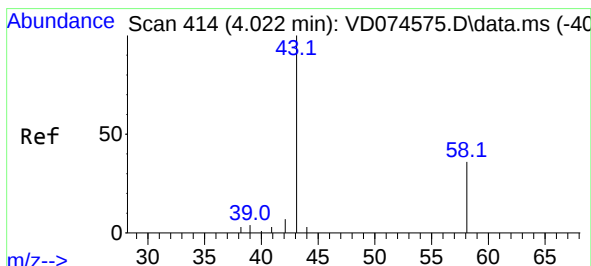
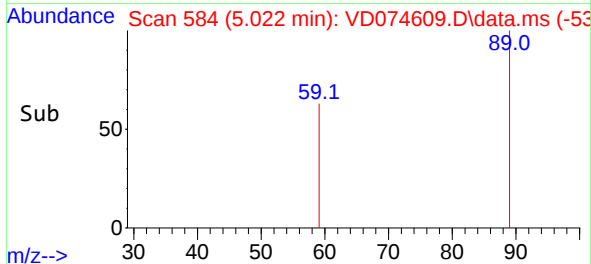
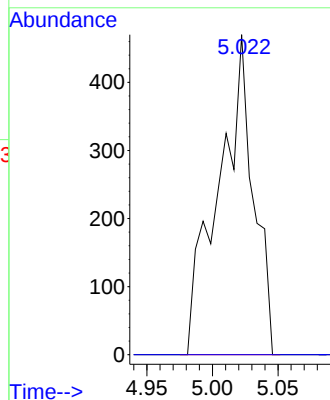
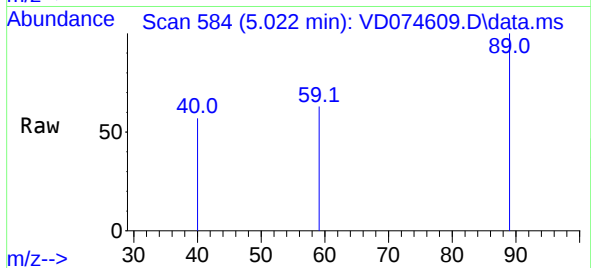




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

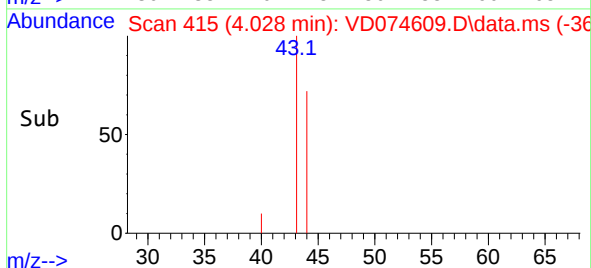
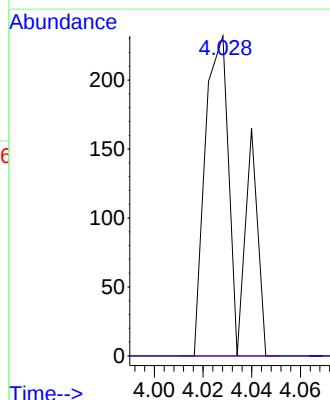
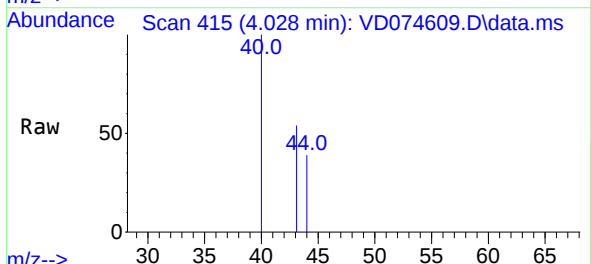
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBL01

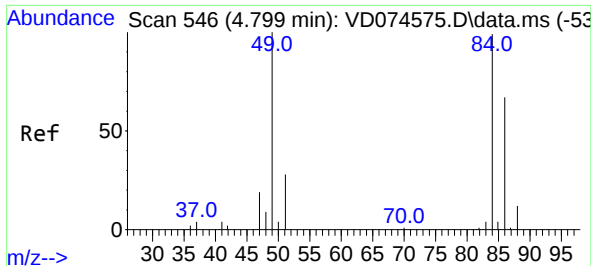
Tgt Ion: 59 Resp: 870
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.528 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



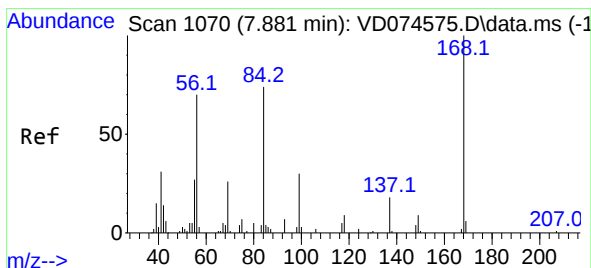
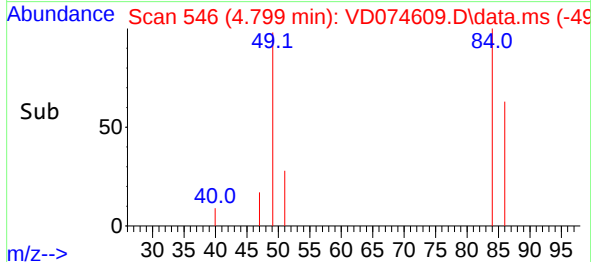
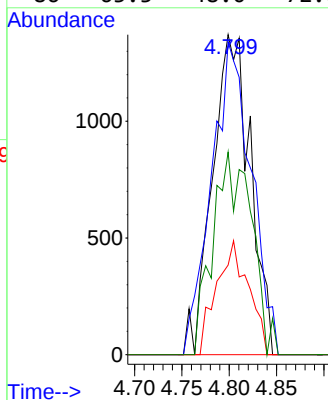
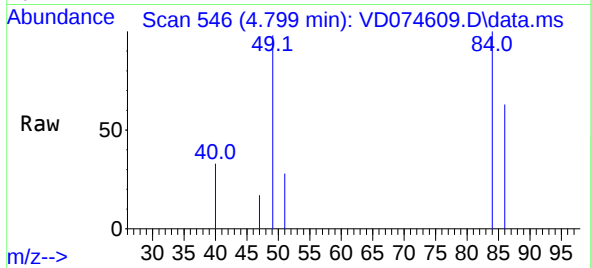


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBL01

Tgt Ion: 84 Resp: 3815

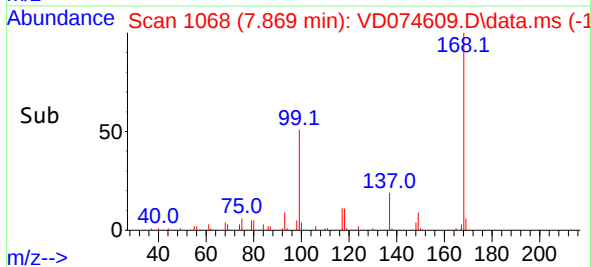
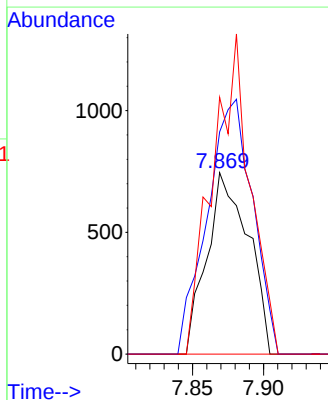
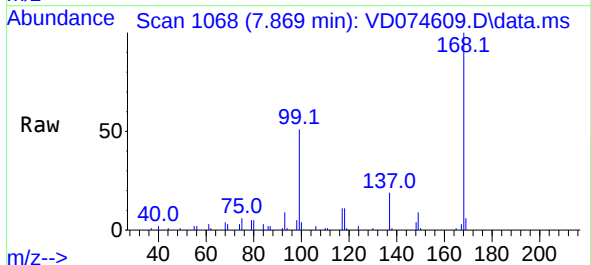
Ion	Ratio	Lower	Upper
84	100		
49	97.8	68.0	102.0
51	28.0	23.2	34.8
86	63.3	48.0	72.0

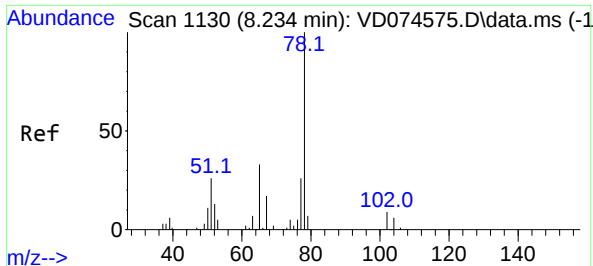


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Tgt Ion: 56 Resp: 1509

Ion	Ratio	Lower	Upper
56	100		
69	122.6	29.2	43.8#
84	141.6	83.4	125.2#





#33

1,2-Dichloroethane-d4

Concen: 46.719 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074609.D

Acq: 21 Oct 2022 12:14

Instrument :

MSVOA_D

ClientSampleId :

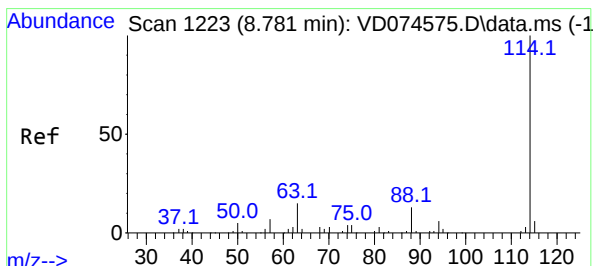
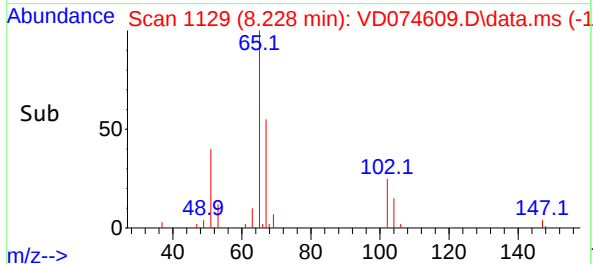
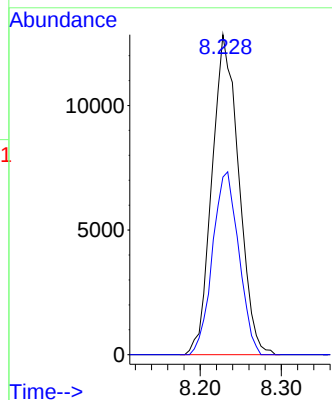
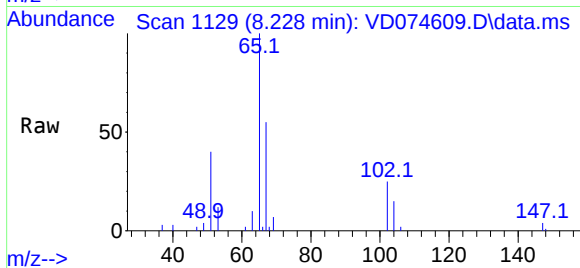
VD1021SBL01

Tgt Ion: 65 Resp: 29408

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074609.D

Acq: 21 Oct 2022 12:14

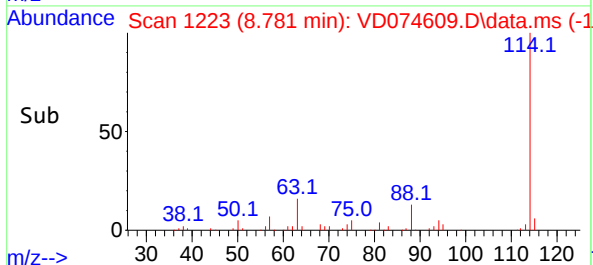
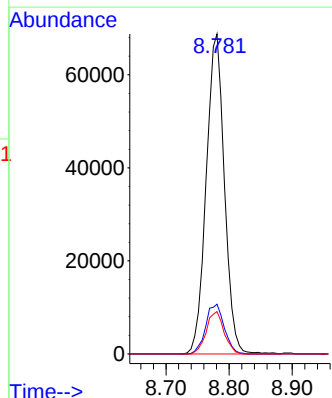
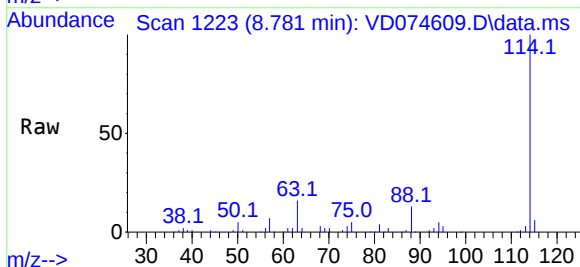
Tgt Ion: 114 Resp: 137631

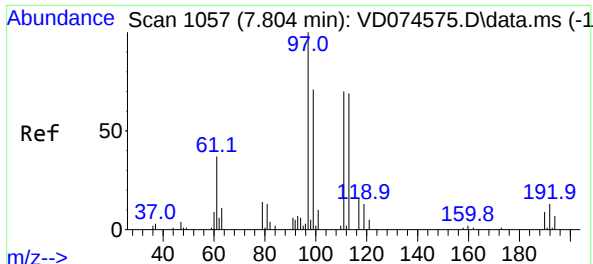
Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 13.3 0.0 28.2



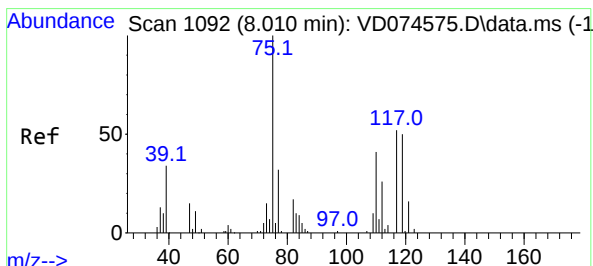
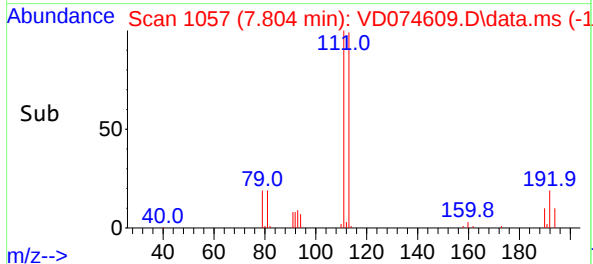
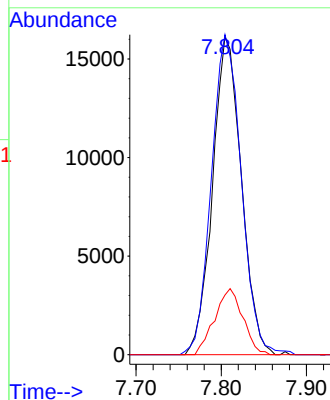
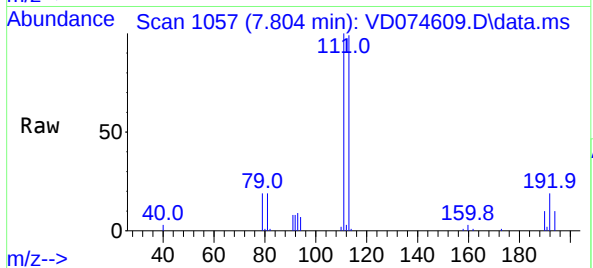


#35
Dibromofluoromethane
Concen: 49.656 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBL01

Tgt Ion: 113 Resp: 37870

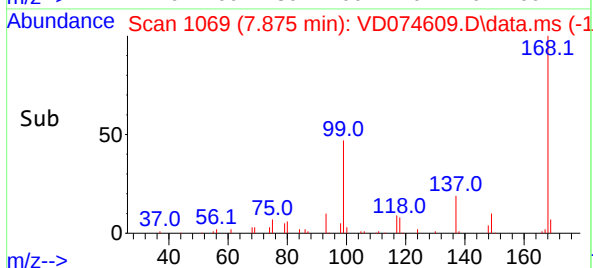
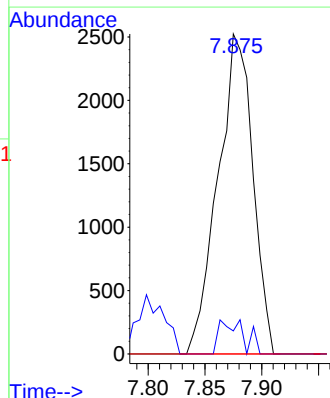
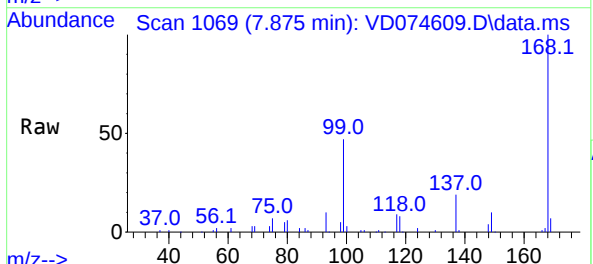
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.3	123.5
192	20.4	16.4	24.6

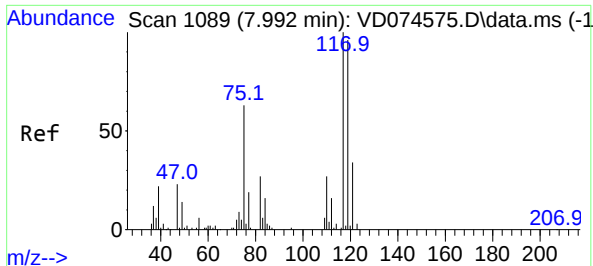


#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Tgt Ion: 75 Resp: 5382

Ion	Ratio	Lower	Upper
75	100		
110	7.6	19.7	59.0#
77	0.0	25.4	38.2#

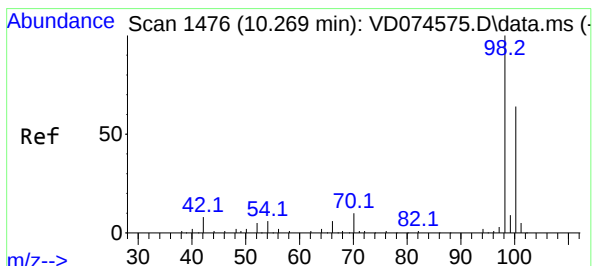
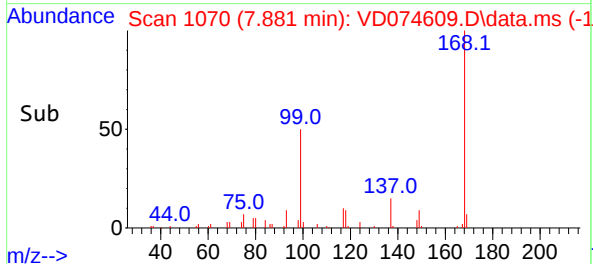
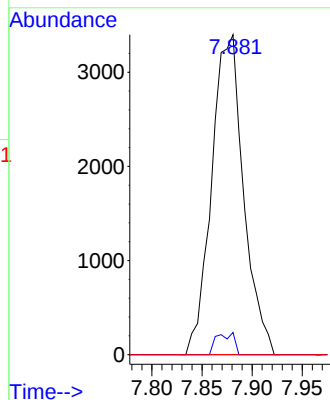
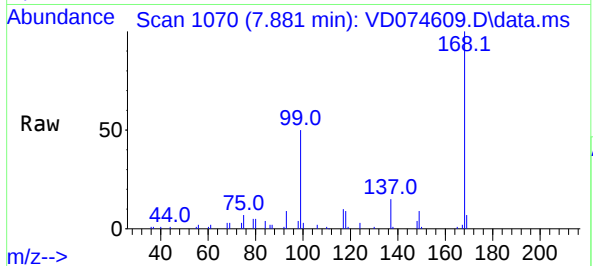




#38
Carbon Tetrachloride
Concen: 6.220 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.106 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

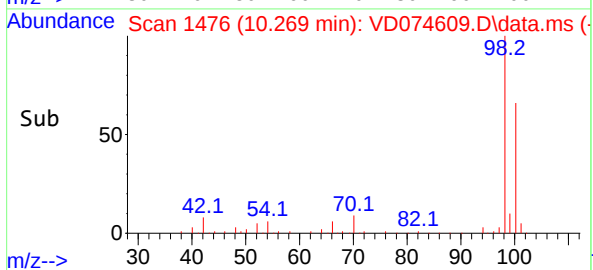
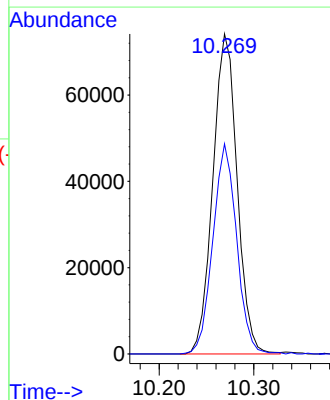
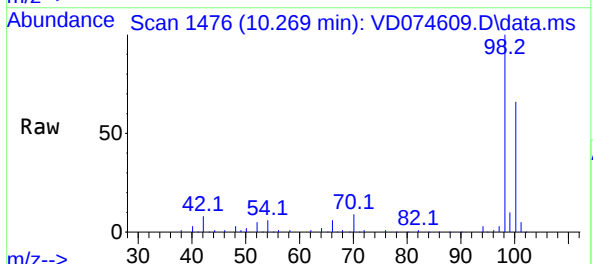
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ClientSampleId :
VD1021SBL01

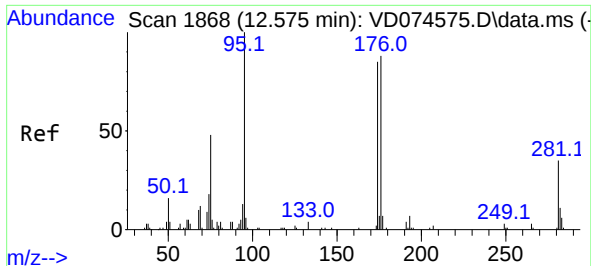
Tgt Ion:117 Resp: 7530
Ion Ratio Lower Upper
117 100
119 6.9 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 47.935 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Tgt Ion: 98 Resp: 132046
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0

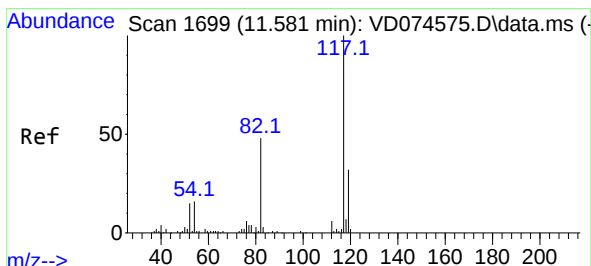
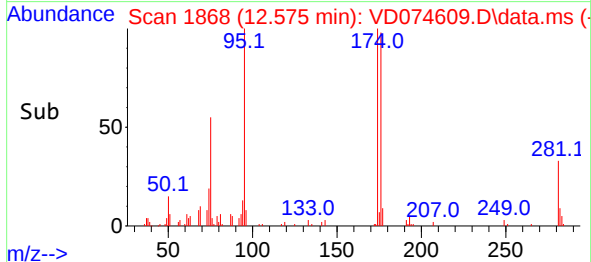
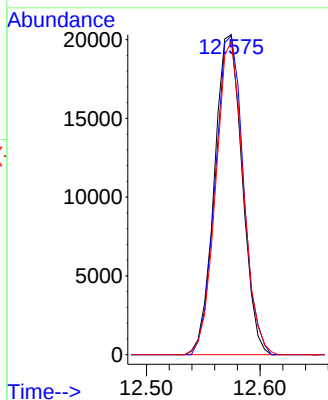
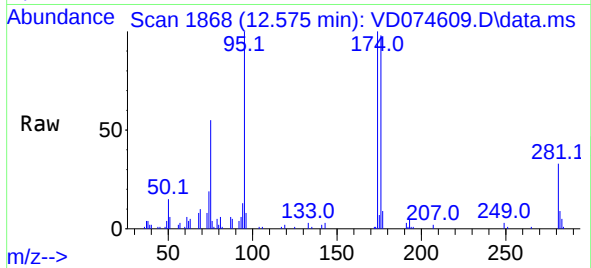




#62
4-Bromofluorobenzene
Concen: 43.280 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

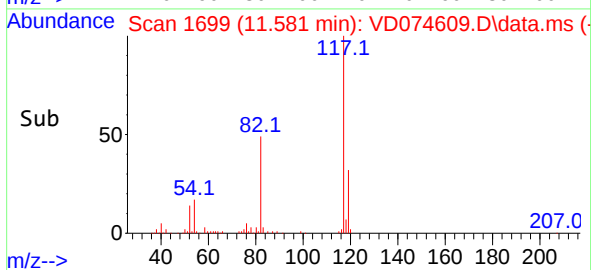
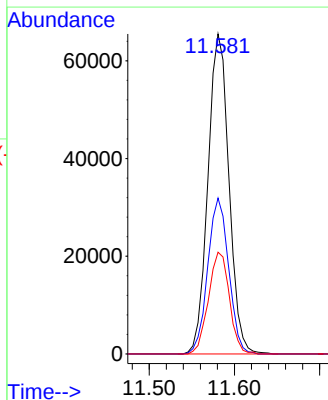
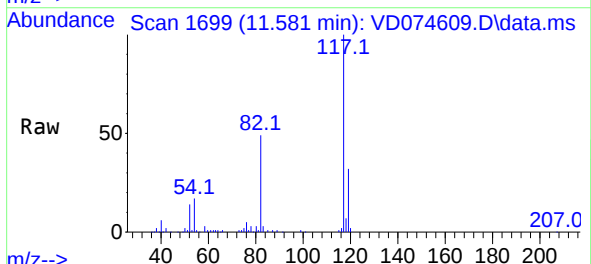
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBL01

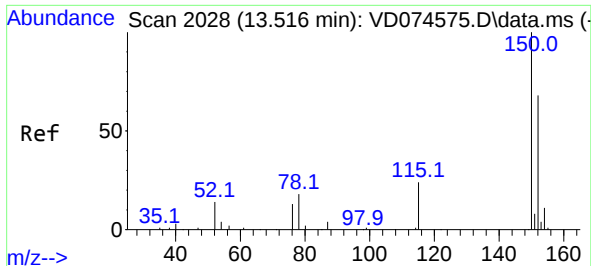
Tgt Ion:	95	Resp:	34505
Ion	Ratio	Lower	Upper
95	100		
174	100.5	0.0	197.0
176	96.8	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Tgt Ion:	117	Resp:	112511
Ion	Ratio	Lower	Upper
117	100		
82	48.7	41.6	62.4
119	31.8	25.2	37.8

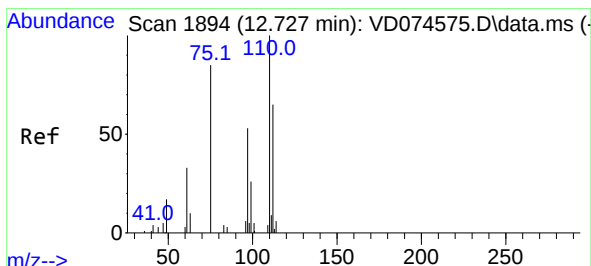
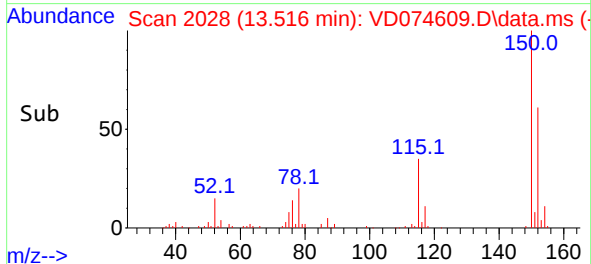
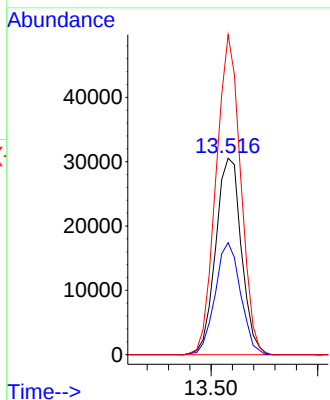
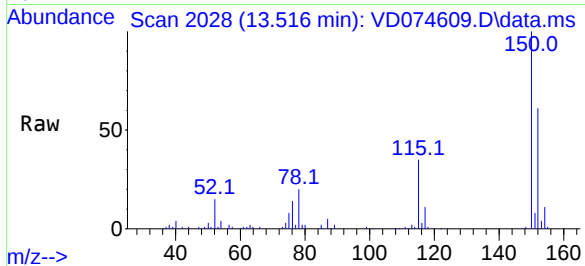




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

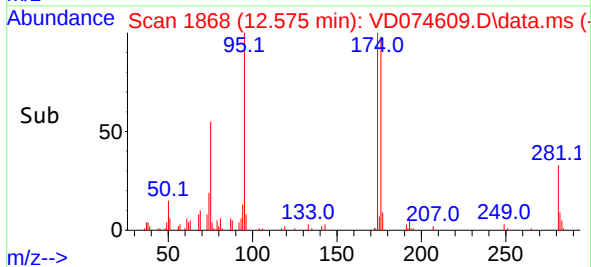
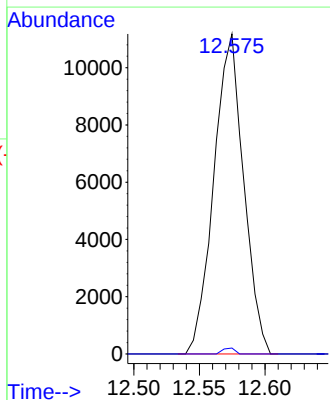
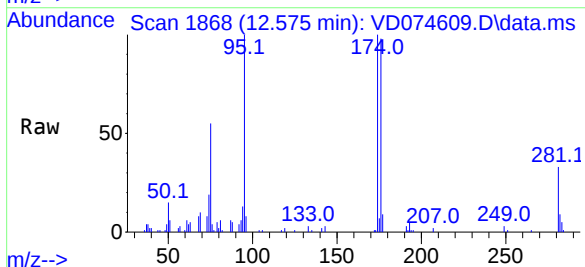
Instrument :
MSVOA_D
ClientSampleId :
VD1021SBL01

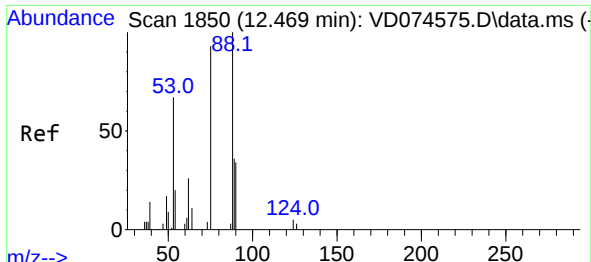
Tgt Ion:152 Resp: 51121
Ion Ratio Lower Upper
152 100
115 56.4 26.8 80.4
150 155.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 39.566 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Tgt Ion: 75 Resp: 17661
Ion Ratio Lower Upper
75 100
77 0.8 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.110 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD074609.D
Acq: 21 Oct 2022 12:14

Instrument :
MSVOA_D
ClientSampleId :
VD1021SBL01

Tgt Ion: 75 Resp: 17661
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

