

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074600.D
 Acq On : 20 Oct 2022 16:23
 Operator : VA/SY
 Sample : N5209-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-101922

Quant Time: Oct 21 03:08:36 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	86475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	150227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	127667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	55837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46185	69.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.900%
35) Dibromofluoromethane	7.804	113	55062	66.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.040%
50) Toluene-d8	10.269	98	173450	57.685	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.380%
62) 4-Bromofluorobenzene	12.569	95	48566	56.392	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.780%

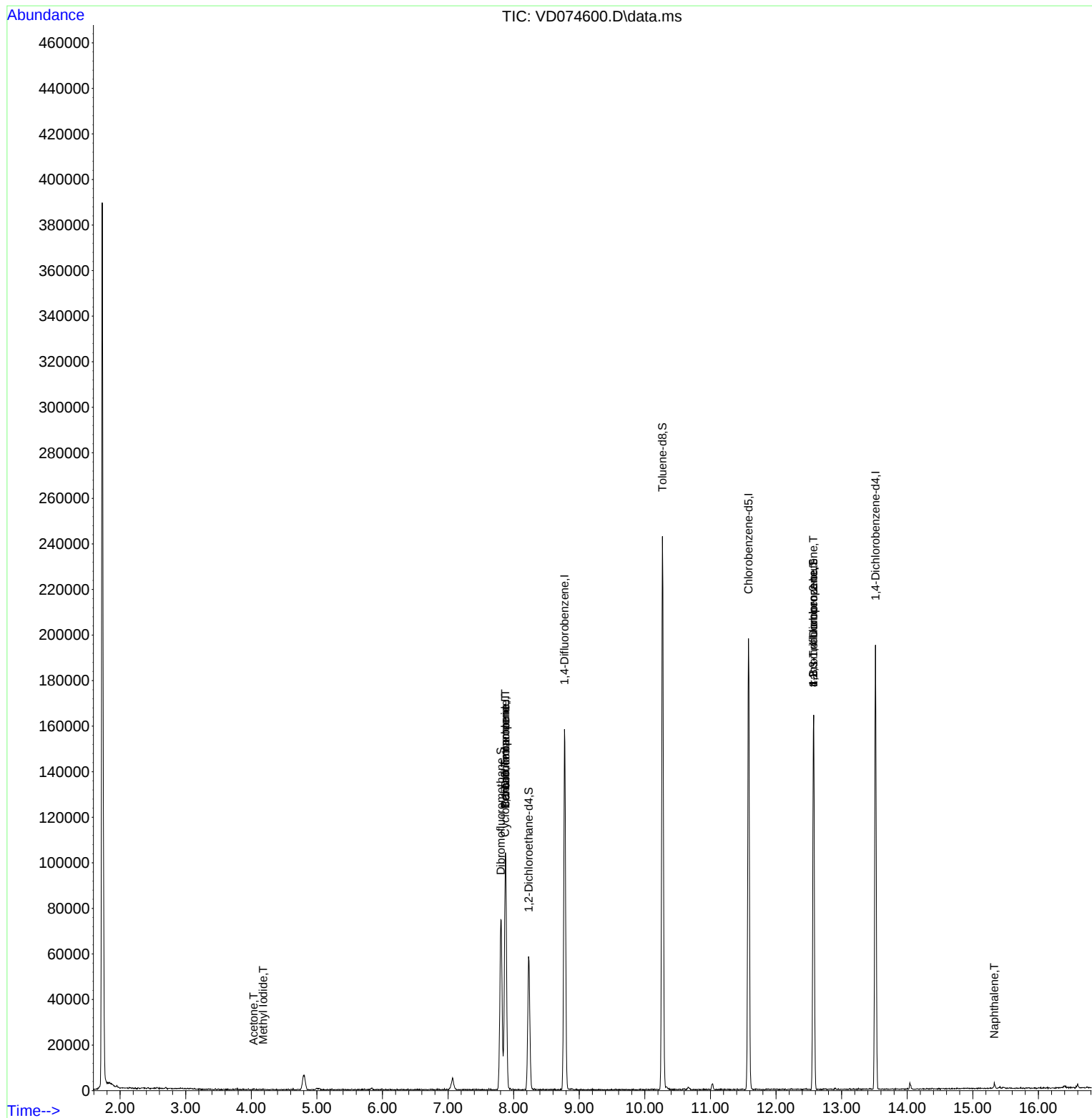
Target Compounds					Qvalue	
10) Methyl Iodide	4.181	142	175	4.074	ug/l	# 43
11) Tert butyl alcohol	5.046	59	134	Below Cal		# 84
16) Acetone	4.034	43	247	1.713	ug/l	# 37
20) Methylene Chloride	4.810	84	6061	Below Cal		# 92
31) Cyclohexane	7.869	56	1427	1.076	ug/l	# 48
36) 1,1-Dichloropropene	7.875	75	5768	4.274	ug/l	# 43
38) Carbon Tetrachloride	7.875	117	8155	6.171	ug/l	# 17
76) 1,2,3-Trichloropropane	12.569	75	25801	52.919	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.569	75	25801	135.236	ug/l	# 17
95) Naphthalene	15.328	128	2430	1.149	ug/l	# 89

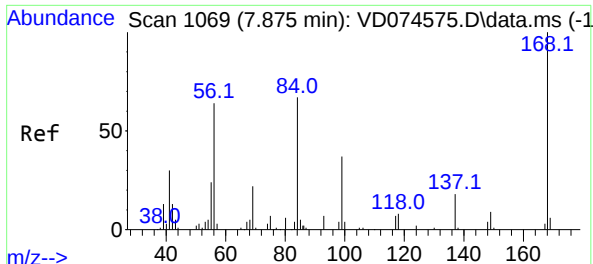
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-02-101922

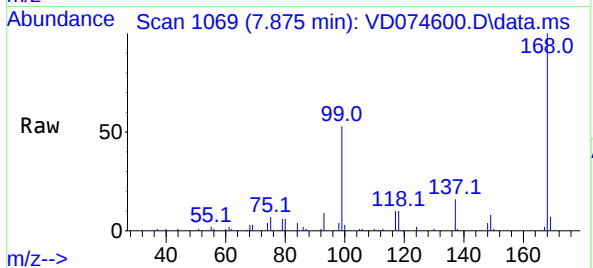
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration



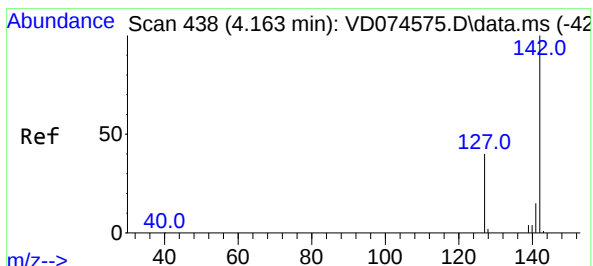
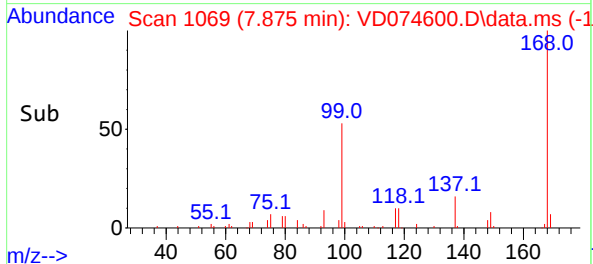
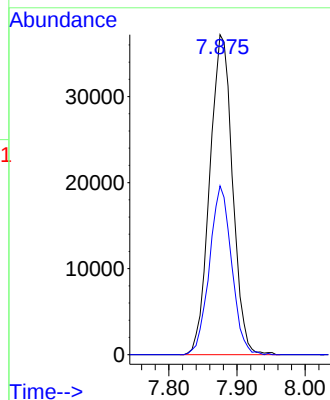


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

Instrument :
MSVOA_D
ClientSampleId :
CL-02-101922

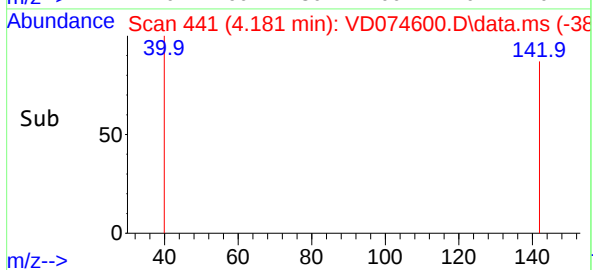
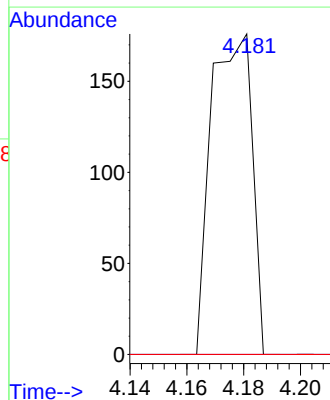
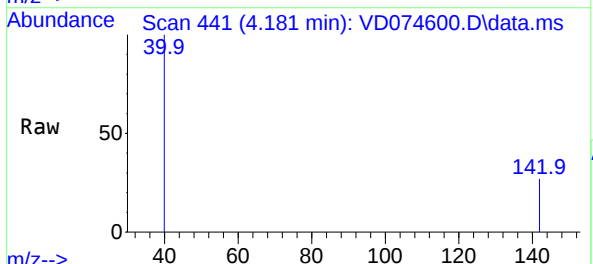


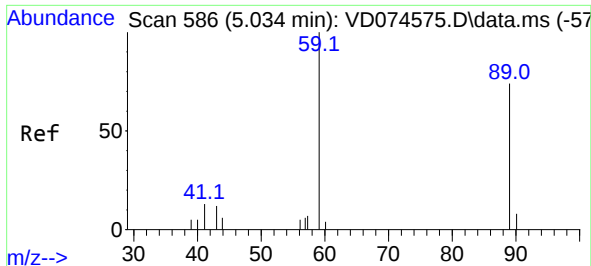
Tgt Ion:168 Resp: 86475
Ion Ratio Lower Upper
168 100
99 52.7 40.9 61.3



#10
Methyl Iodide
Concen: 4.074 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.023 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

Tgt Ion:142 Resp: 175
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

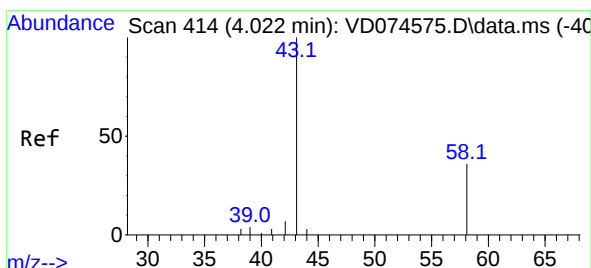
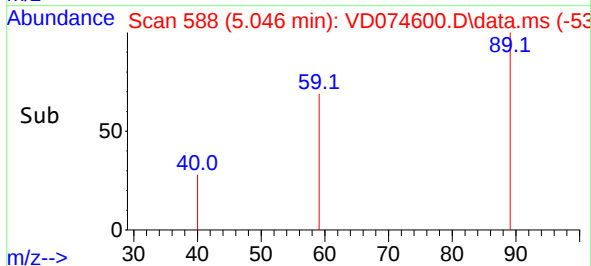
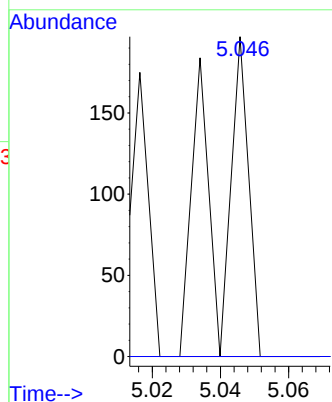
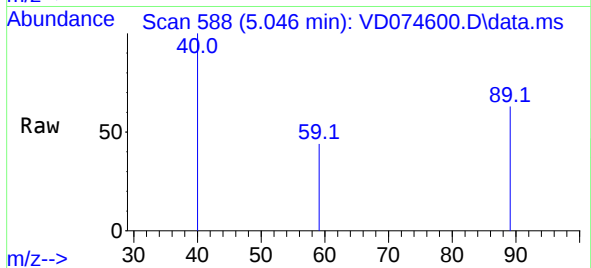




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

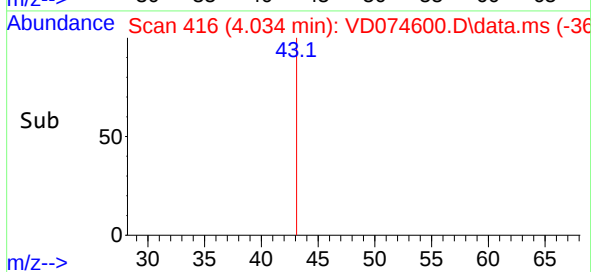
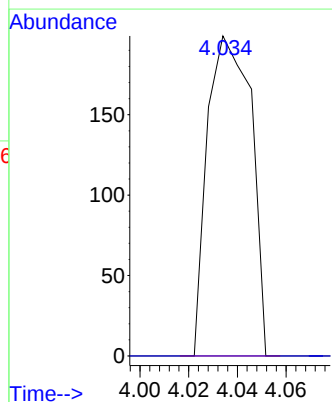
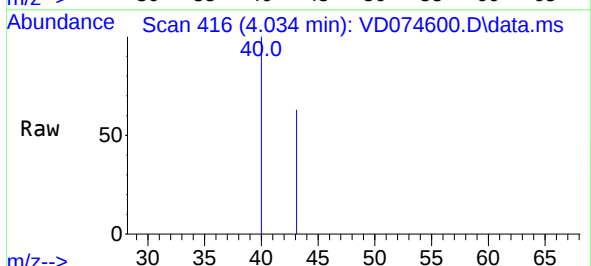
Instrument :
MSVOA_D
ClientSampleId :
CL-02-101922

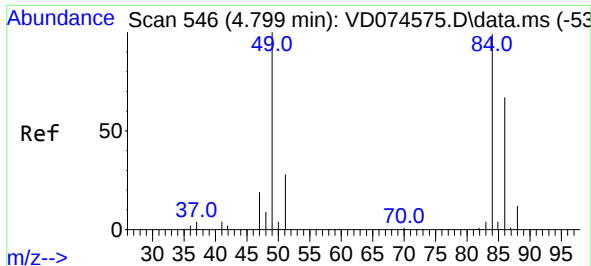
Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.713 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



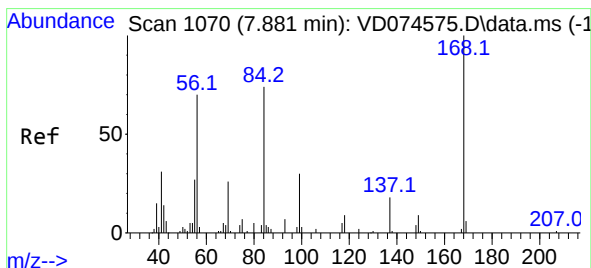
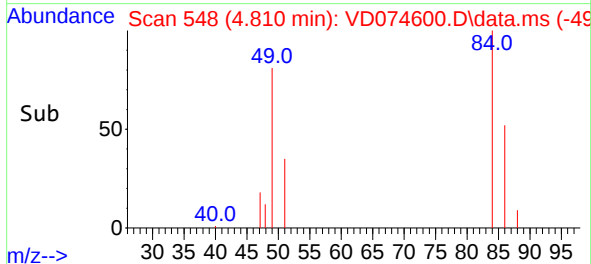
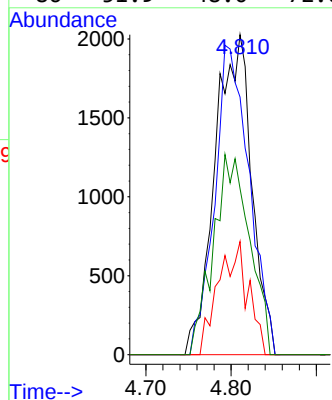
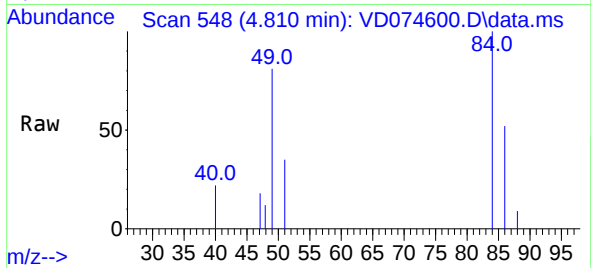


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.011 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

Instrument :
MSVOA_D
ClientSampleId :
CL-02-101922

Tgt Ion: 84 Resp: 6061

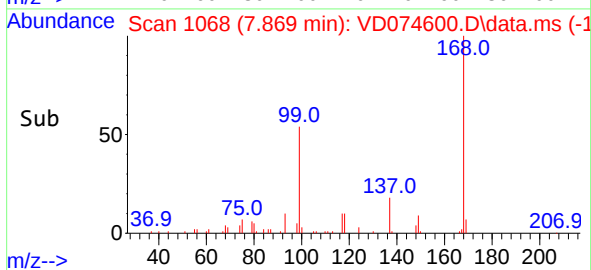
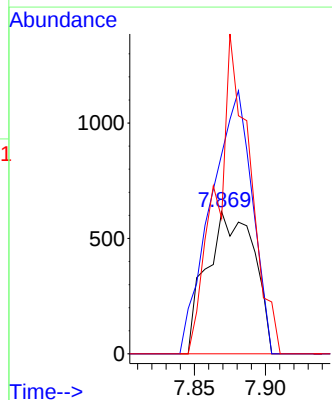
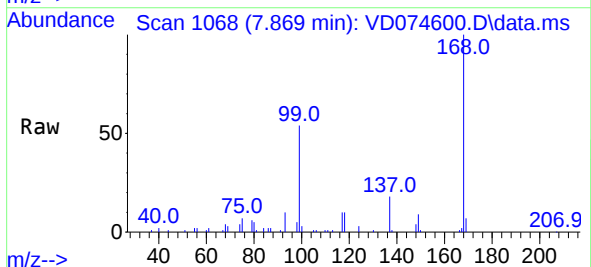
Ion	Ratio	Lower	Upper
84	100		
49	80.5	68.0	102.0
51	35.3	23.2	34.8#
86	51.9	48.0	72.0

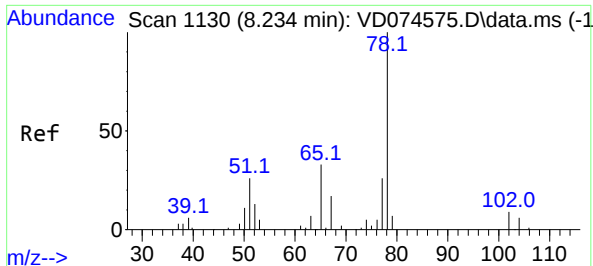


#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

Tgt Ion: 56 Resp: 1427

Ion	Ratio	Lower	Upper
56	100		
69	140.4	29.2	43.8#
84	95.3	83.4	125.2





#33

1,2-Dichloroethane-d4

Concen: 69.954 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074600.D

Acq: 20 Oct 2022 16:23

Instrument :

MSVOA_D

ClientSampleId :

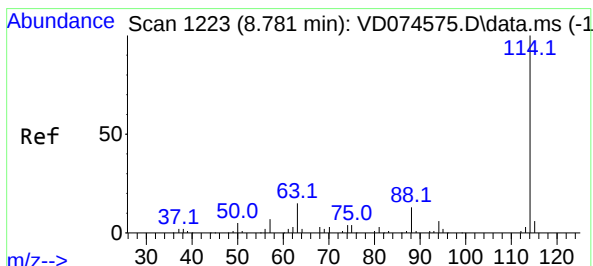
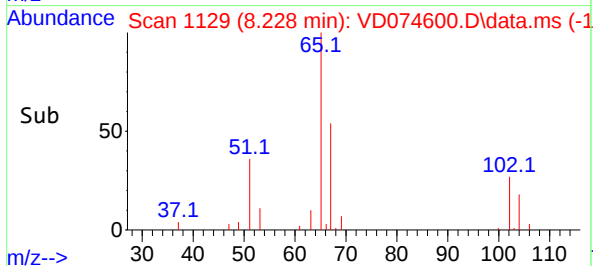
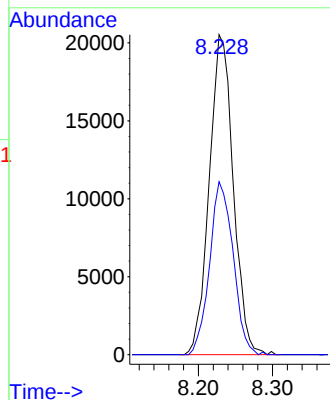
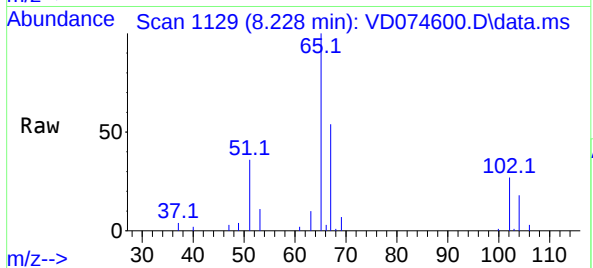
CL-02-101922

Tgt Ion: 65 Resp: 46185

Ion Ratio Lower Upper

65 100

67 53.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074600.D

Acq: 20 Oct 2022 16:23

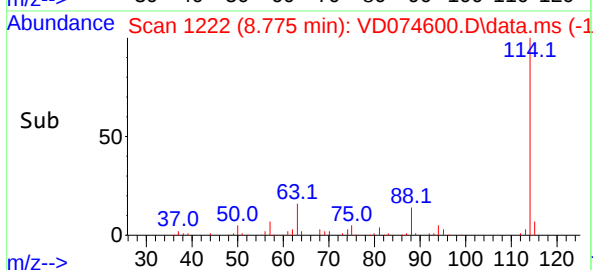
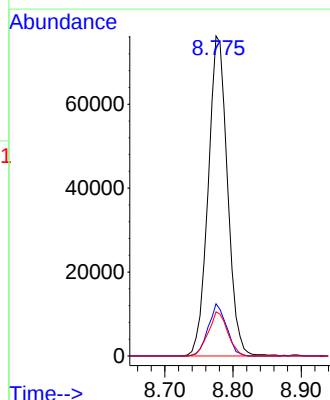
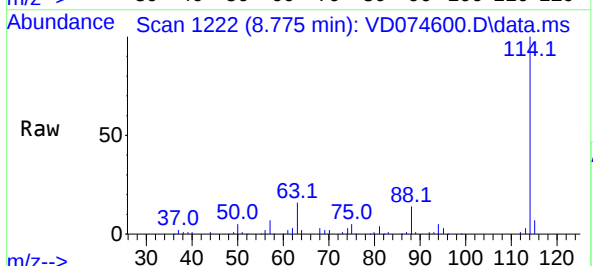
Tgt Ion: 114 Resp: 150227

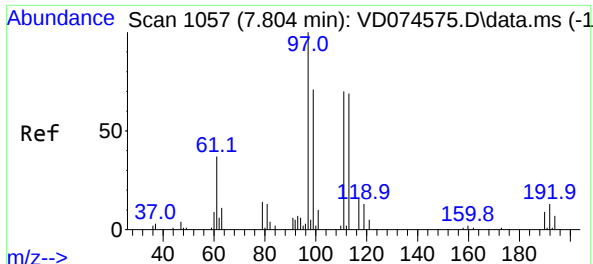
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 66.519 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074600.D

Acq: 20 Oct 2022 16:23

Instrument :

MSVOA_D

ClientSampleId :

CL-02-101922

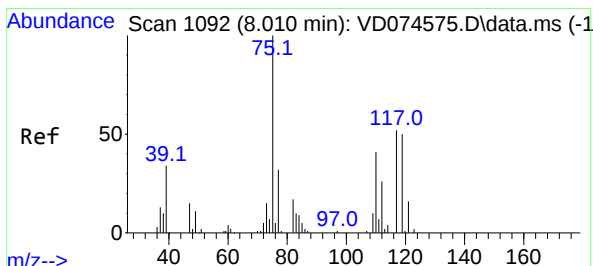
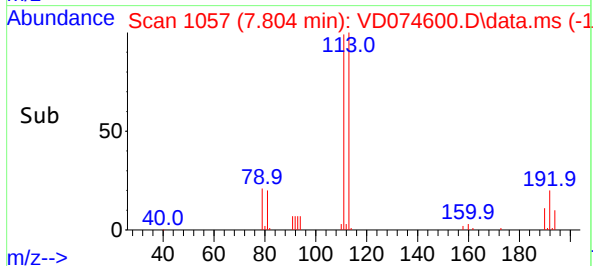
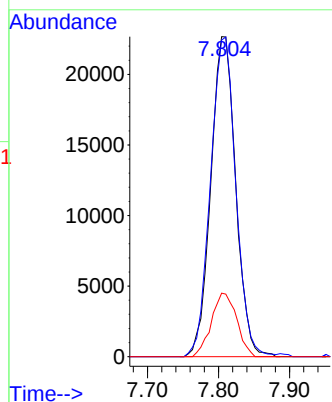
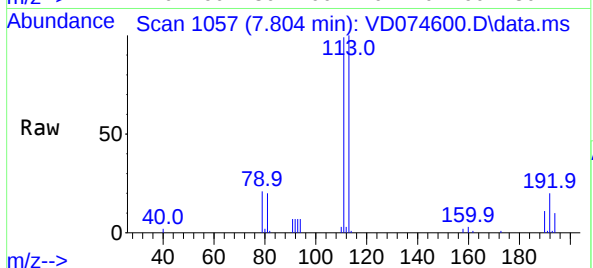
Tgt Ion:113 Resp: 55062

Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

192 20.2 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.274 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074600.D

Acq: 20 Oct 2022 16:23

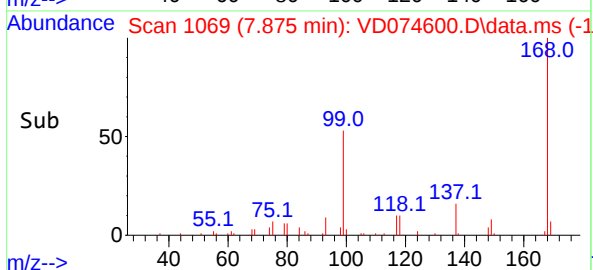
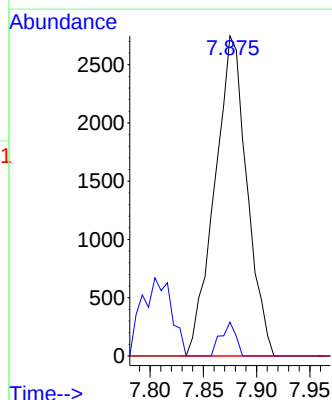
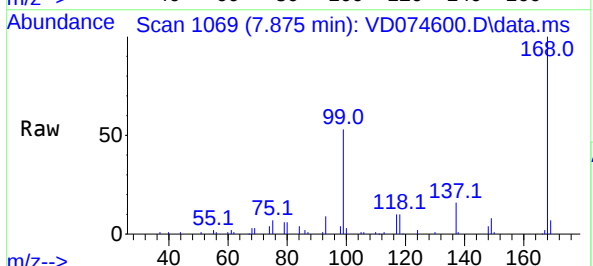
Tgt Ion: 75 Resp: 5768

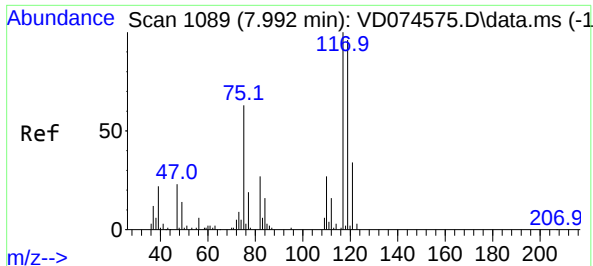
Ion Ratio Lower Upper

75 100

110 4.9 19.7 59.0#

77 0.0 25.4 38.2#

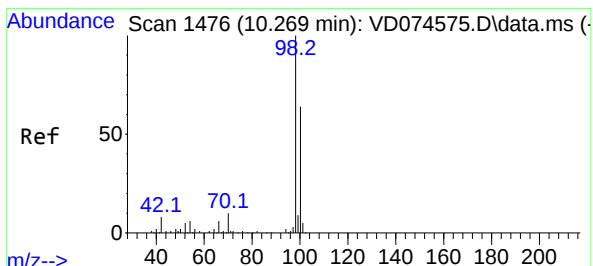
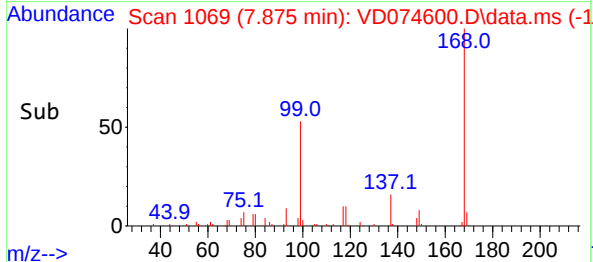
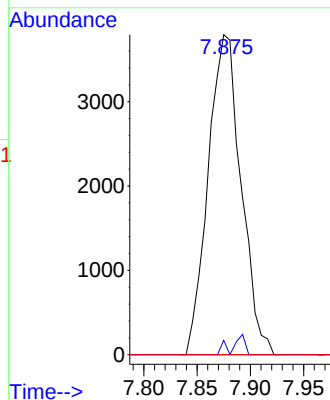
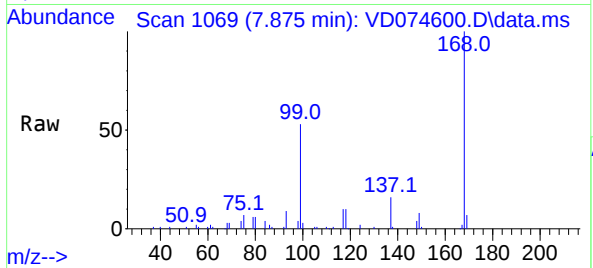




#38
Carbon Tetrachloride
Concen: 6.171 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

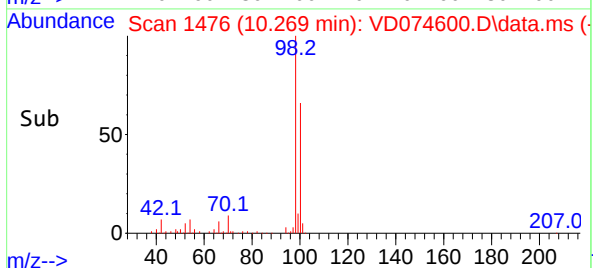
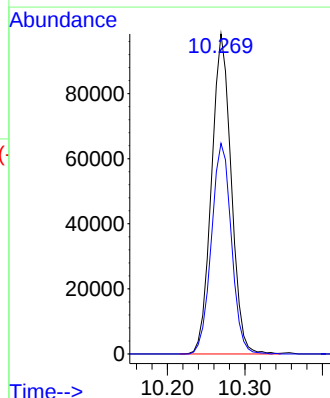
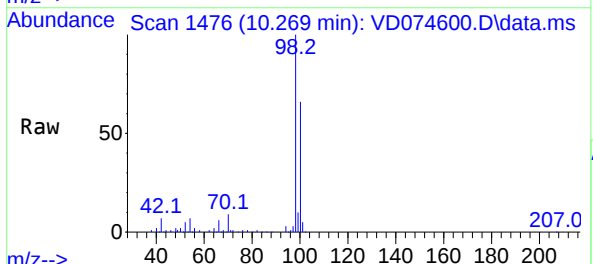
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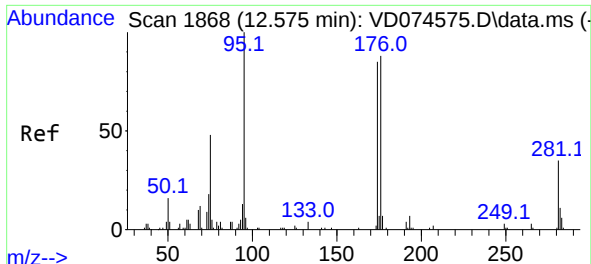
Tgt Ion:117 Resp: 8155
Ion Ratio Lower Upper
117 100
119 4.5 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 57.685 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

Tgt Ion: 98 Resp: 173450
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0

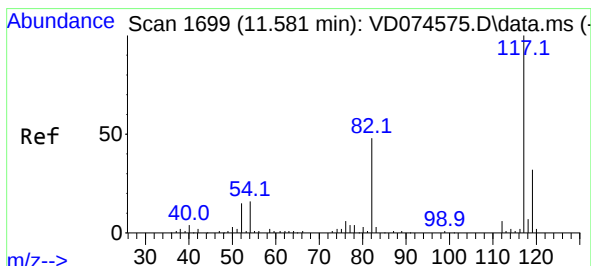
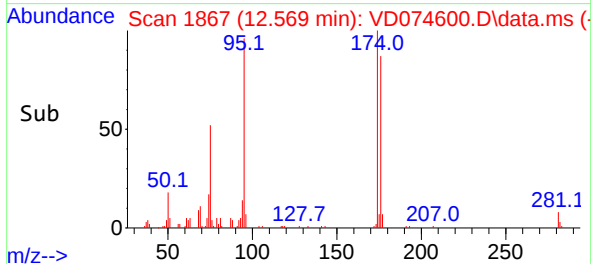
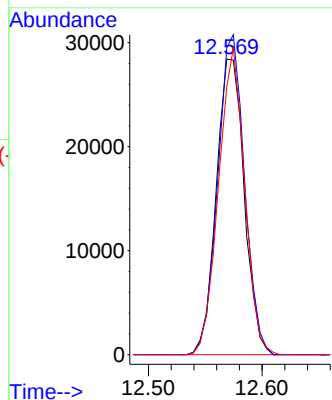
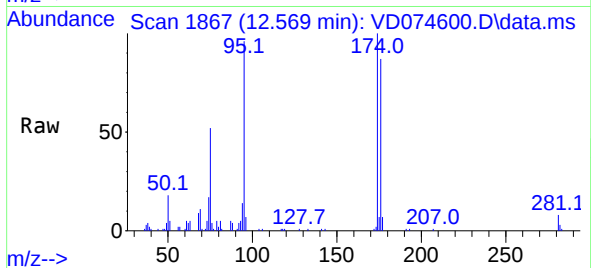




#62
4-Bromofluorobenzene
Concen: 56.392 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

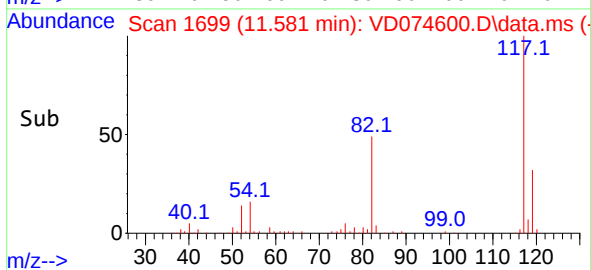
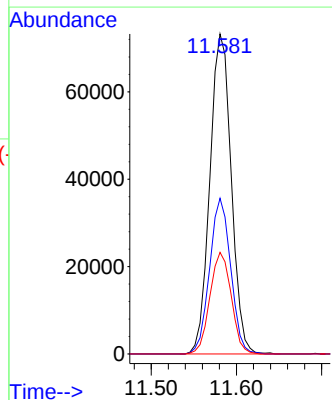
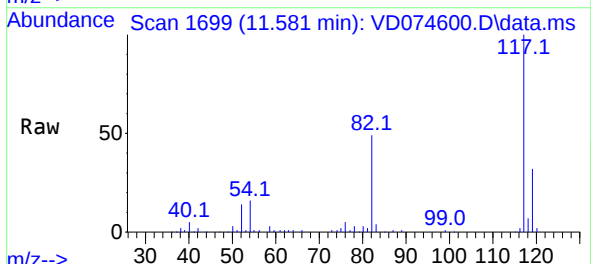
Instrument :
MSVOA_D
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CL-02-101922

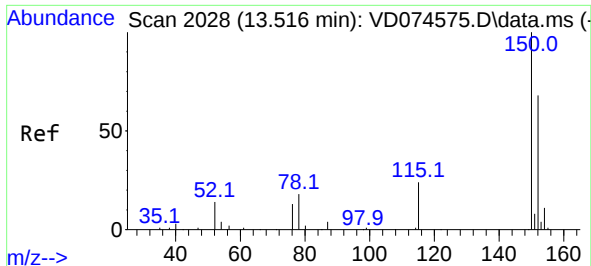
Tgt Ion:	95	Resp:	48566
Ion	Ratio	Lower	Upper
95	100		
174	103.9	0.0	197.0
176	96.9	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

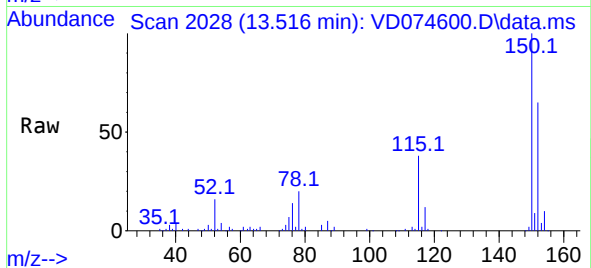
Tgt Ion:	117	Resp:	127667
Ion	Ratio	Lower	Upper
117	100		
82	48.6	41.6	62.4
119	31.8	25.2	37.8



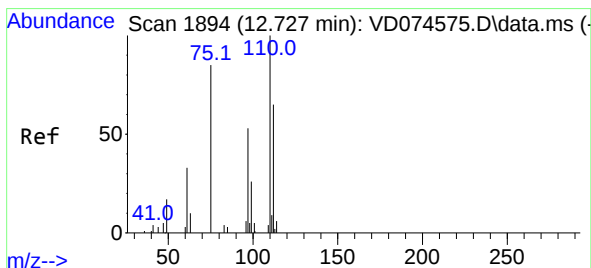
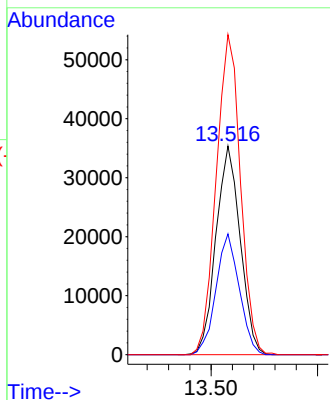
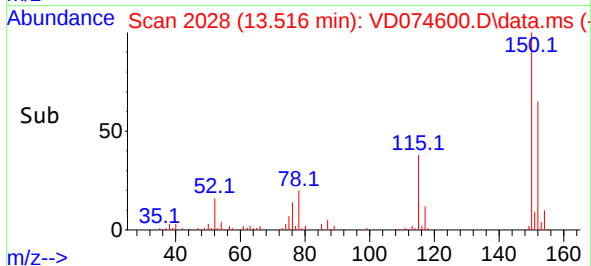


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

Instrument :
MSVOA_D
ClientSampleId :
CL-02-101922

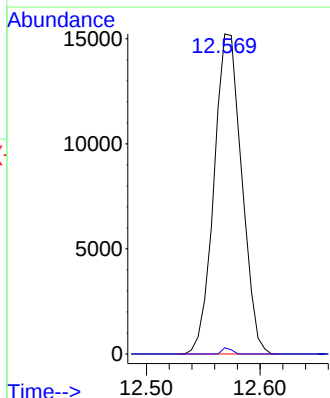
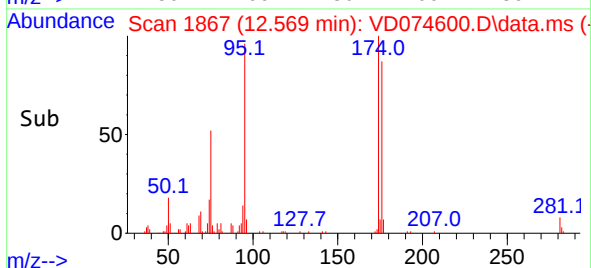
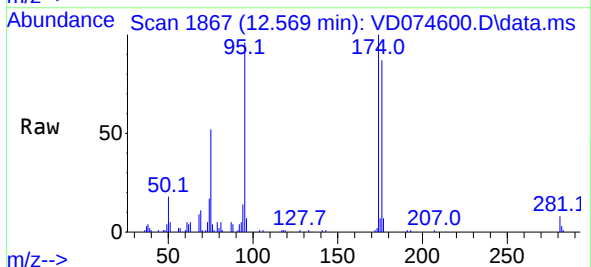


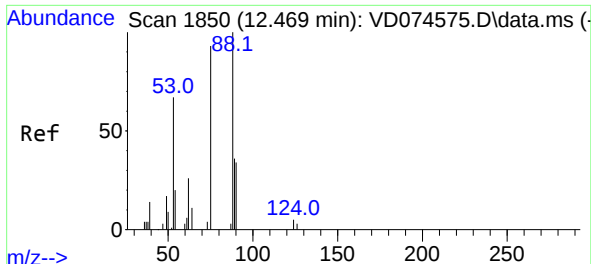
Tgt Ion:152 Resp: 55837
Ion Ratio Lower Upper
152 100
115 55.8 26.8 80.4
150 153.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 52.919 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

Tgt Ion: 75 Resp: 25801
Ion Ratio Lower Upper
75 100
77 0.7 185.8 557.5#

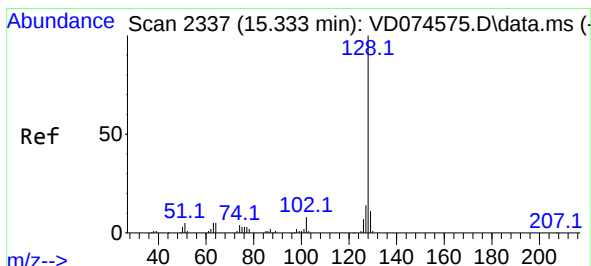
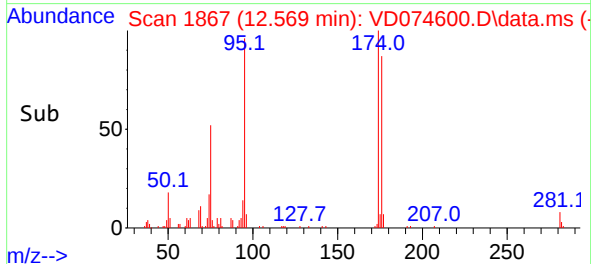
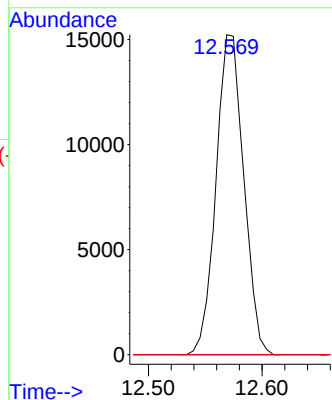
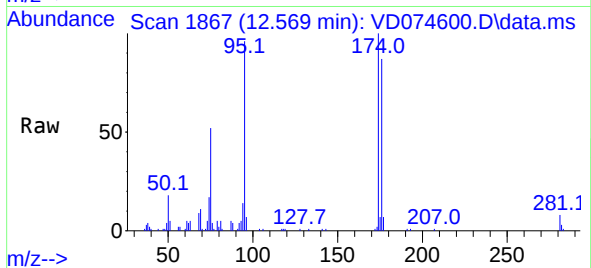




#81
trans-1,4-Dichloro-2-butene
Concen: 135.236 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.106 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

Instrument :
MSVOA_D
ClientSampleId :
CL-02-101922

Tgt Ion: 75 Resp: 25801
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.149 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074600.D
Acq: 20 Oct 2022 16:23

Tgt Ion:128 Resp: 2430
Ion Ratio Lower Upper
128 100
127 9.8 10.6 16.0#
129 5.4 8.3 12.5#

