

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071574.D
 Acq On : 03 Jan 2022 19:03
 Operator : VA/SY
 Sample : M5196-17
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 04 00:50:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

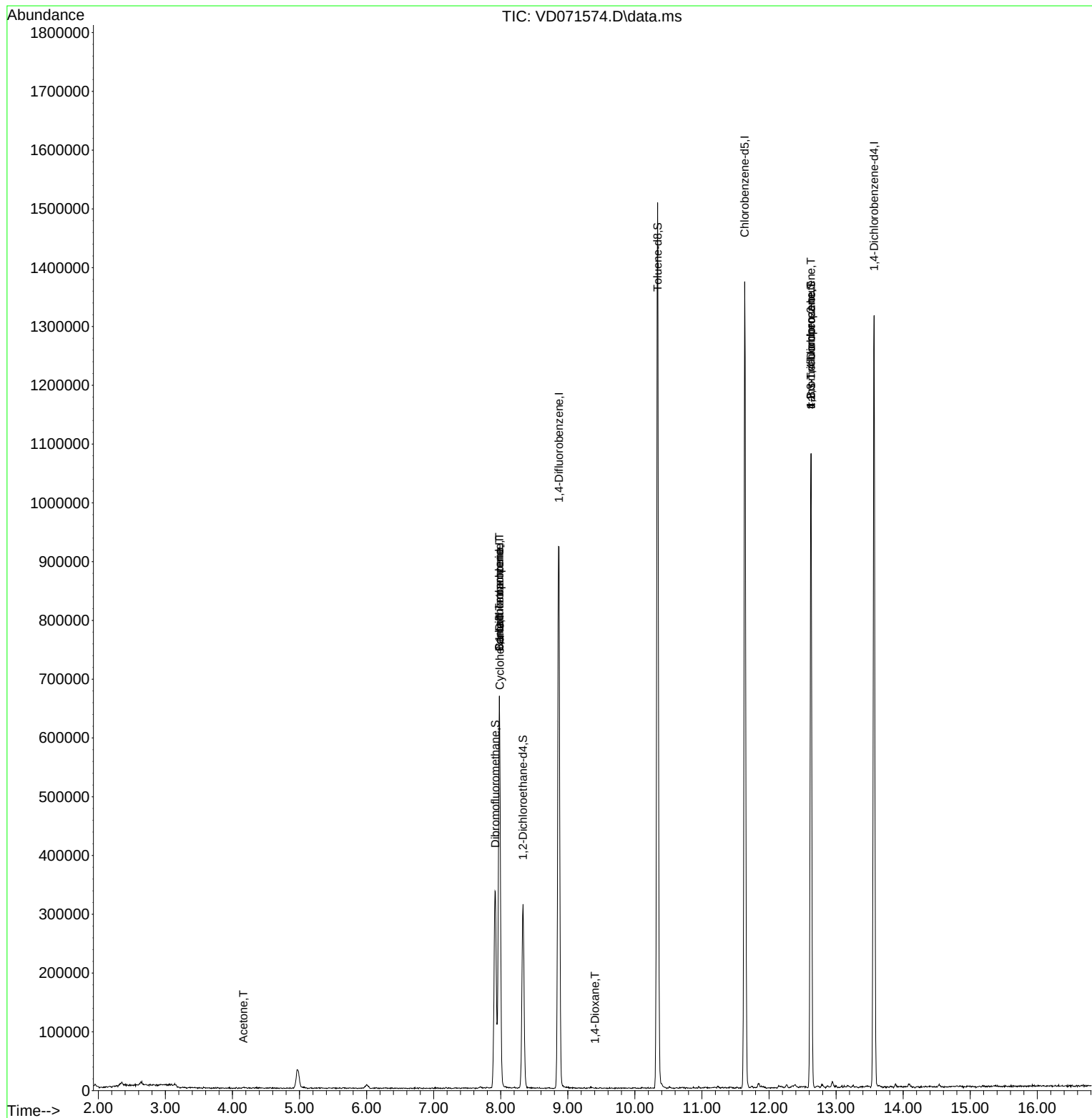
Internal Standards						
1) Pentafluorobenzene	7.979	168	453149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	766635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	712830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	318343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	247336	41.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.200%
35) Dibromofluoromethane	7.920	113	237865	46.166	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.340%
50) Toluene-d8	10.338	98	969063	49.770	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.626	95	329055	47.558	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.215	59	56	Below Cal	#	71
16) Acetone	4.162	43	2411	1.595	ug/l #	75
20) Methylene Chloride	4.967	84	22480	Below Cal	#	90
31) Cyclohexane	7.985	56	13331	1.304	ug/l #	58
36) 1,1-Dichloropropene	7.979	75	40645	4.938	ug/l #	44
38) Carbon Tetrachloride	7.979	117	50251	6.188	ug/l #	16
49) 1,4-Dioxane	9.403	88	66	1.841	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	186313	49.257	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	186313	139.176	ug/l #	18

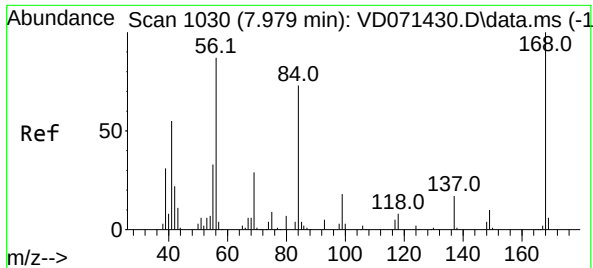
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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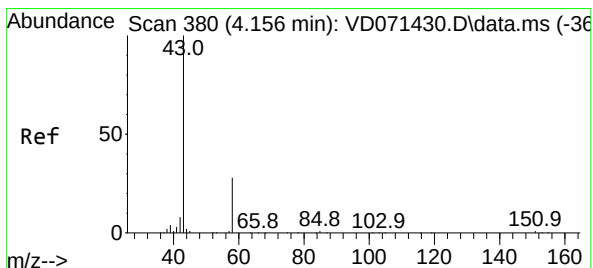
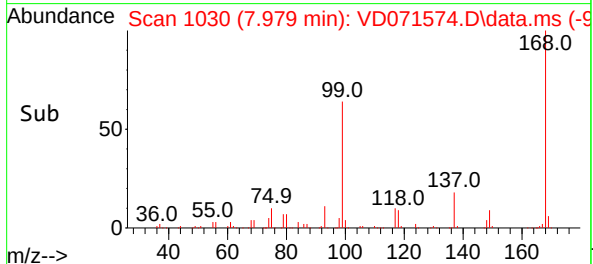
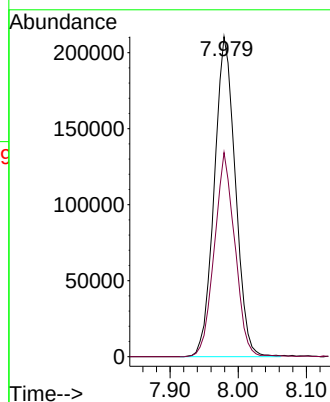
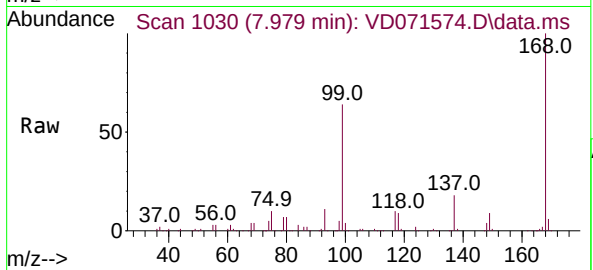




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

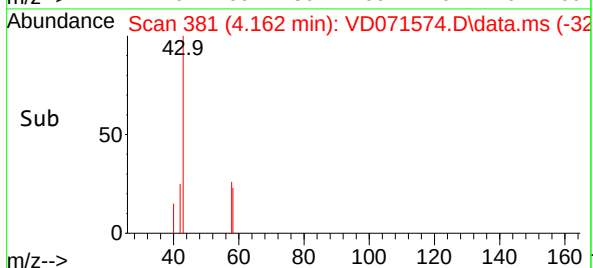
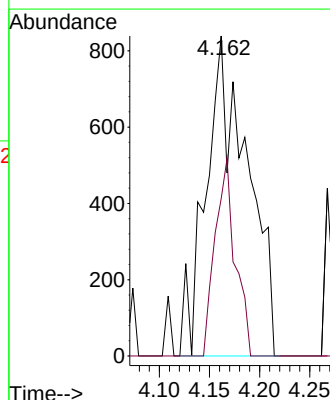
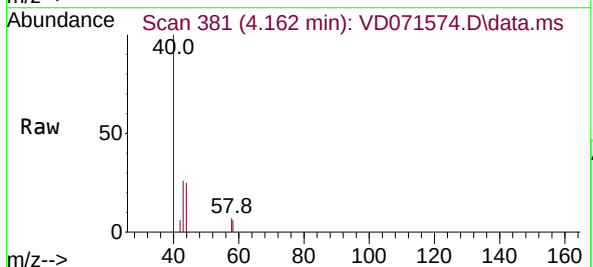
Instrument :
MSVOA_D
ClientSampleId :

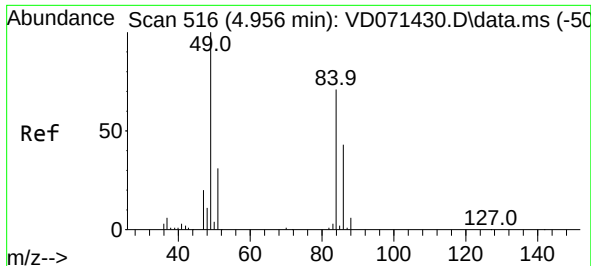
Tgt Ion:168 Resp: 453149
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8



#16
Acetone
Concen: 1.595 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

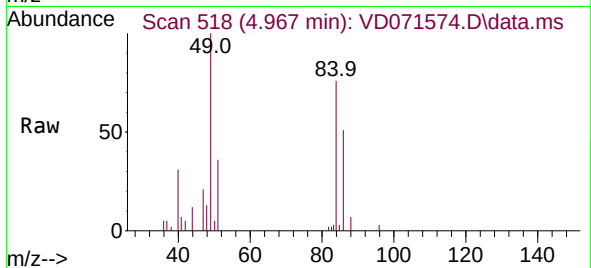
Tgt Ion: 43 Resp: 2411
Ion Ratio Lower Upper
43 100
58 49.1 27.8 41.8#



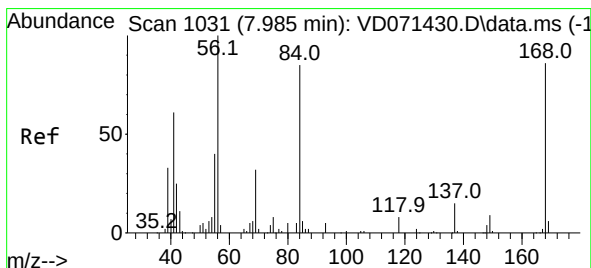
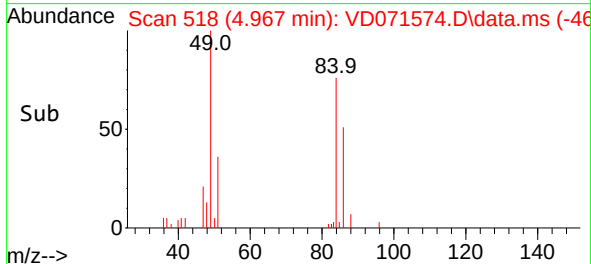
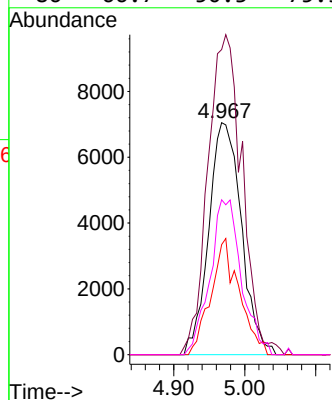


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :

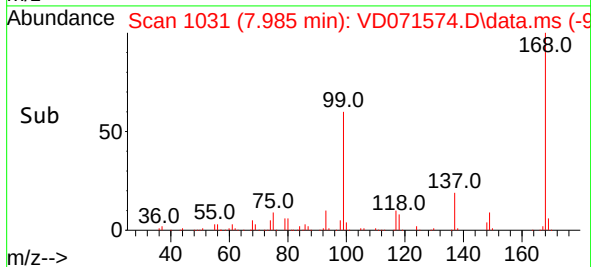
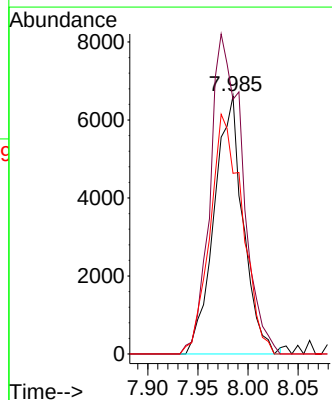
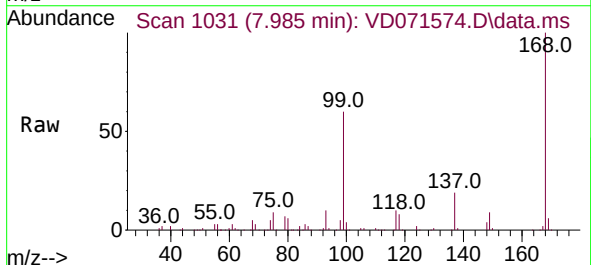


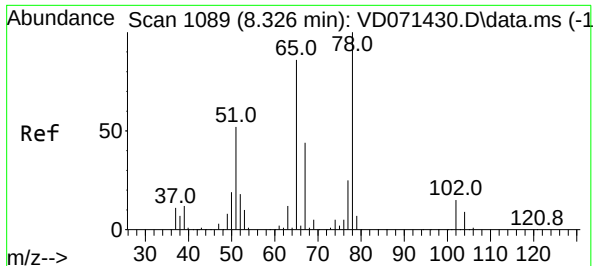
Tgt Ion:	84	Resp:	22480
Ion	Ratio	Lower	Upper
84	100		
49	131.5	95.8	143.6
51	47.4	30.9	46.3
86	66.7	50.3	75.5



#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

Tgt Ion:	56	Resp:	13331
Ion	Ratio	Lower	Upper
56	100		
69	98.7	25.9	38.9
84	70.1	64.3	96.5





#33

1,2-Dichloroethane-d4

Concen: 41.098 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071574.D

Acq: 03 Jan 2022 19:03

Instrument :

MSVOA_D

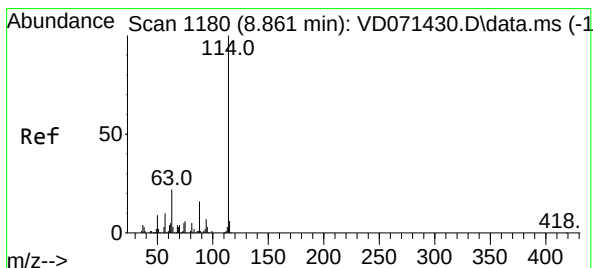
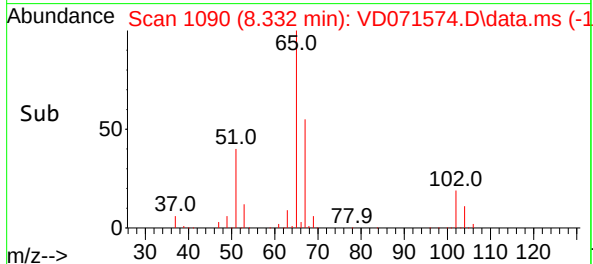
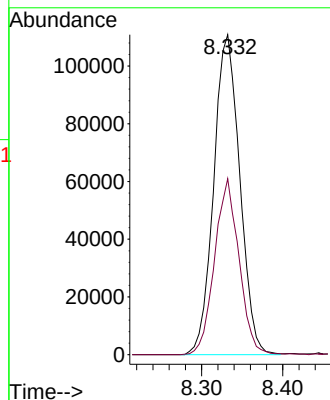
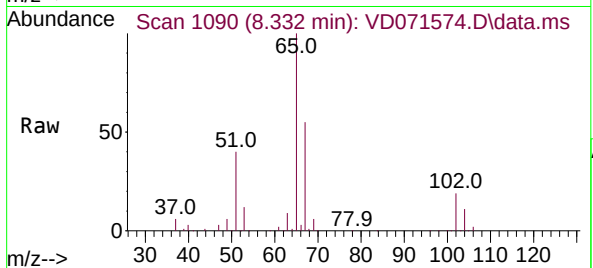
ClientSampleId :

Tgt Ion: 65 Resp: 247336

Ion Ratio Lower Upper

65 100

67 51.7 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071574.D

Acq: 03 Jan 2022 19:03

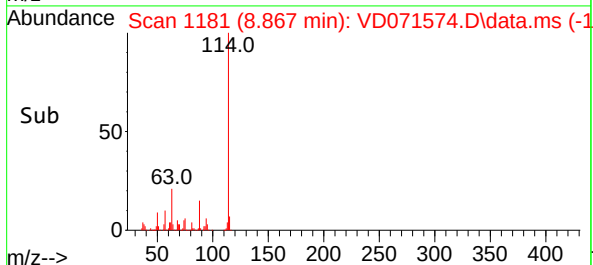
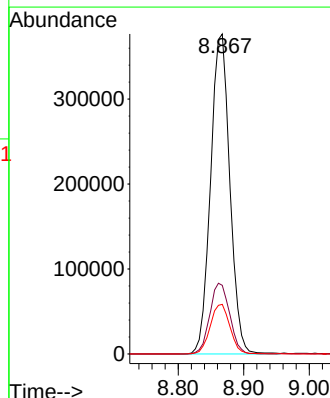
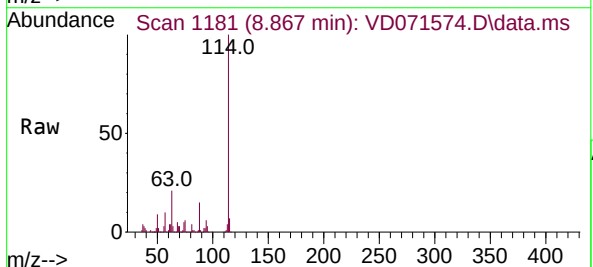
Tgt Ion: 114 Resp: 766635

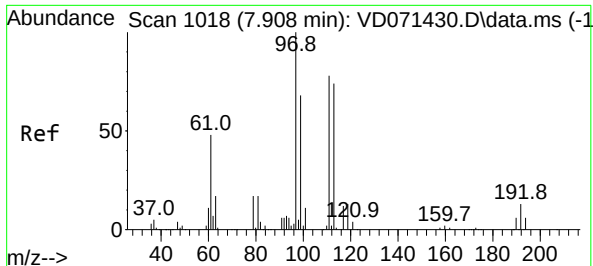
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.166 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.012 min

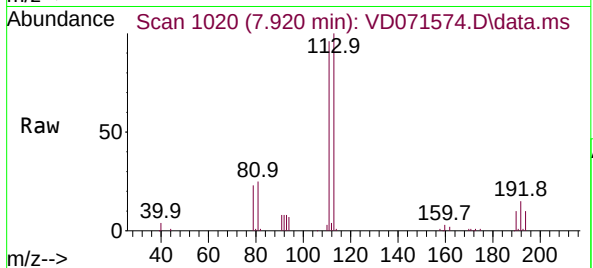
Lab File: VD071574.D

Acq: 03 Jan 2022 19:03

Instrument :

MSVOA_D

ClientSampleId :



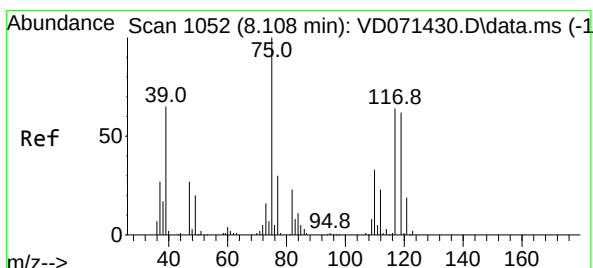
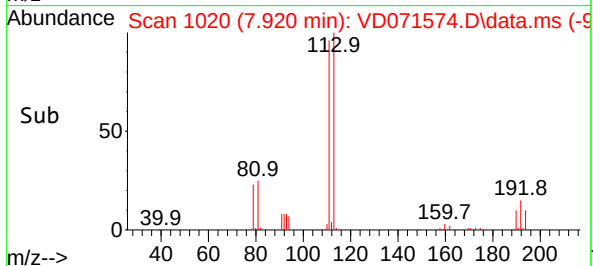
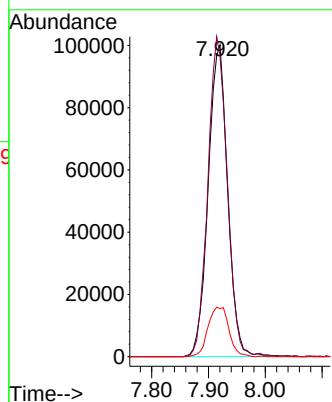
Tgt Ion:113 Resp: 237865

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 17.1 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.938 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071574.D

Acq: 03 Jan 2022 19:03

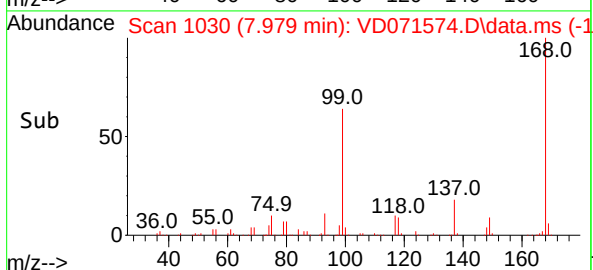
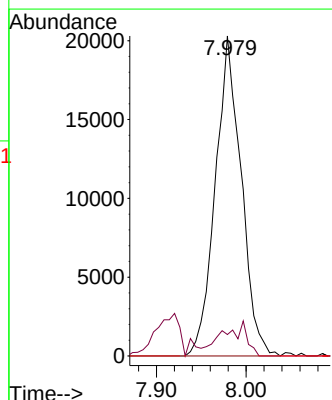
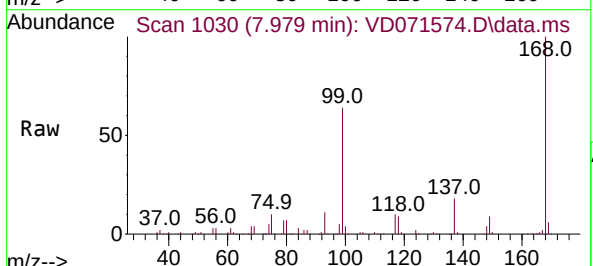
Tgt Ion: 75 Resp: 40645

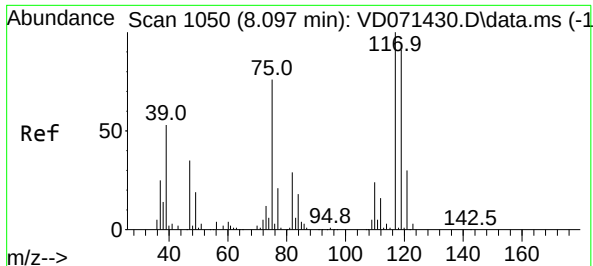
Ion Ratio Lower Upper

75 100

110 2.7 17.8 53.4#

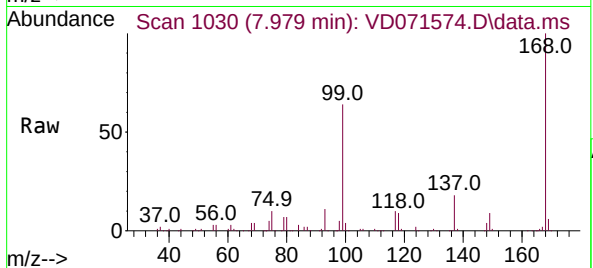
77 0.0 24.8 37.2#



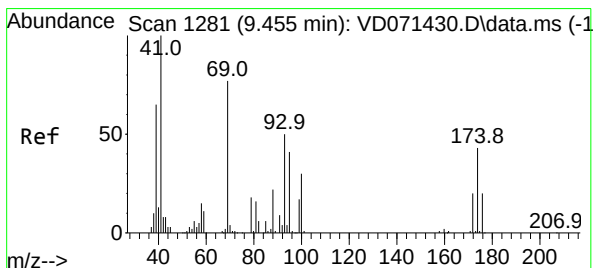
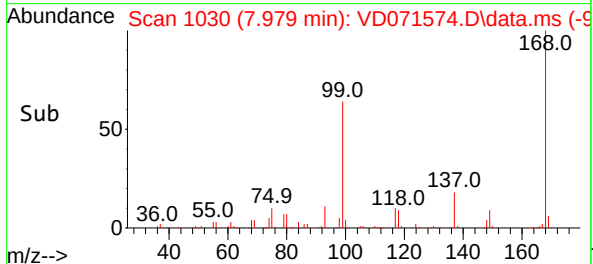
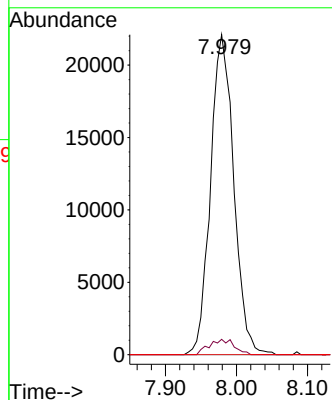


#38
Carbon Tetrachloride
Concen: 6.188 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :

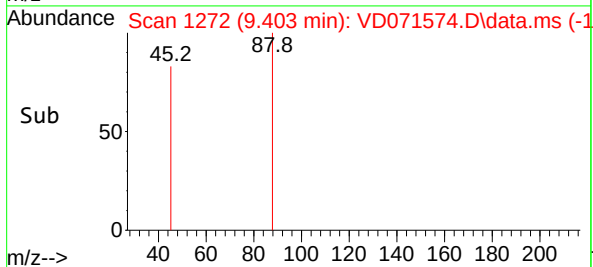
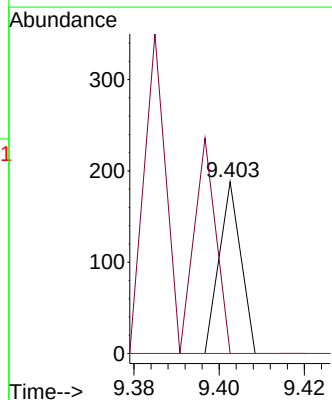
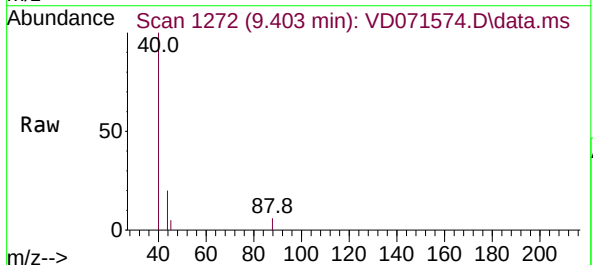


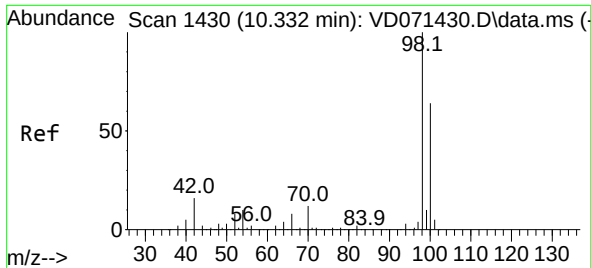
Tgt Ion:117 Resp: 50251
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 1.841 ug/l
RT: 9.403 min Scan# 1272
Delta R.T. -0.052 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 313.6 28.9 43.3#
58 0.0 56.3 84.5#

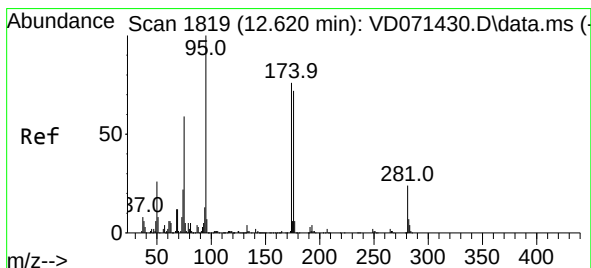
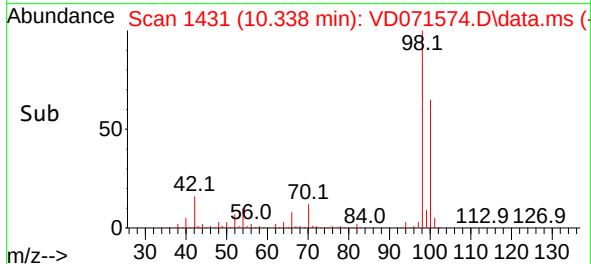
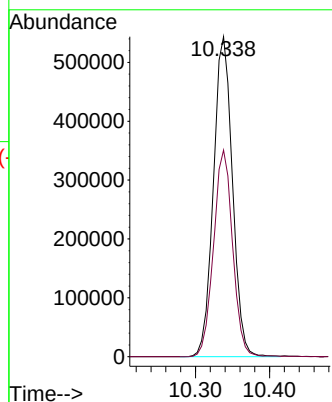
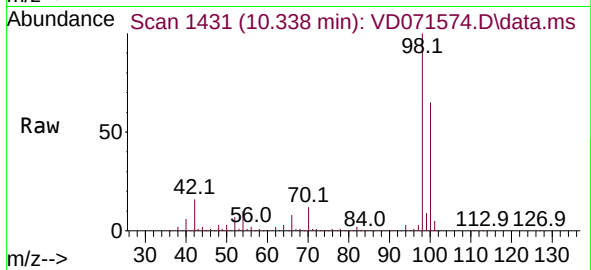




#50
Toluene-d8
Concen: 49.770 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

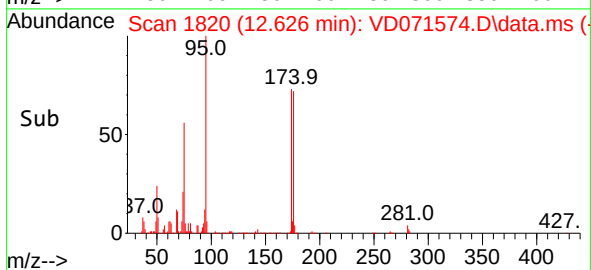
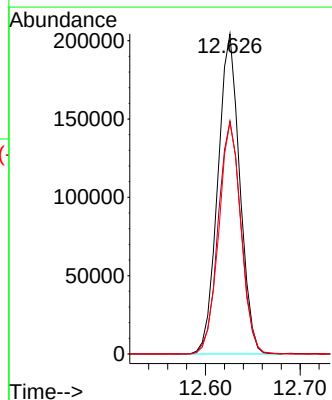
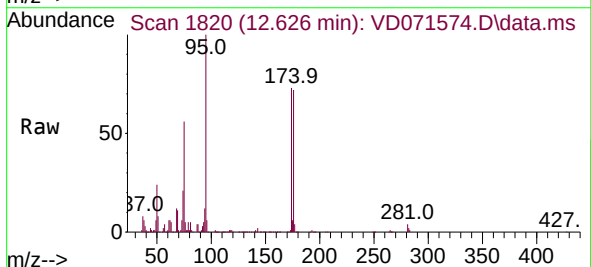
Instrument :
MSVOA_D
ClientSampleId :

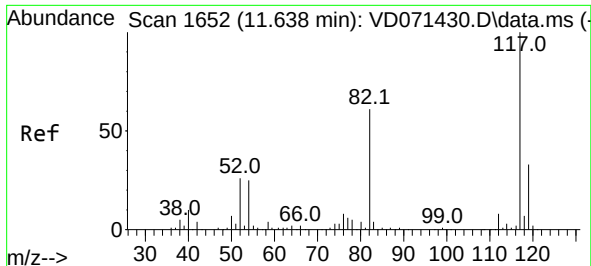
Tgt Ion: 98 Resp: 969063
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.558 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

Tgt Ion: 95 Resp: 329055
Ion Ratio Lower Upper
95 100
174 75.1 0.0 159.4
176 73.1 0.0 154.0

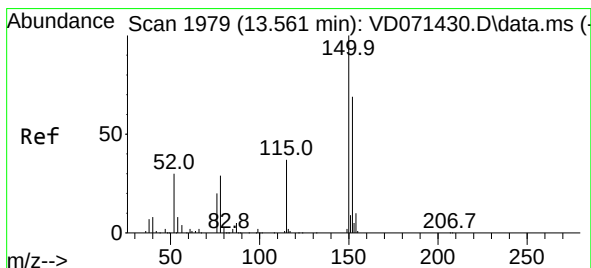
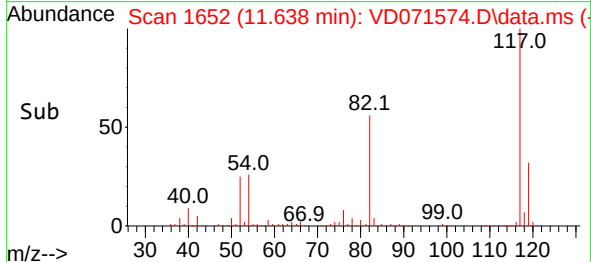
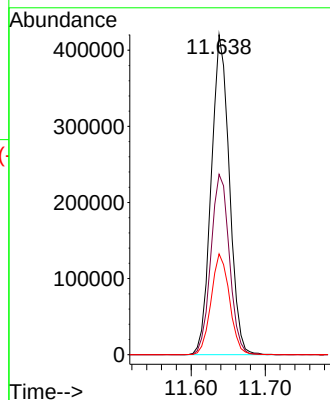
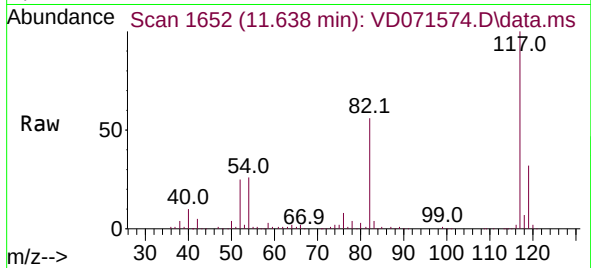




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

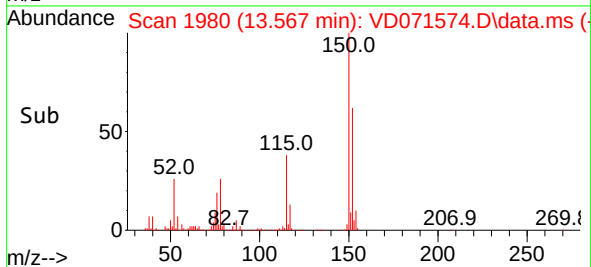
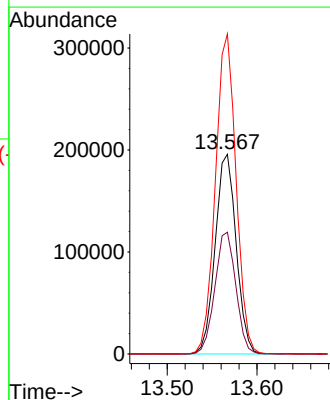
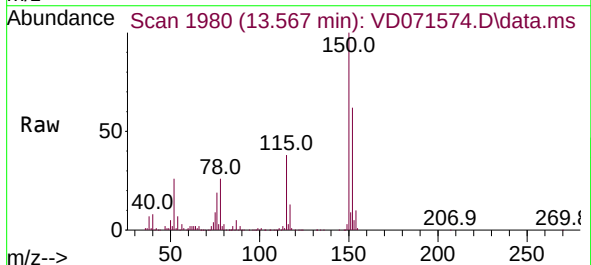
Instrument :
MSVOA_D
ClientSampleId :

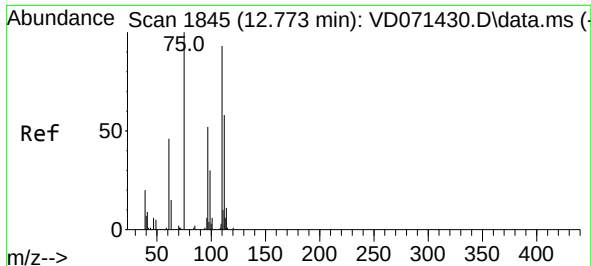
Tgt Ion:117 Resp: 712830
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

Tgt Ion:152 Resp: 318343
Ion Ratio Lower Upper
152 100
115 60.9 29.8 89.3
150 157.2 0.0 349.2

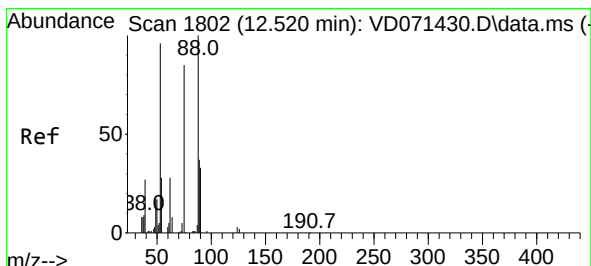
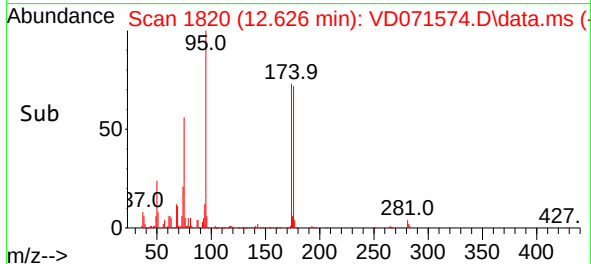
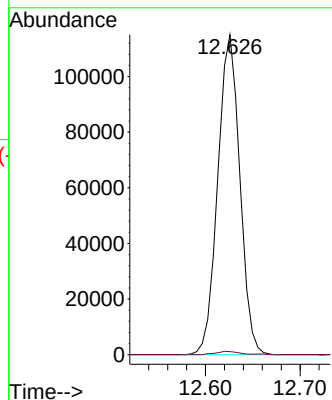
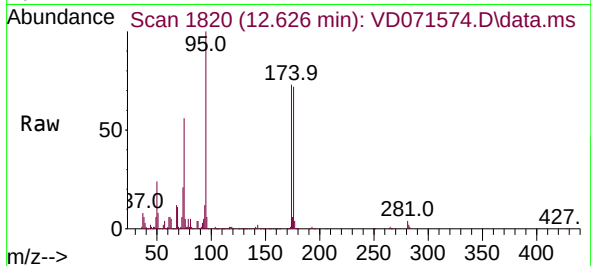




#76
1,2,3-Trichloropropane
Concen: 49.257 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 186313
Ion Ratio Lower Upper
75 100
77 1.2 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.176 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071574.D
Acq: 03 Jan 2022 19:03

Tgt Ion: 75 Resp: 186313
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.1 34.5 51.7#

