

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074670.D
 Acq On : 28 Oct 2022 14:35
 Operator : VA/SY
 Sample : N5282-01RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUMP-STONE

Quant Time: Oct 29 02:14:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

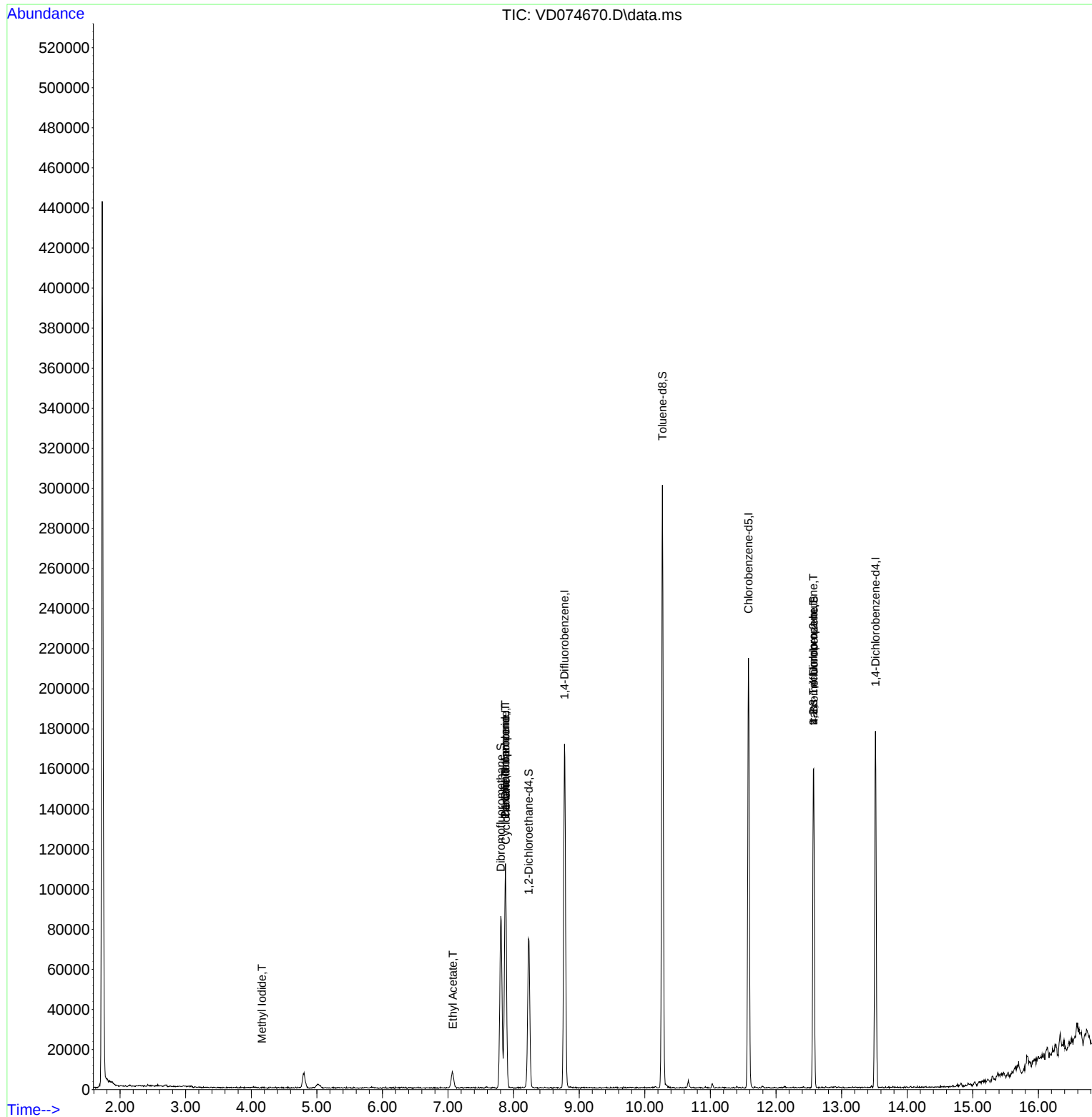
Internal Standards						
1) Pentafluorobenzene	7.875	168	91176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	167408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	133249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	52645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58205	75.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.280%	
35) Dibromofluoromethane	7.805	113	63366	61.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.980%	
50) Toluene-d8	10.269	98	213054	54.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.575	95	51602	47.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	472	Below Cal	#	37
5) Bromomethane	2.687	94	574	Below Cal		87
10) Methyl Iodide	4.164	142	144	5.561 ug/l	#	43
11) Tert butyl alcohol	5.016	59	2012	Below Cal	#	84
16) Acetone	4.022	43	764	Below Cal	#	37
18) Methyl Acetate	4.558	43	67	Below Cal	#	44
20) Methylene Chloride	4.805	84	6466	Below Cal	#	94
25) 2-Butanone	7.075	43	487	Below Cal	#	42
31) Cyclohexane	7.881	56	1755	1.244 ug/l	#	48
36) 1,1-Dichloropropene	7.875	75	6127	4.207 ug/l	#	46
37) Ethyl Acetate	7.075	43	487	1.046 ug/l	#	30
38) Carbon Tetrachloride	7.875	117	8118	5.998 ug/l	#	17
76) 1,2,3-Trichloropropane	12.569	75	24976	60.660 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.569	75	24976	160.540 ug/l	#	17

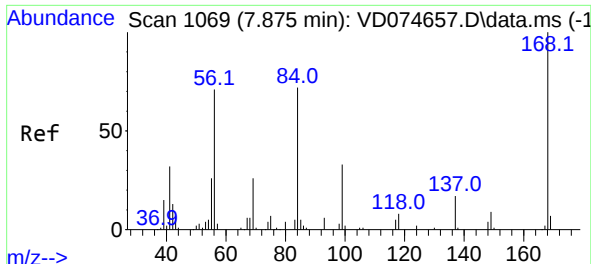
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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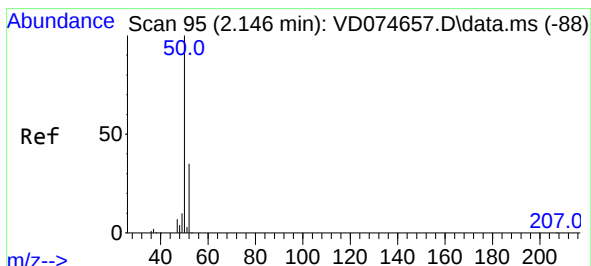
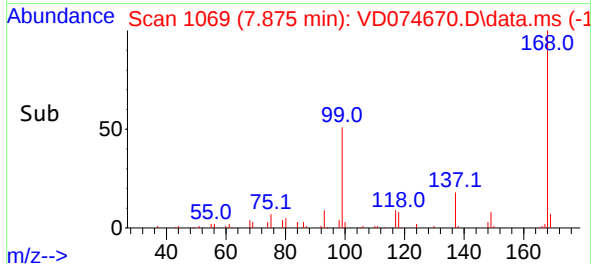
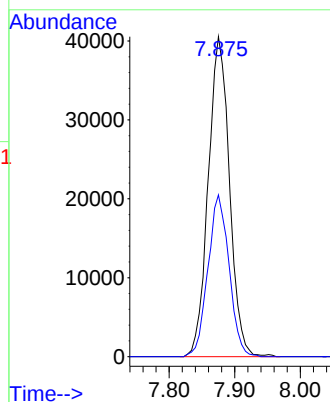
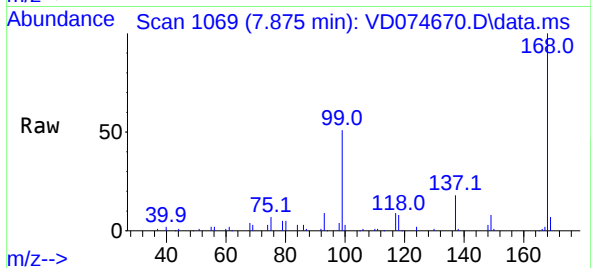




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

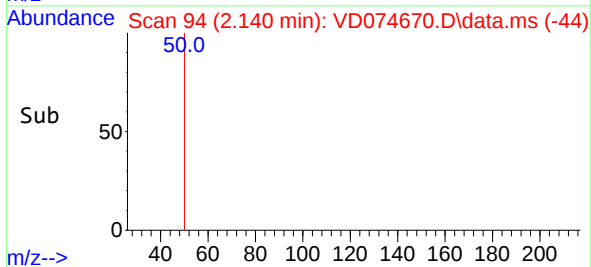
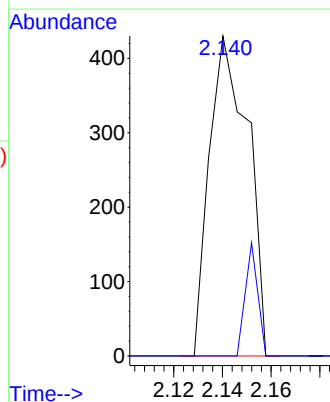
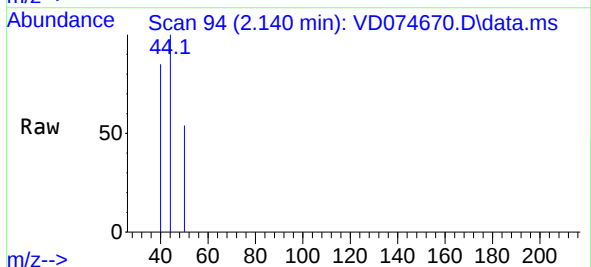
Instrument :
MSVOA_D
ClientSampleId :
SUMP-STONE

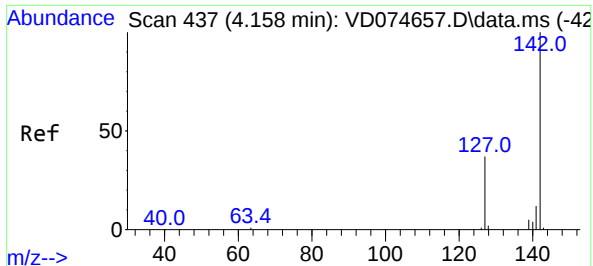
Tgt Ion:168 Resp: 91176
Ion Ratio Lower Upper
168 100
99 50.5 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

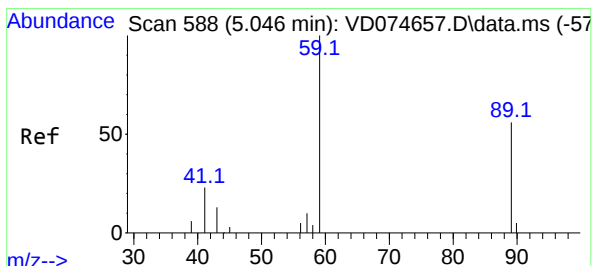
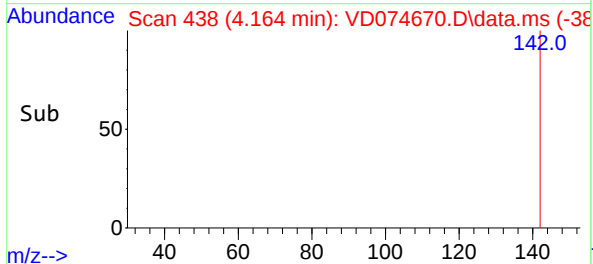
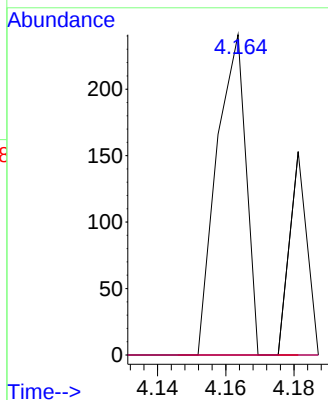
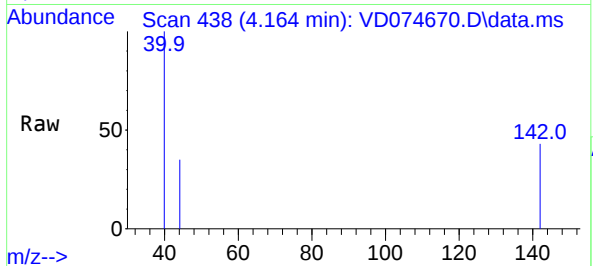




#10
Methyl Iodide
Concen: 5.561 ug/l
RT: 4.164 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

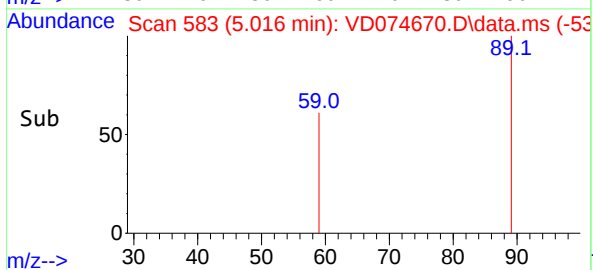
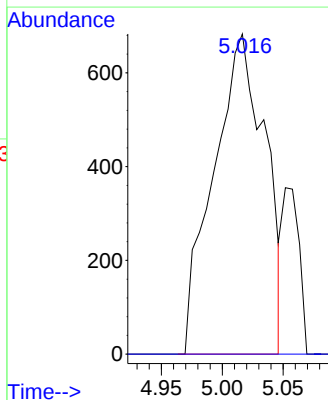
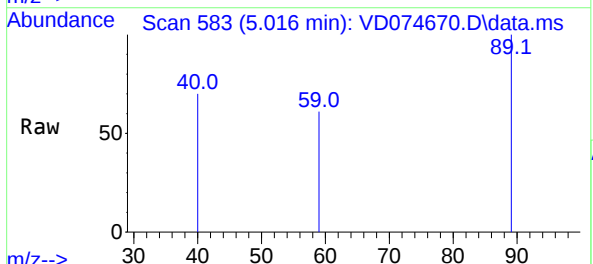
Instrument :
MSVOA_D
ClientSampleId :
SUMP-STONE

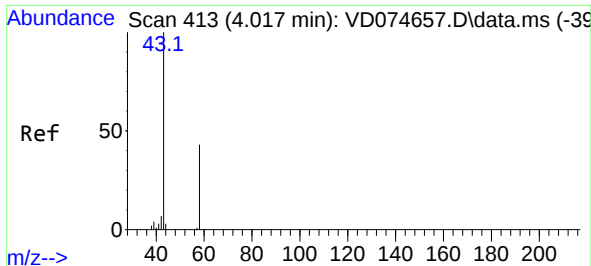
Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.016 min Scan# 583
Delta R.T. -0.030 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

Tgt Ion: 59 Resp: 2012
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

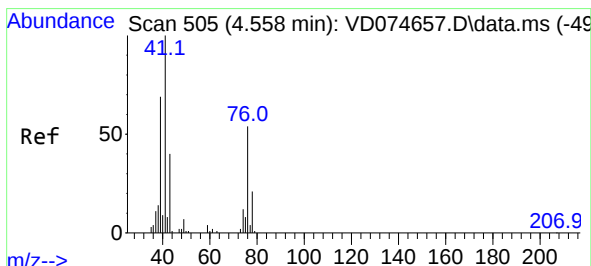
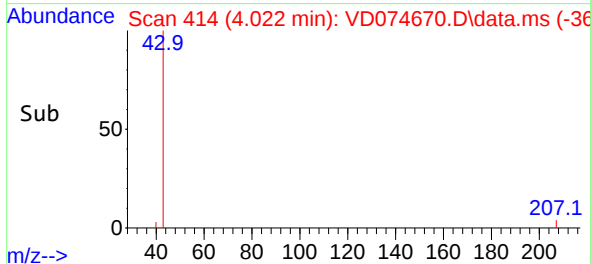
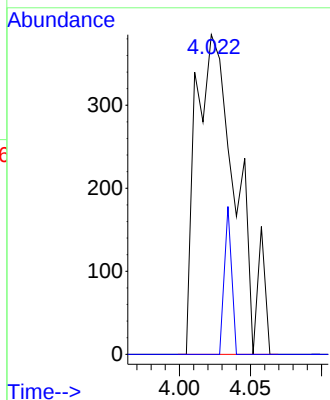
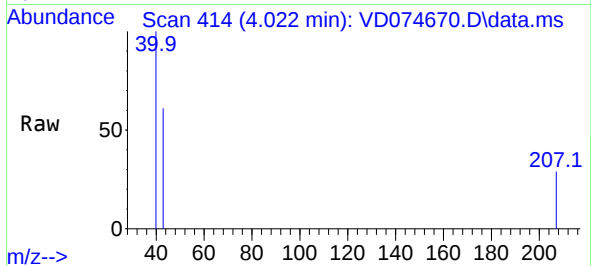




#16
Acetone
Concen: Below Cal
RT: 4.022 min Scan# 413
Delta R.T. 0.005 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

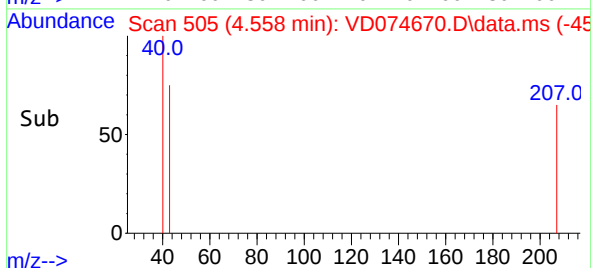
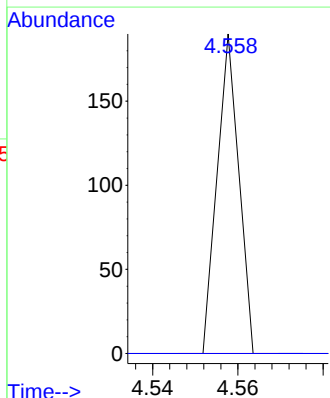
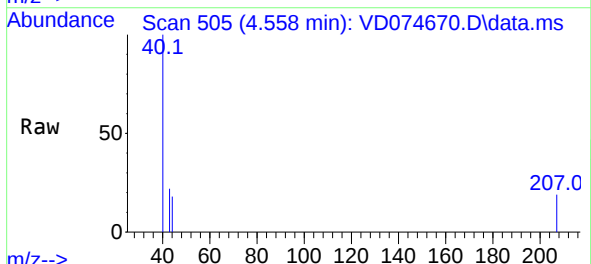
Instrument :
MSVOA_D
ClientSampleId :
SUMP-STONE

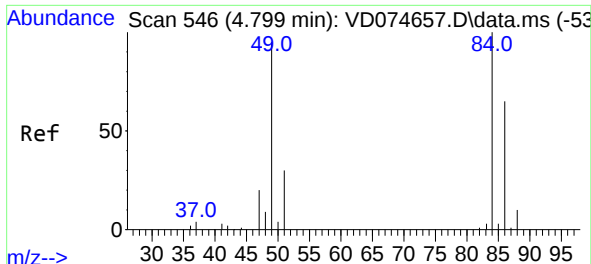
Tgt Ion: 43 Resp: 764
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 24.7 37.1#



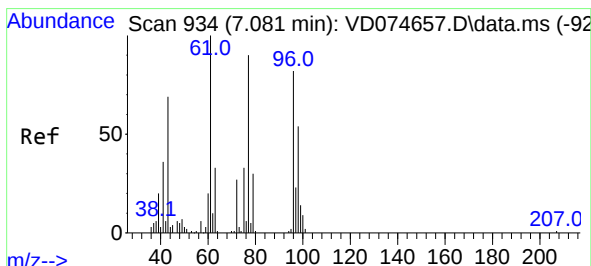
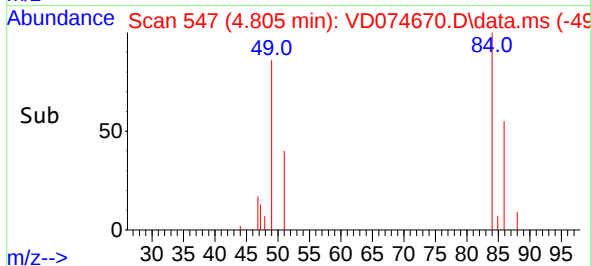
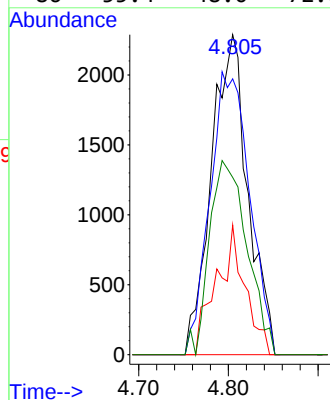
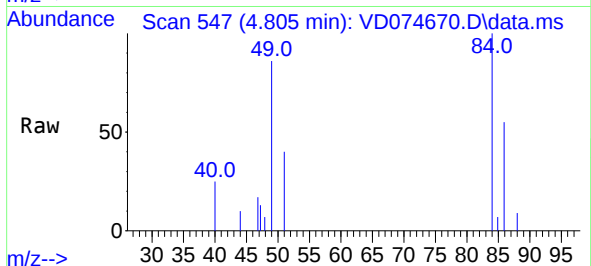


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

Instrument :
MSVOA_D
ClientSampleId :
SUMP-STONE

Tgt Ion: 84 Resp: 6466

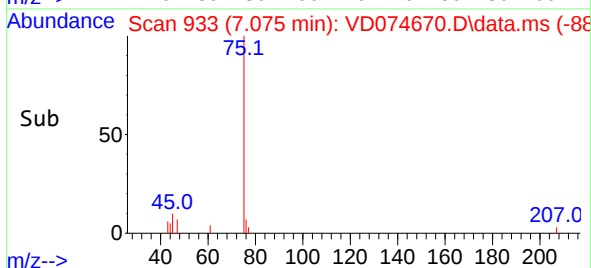
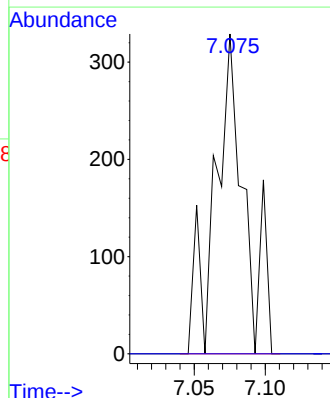
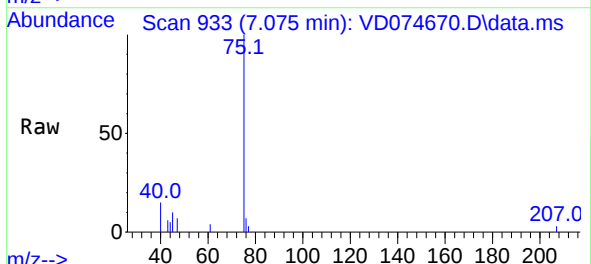
Ion	Ratio	Lower	Upper
84	100		
49	86.2	68.0	102.0
51	40.5	23.2	34.8#
86	55.4	48.0	72.0

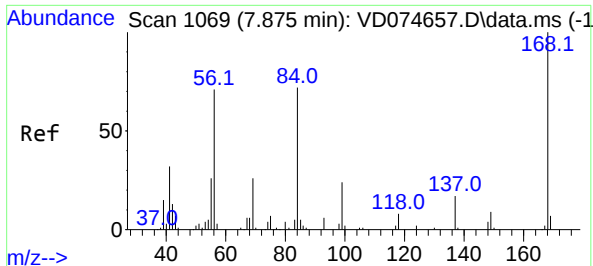


#25
2-Butanone
Concen: Below Cal
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

Tgt Ion: 43 Resp: 487

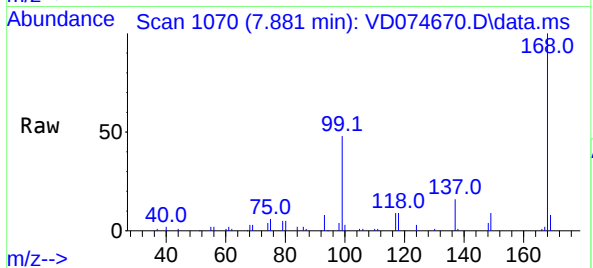
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#



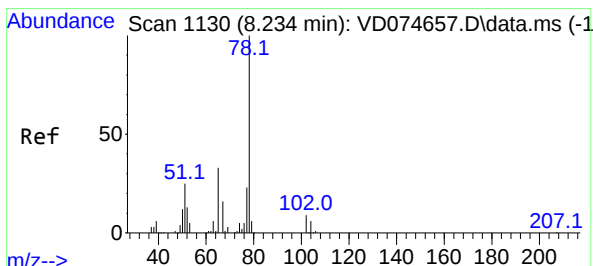
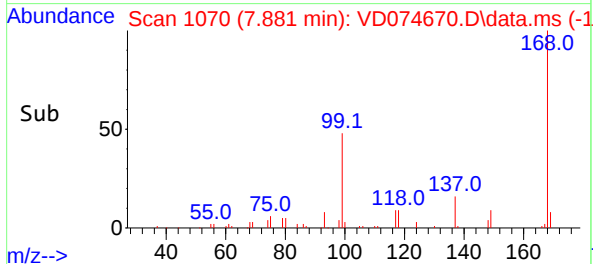
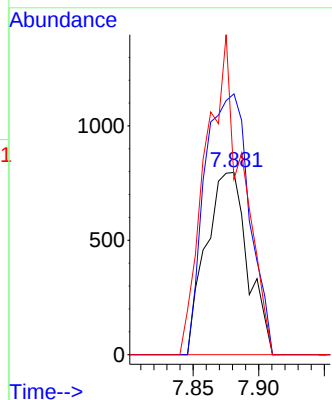


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

Instrument :
MSVOA_D
ClientSampleId :
SUMP-STONE

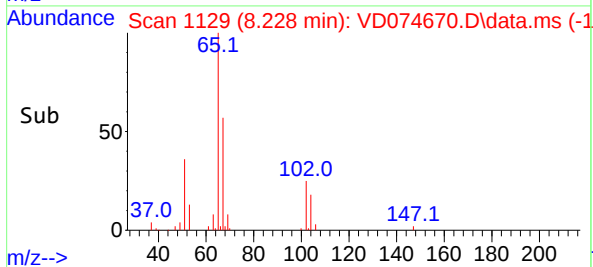
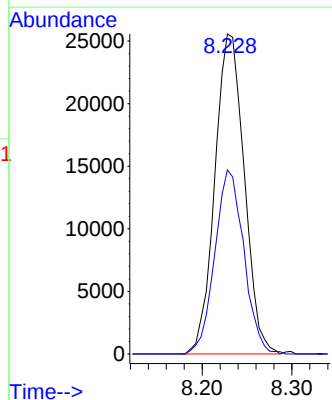
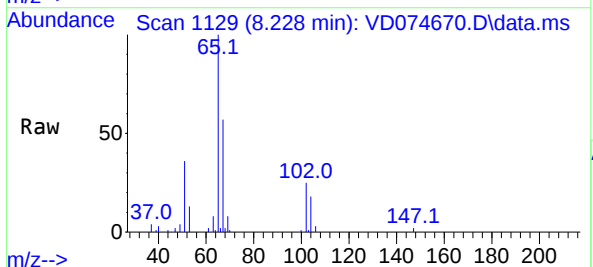


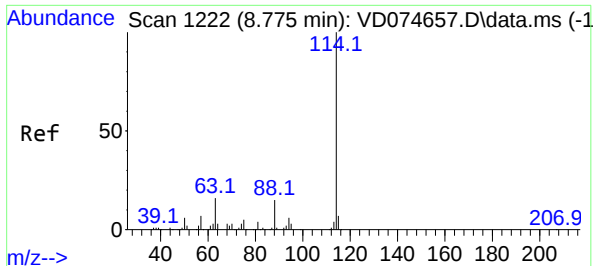
Tgt Ion: 56 Resp: 1755
Ion Ratio Lower Upper
56 100
69 143.0 29.2 43.8#
84 96.2 83.4 125.2



#33
1,2-Dichloroethane-d4
Concen: 75.636 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

Tgt Ion: 65 Resp: 58205
Ion Ratio Lower Upper
65 100
67 56.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074670.D

Acq: 28 Oct 2022 14:35

Instrument :

MSVOA_D

ClientSampleId :

SUMP-STONE

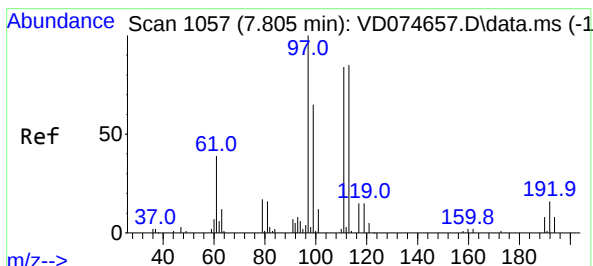
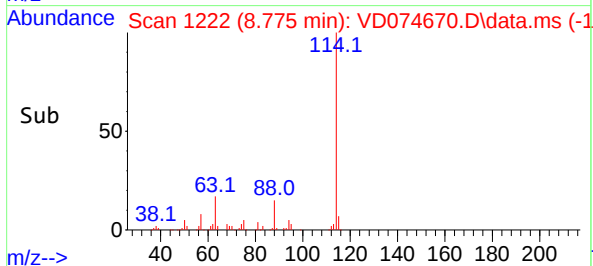
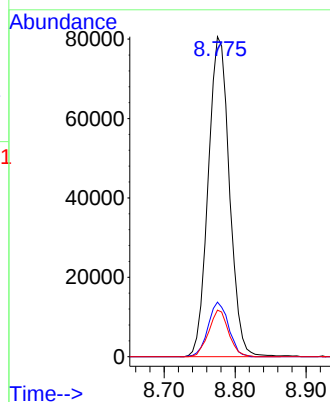
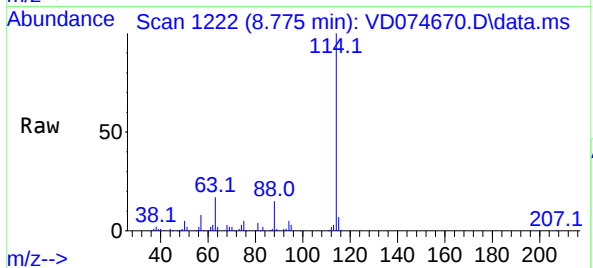
Tgt Ion:114 Resp: 167408

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 14.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 61.988 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074670.D

Acq: 28 Oct 2022 14:35

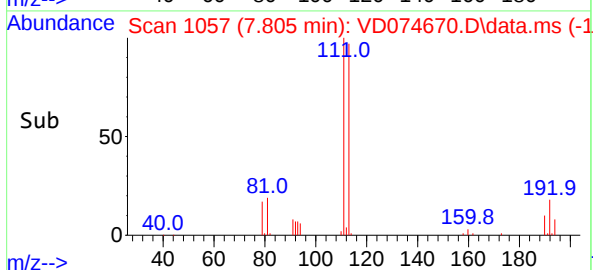
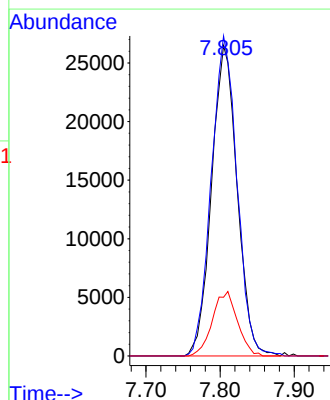
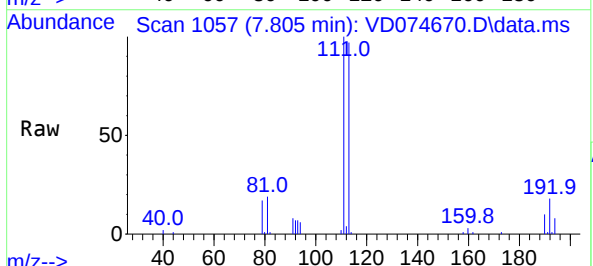
Tgt Ion:113 Resp: 63366

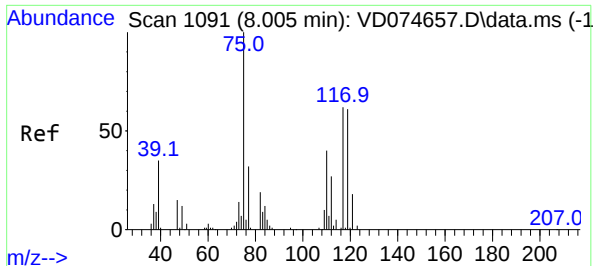
Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 20.4 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.207 ug/l

RT: 7.875 min Scan# 1091

Delta R.T. -0.130 min

Lab File: VD074670.D

Acq: 28 Oct 2022 14:35

Instrument :

MSVOA_D

ClientSampleId :

SUMP-STONE

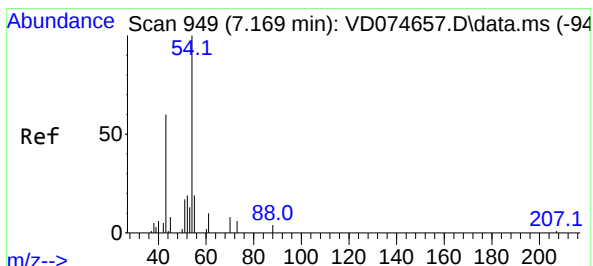
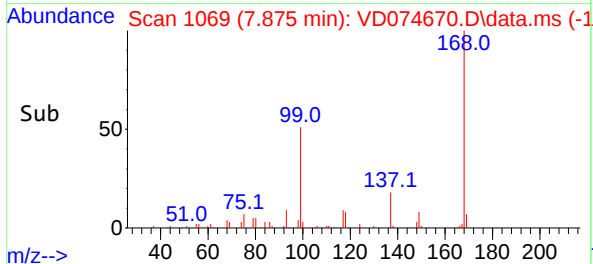
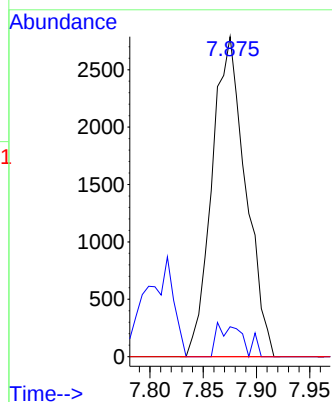
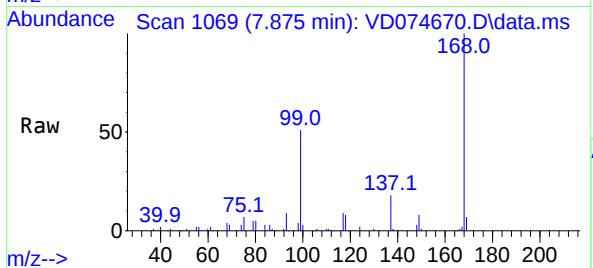
Tgt Ion: 75 Resp: 6127

Ion Ratio Lower Upper

75 100

110 8.0 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.046 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.094 min

Lab File: VD074670.D

Acq: 28 Oct 2022 14:35

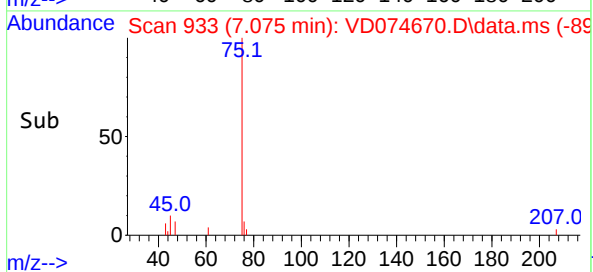
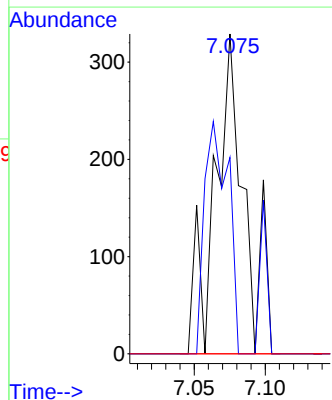
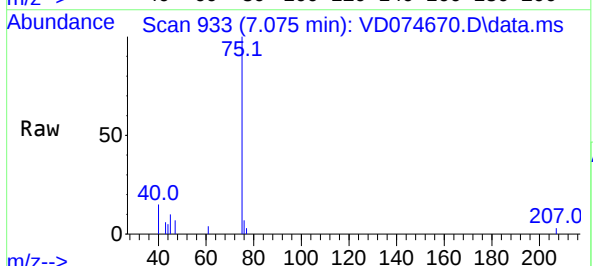
Tgt Ion: 43 Resp: 487

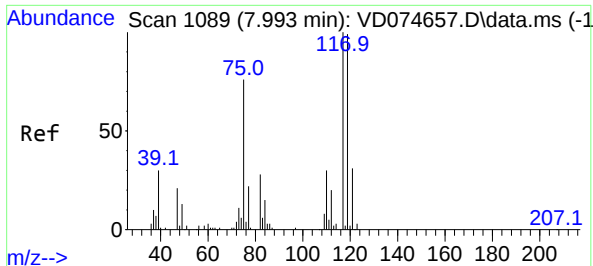
Ion Ratio Lower Upper

43 100

61 57.3 12.2 18.4#

70 0.0 9.6 14.4#

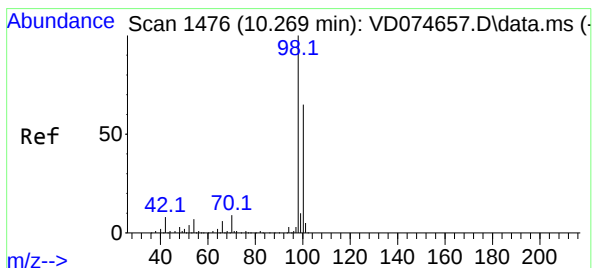
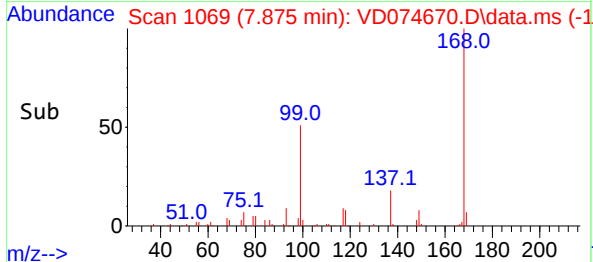
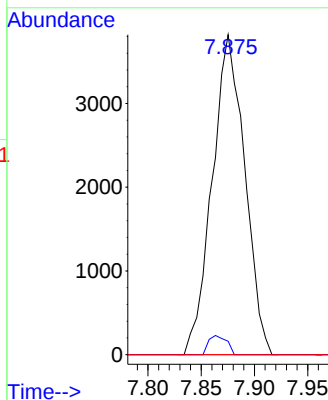
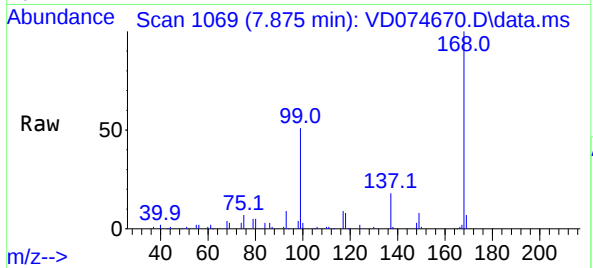




#38
Carbon Tetrachloride
Concen: 5.998 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

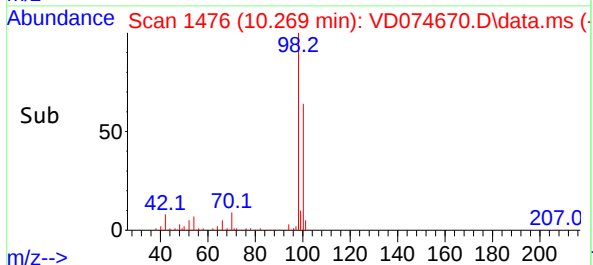
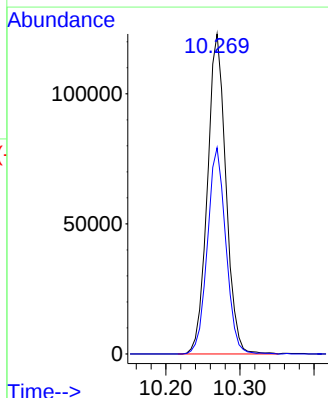
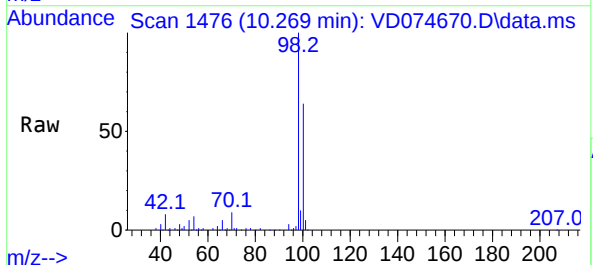
Instrument :
MSVOA_D
ClientSampleId :
SUMP-STONE

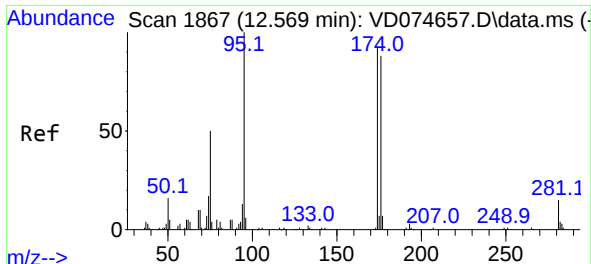
Tgt Ion:117 Resp: 8118
Ion Ratio Lower Upper
117 100
119 4.2 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 54.196 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

Tgt Ion: 98 Resp: 213054
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



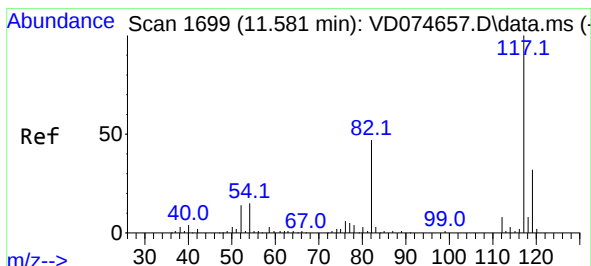
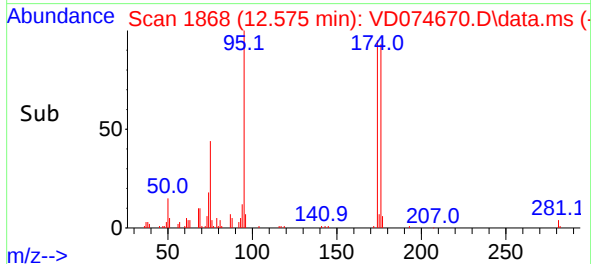
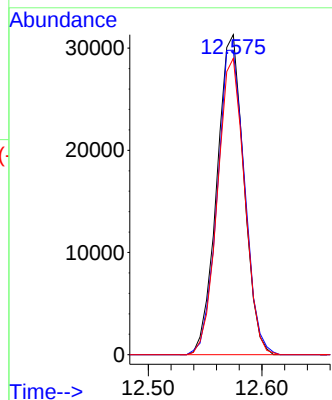
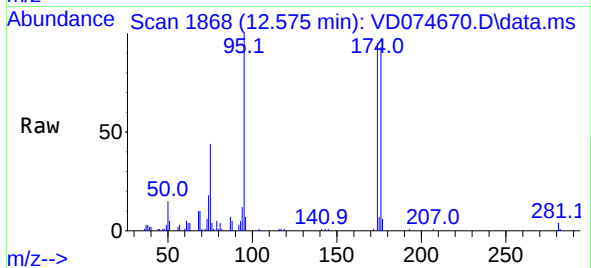


#62
4-Bromofluorobenzene
Concen: 47.795 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

Instrument : MSVOA_D
ClientSampleId : SUMP-STONE

Tgt Ion: 95 Resp: 51602

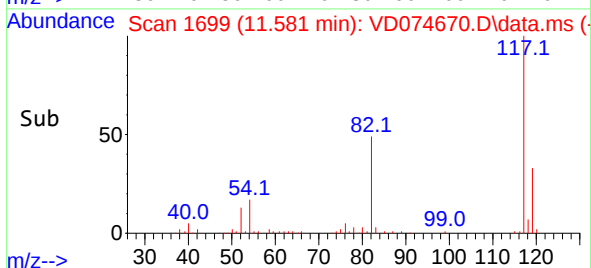
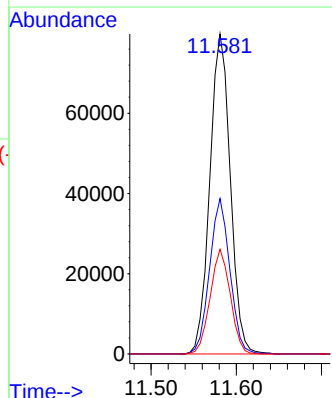
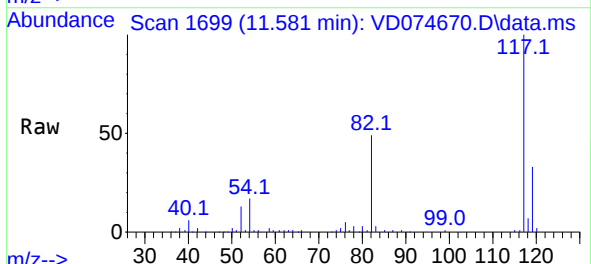
Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	197.0
176	92.7	0.0	182.6

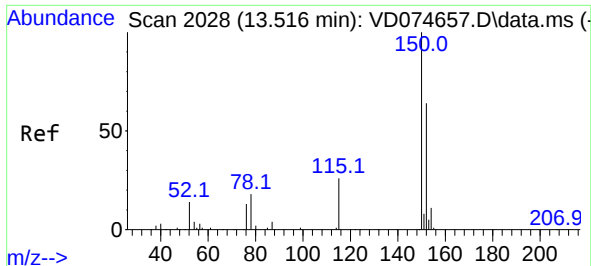


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

Tgt Ion: 117 Resp: 133249

Ion	Ratio	Lower	Upper
117	100		
82	48.5	41.6	62.4
119	32.7	25.2	37.8

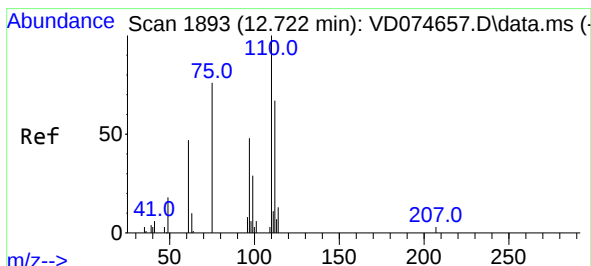
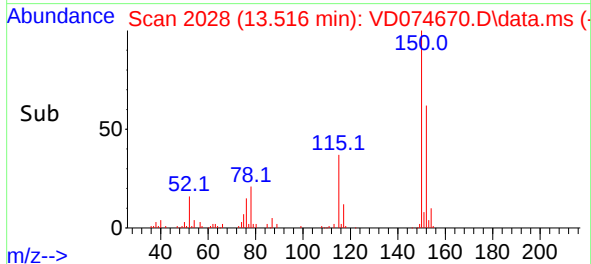
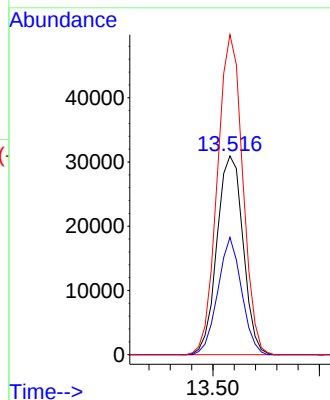
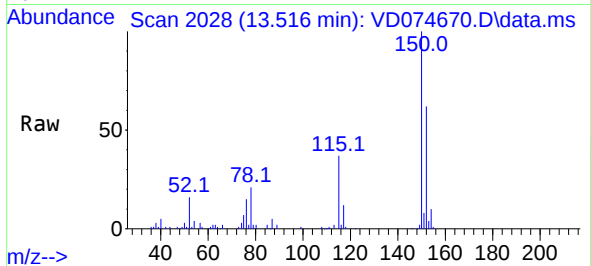




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

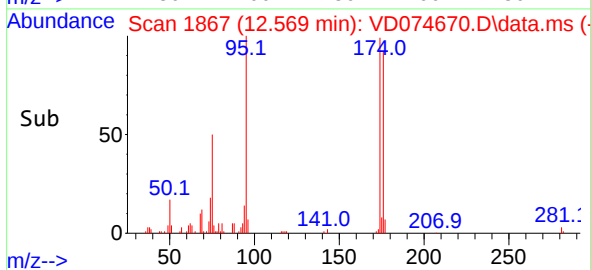
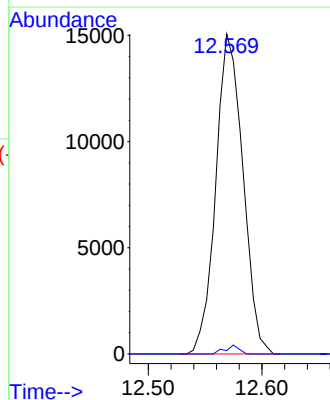
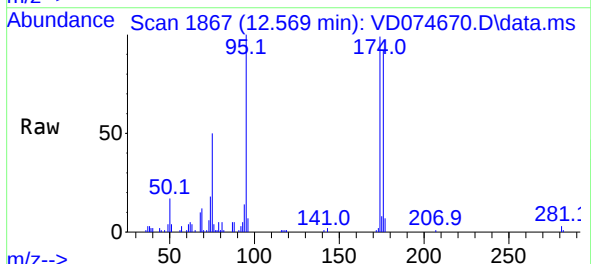
Instrument :
MSVOA_D
ClientSampleId :
SUMP-STONE

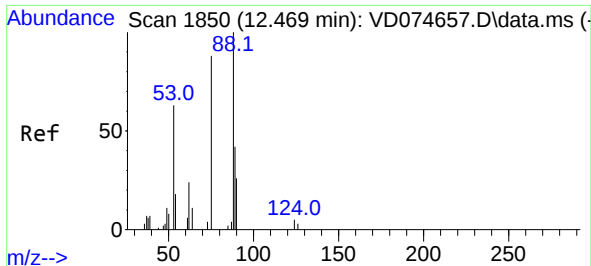
Tgt Ion:152 Resp: 52645
Ion Ratio Lower Upper
152 100
115 53.7 26.8 80.4
150 156.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 60.660 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074670.D
Acq: 28 Oct 2022 14:35

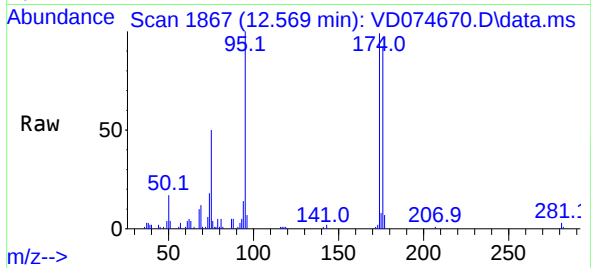
Tgt Ion: 75 Resp: 24976
Ion Ratio Lower Upper
75 100
77 1.4 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 160.540 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074670.D
 Acq: 28 Oct 2022 14:35

Instrument :
 MSVOA_D
 ClientSampleId :
 SUMP-STONE



Tgt Ion:	75	Resp:	24976
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

