

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072908.D
 Acq On : 10 May 2022 12:15
 Operator : VA/SY
 Sample : N2739-01
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124030

Quant Time: May 11 05:49:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

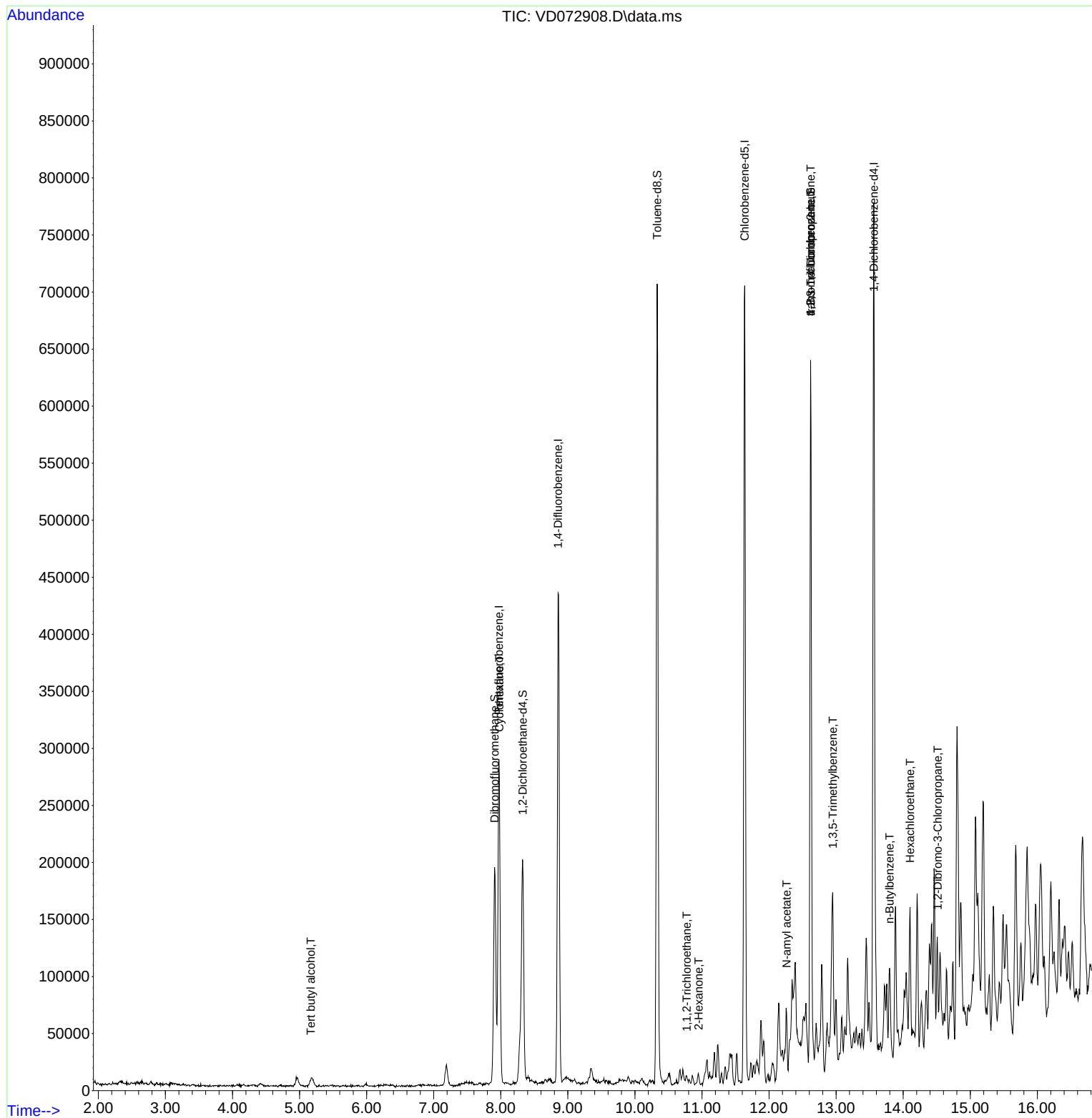
Internal Standards						
1) Pentafluorobenzene	7.973	168	201720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	371158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	411260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	199250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	151817	57.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.960%	
35) Dibromofluoromethane	7.908	113	138007	52.944	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.880%	
50) Toluene-d8	10.332	98	466409	49.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.620	95	201622	57.829	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	1566	Below Cal		81
11) Tert butyl alcohol	5.167	59	7300	32.222 ug/l	#	74
16) Acetone	4.138	43	723	Below Cal	#	47
18) Methyl Acetate	4.767	43	64	Below Cal	#	55
20) Methylene Chloride	4.962	84	6088	Below Cal	#	66
31) Cyclohexane	7.979	56	6678	1.459 ug/l	#	34
55) 1,1,2-Trichloroethane	10.773	97	3254	1.357 ug/l	#	20
59) 2-Hexanone	10.949	43	4086	3.249 ug/l	#	29
74) N-amyl acetate	12.261	43	11456	2.967 ug/l	#	63
76) 1,2,3-Trichloropropane	12.620	75	101779	45.810 ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.949	105	27498	2.092 ug/l		98
81) trans-1,4-Dichloro-2-b...	12.620	75	101779	105.344 ug/l	#	7
89) n-Butylbenzene	13.796	91	15183	1.134 ug/l	#	1
90) Hexachloroethane	14.102	117	7083	2.502 ug/l	#	17
92) 1,2-Dibromo-3-Chloropr...	14.514	75	506	1.020 ug/l	#	6

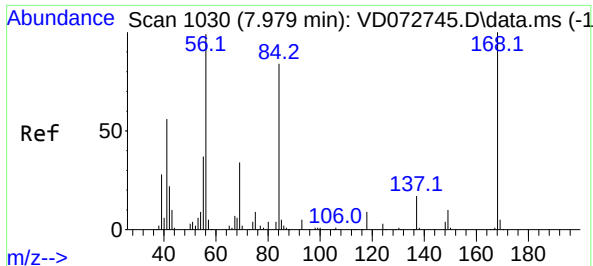
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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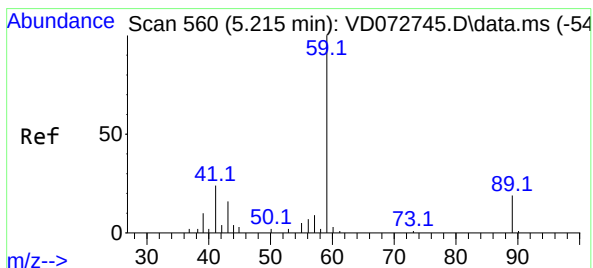
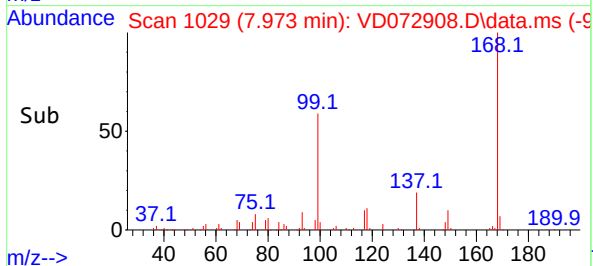
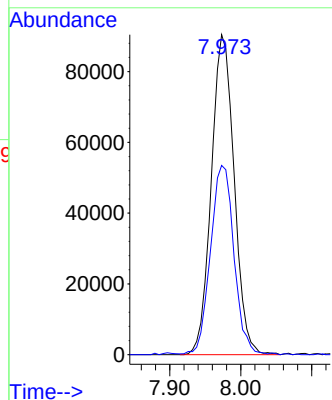
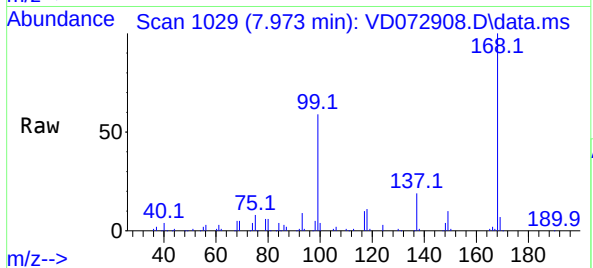




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

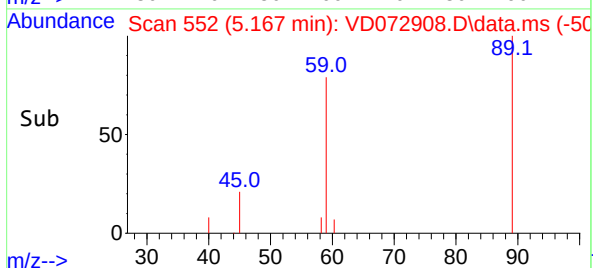
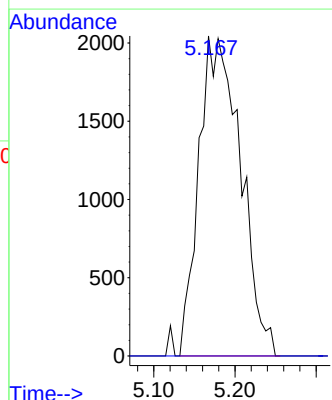
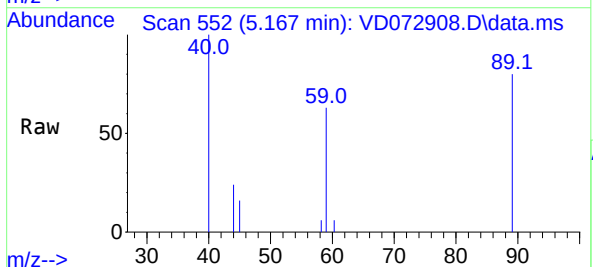
Instrument :
MSVOA_D
ClientSampleId :
124030

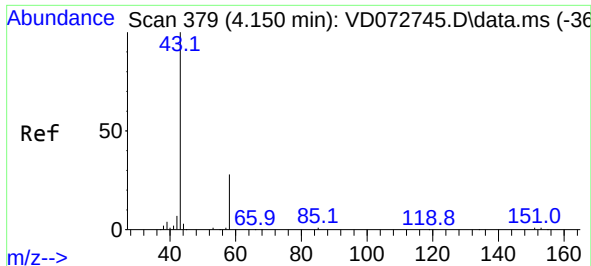
Tgt Ion:168 Resp: 201720
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#11
Tert butyl alcohol
Concen: 32.222 ug/l
RT: 5.167 min Scan# 552
Delta R.T. -0.048 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

Tgt Ion: 59 Resp: 7300
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

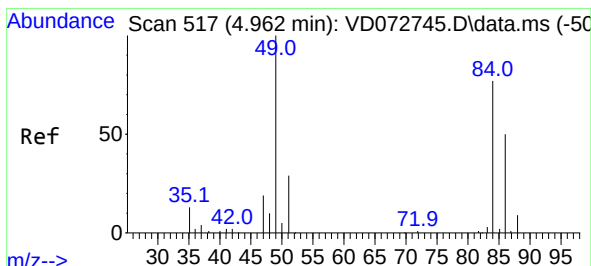
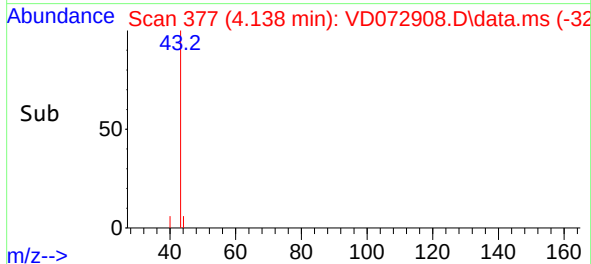
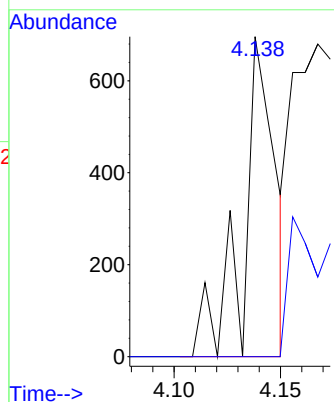
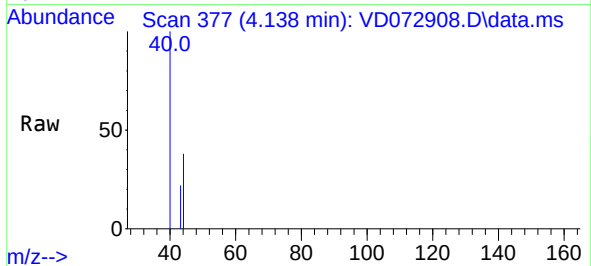




#16
Acetone
Concen: Below Cal
RT: 4.138 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

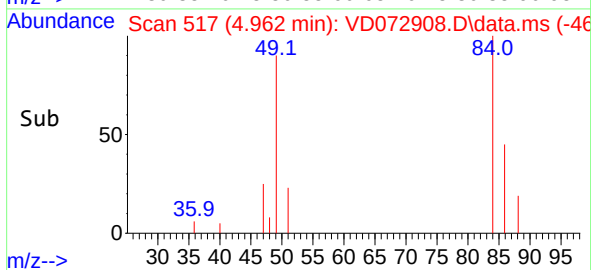
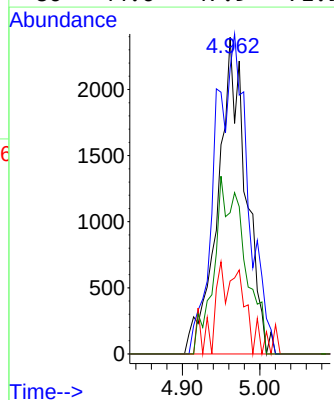
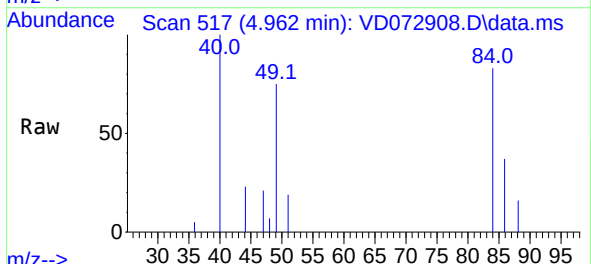
Instrument :
MSVOA_D
ClientSampleId :
124030

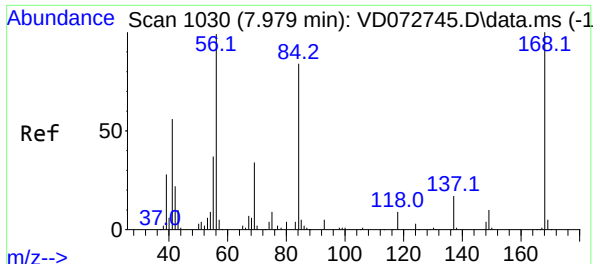
Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

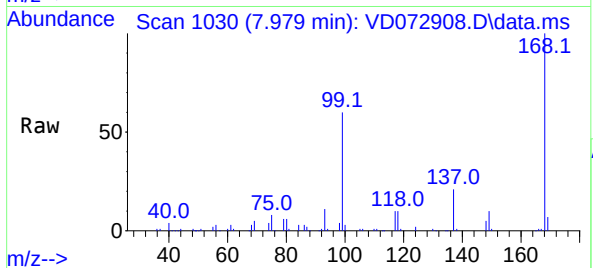
Tgt Ion: 84 Resp: 6088
Ion Ratio Lower Upper
84 100
49 90.2 112.8 169.2#
51 23.0 32.6 48.8#
86 44.6 47.9 71.9#



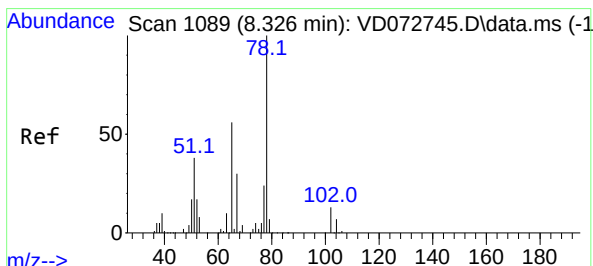
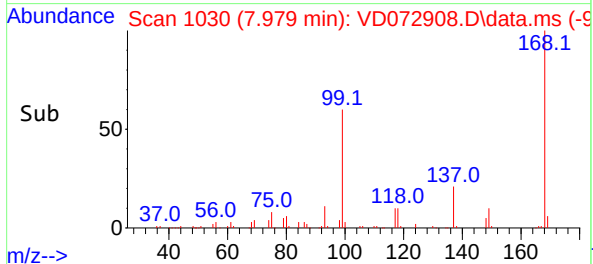
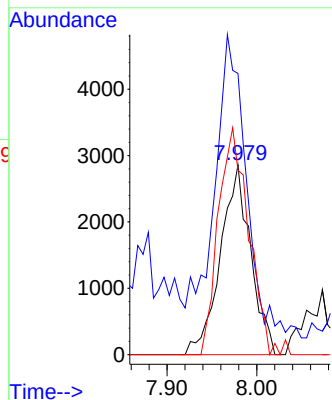


#31
Cyclohexane
Concen: 1.459 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

Instrument :
MSVOA_D
ClientSampleId :
124030

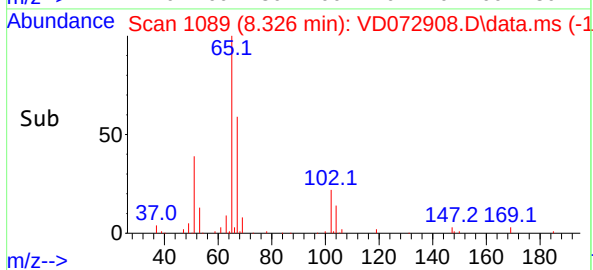
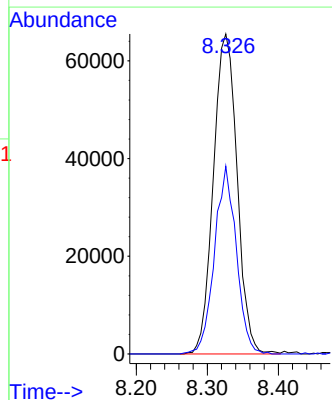
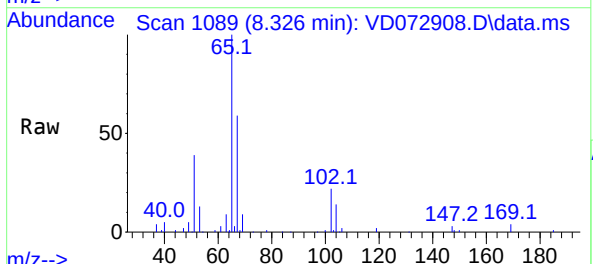


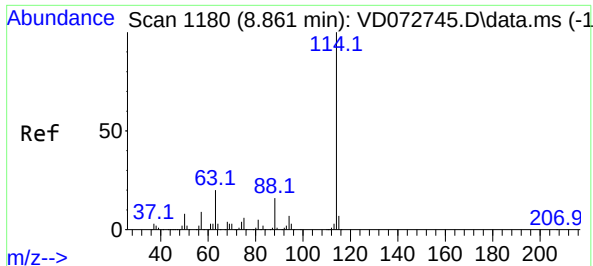
Tgt Ion: 56 Resp: 6678
Ion Ratio Lower Upper
56 100
69 130.2 25.4 38.2#
84 97.1 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 57.979 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

Tgt Ion: 65 Resp: 151817
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.4



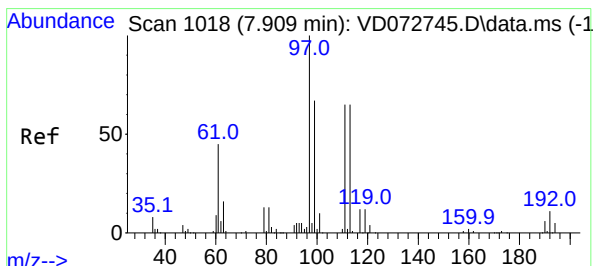
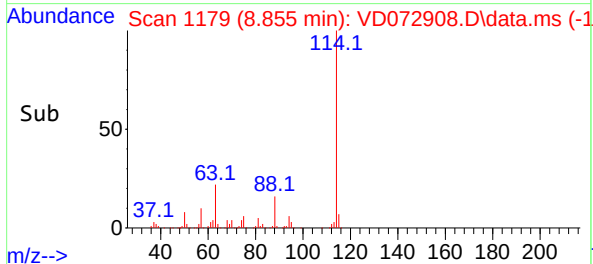
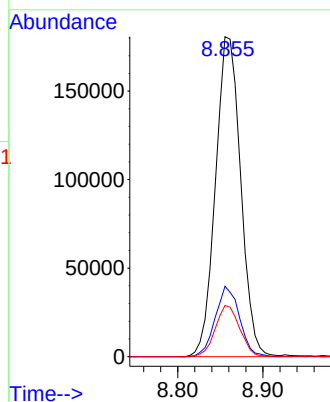
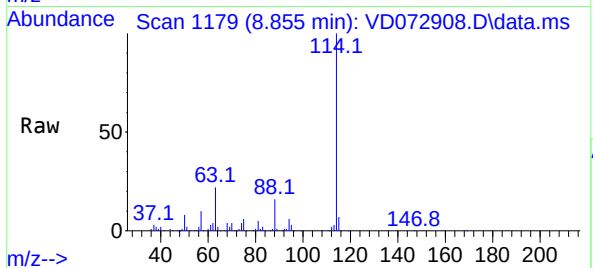


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

Instrument :
MSVOA_D
ClientSampleId :
124030

Tgt Ion:114 Resp: 371158

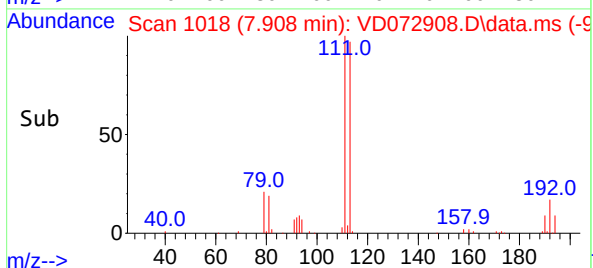
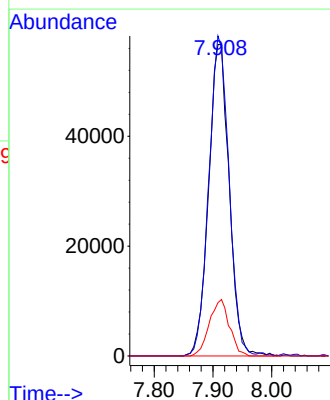
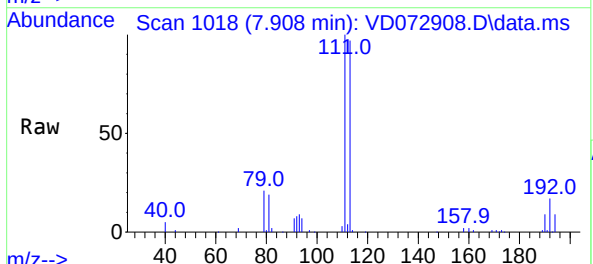
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	46.6
88	16.0	0.0	33.2

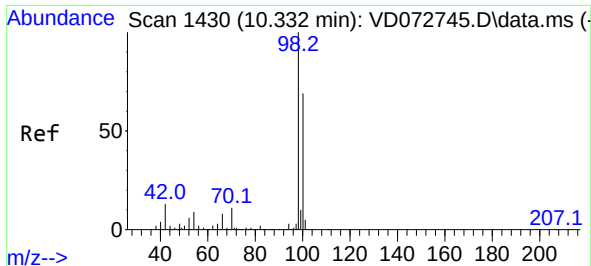


#35
Dibromofluoromethane
Concen: 52.944 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

Tgt Ion:113 Resp: 138007

Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.8	125.6
192	17.7	14.6	21.8

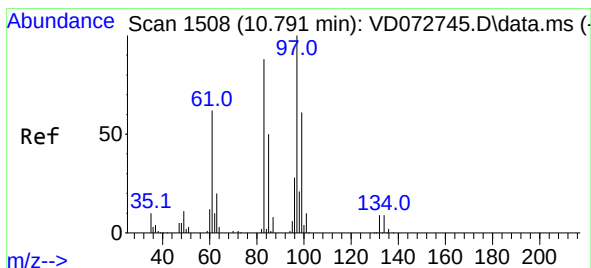
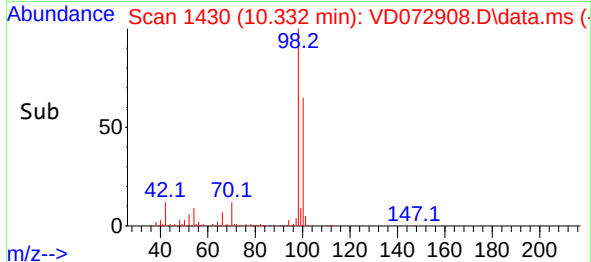
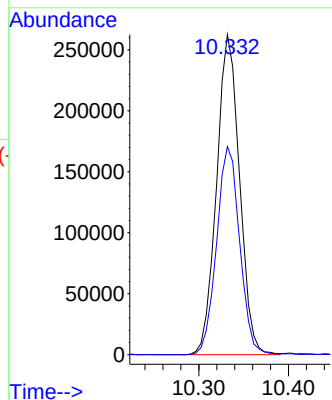
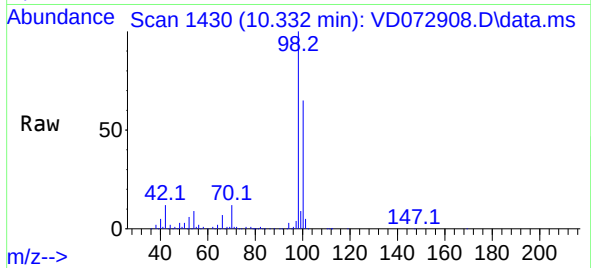




#50
Toluene-d8
Concen: 49.881 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

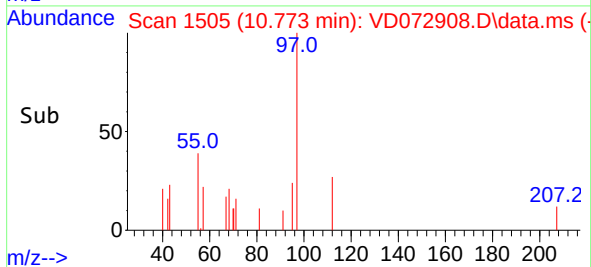
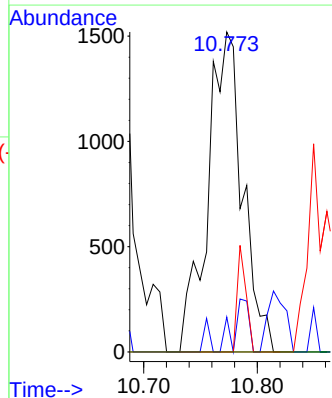
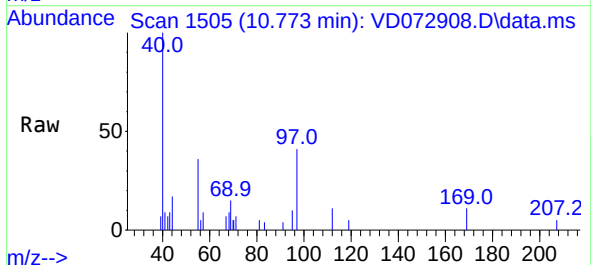
Instrument :
MSVOA_D
ClientSampleId :
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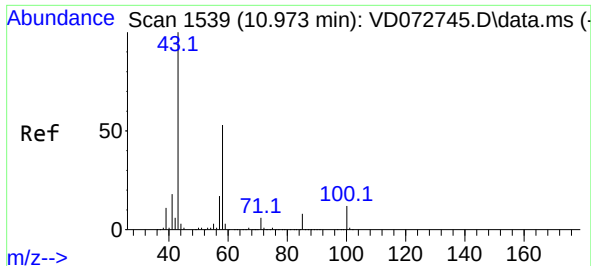
Tgt Ion: 98 Resp: 466409
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#55
1,1,2-Trichloroethane
Concen: 1.357 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.018 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

Tgt Ion: 97 Resp: 3254
Ion Ratio Lower Upper
97 100
83 10.9 69.0 103.4#
85 0.0 42.6 63.8#
99 0.0 51.7 77.5#

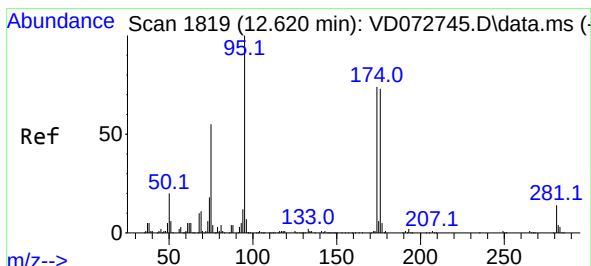
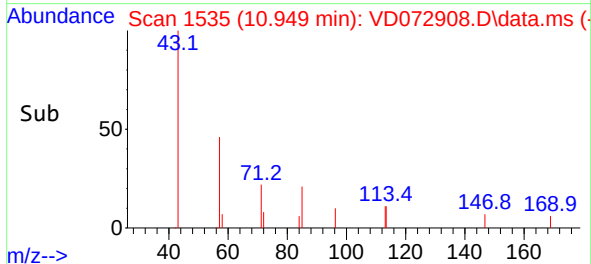
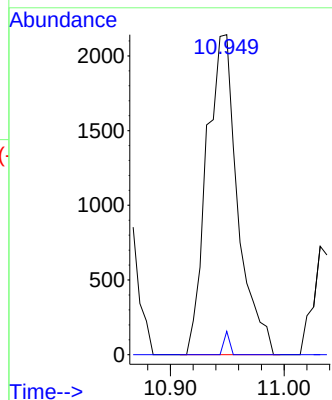
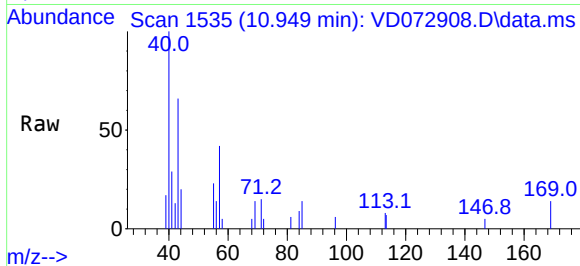




#59
2-Hexanone
Concen: 3.249 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

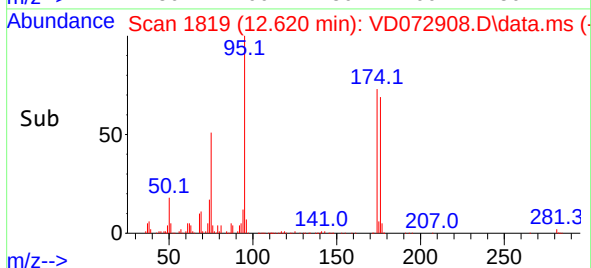
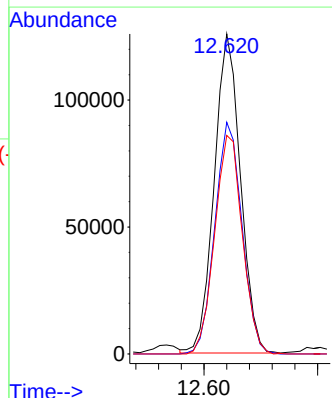
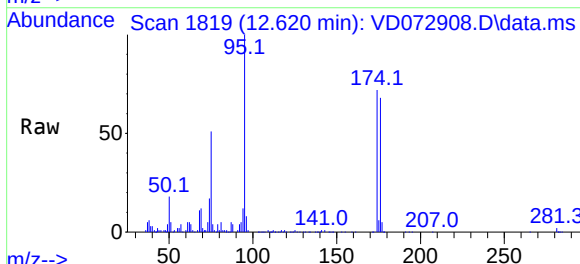
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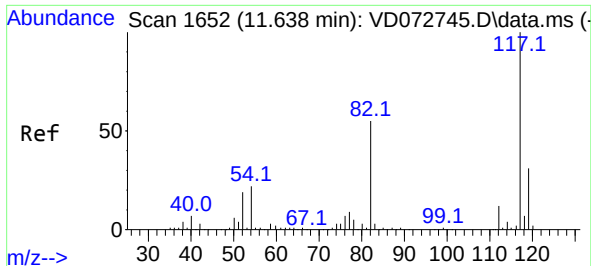
Tgt Ion: 43 Resp: 4086
Ion Ratio Lower Upper
43 100
58 1.3 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 57.829 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

Tgt Ion: 95 Resp: 201622
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 72.3 0.0 145.4

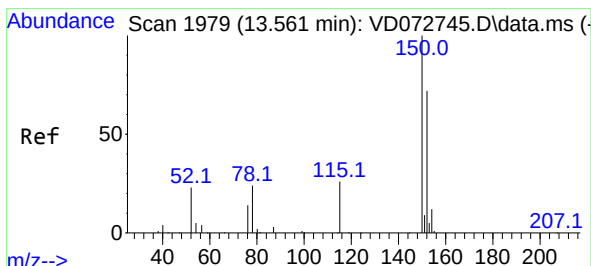
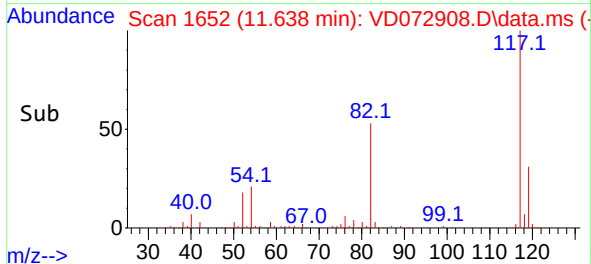
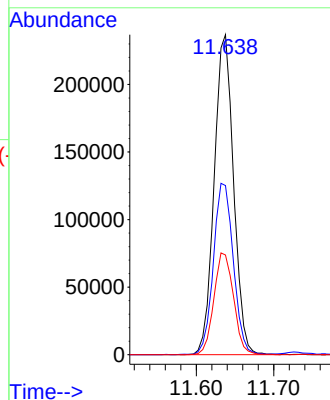
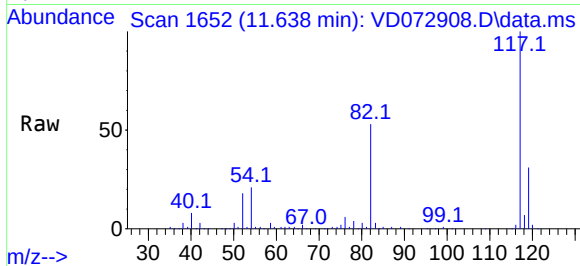




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

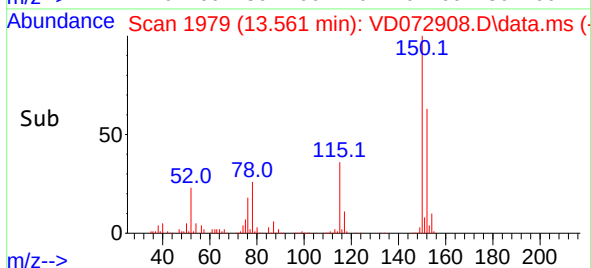
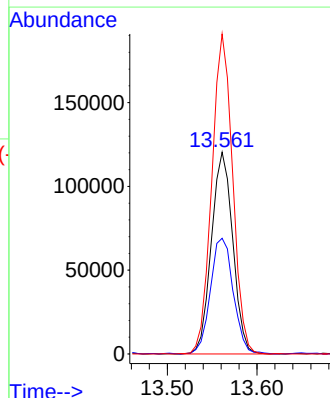
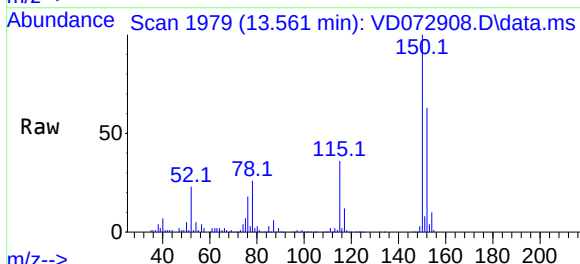
Instrument :
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ClientSampleId :
124030

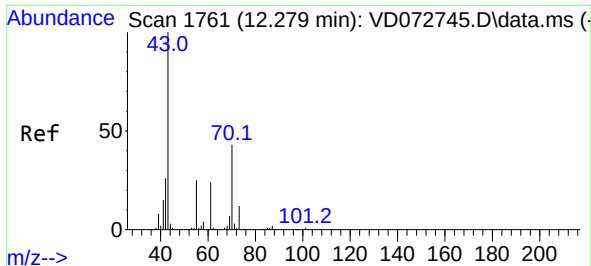
Tgt Ion:117 Resp: 411260
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 31.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

Tgt Ion:152 Resp: 199250
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 154.6 0.0 348.6

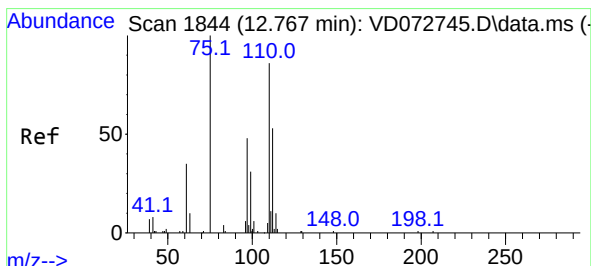
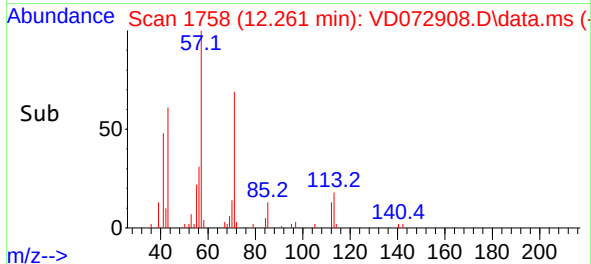
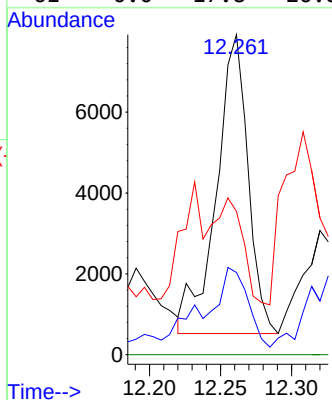
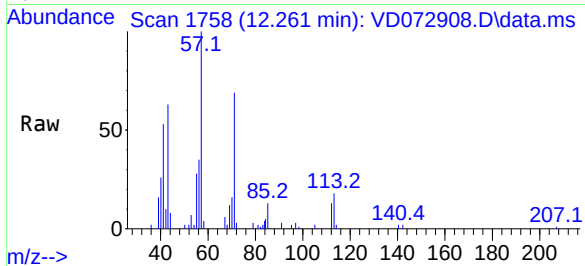




#74
N-amy1 acetate
Concen: 2.967 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

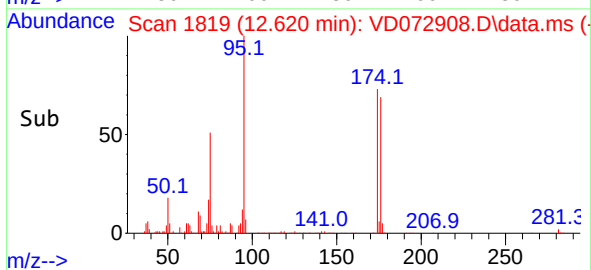
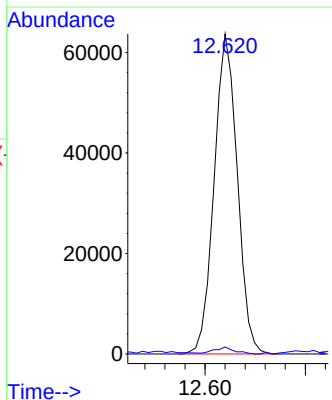
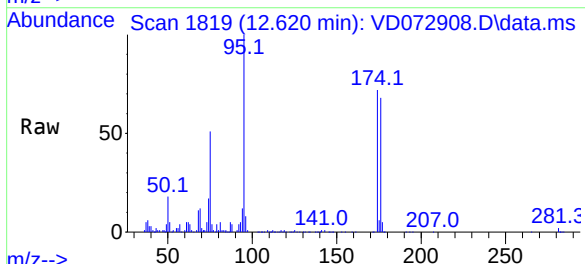
Instrument :
MSVOA_D
ClientSampleId :
124030

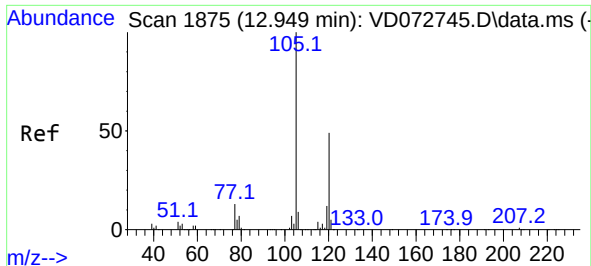
Tgt Ion: 43	Resp: 11456
Ion Ratio	Lower Upper
43 100	
70 25.2	31.3 46.9#
55 0.0	20.0 30.0#
61 0.0	17.8 26.8#



#76
1,2,3-Trichloropropane
Concen: 45.810 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

Tgt Ion: 75	Resp: 101779
Ion Ratio	Lower Upper
75 100	
77 1.9	0.0 0.0#

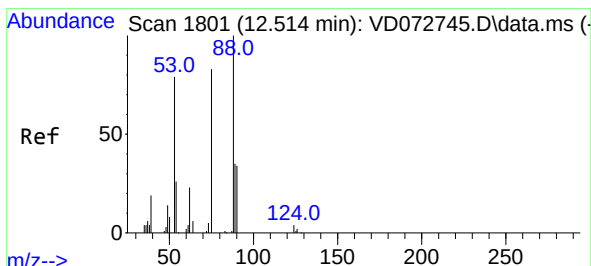
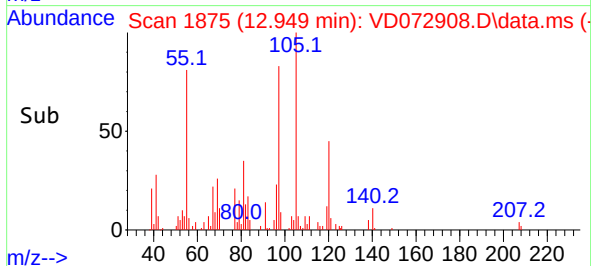
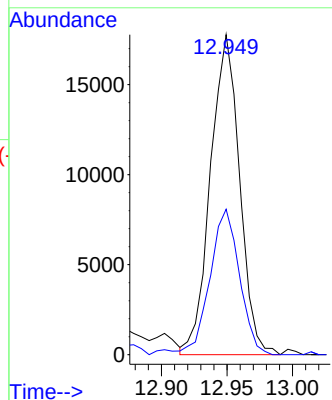
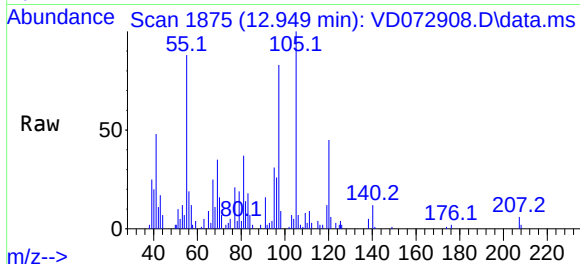




#80
 1,3,5-Trimethylbenzene
 Concen: 2.092 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VD072908.D
 Acq: 10 May 2022 12:15

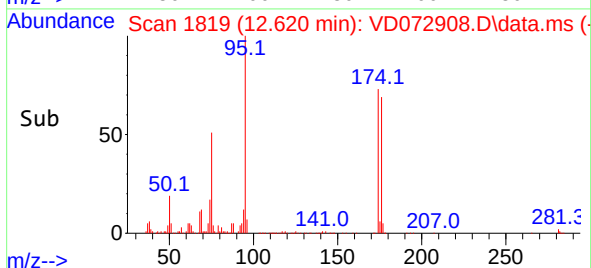
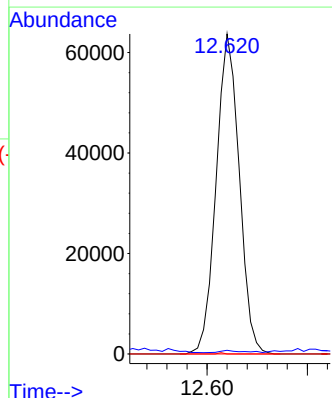
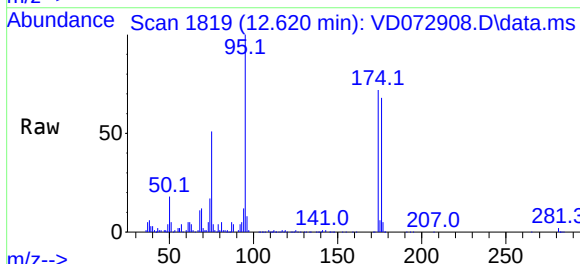
Instrument :
 MSVOA_D
 ClientSampleId :
 124030

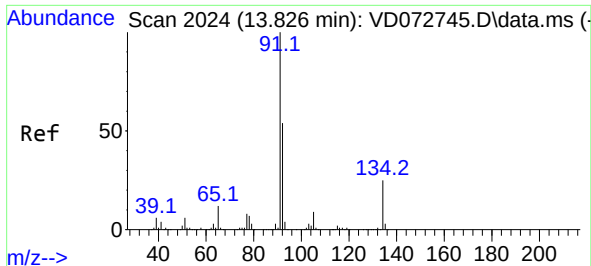
Tgt Ion:105 Resp: 27498
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.344 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD072908.D
 Acq: 10 May 2022 12:15

Tgt Ion: 75 Resp: 101779
 Ion Ratio Lower Upper
 75 100
 53 0.7 86.5 129.7#
 89 0.1 33.9 50.9#

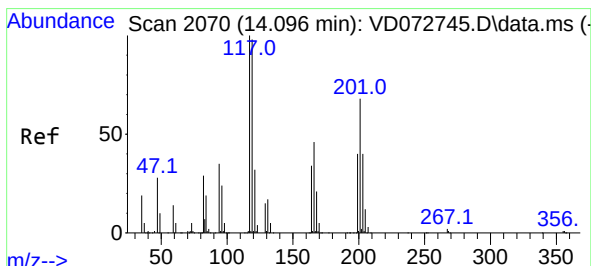
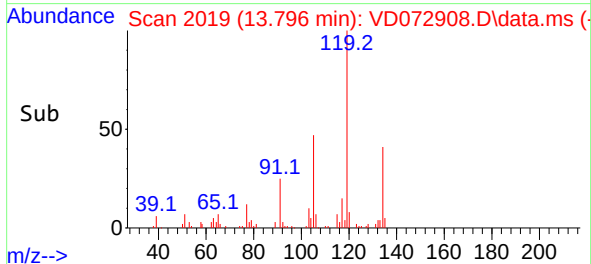
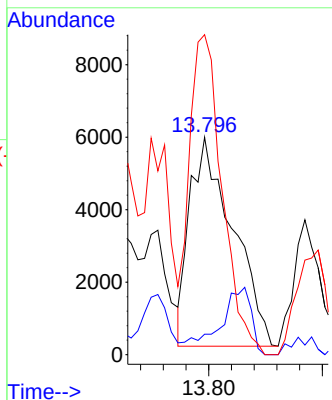
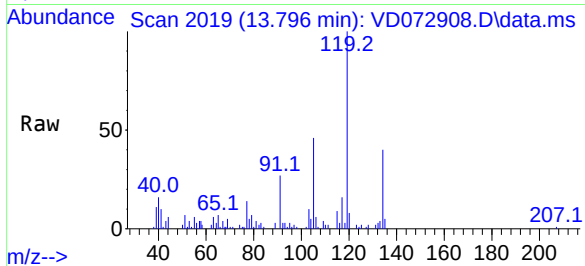




#89
n-Butylbenzene
Concen: 1.134 ug/l
RT: 13.796 min Scan# 2019
Delta R.T. -0.030 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

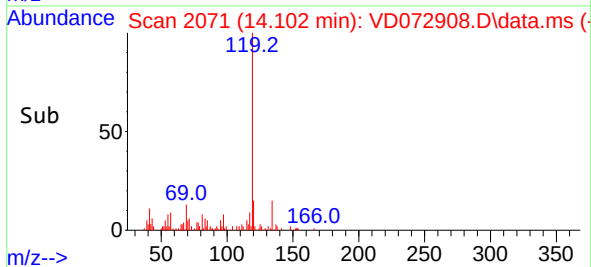
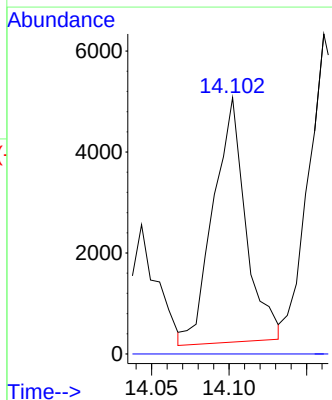
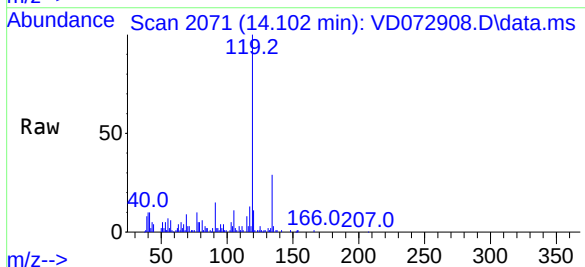
Instrument :
MSVOA_D
ClientSampleId :
124030

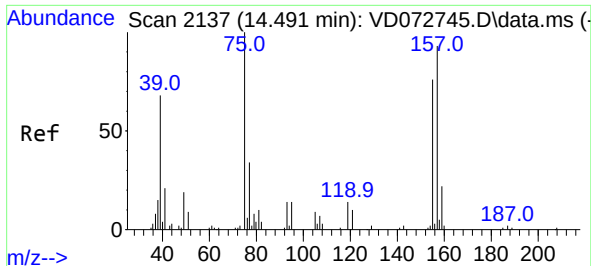
Tgt Ion: 91 Resp: 15183
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.8#
134 116.7 12.3 36.9#



#90
Hexachloroethane
Concen: 2.502 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072908.D
Acq: 10 May 2022 12:15

Tgt Ion: 117 Resp: 7083
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.020 ug/l

RT: 14.514 min Scan# 21

Delta R.T. 0.023 min

Lab File: VD072908.D

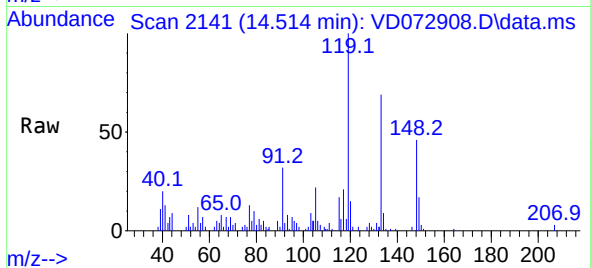
Acq: 10 May 2022 12:15

Instrument :

MSVOA_D

ClientSampleId :

124030



Tgt Ion: 75 Resp: 506

Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

157 0.0 48.4 145.0#

