

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074846.D
 Acq On : 10 Nov 2022 01:20
 Operator : VA/SY
 Sample : N5501-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-4-110722

Quant Time: Nov 10 01:39:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

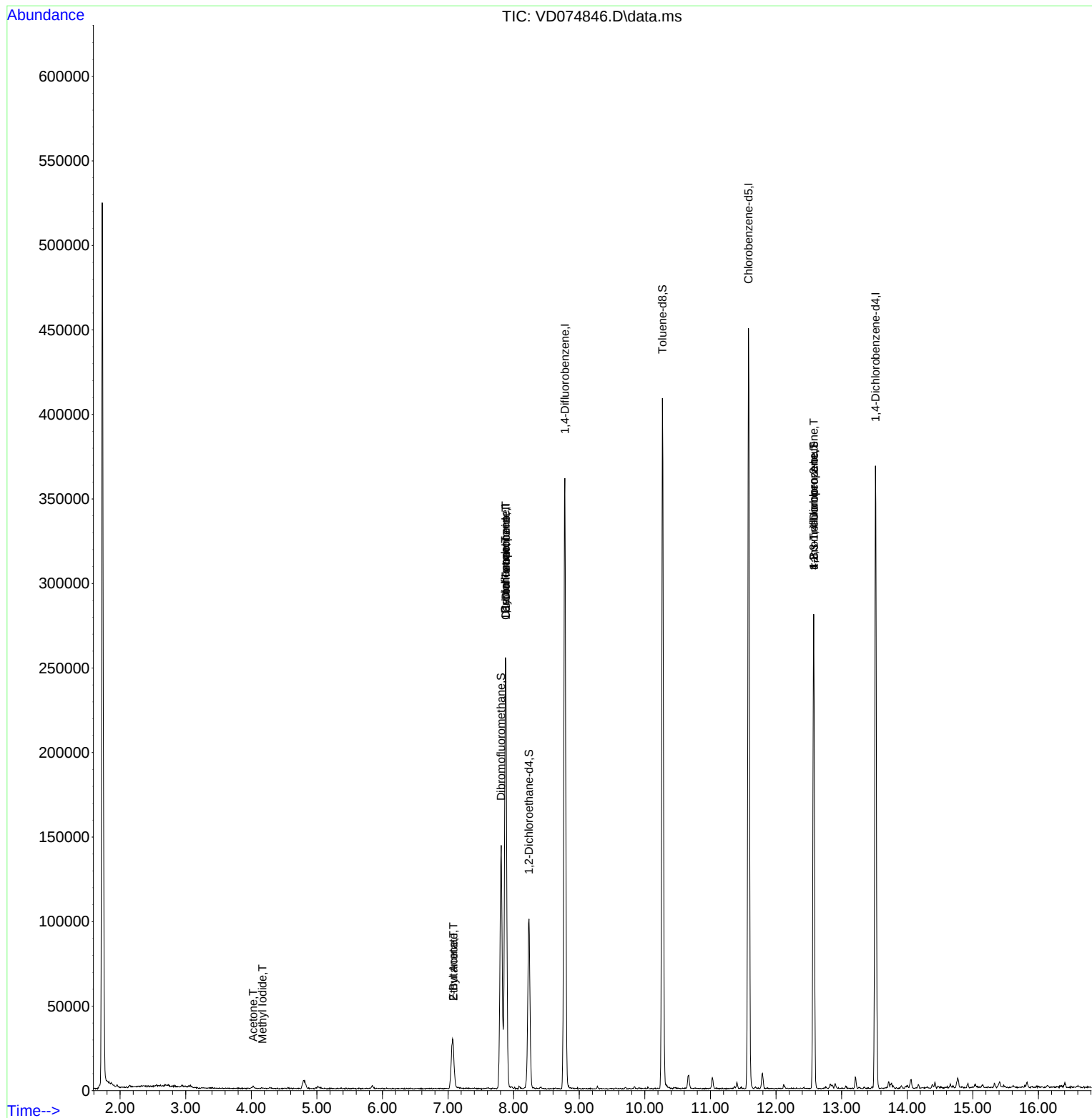
Internal Standards						
1) Pentafluorobenzene	7.875	168	210634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	339700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79943	47.920	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.840%			
35) Dibromofluoromethane	7.810	113	106144	52.822	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.640%			
50) Toluene-d8	10.269	98	289505	39.496	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 79.000%			
62) 4-Bromofluorobenzene	12.575	95	86254	40.755	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.520%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	690	5.768	ug/l #	43
11) Tert butyl alcohol	5.040	59	159	Below Cal	#	84
16) Acetone	4.028	43	1995	5.731	ug/l	95
20) Methylene Chloride	4.793	84	3244	Below Cal		95
25) 2-Butanone	7.081	43	1299	2.714	ug/l	94
31) Cyclohexane	7.875	56	3917	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	14571	4.777	ug/l #	45
37) Ethyl Acetate	7.081	43	1299	1.277	ug/l #	1
38) Carbon Tetrachloride	7.881	117	18837	6.519	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	42434	51.740	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	42434	122.817	ug/l #	17

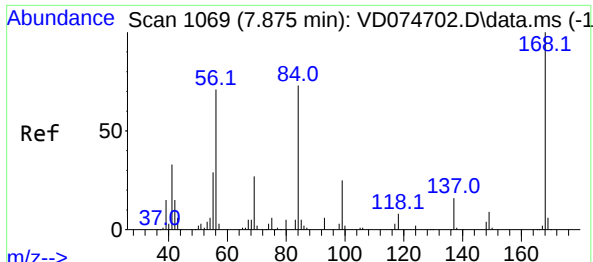
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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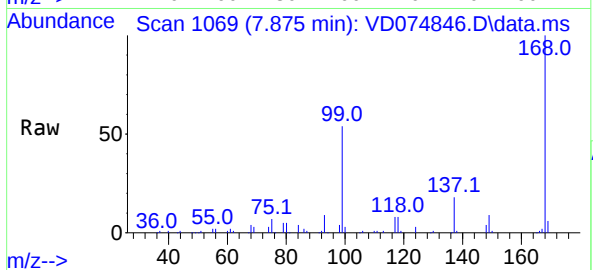
Quant Time: Nov 10 01:39:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
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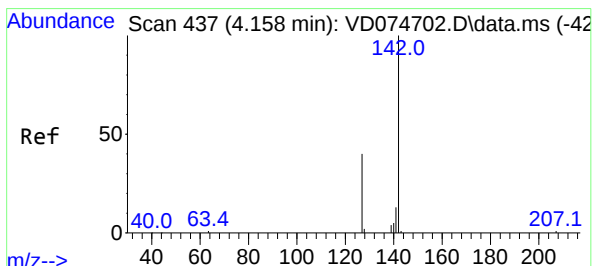
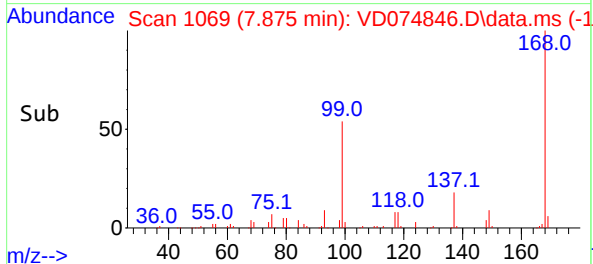
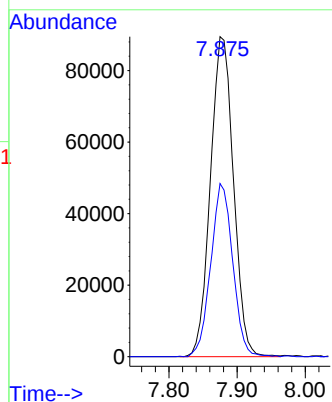


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Instrument :
MSVOA_D
ClientSampleId :
HS-4-110722

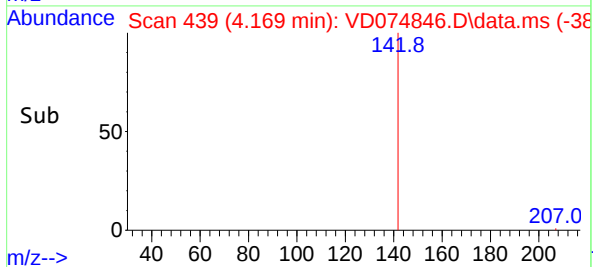
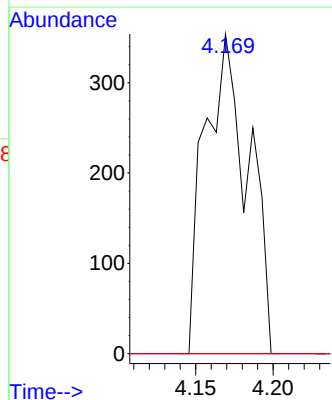
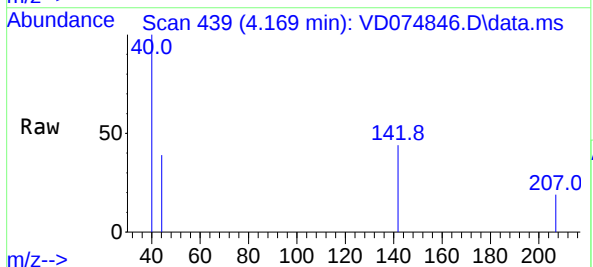


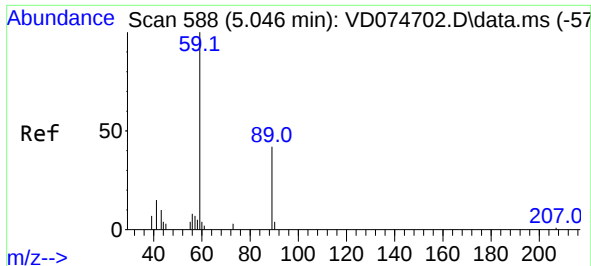
Tgt Ion:168 Resp: 210634
Ion Ratio Lower Upper
168 100
99 54.1 40.9 61.3



#10
Methyl Iodide
Concen: 5.768 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Tgt Ion:142 Resp: 690
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

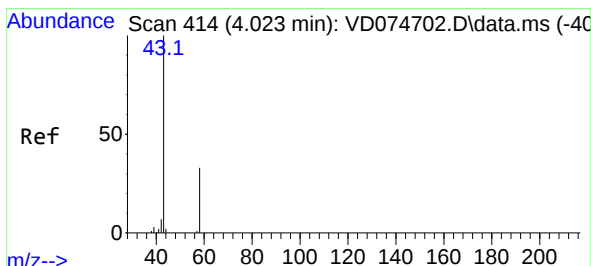
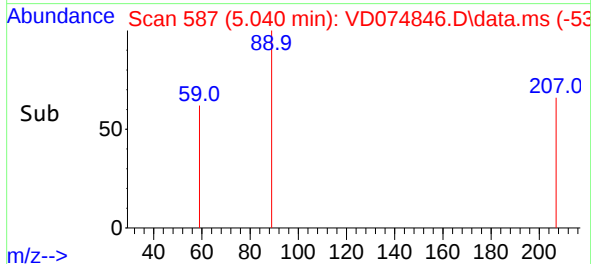
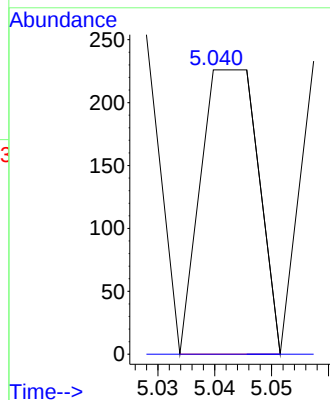
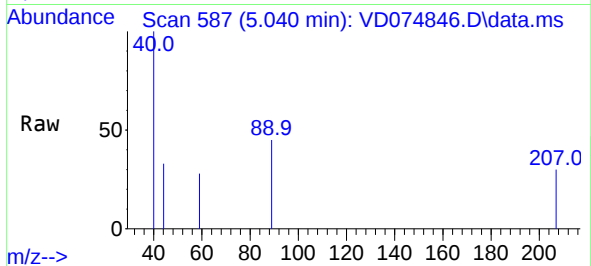




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.040 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

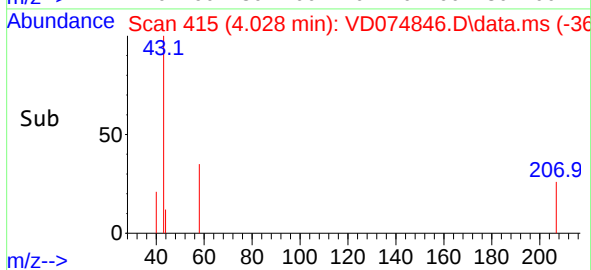
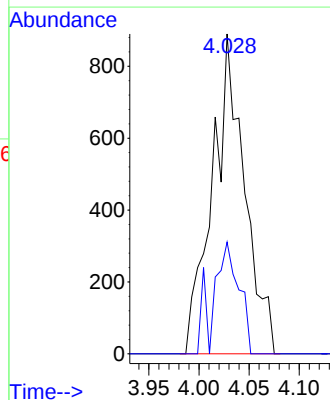
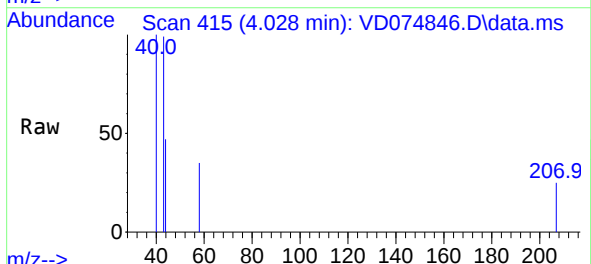
Instrument :
MSVOA_D
ClientSampleId :
HS-4-110722

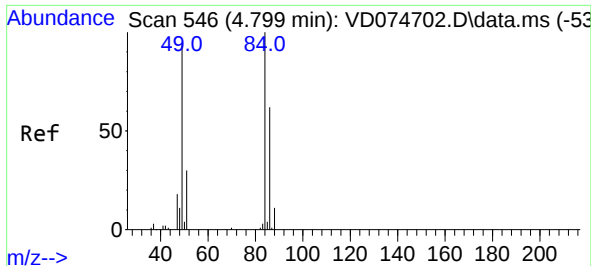
Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 5.731 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Tgt Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
58 34.9 30.2 45.2



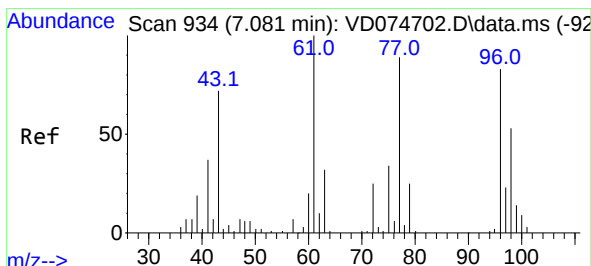
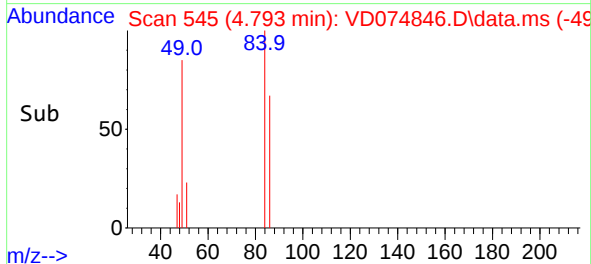
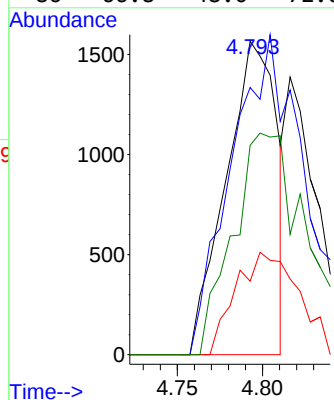
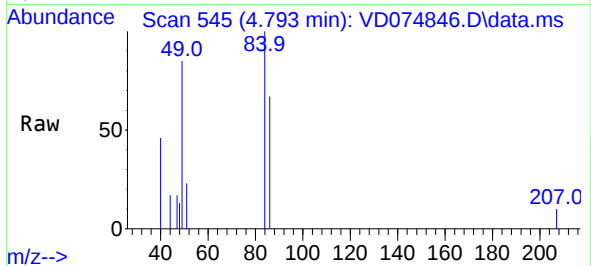


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Instrument :
MSVOA_D
ClientSampleId :
HS-4-110722

Tgt Ion: 84 Resp: 3244

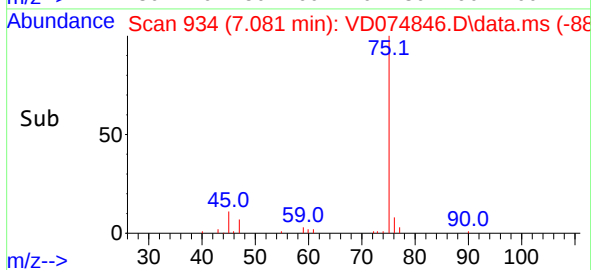
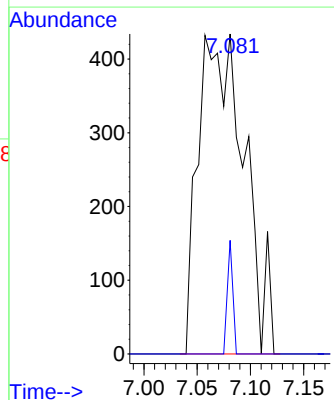
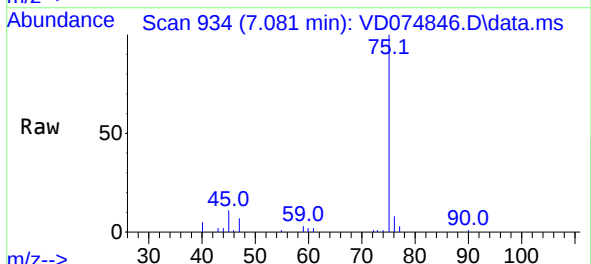
Ion	Ratio	Lower	Upper
84	100		
49	85.2	68.0	102.0
51	23.4	23.2	34.8
86	66.8	48.0	72.0

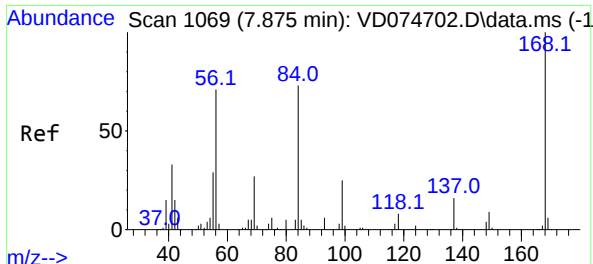


#25
2-Butanone
Concen: 2.714 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Tgt Ion: 43 Resp: 1299

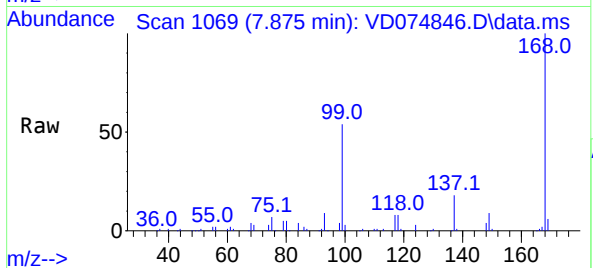
Ion	Ratio	Lower	Upper
43	100		
72	35.5	25.8	38.8



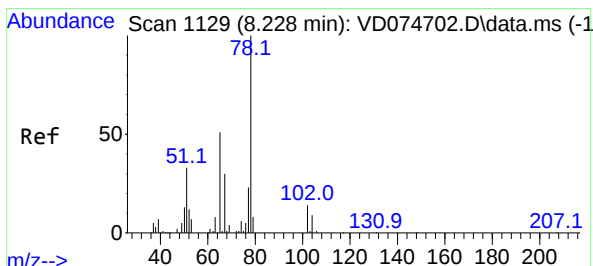
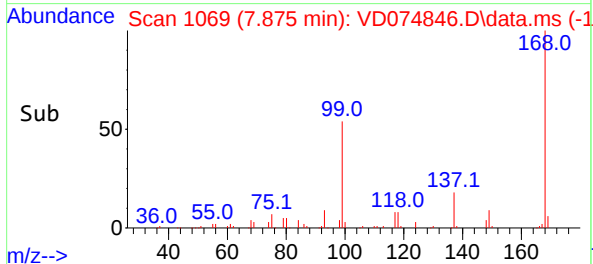
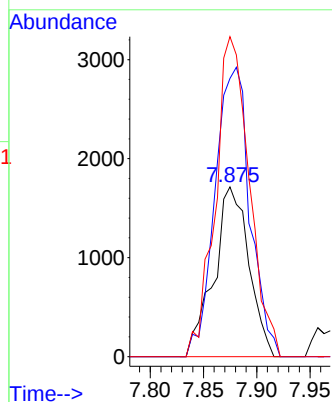


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Instrument :
MSVOA_D
ClientSampleId :
HS-4-110722

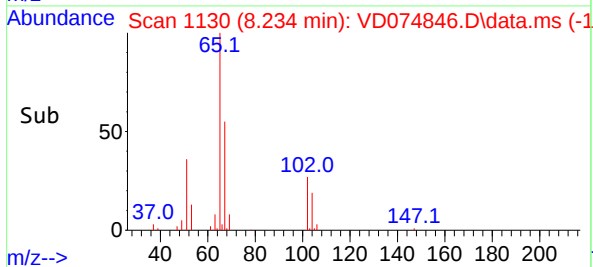
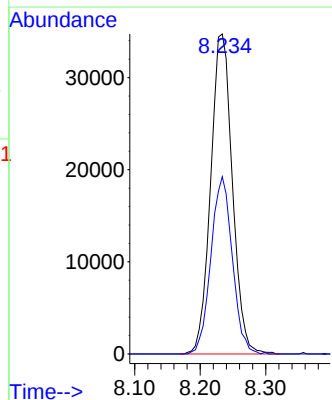
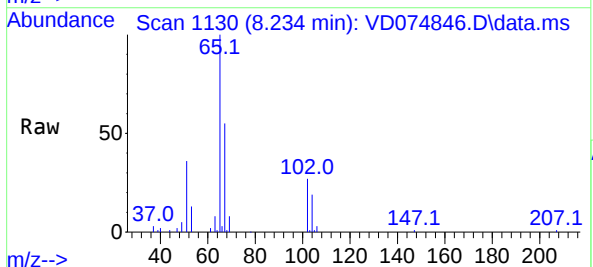


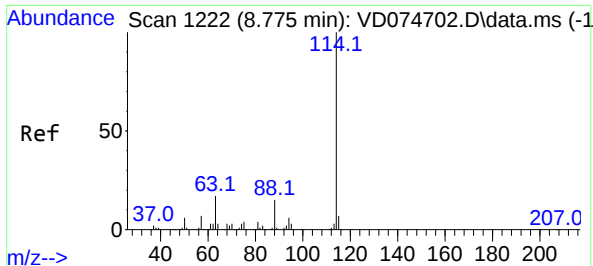
Tgt Ion: 56 Resp: 3917
Ion Ratio Lower Upper
56 100
69 164.0 29.2 43.8#
84 188.6 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 47.920 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Tgt Ion: 65 Resp: 79943
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074846.D

Acq: 10 Nov 2022 01:20

Instrument :

MSVOA_D

ClientSampleId :

HS-4-110722

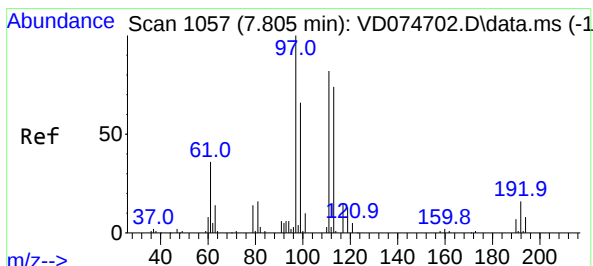
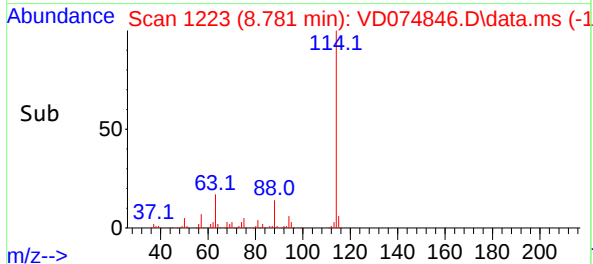
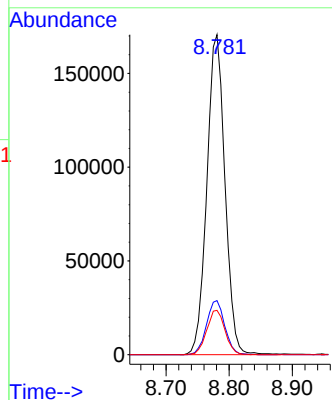
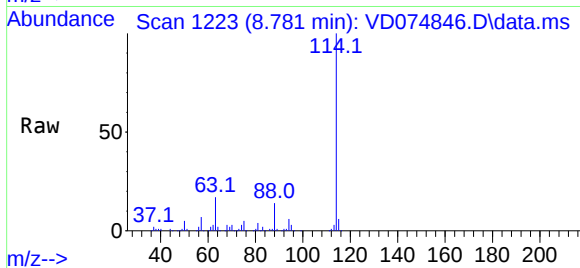
Tgt Ion:114 Resp: 339700

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 52.822 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074846.D

Acq: 10 Nov 2022 01:20

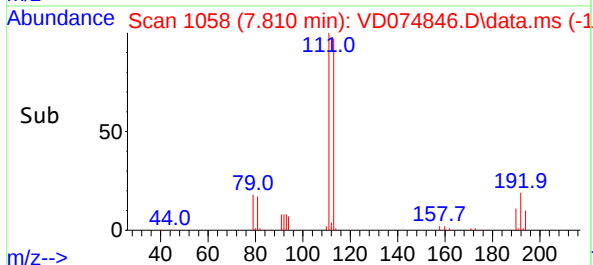
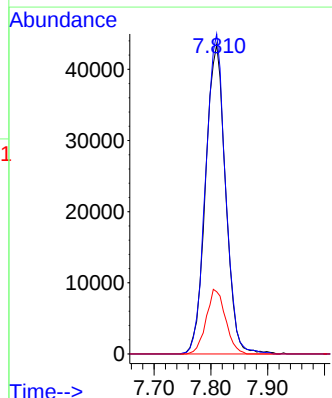
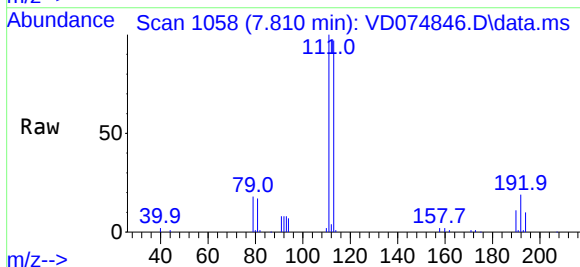
Tgt Ion:113 Resp: 106144

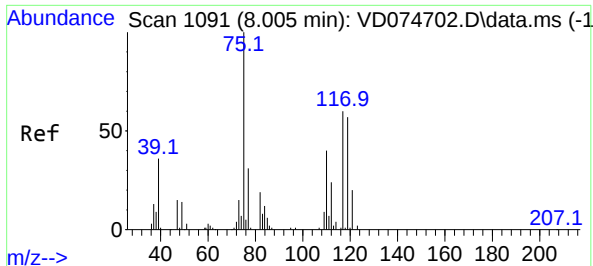
Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 20.2 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.777 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.124 min

Lab File: VD074846.D

Acq: 10 Nov 2022 01:20

Instrument :

MSVOA_D

ClientSampleId :

HS-4-110722

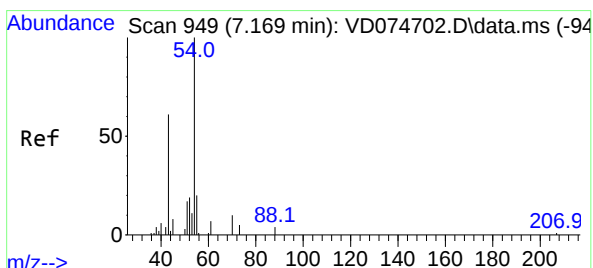
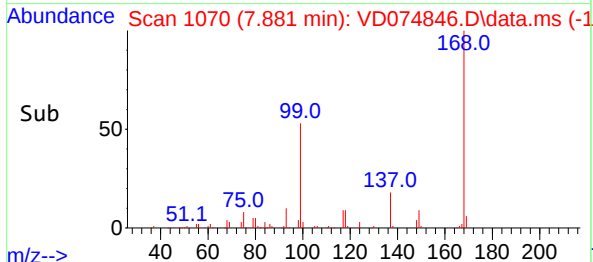
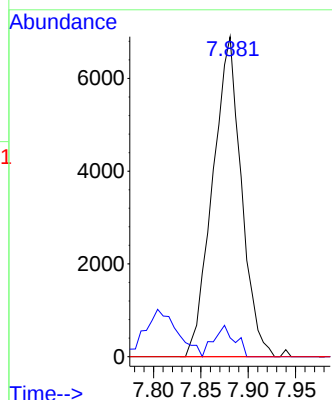
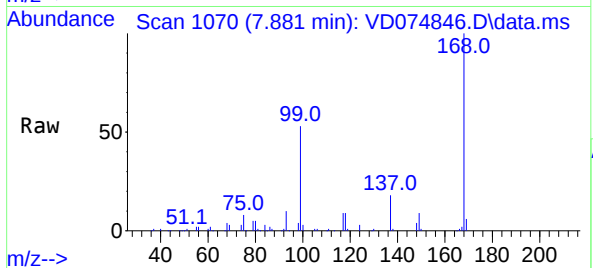
Tgt Ion: 75 Resp: 14571

Ion Ratio Lower Upper

75 100

110 7.1 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 1.277 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.088 min

Lab File: VD074846.D

Acq: 10 Nov 2022 01:20

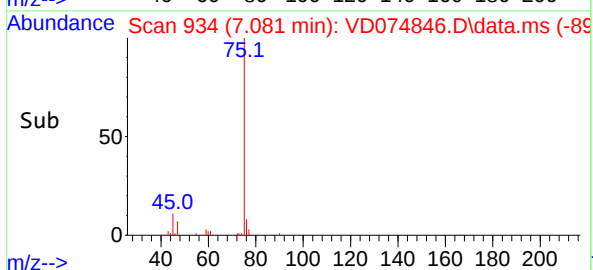
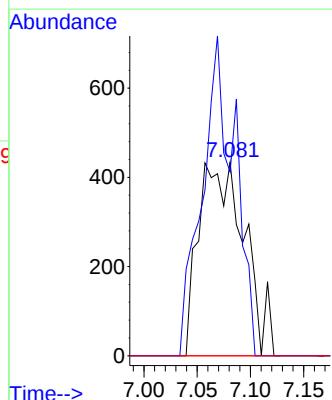
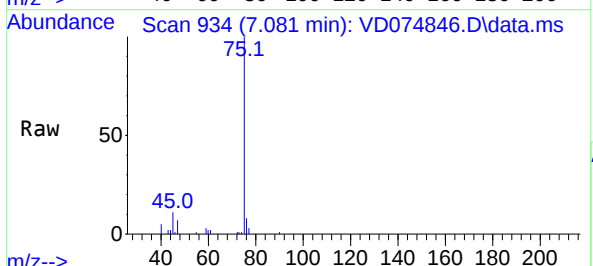
Tgt Ion: 43 Resp: 1299

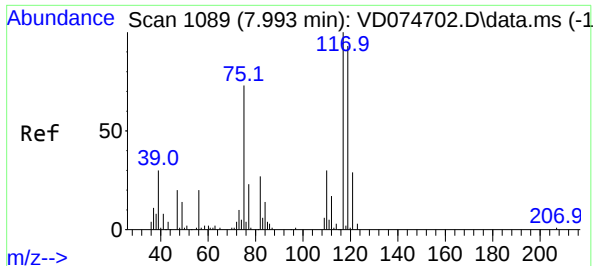
Ion Ratio Lower Upper

43 100

61 117.0 12.2 18.4#

70 0.0 9.6 14.4#

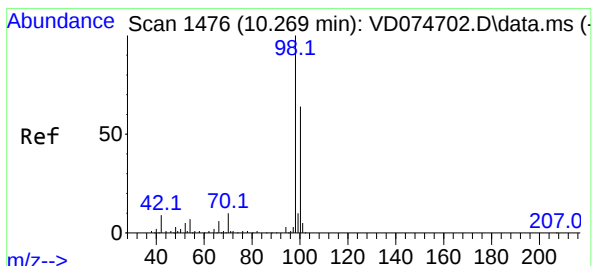
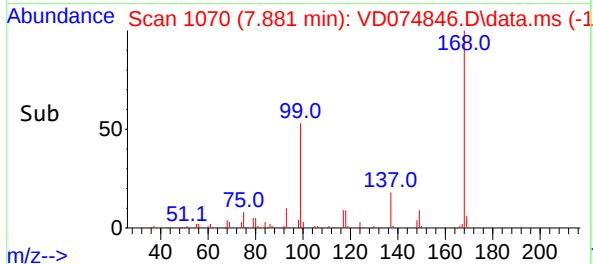
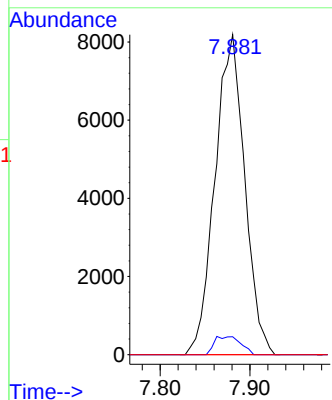
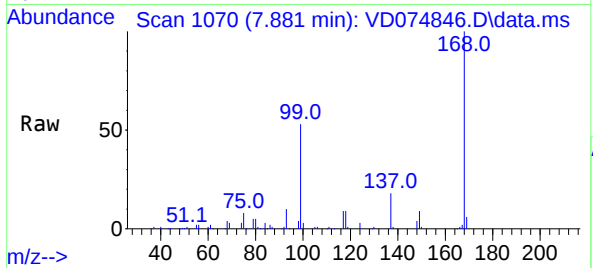




#38
Carbon Tetrachloride
Concen: 6.519 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

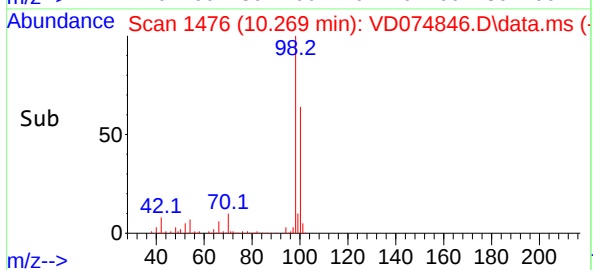
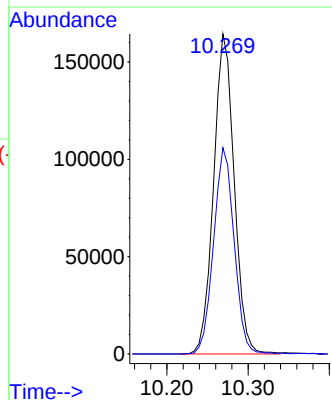
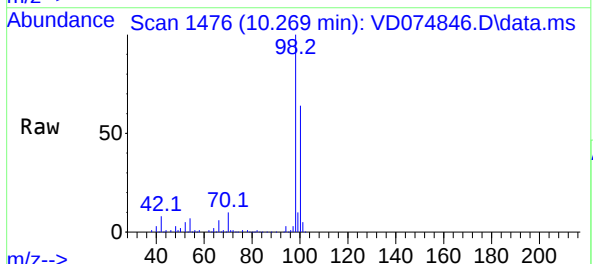
Instrument :
MSVOA_D
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HS-4-110722

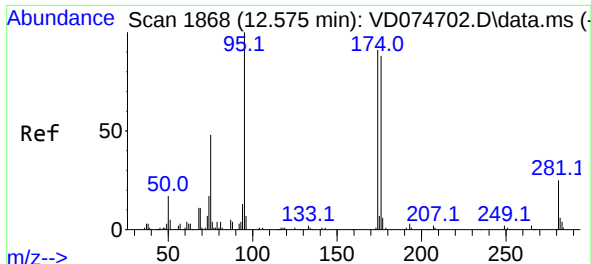
Tgt Ion:117 Resp: 18837
Ion Ratio Lower Upper
117 100
119 5.6 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 39.496 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Tgt Ion: 98 Resp: 289505
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0

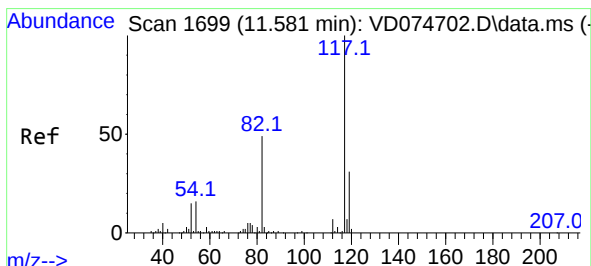
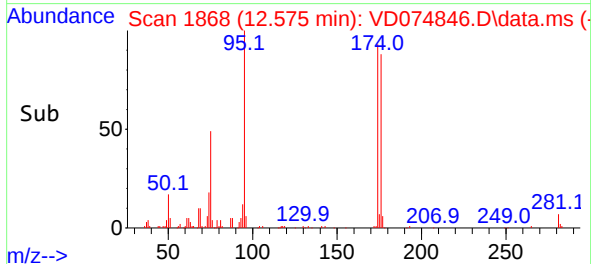
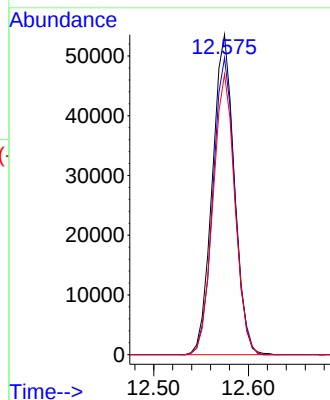
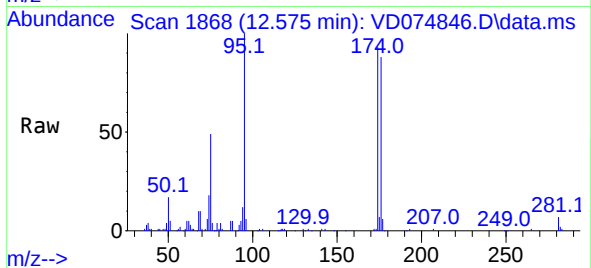




#62
4-Bromofluorobenzene
Concen: 40.755 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

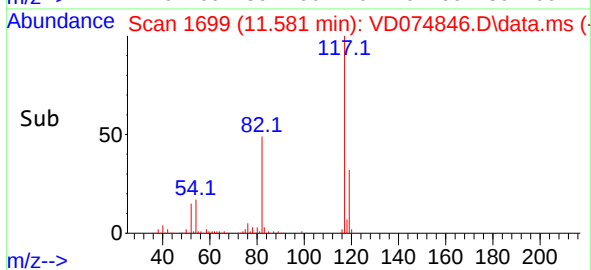
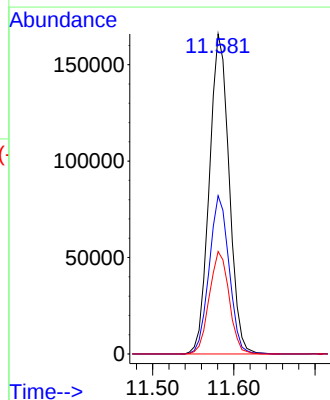
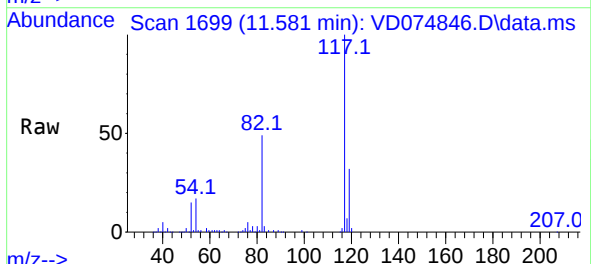
Instrument :
MSVOA_D
ClientSampleId :
HS-4-110722

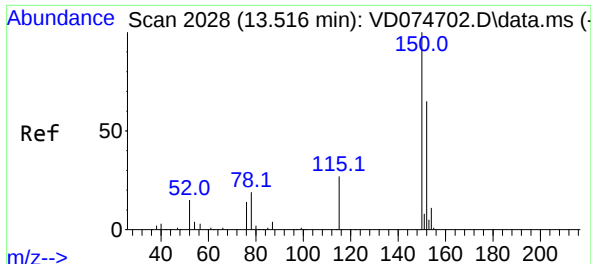
Tgt Ion: 95 Resp: 86254
Ion Ratio Lower Upper
95 100
174 92.0 0.0 197.0
176 87.4 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

Tgt Ion: 117 Resp: 280705
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 32.0 25.2 37.8

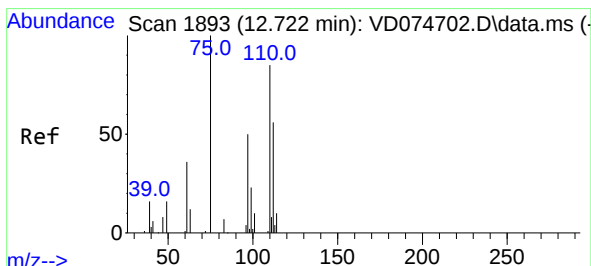
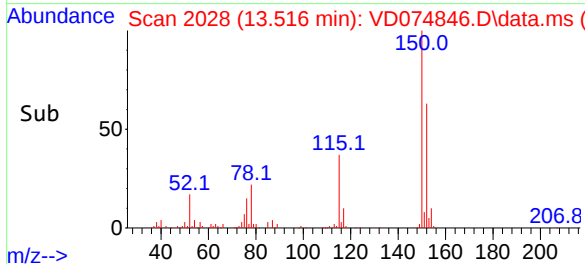
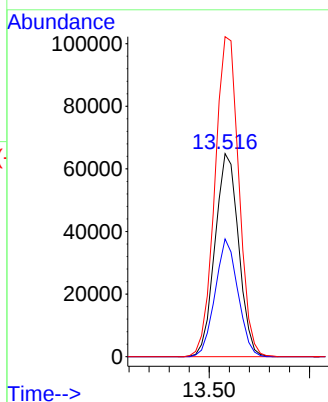
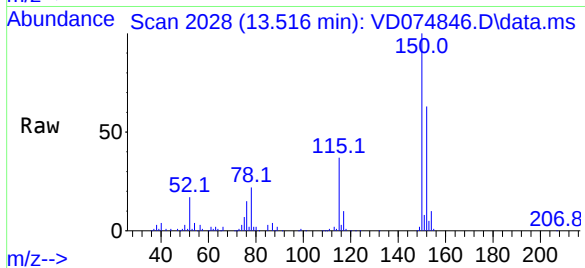




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

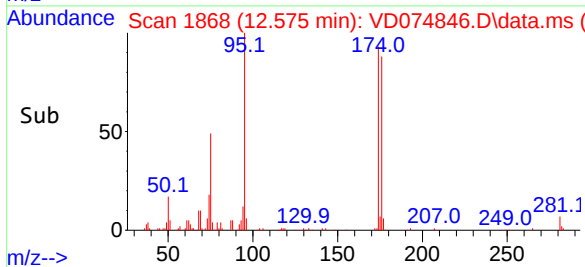
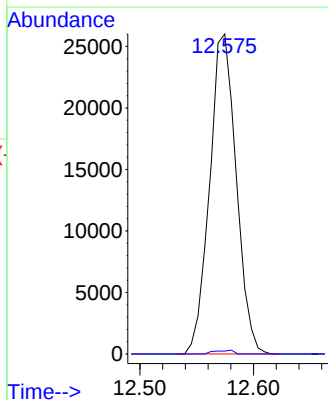
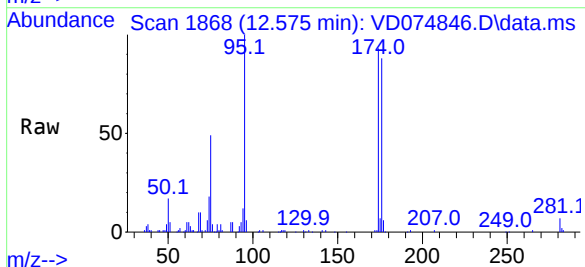
Instrument :
MSVOA_D
ClientSampleId :
HS-4-110722

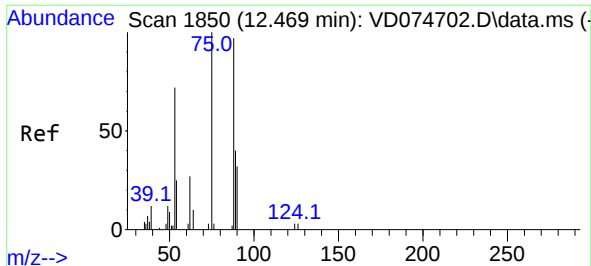
Tgt Ion:152 Resp: 105797
Ion Ratio Lower Upper
152 100
115 56.1 26.8 80.4
150 159.8 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 51.740 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074846.D
Acq: 10 Nov 2022 01:20

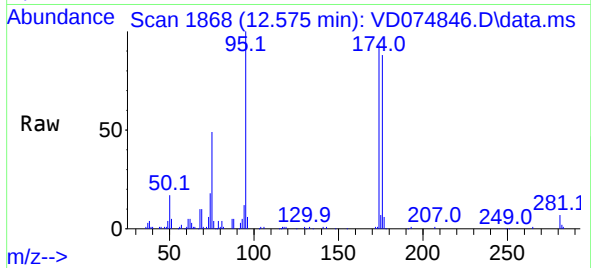
Tgt Ion: 75 Resp: 42434
Ion Ratio Lower Upper
75 100
77 0.8 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.817 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074846.D
 Acq: 10 Nov 2022 01:20

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-4-110722



Tgt Ion:	75	Resp:	42434
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

