

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074845.D
 Acq On : 10 Nov 2022 00:52
 Operator : VA/SY
 Sample : N5501-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HS-3-110722

Quant Time: Nov 10 01:38:56 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)

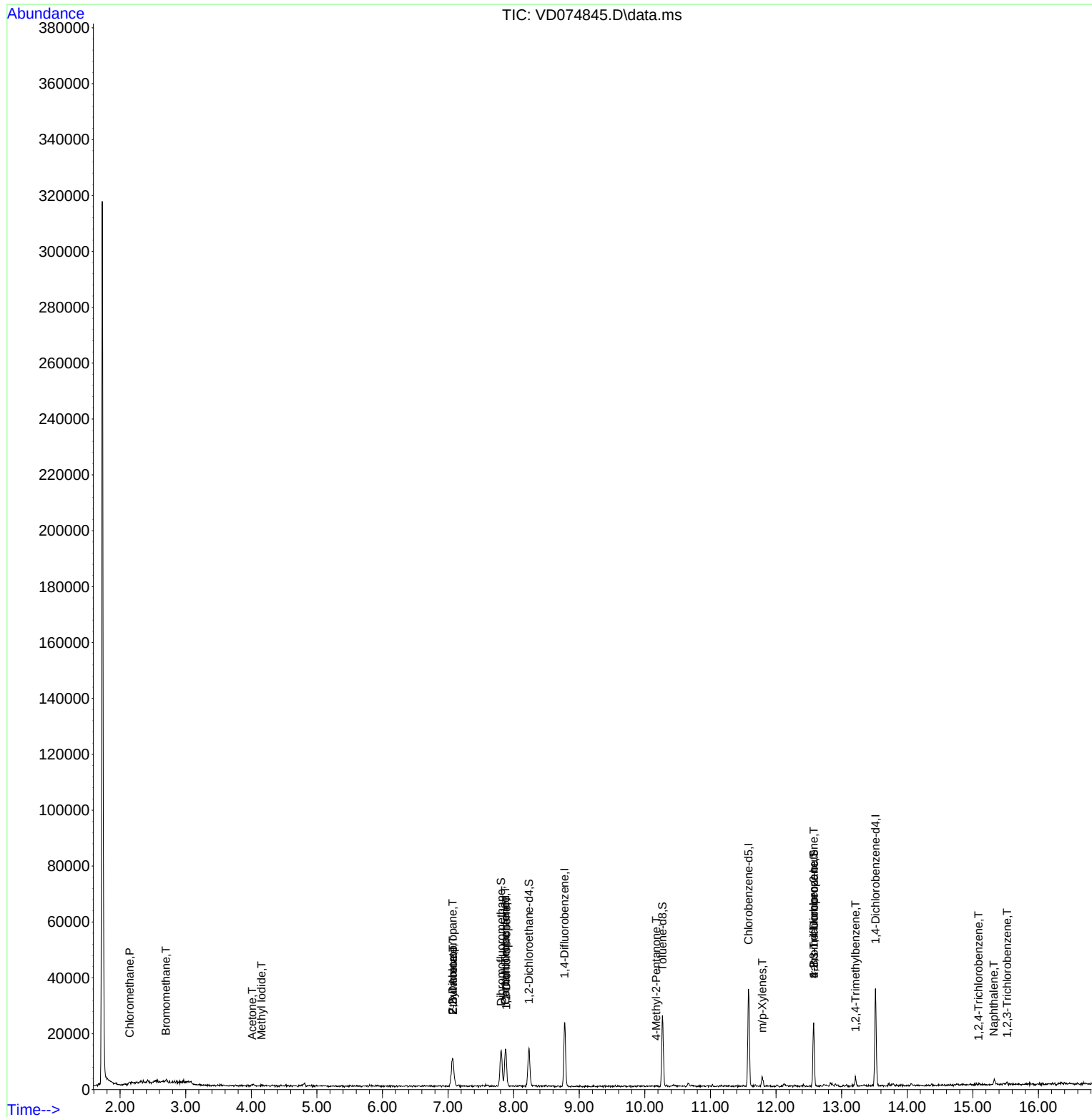
Internal Standards						
1) Pentafluorobenzene	7.875	168	12518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	21936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	22253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	11444	115.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 230.860%#	
35) Dibromofluoromethane	7.810	113	9795	75.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 150.980%#	
50) Toluene-d8	10.269	98	19291	40.756	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.520%	
62) 4-Bromofluorobenzene	12.574	95	7824	57.250	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	587	3.578	ug/l #	37
5) Bromomethane	2.698	94	684	5.018	ug/l	96
10) Methyl Iodide	4.157	142	536	8.323	ug/l #	43
16) Acetone	4.016	43	872	42.146	ug/l #	37
20) Methylene Chloride	4.810	84	449	Below Cal	#	81
25) 2-Butanone	7.075	43	314	11.038	ug/l #	42
26) 2,2-Dichloropropane	7.069	77	601	2.900	ug/l #	50
36) 1,1-Dichloropropene	7.886	75	691	3.508	ug/l #	39
37) Ethyl Acetate	7.075	43	314	4.779	ug/l #	1
38) Carbon Tetrachloride	7.875	117	1089	5.836	ug/l #	14
51) 4-Methyl-2-Pentanone	10.175	43	60	1.012	ug/l #	29
68) m/p-Xylenes	11.792	106	1414	4.561	ug/l	86
76) 1,2,3-Trichloropropane	12.574	75	3553	42.348	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.574	75	3553	100.523	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.210	105	2455	3.857	ug/l	94
93) 1,2,4-Trichlorobenzene	15.086	180	405	2.040	ug/l #	76
95) Naphthalene	15.321	128	2378	6.236	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.521	180	499	2.856	ug/l #	39

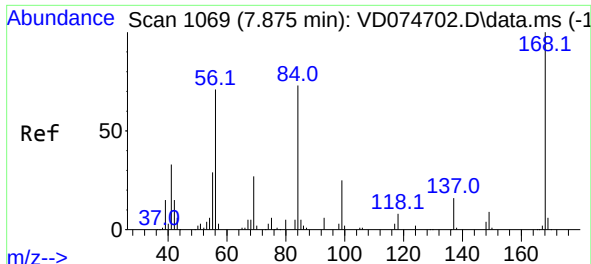
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
Data File : VD074845.D
Acq On : 10 Nov 2022 00:52
Operator : VA/SY
Sample : N5501-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

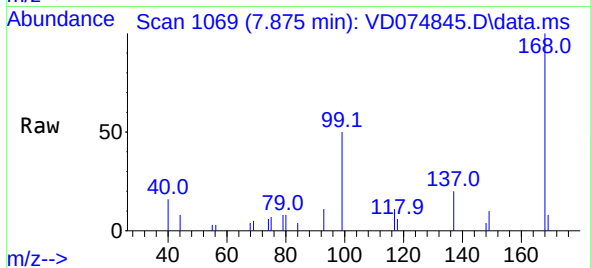
Quant Time: Nov 10 01:38:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration



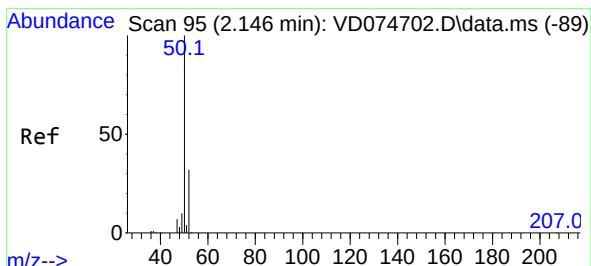
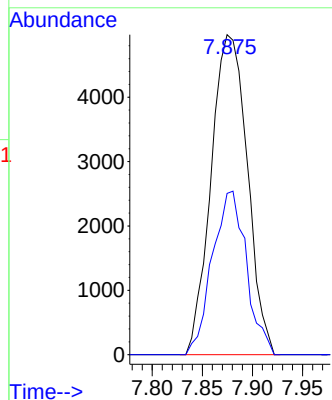
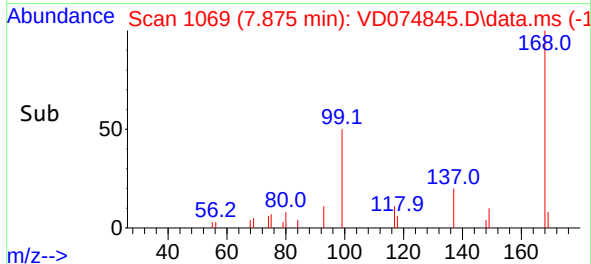


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

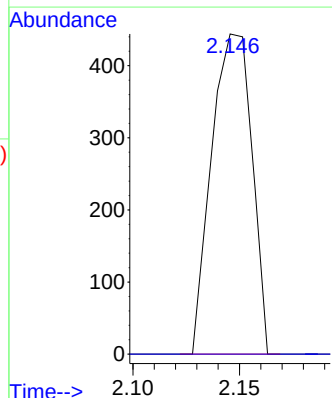
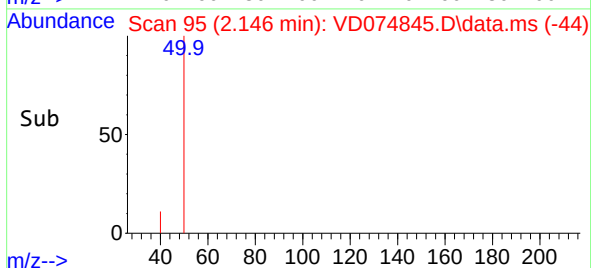
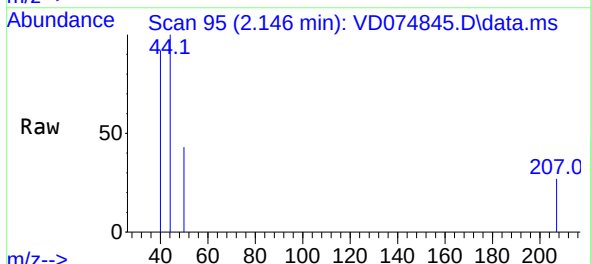


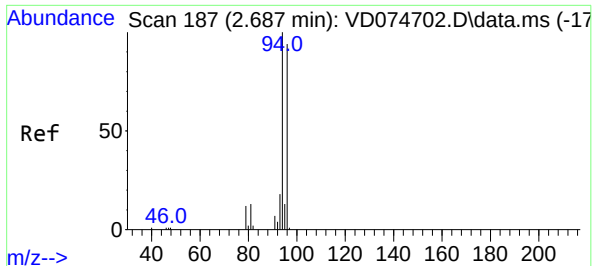
Tgt Ion:168 Resp: 12518
Ion Ratio Lower Upper
168 100
99 50.4 40.9 61.3



#3
Chloromethane
Concen: 3.578 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Tgt Ion: 50 Resp: 587
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

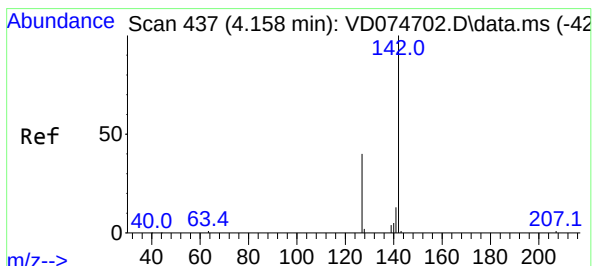
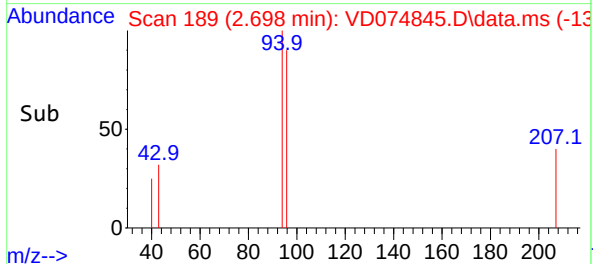
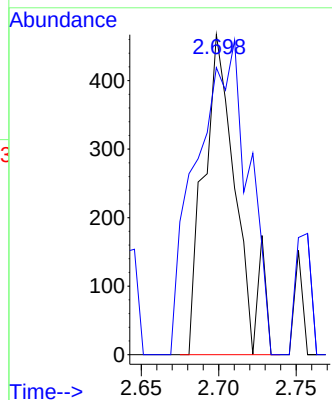
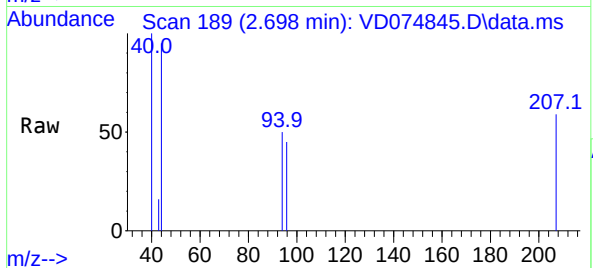




#5
Bromomethane
Concen: 5.018 ug/l
RT: 2.698 min Scan# 11
Delta R.T. 0.011 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

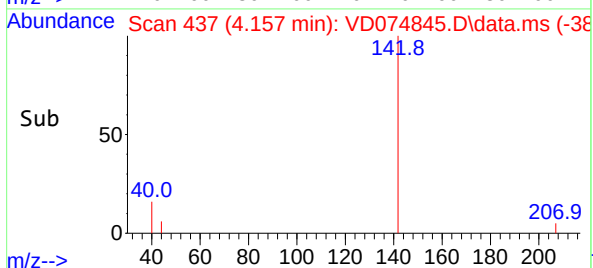
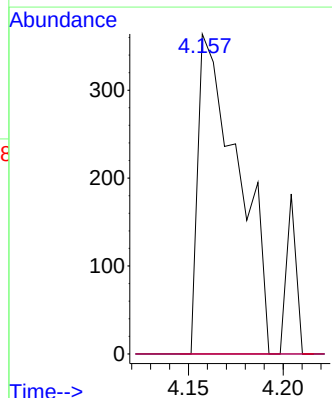
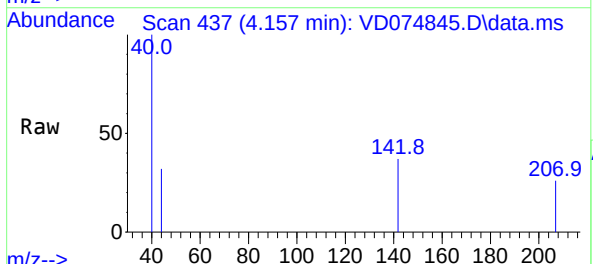
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

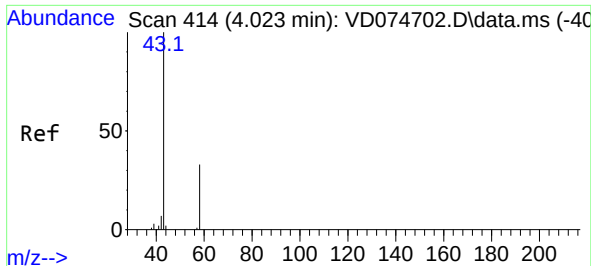
Tgt Ion: 94 Resp: 684
Ion Ratio Lower Upper
94 100
96 89.7 74.6 112.0



#10
Methyl Iodide
Concen: 8.323 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Tgt Ion:142 Resp: 536
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

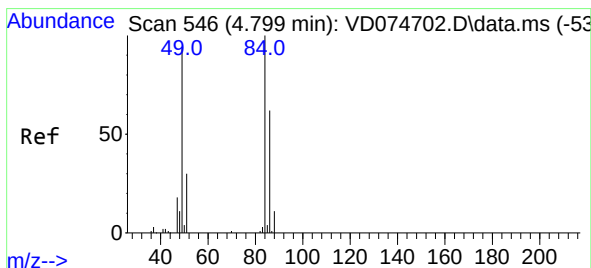
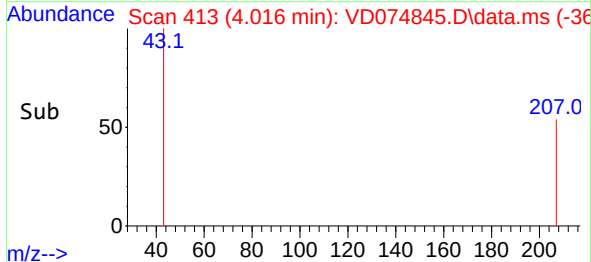
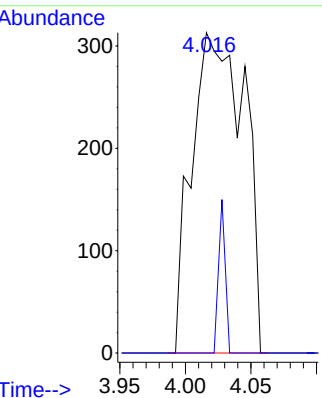
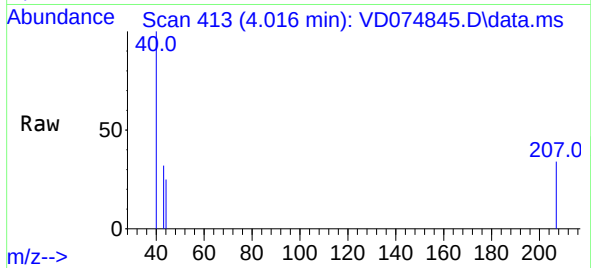




#16
Acetone
Concen: 42.146 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

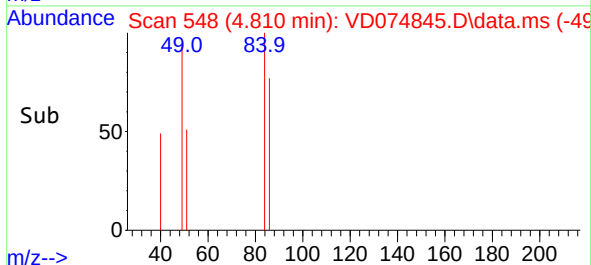
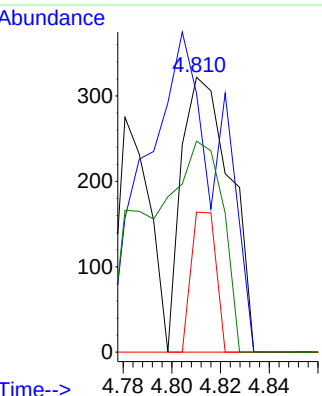
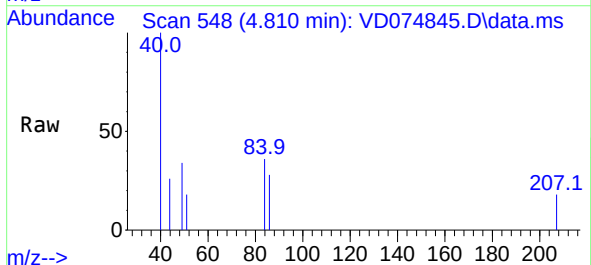
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

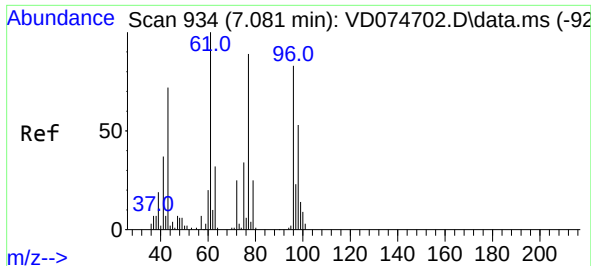
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 548
Delta R.T. 0.011 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Tgt Ion: 84 Resp: 449
Ion Ratio Lower Upper
84 100
49 94.1 68.0 102.0
51 50.9 23.2 34.8#
86 76.7 48.0 72.0#





#25

2-Butanone

Concen: 11.038 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074845.D

Acq: 10 Nov 2022 00:52

Instrument :

MSVOA_D

ClientSampleId :

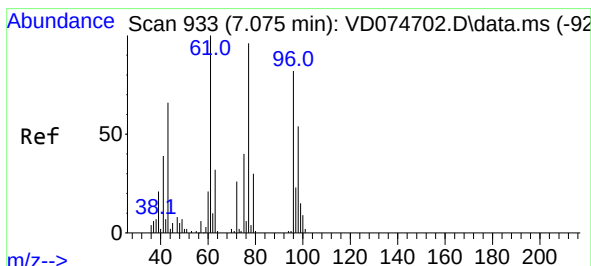
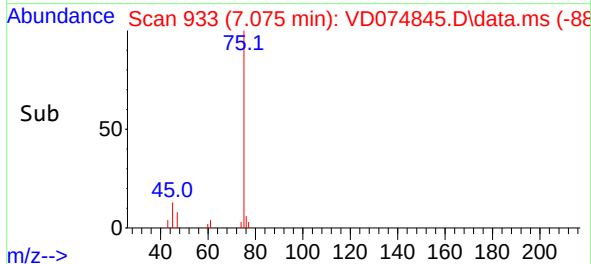
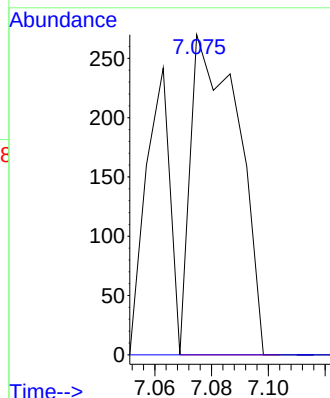
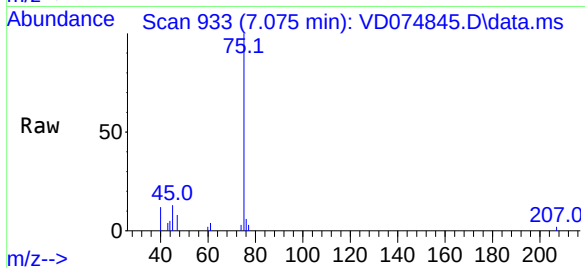
HS-3-110722

Tgt Ion: 43 Resp: 314

Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#



#26

2,2-Dichloropropane

Concen: 2.900 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD074845.D

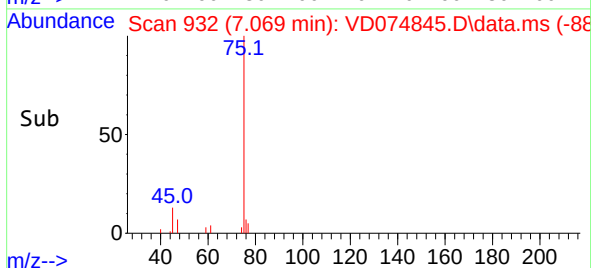
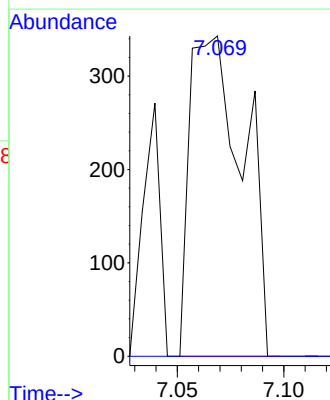
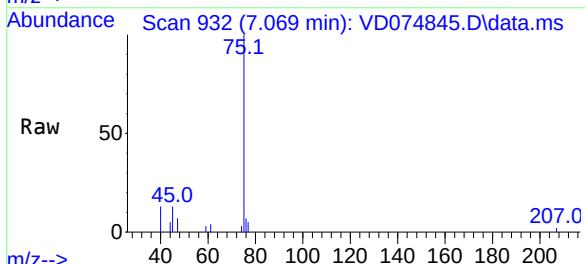
Acq: 10 Nov 2022 00:52

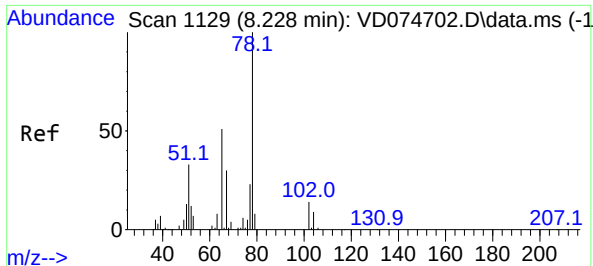
Tgt Ion: 77 Resp: 601

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#

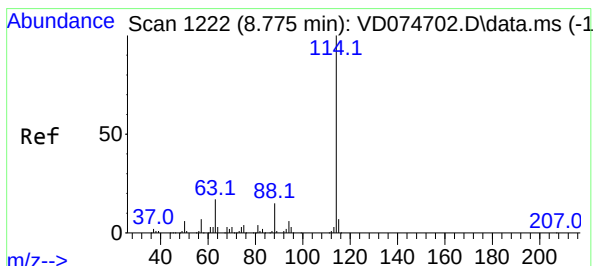
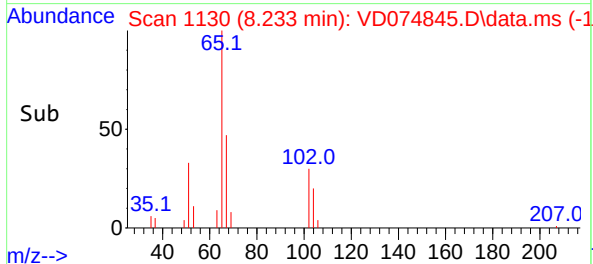
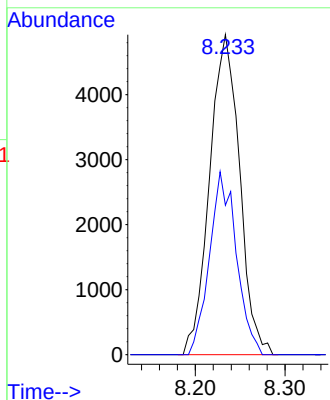
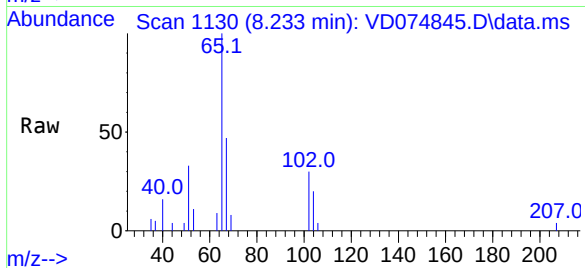




#33
1,2-Dichloroethane-d4
Concen: 115.427 ug/l
RT: 8.233 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

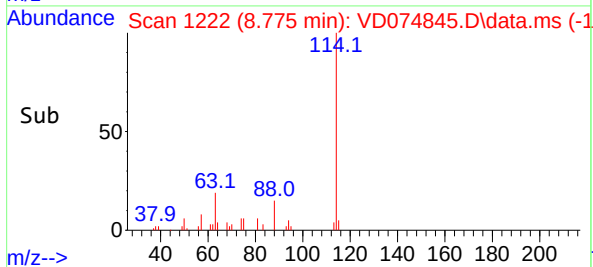
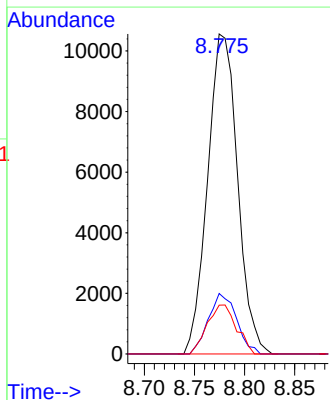
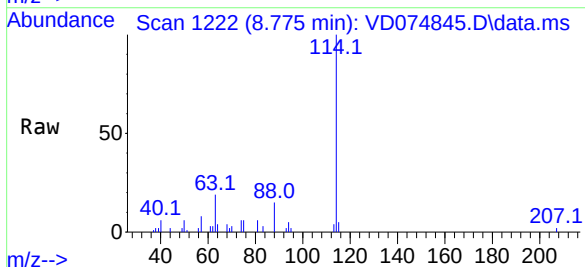
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

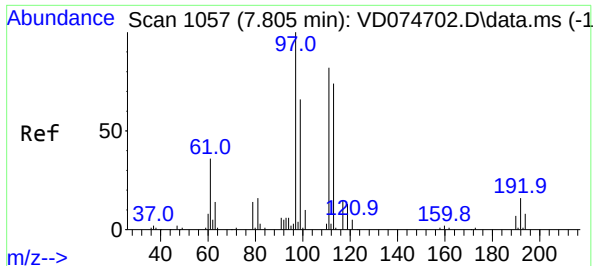
Tgt Ion: 65 Resp: 11444
Ion Ratio Lower Upper
65 100
67 51.1 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Tgt Ion: 114 Resp: 21936
Ion Ratio Lower Upper
114 100
63 18.9 0.0 33.2
88 15.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 75.485 ug/l

RT: 7.810 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074845.D

Acq: 10 Nov 2022 00:52

Instrument :

MSVOA_D

ClientSampleId :

HS-3-110722

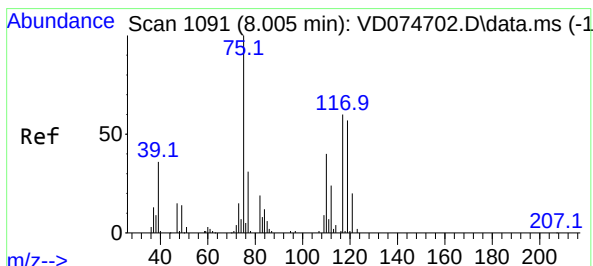
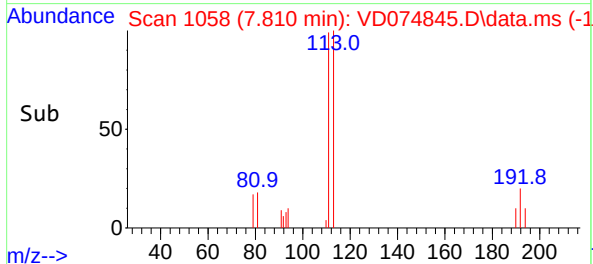
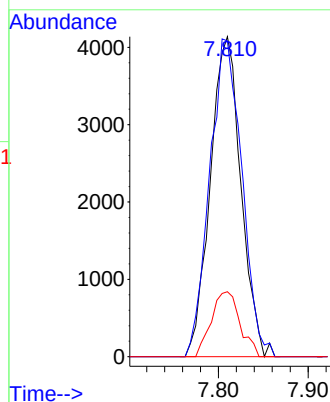
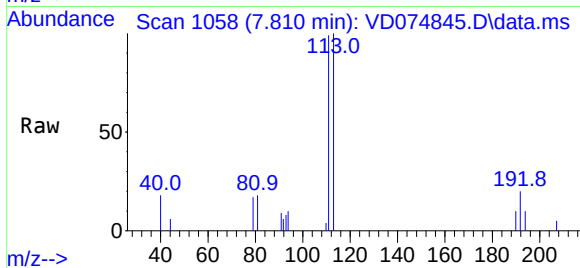
Tgt Ion:113 Resp: 9795

Ion Ratio Lower Upper

113 100

111 104.6 82.3 123.5

192 19.1 16.4 24.6



#36

1,1-Dichloropropene

Concen: 3.508 ug/l

RT: 7.886 min Scan# 1071

Delta R.T. -0.119 min

Lab File: VD074845.D

Acq: 10 Nov 2022 00:52

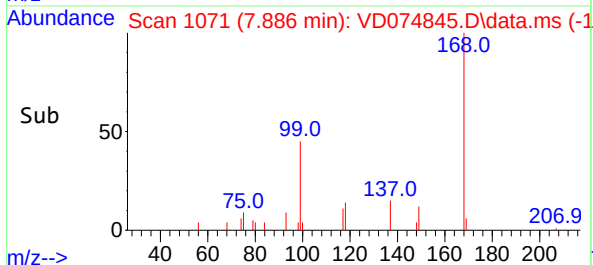
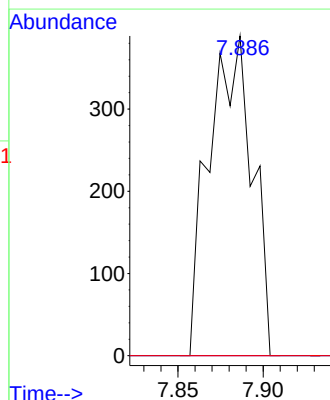
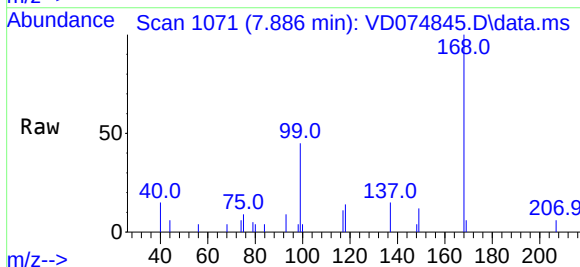
Tgt Ion: 75 Resp: 691

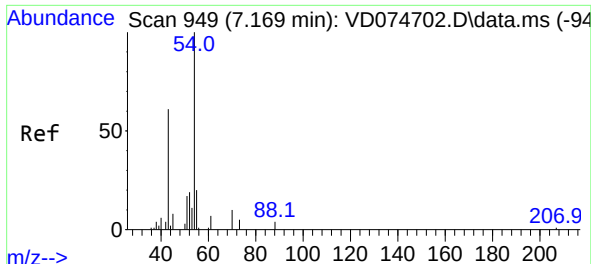
Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 4.779 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.094 min

Lab File: VD074845.D

Acq: 10 Nov 2022 00:52

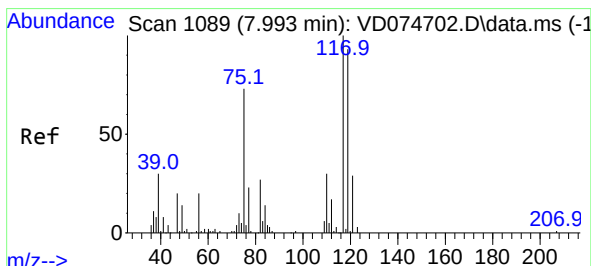
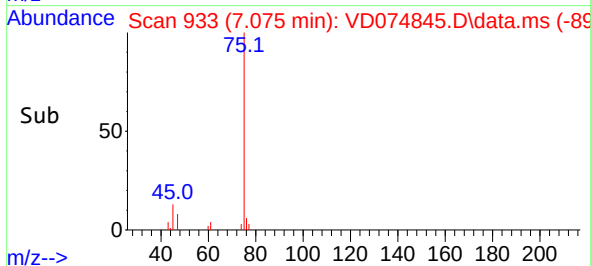
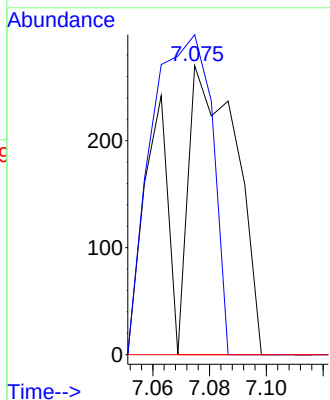
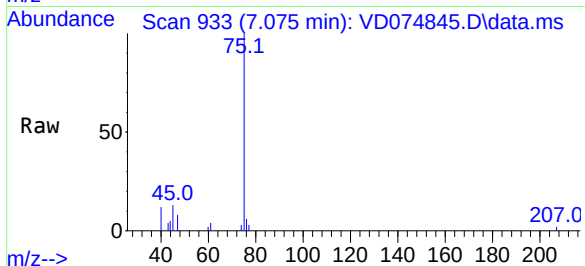
Instrument :

MSVOA_D

ClientSampleId :

HS-3-110722

Tgt Ion:	43	Resp:	314
Ion	Ratio	Lower	Upper
43	100		
61	157.3	12.2	18.4#
70	0.0	9.6	14.4#



#38

Carbon Tetrachloride

Concen: 5.836 ug/l

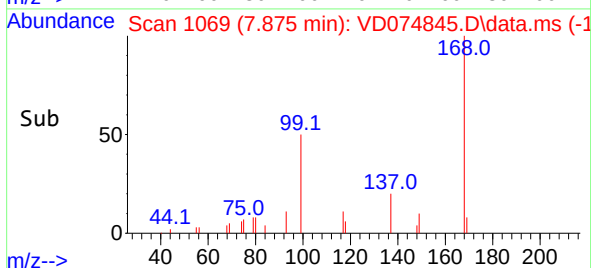
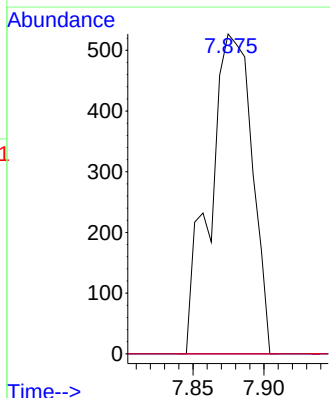
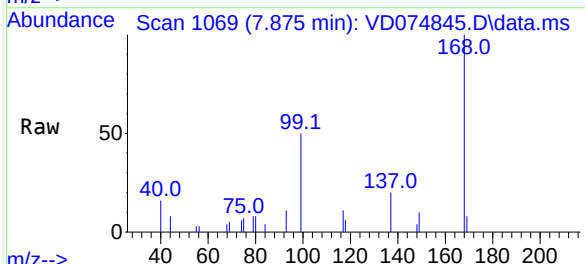
RT: 7.875 min Scan# 1069

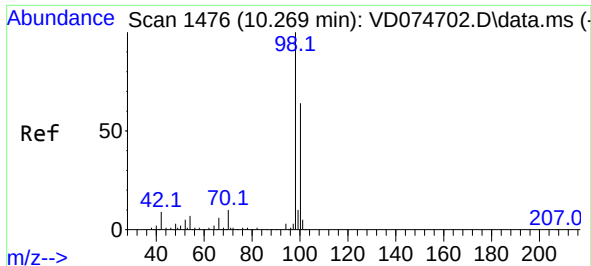
Delta R.T. -0.118 min

Lab File: VD074845.D

Acq: 10 Nov 2022 00:52

Tgt Ion:	117	Resp:	1089
Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.1	109.7#
121	0.0	25.0	37.6#

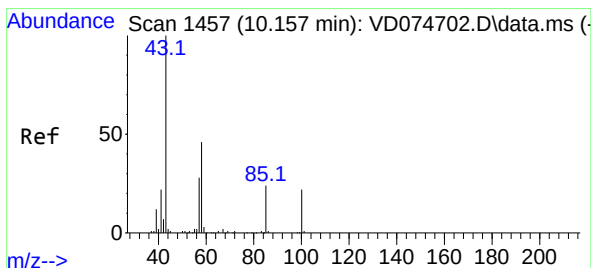
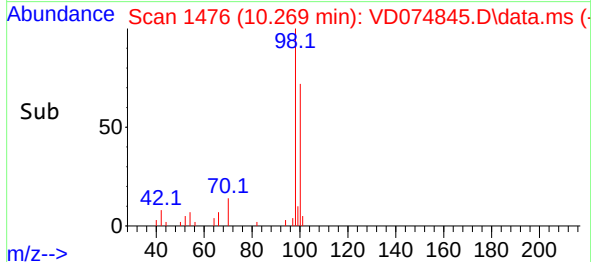
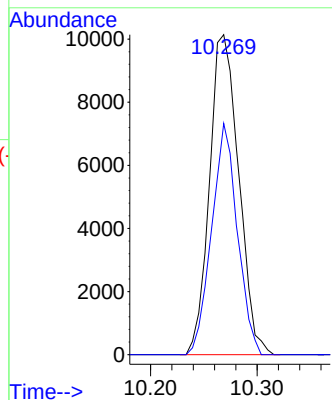
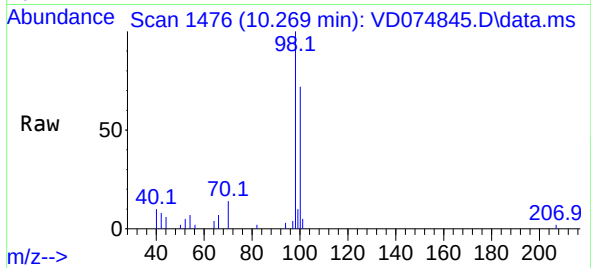




#50
Toluene-d8
Concen: 40.756 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

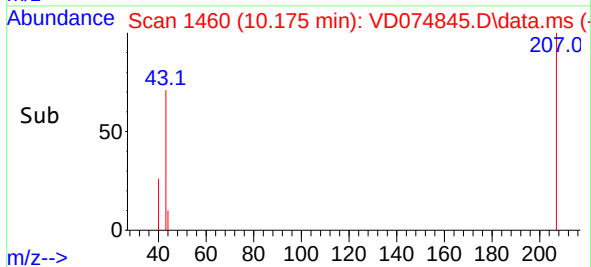
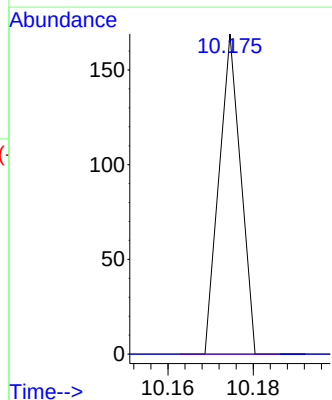
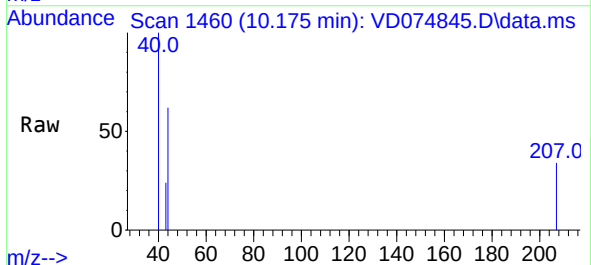
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

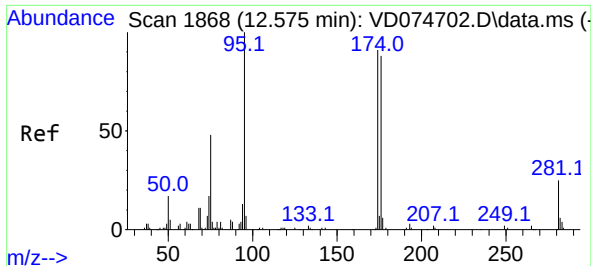
Tgt Ion: 98 Resp: 19291
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.012 ug/l
RT: 10.175 min Scan# 1460
Delta R.T. 0.018 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 37.8 56.6#

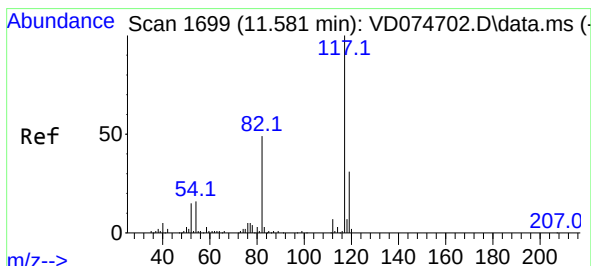
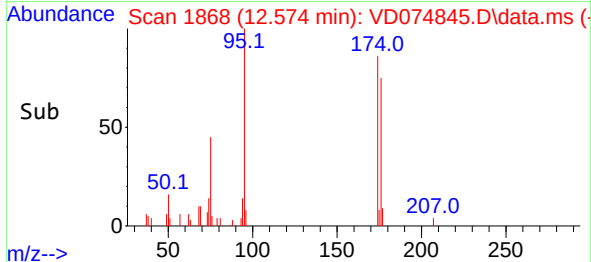
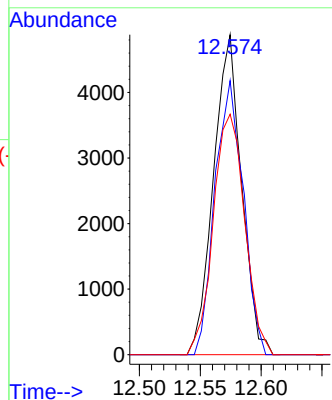
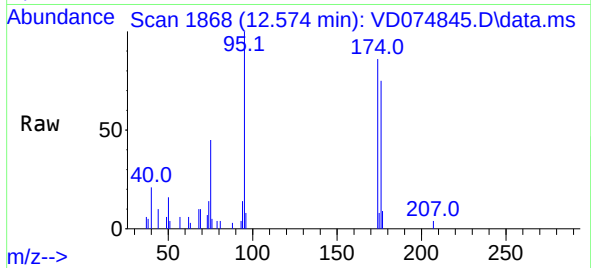




#62
4-Bromofluorobenzene
Concen: 57.250 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

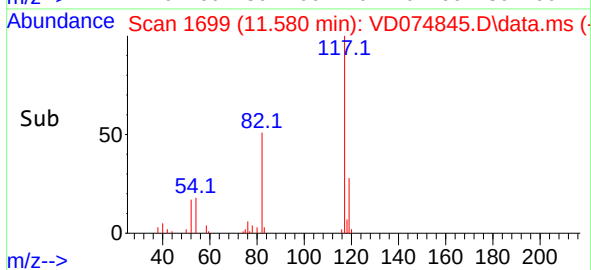
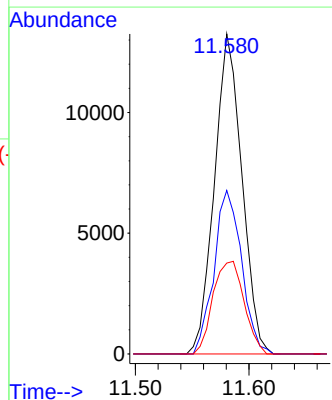
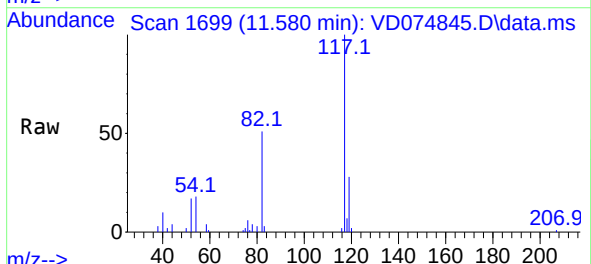
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

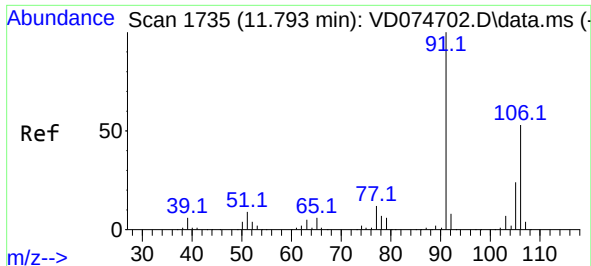
Tgt Ion:	95	Resp:	7824
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	197.0
176	84.2	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Tgt Ion:	117	Resp:	22253
Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.6	62.4
119	28.4	25.2	37.8

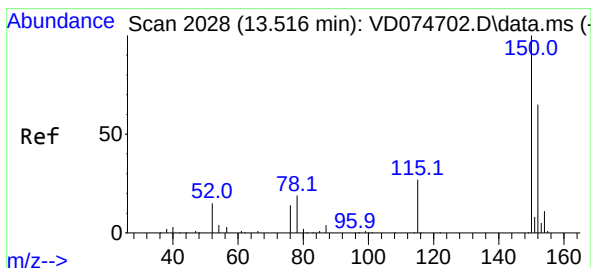
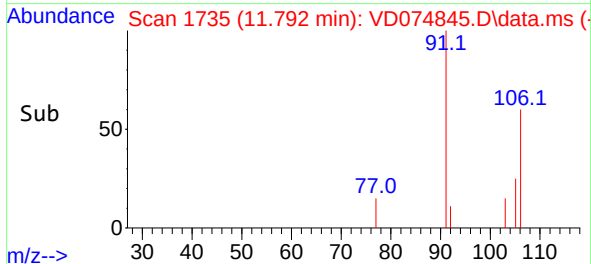
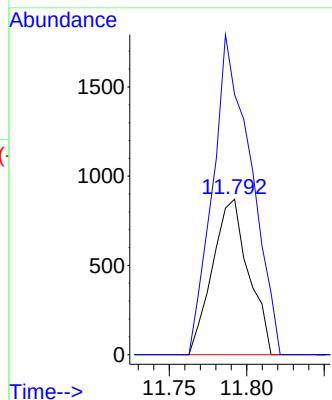
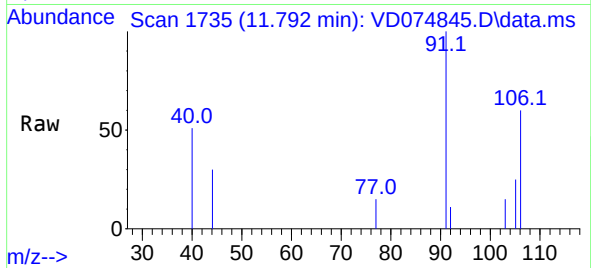




#68
m/p-Xylenes
Concen: 4.561 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

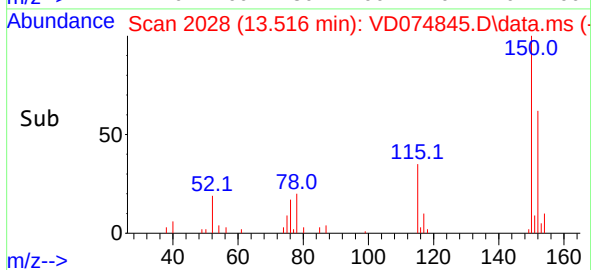
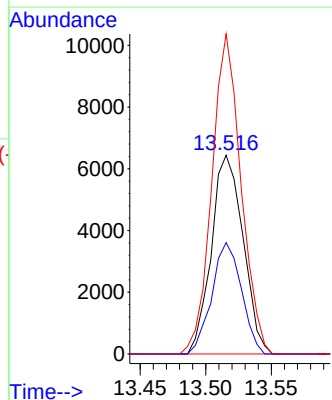
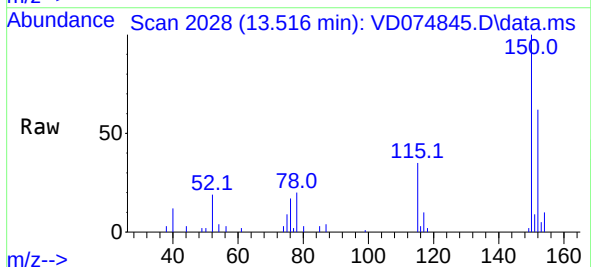
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

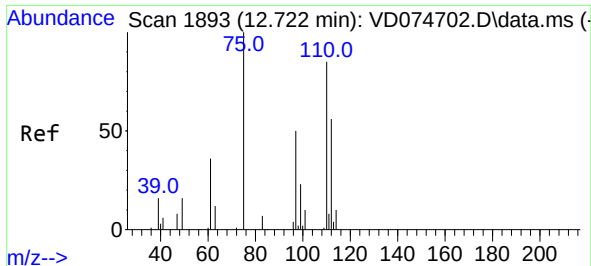
Tgt Ion:106 Resp: 1414
Ion Ratio Lower Upper
106 100
91 216.9 156.2 234.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Tgt Ion:152 Resp: 10823
Ion Ratio Lower Upper
152 100
115 52.3 26.8 80.4
150 148.1 0.0 348.2

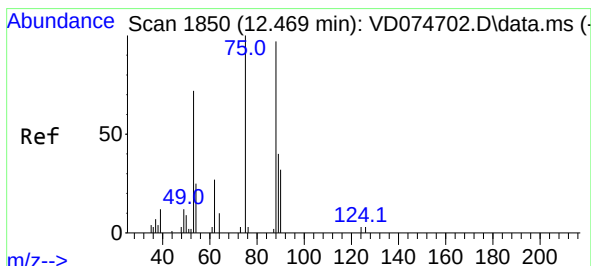
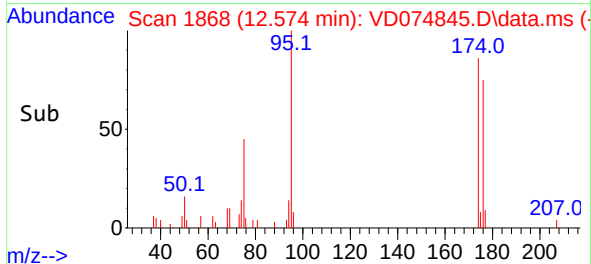
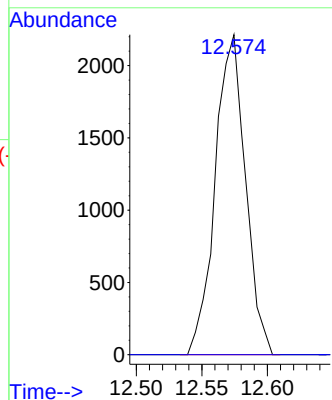
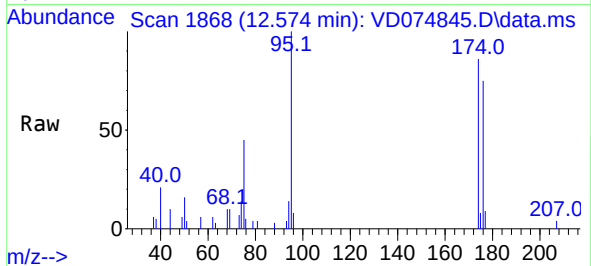




#76
1,2,3-Trichloropropane
Concen: 42.348 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.148 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

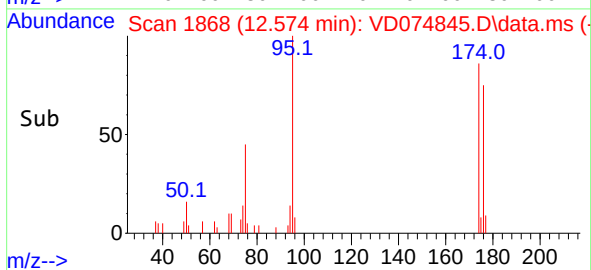
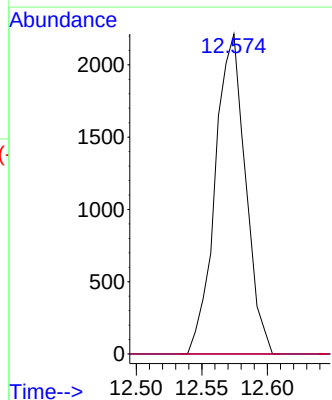
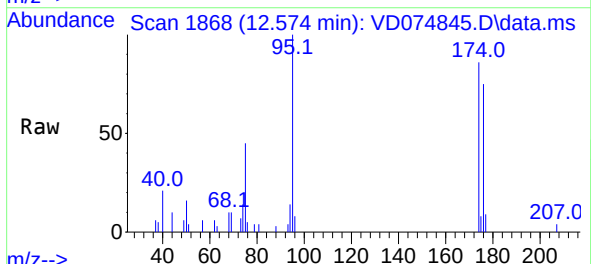
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

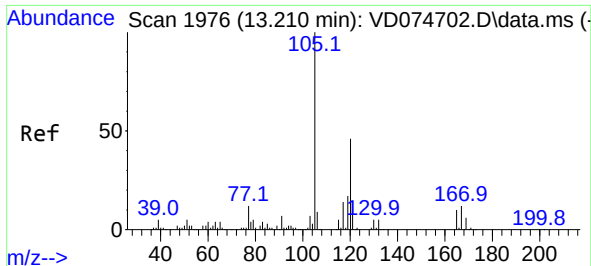
Tgt Ion: 75 Resp: 3553
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.523 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.105 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Tgt Ion: 75 Resp: 3553
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

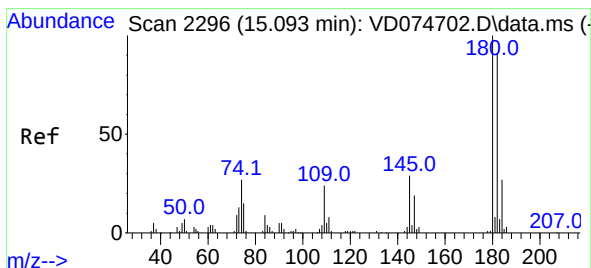
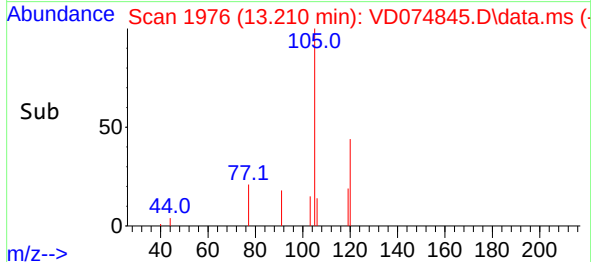
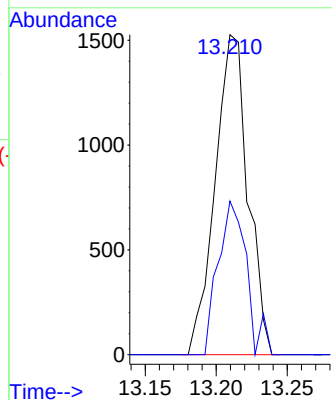
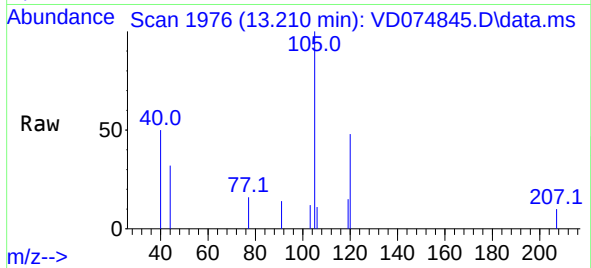




#84
1,2,4-Trimethylbenzene
Concen: 3.857 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

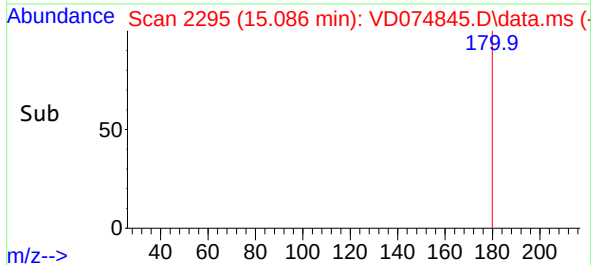
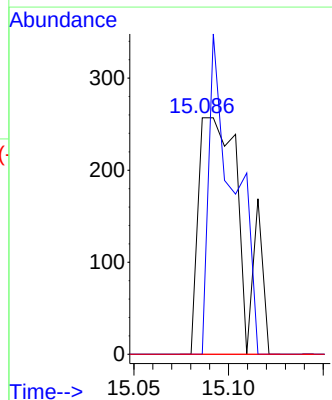
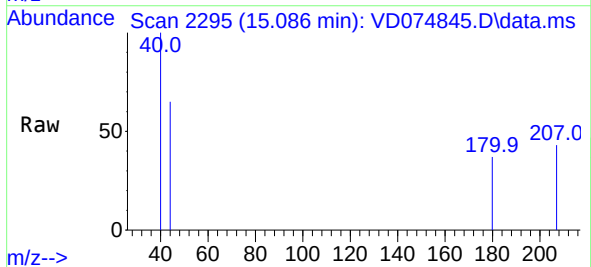
Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

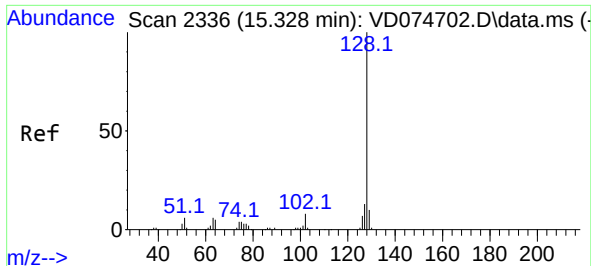
Tgt Ion:105 Resp: 2455
Ion Ratio Lower Upper
105 100
120 41.6 22.9 68.7



#93
1,2,4-Trichlorobenzene
Concen: 2.040 ug/l
RT: 15.086 min Scan# 2295
Delta R.T. -0.007 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Tgt Ion:180 Resp: 405
Ion Ratio Lower Upper
180 100
182 79.0 46.9 140.6
145 0.0 14.1 42.3#

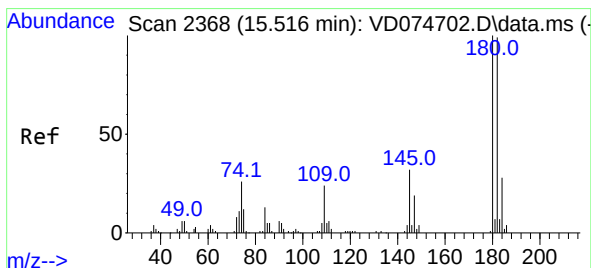
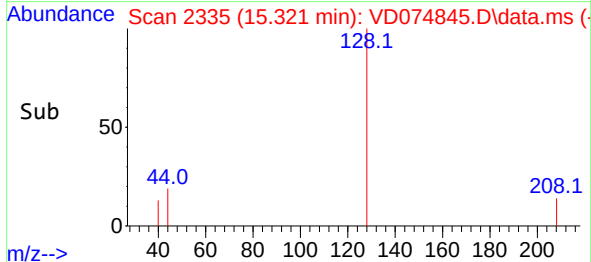
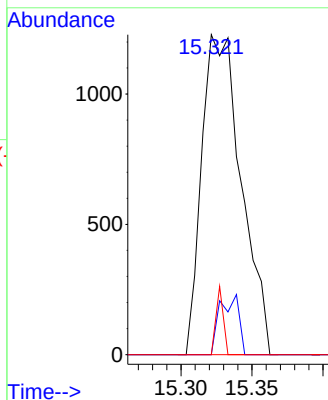
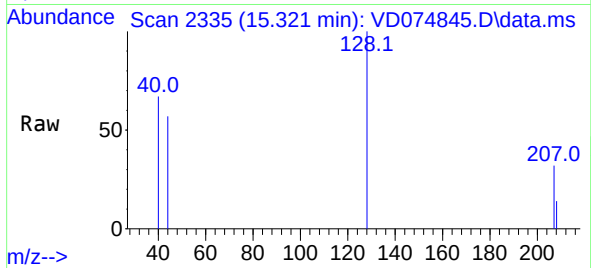




#95
Naphthalene
Concen: 6.236 ug/l
RT: 15.321 min Scan# 21
Delta R.T. -0.007 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Instrument :
MSVOA_D
ClientSampleId :
HS-3-110722

Tgt Ion:128 Resp: 2378
Ion Ratio Lower Upper
128 100
127 8.9 10.6 16.0#
129 3.9 8.3 12.5#



#96
1,2,3-Trichlorobenzene
Concen: 2.856 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. 0.005 min
Lab File: VD074845.D
Acq: 10 Nov 2022 00:52

Tgt Ion:180 Resp: 499
Ion Ratio Lower Upper
180 100
182 33.5 46.7 140.1#
145 0.0 14.9 44.7#

