

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074822.D
 Acq On : 09 Nov 2022 12:32
 Operator : VA/SY
 Sample : N5494-01RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19RE

Quant Time: Nov 09 14:04:21 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)

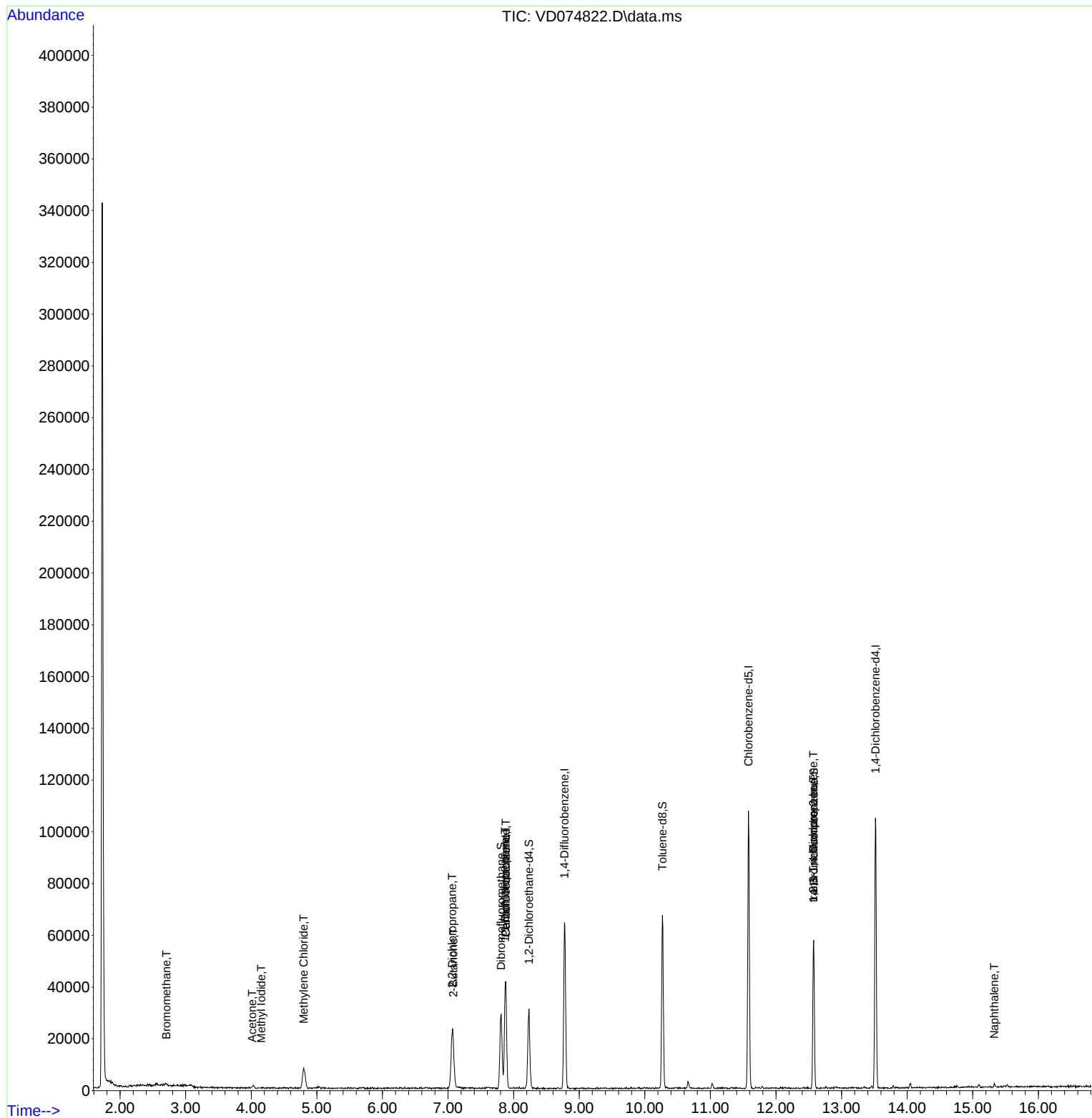
Internal Standards						
1) Pentafluorobenzene	7.881	168	36377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	62742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	66854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	30782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	23533	81.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 163.360%#	
35) Dibromofluoromethane	7.810	113	21620	58.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.500%	
50) Toluene-d8	10.269	98	51361	37.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 75.880%	
62) 4-Bromofluorobenzene	12.575	95	19334	49.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.920%	
Target Compounds						Qvalue
5) Bromomethane	2.705	94	785	1.982	ug/l #	64
10) Methyl Iodide	4.152	142	211	5.932	ug/l #	43
11) Tert butyl alcohol	5.028	59	341	Below Cal	#	84
16) Acetone	4.016	43	685	11.393	ug/l	96
20) Methylene Chloride	4.799	84	6802	2.758	ug/l	95
25) 2-Butanone	7.081	43	1183	14.310	ug/l #	42
26) 2,2-Dichloropropane	7.063	77	1816	3.015	ug/l #	50
36) 1,1-Dichloropropene	7.869	75	2510	4.455	ug/l #	39
38) Carbon Tetrachloride	7.881	117	3416	6.400	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	9136	38.286	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	9136	90.882	ug/l #	17
95) Naphthalene	15.328	128	1354	1.248	ug/l #	69

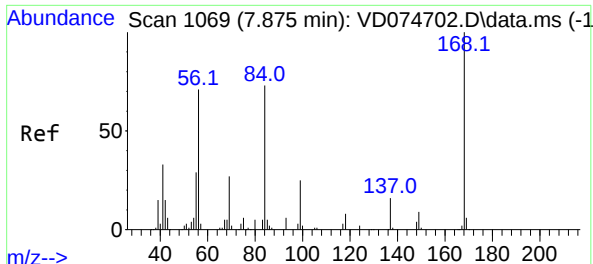
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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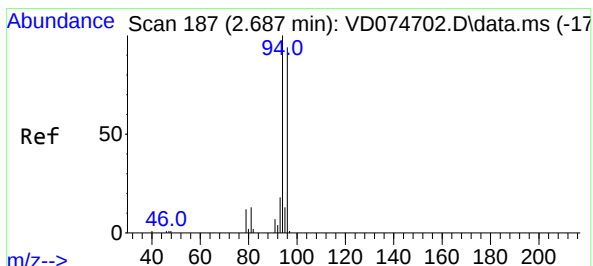
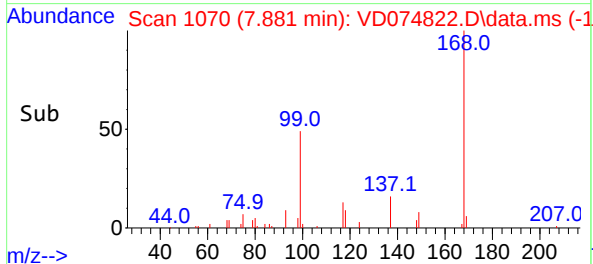
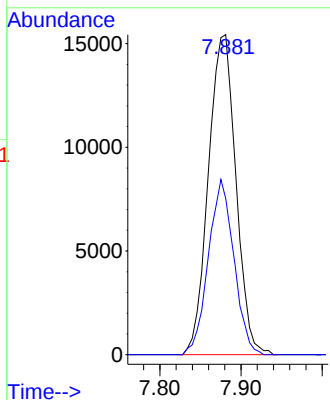
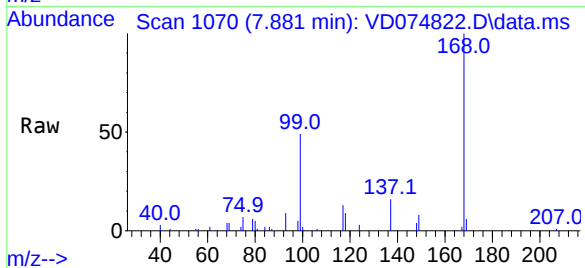




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

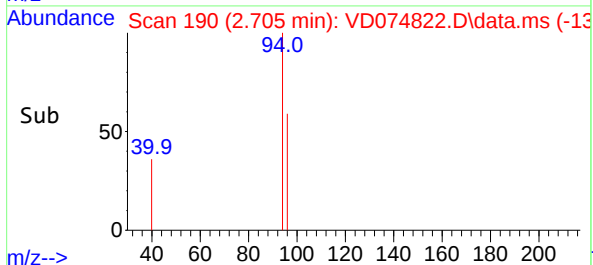
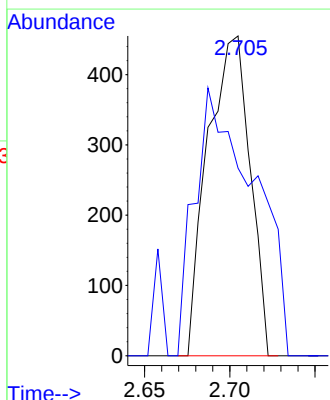
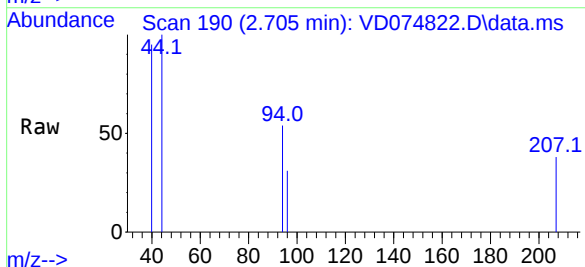
Instrument :
MSVOA_D
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SB-19RE

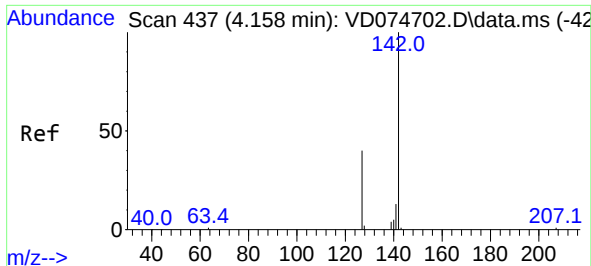
Tgt Ion:168 Resp: 36377
Ion Ratio Lower Upper
168 100
99 48.8 40.9 61.3



#5
Bromomethane
Concen: 1.982 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.018 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion: 94 Resp: 785
Ion Ratio Lower Upper
94 100
96 58.7 74.6 112.0#

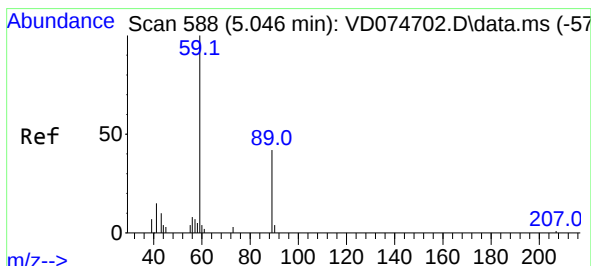
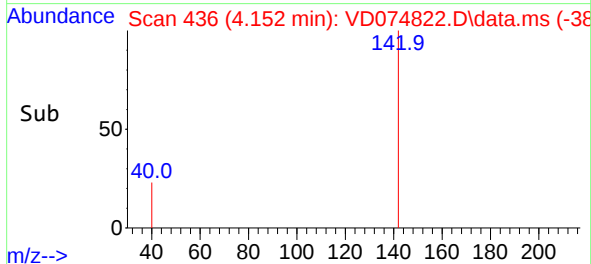
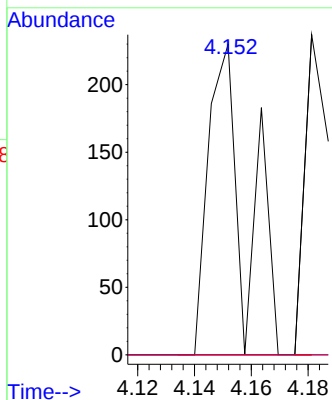
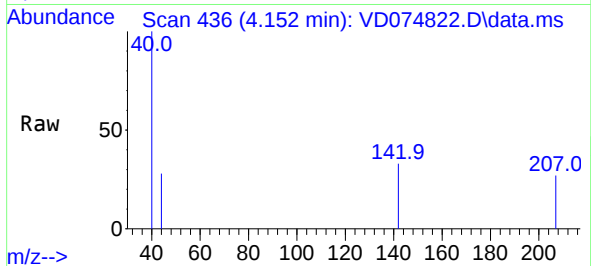




#10
Methyl Iodide
Concen: 5.932 ug/l
RT: 4.152 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

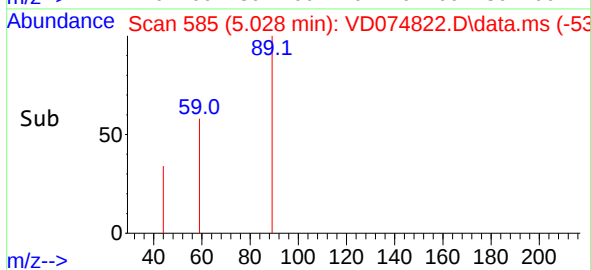
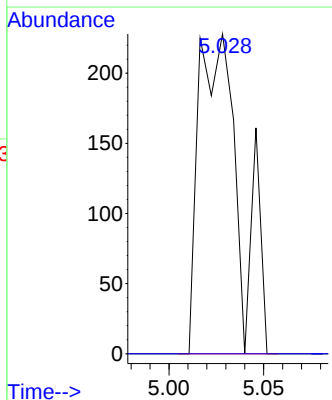
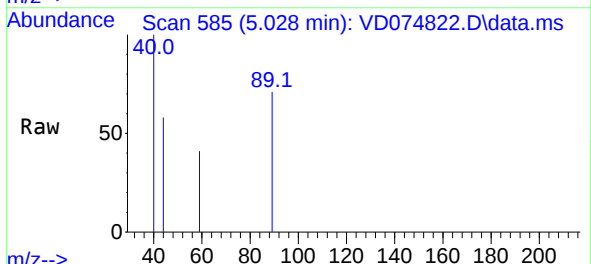
Instrument :
MSVOA_D
ClientSampleId :
SB-19RE

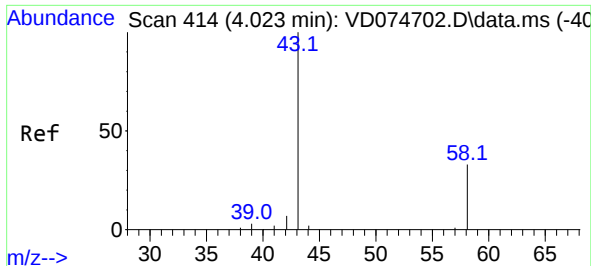
Tgt Ion:142 Resp: 211
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 585
Delta R.T. -0.018 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

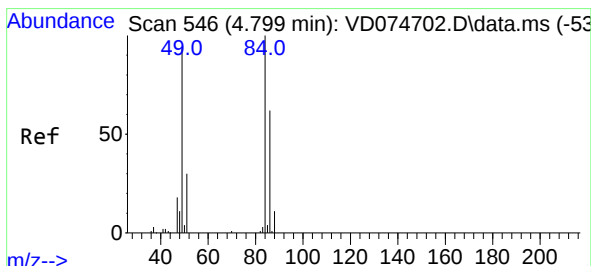
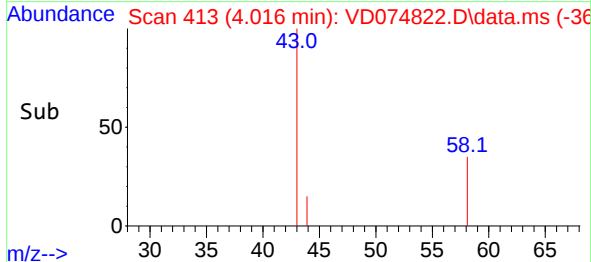
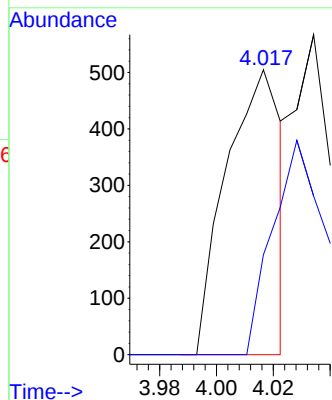
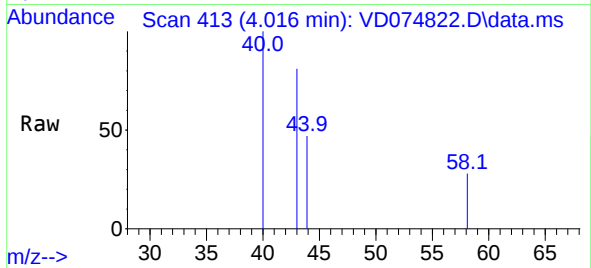




#16
Acetone
Concen: 11.393 ug/l
RT: 4.016 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

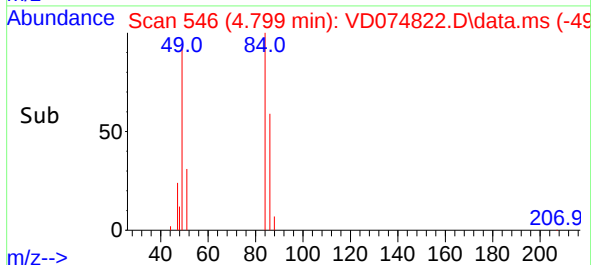
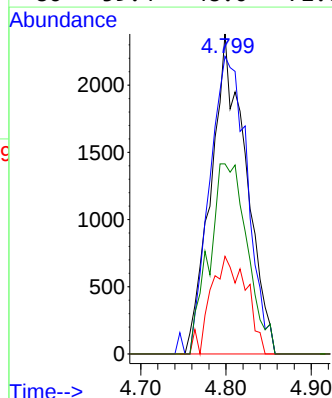
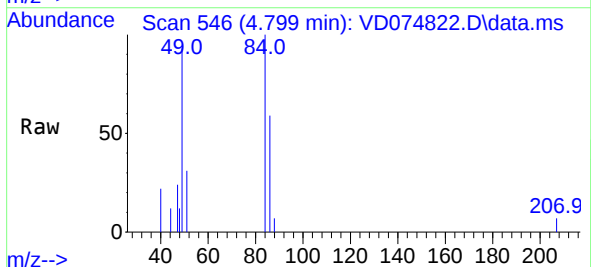
Instrument :
MSVOA_D
ClientSampleId :
SB-19RE

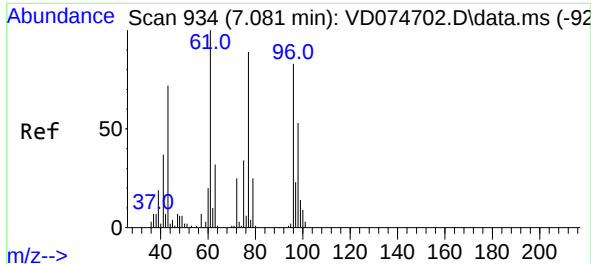
Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
58 35.0 30.2 45.2



#20
Methylene Chloride
Concen: 2.758 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion: 84 Resp: 6802
Ion Ratio Lower Upper
84 100
49 93.0 68.0 102.0
51 30.5 23.2 34.8
86 59.4 48.0 72.0

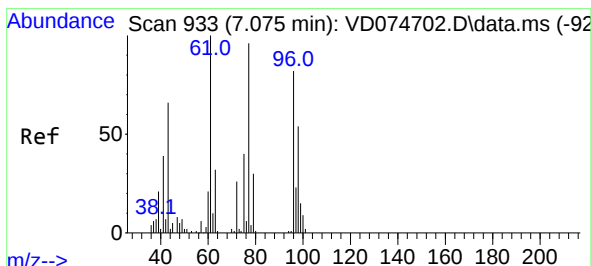
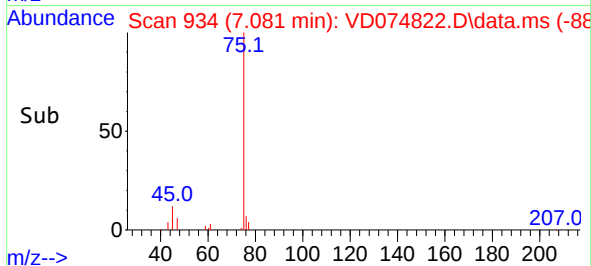
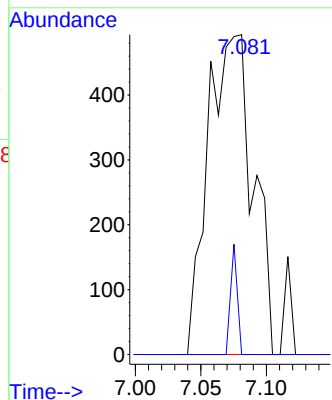
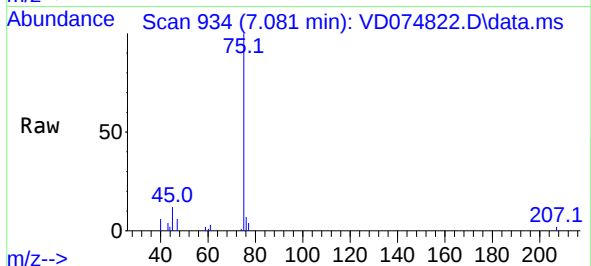




#25
2-Butanone
Concen: 14.310 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

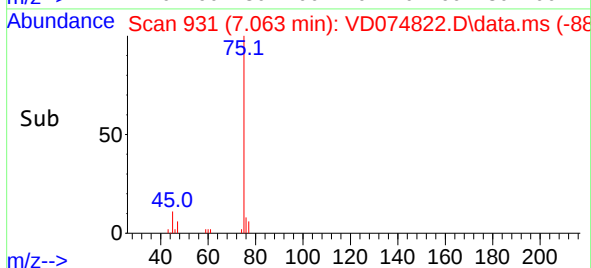
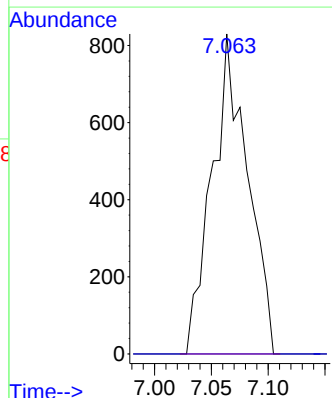
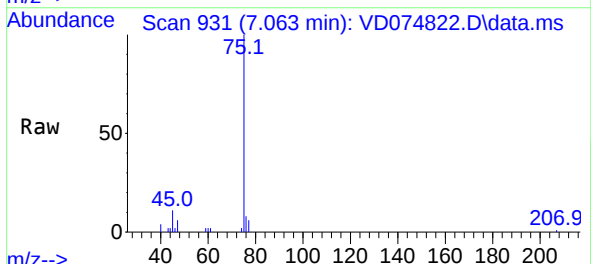
Instrument :
MSVOA_D
ClientSampleId :
SB-19RE

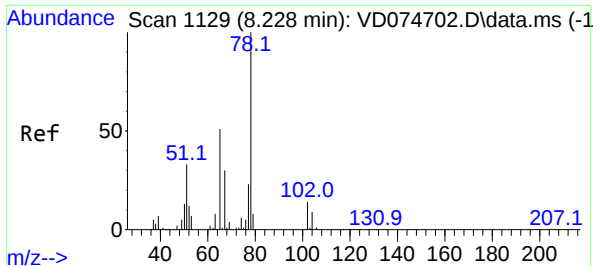
Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 3.015 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.012 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion: 77 Resp: 1816
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#





#33

1,2-Dichloroethane-d4

Concen: 81.680 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074822.D

Acq: 09 Nov 2022 12:32

Instrument :

MSVOA_D

ClientSampleId :

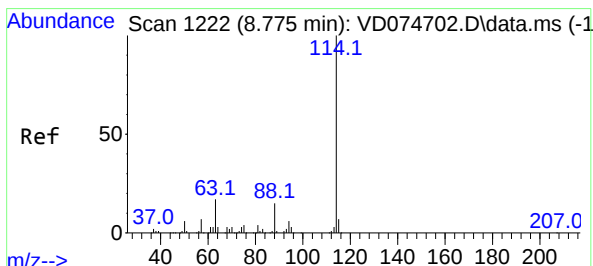
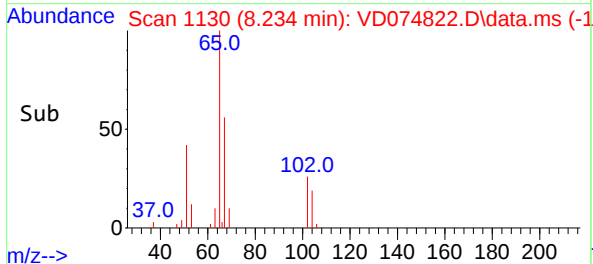
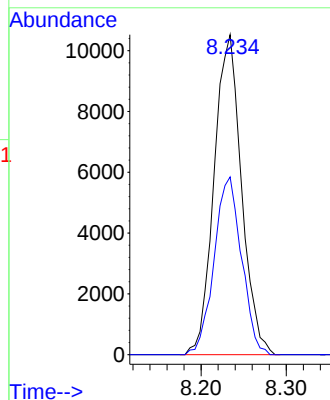
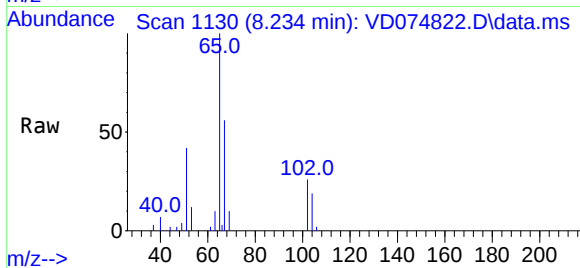
SB-19RE

Tgt Ion: 65 Resp: 23533

Ion Ratio Lower Upper

65 100

67 55.5 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: VD074822.D

Acq: 09 Nov 2022 12:32

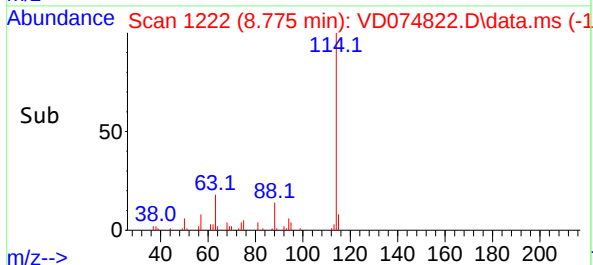
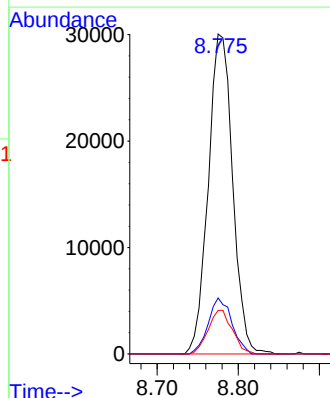
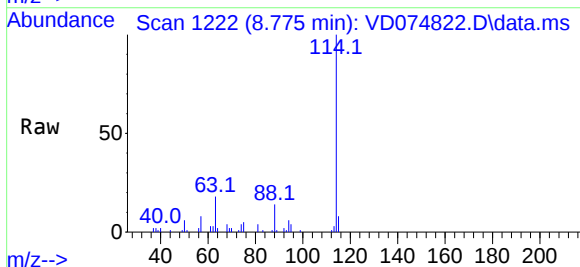
Tgt Ion: 114 Resp: 62742

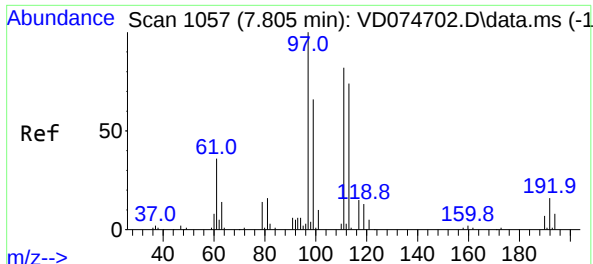
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 13.6 0.0 28.2

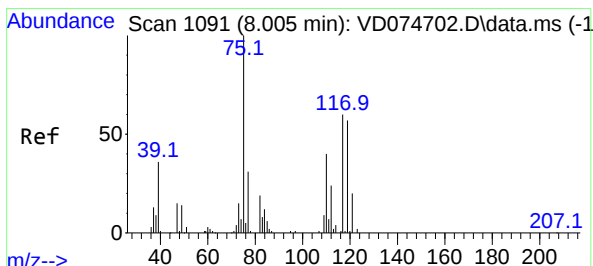
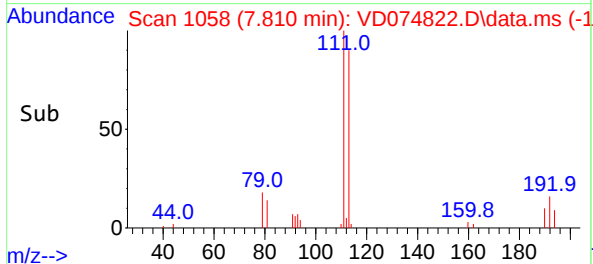
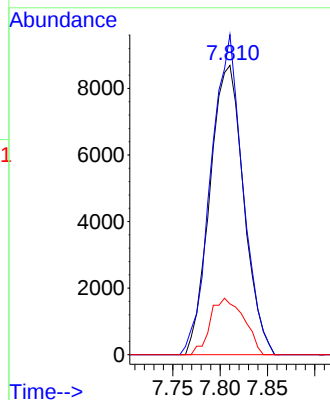
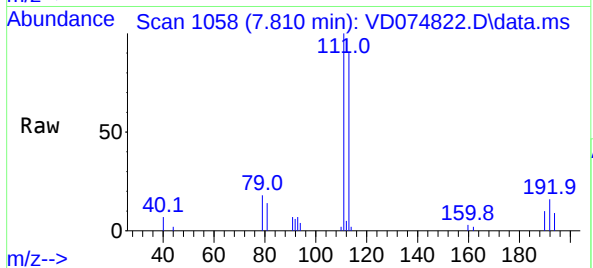




#35
Dibromofluoromethane
Concen: 58.252 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

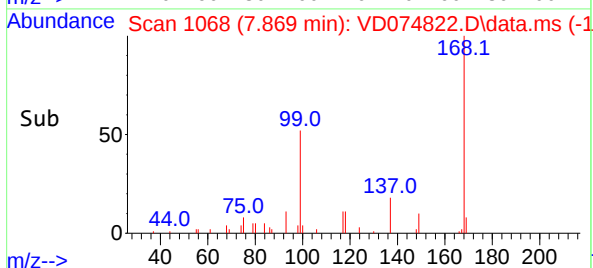
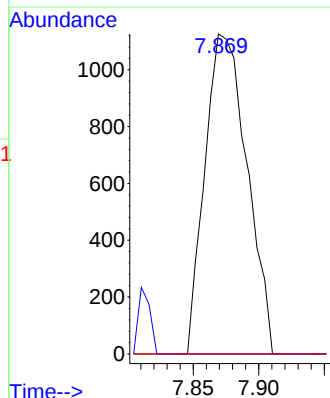
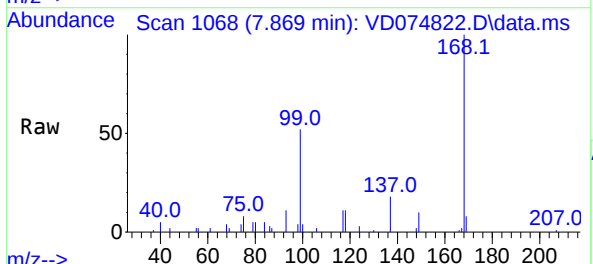
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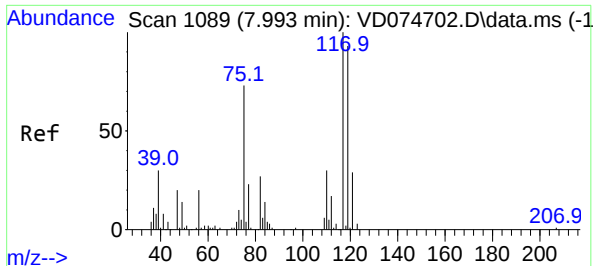
Tgt Ion:	113	Resp:	21620
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.3	123.5
192	19.4	16.4	24.6



#36
1,1-Dichloropropene
Concen: 4.455 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion:	75	Resp:	2510
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.0#
77	0.0	25.4	38.2#

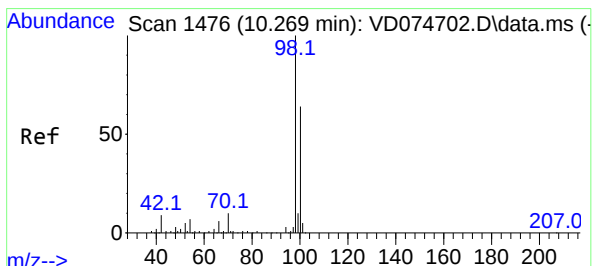
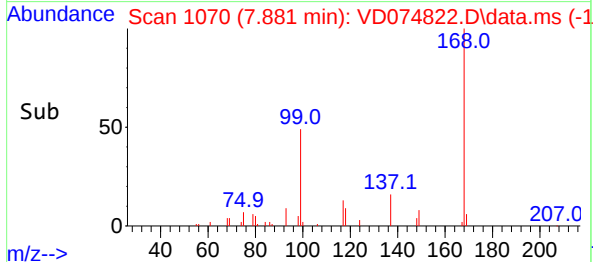
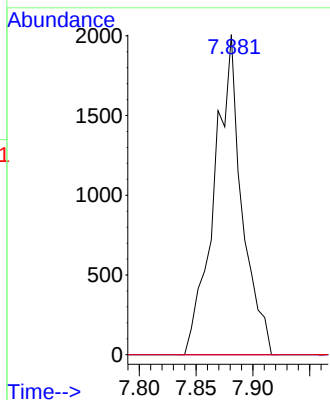
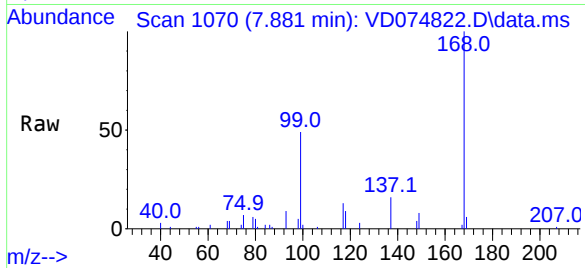




#38
Carbon Tetrachloride
Concen: 6.400 ug/l
RT: 7.881 min Scan# 117
Delta R.T. -0.112 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

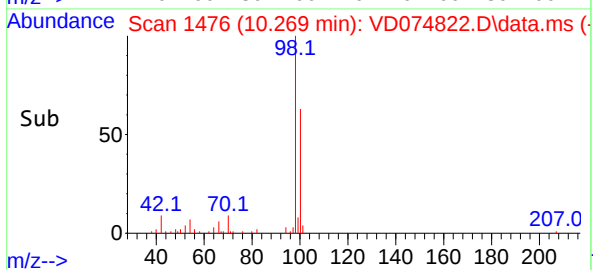
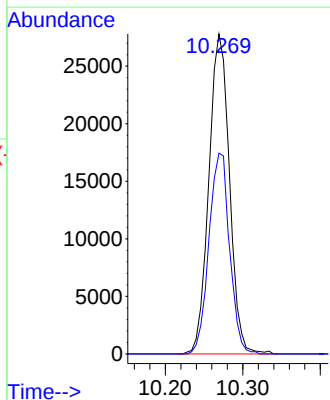
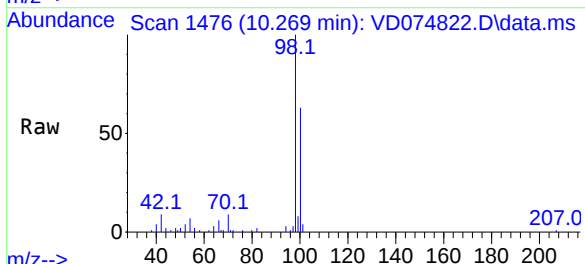
Instrument :
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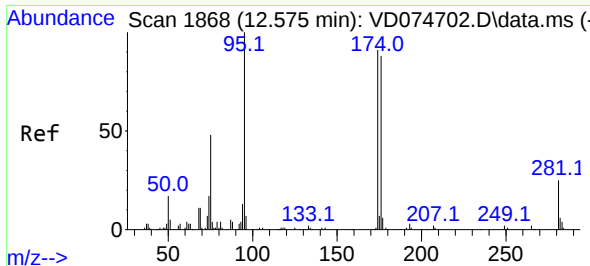
Tgt Ion:117 Resp: 3416
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 37.938 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion: 98 Resp: 51361
Ion Ratio Lower Upper
98 100
100 62.8 51.4 77.0



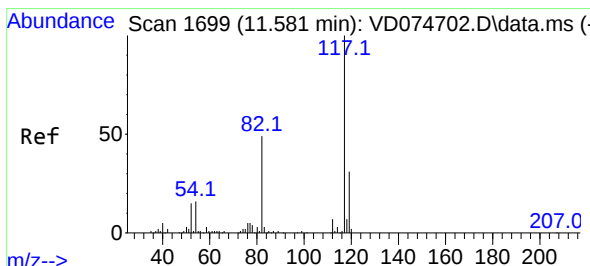
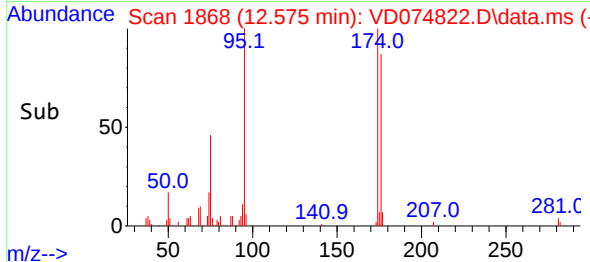
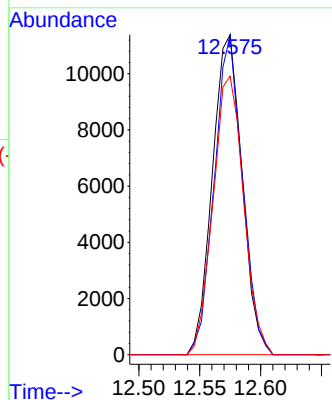
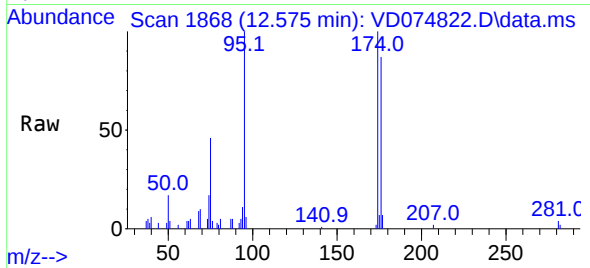


#62
4-Bromofluorobenzene
Concen: 49.461 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
SB-19RE

Tgt Ion: 95 Resp: 19334

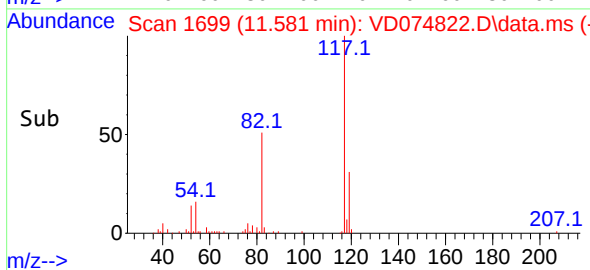
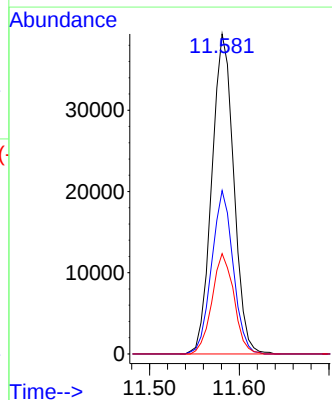
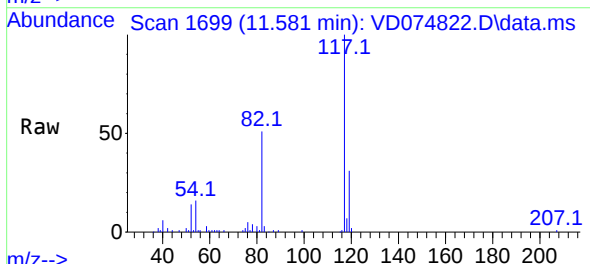
Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	197.0
176	89.2	0.0	182.6

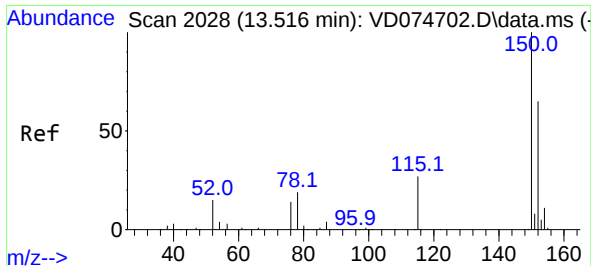


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion: 117 Resp: 66854

Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.6	62.4
119	31.4	25.2	37.8

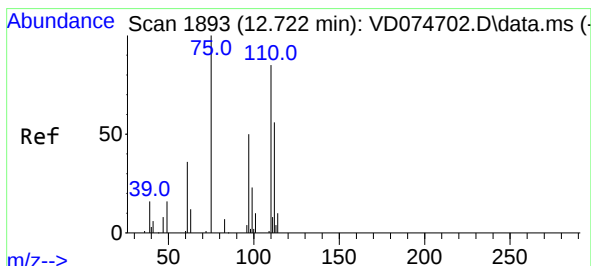
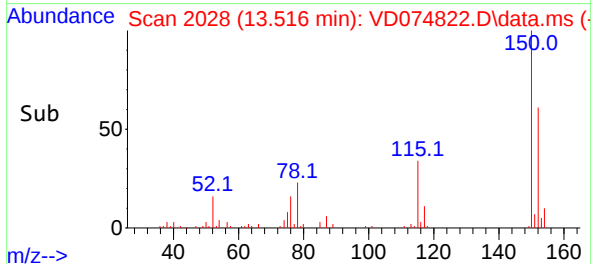
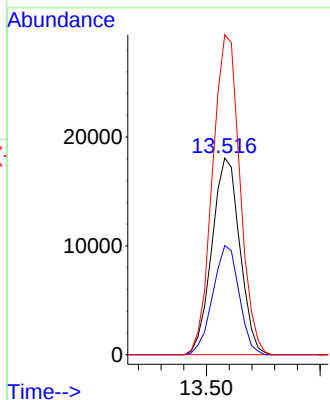
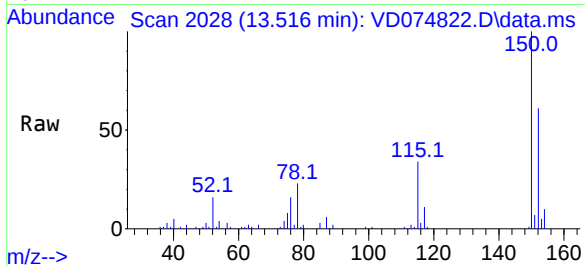




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074822.D
 Acq: 09 Nov 2022 12:32

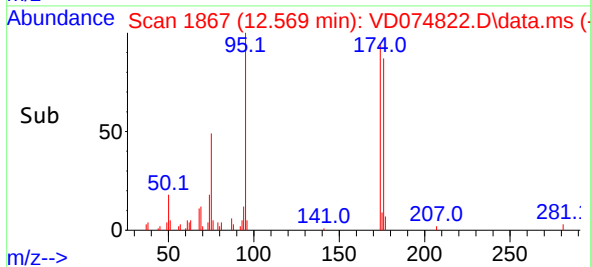
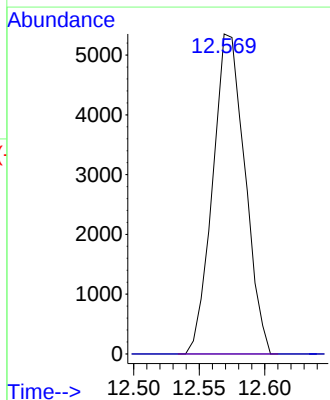
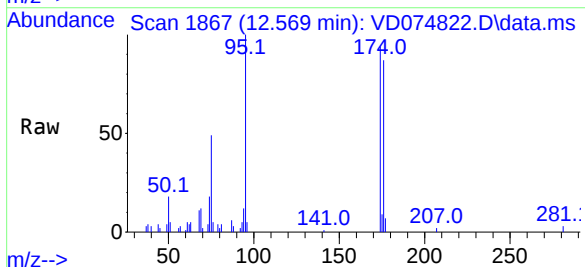
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19RE

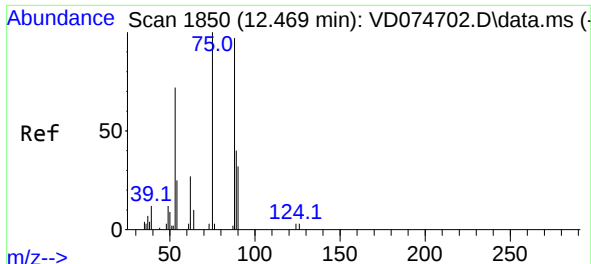
Tgt Ion:152 Resp: 30782
 Ion Ratio Lower Upper
 152 100
 115 52.5 26.8 80.4
 150 160.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 38.286 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD074822.D
 Acq: 09 Nov 2022 12:32

Tgt Ion: 75 Resp: 9136
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

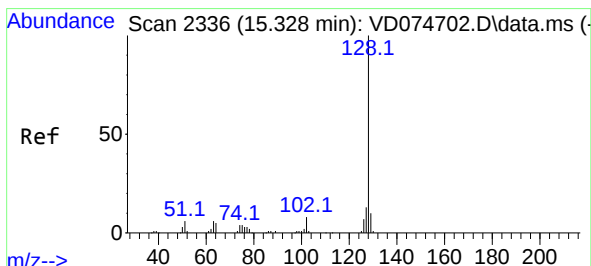
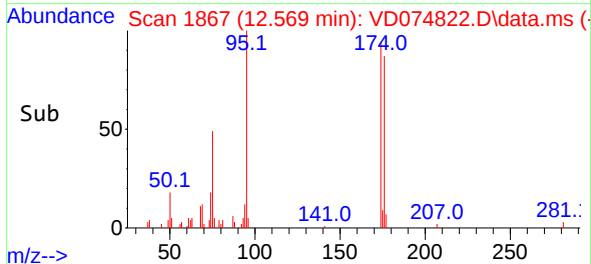
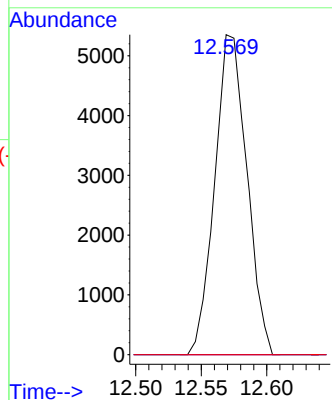
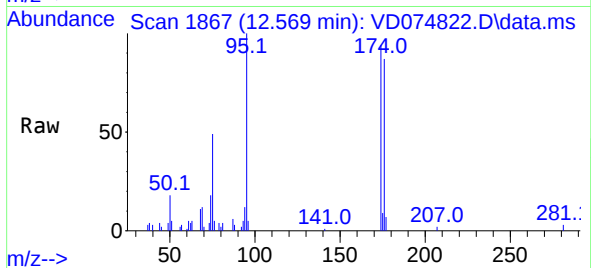




#81
trans-1,4-Dichloro-2-butene
Concen: 90.882 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Instrument :
MSVOA_D
ClientSampleId :
SB-19RE

Tgt Ion: 75 Resp: 9136
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.248 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074822.D
Acq: 09 Nov 2022 12:32

Tgt Ion:128 Resp: 1354
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.3 12.5#

