

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075007.D
 Acq On : 21 Nov 2022 16:48
 Operator : VA/SY
 Sample : N5755-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 00:19:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

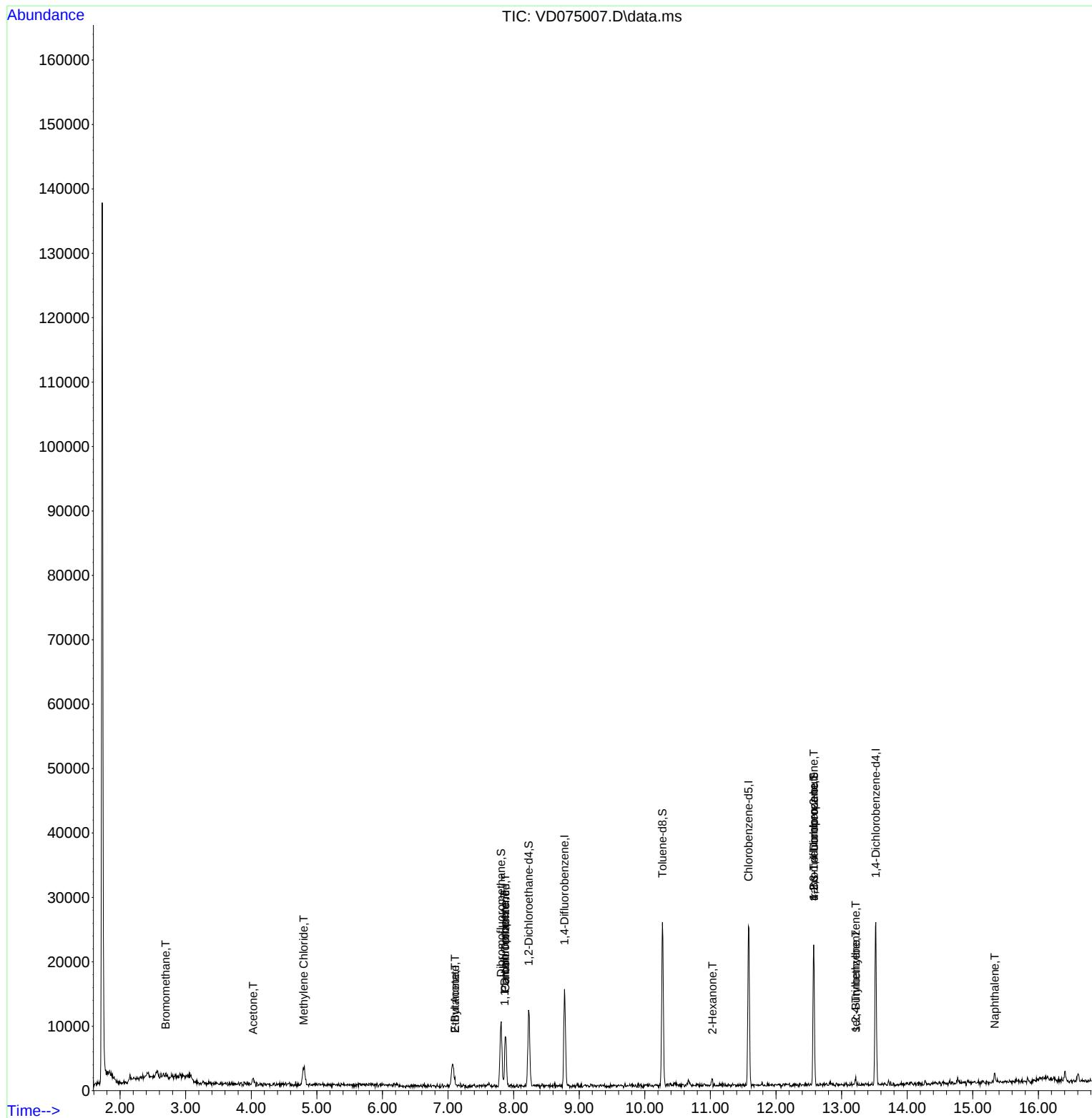
Internal Standards						
1) Pentafluorobenzene	7.869	168	7644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	15534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	17478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9580	207.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	414.500%#
35) Dibromofluoromethane	7.810	113	7313	76.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	152.740%#
50) Toluene-d8	10.269	98	19825	62.852	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	125.700%
62) 4-Bromofluorobenzene	12.575	95	7066	72.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	145.900%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	122	Below Cal	#	37
5) Bromomethane	2.693	94	208	1.629	ug/l #	70
16) Acetone	4.028	43	1568	124.258	ug/l	89
20) Methylene Chloride	4.799	84	2445	13.018	ug/l	96
25) 2-Butanone	7.105	43	173	10.484	ug/l #	42
36) 1,1-Dichloropropene	7.863	75	290	2.061	ug/l #	39
37) Ethyl Acetate	7.105	43	173	3.663	ug/l #	66
38) Carbon Tetrachloride	7.875	117	636	4.801	ug/l #	14
59) 2-Hexanone	11.034	43	62	2.243	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	3378	50.346	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	3378	123.852	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.216	105	910	2.000	ug/l	84
85) sec-Butylbenzene	13.216	105	910	1.499	ug/l #	56
95) Naphthalene	15.334	128	1917	7.423	ug/l #	83

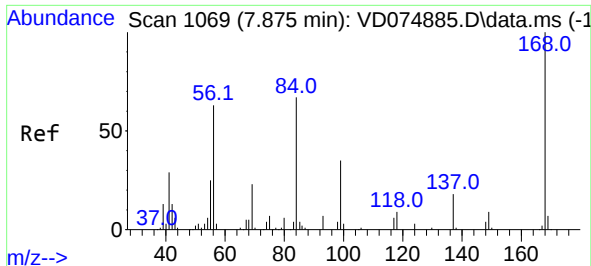
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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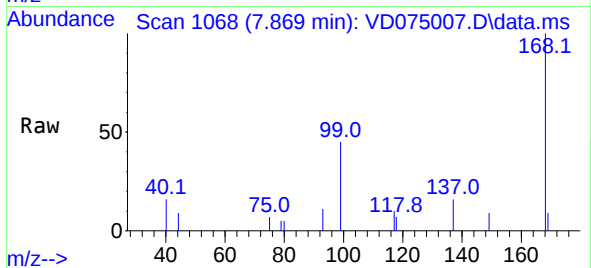
Quant Time: Nov 22 00:19:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
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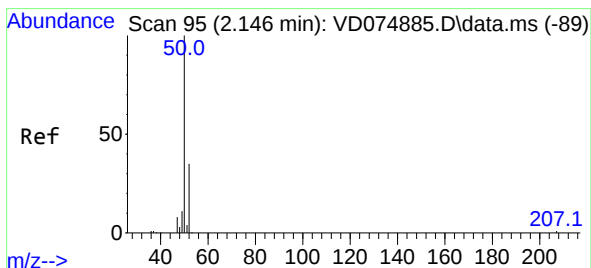
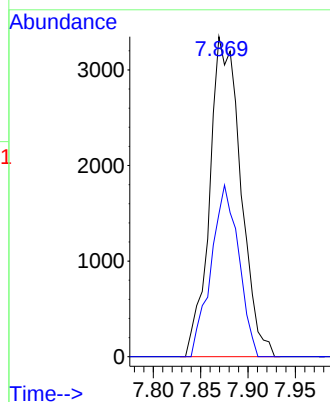
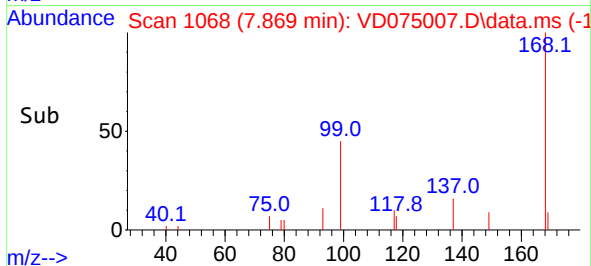


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :

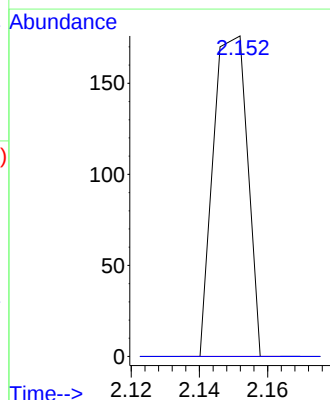
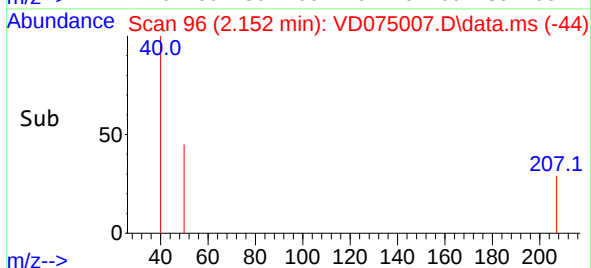
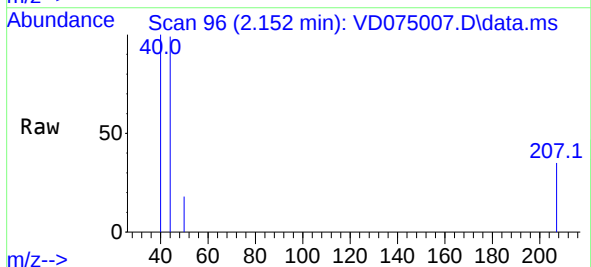


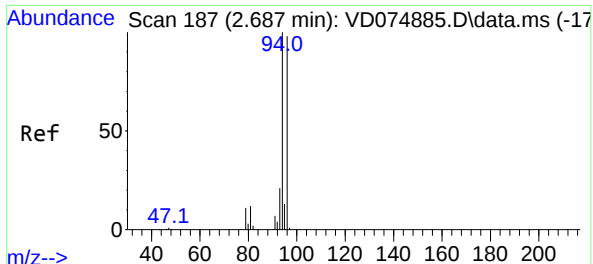
Tgt Ion:168 Resp: 7644
Ion Ratio Lower Upper
168 100
99 44.6 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Tgt Ion: 50 Resp: 122
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

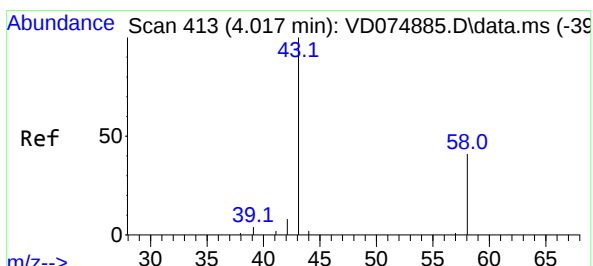
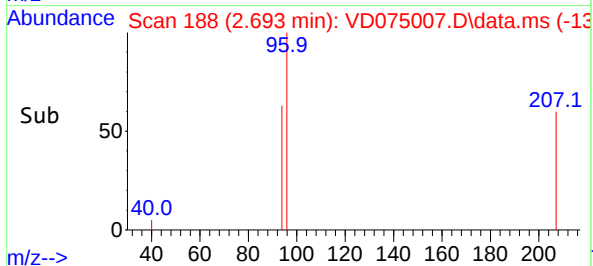
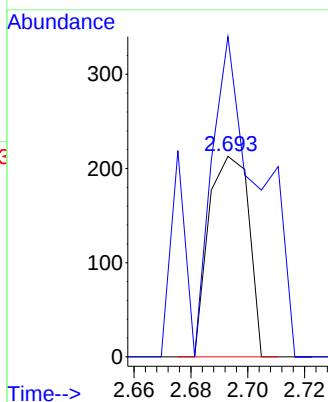
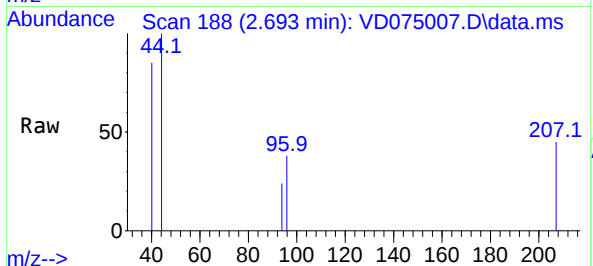




#5
Bromomethane
Concen: 1.629 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

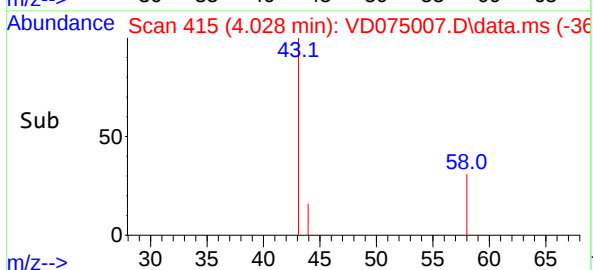
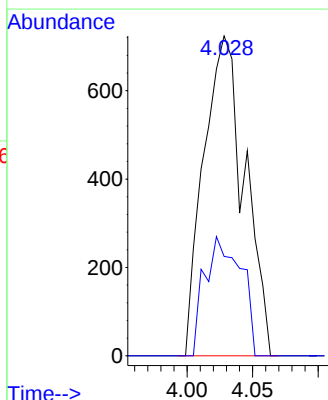
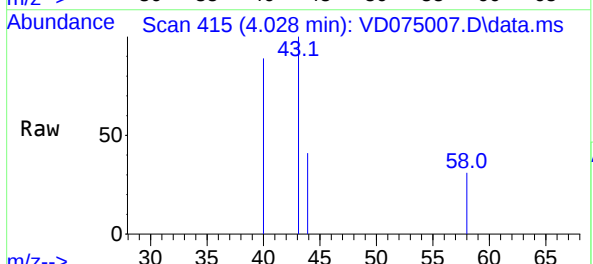
Instrument :
MSVOA_D
ClientSampleId :

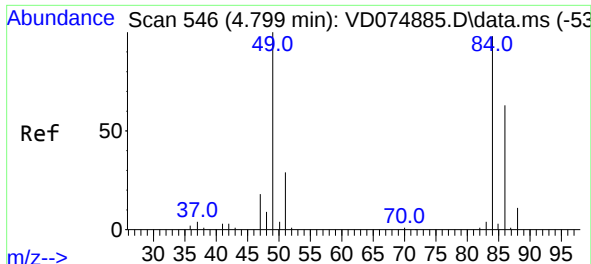
Tgt Ion: 94 Resp: 208
Ion Ratio Lower Upper
94 100
96 64.8 74.6 112.0#



#16
Acetone
Concen: 124.258 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

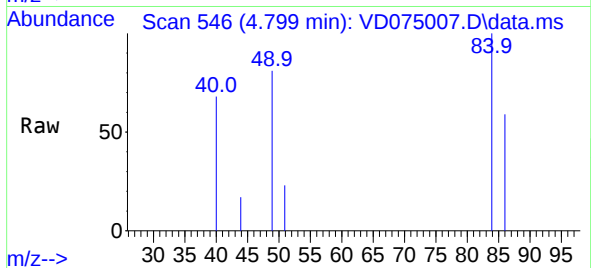
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 31.1 30.2 45.2





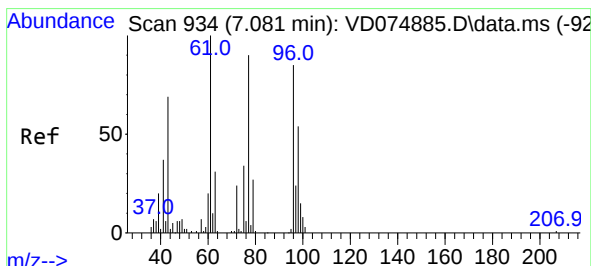
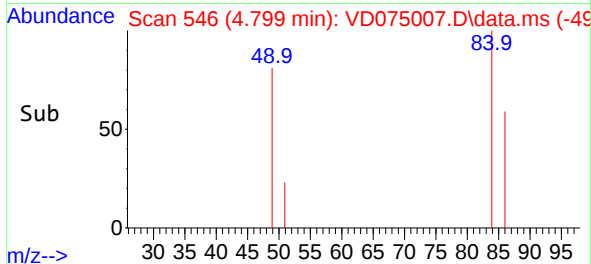
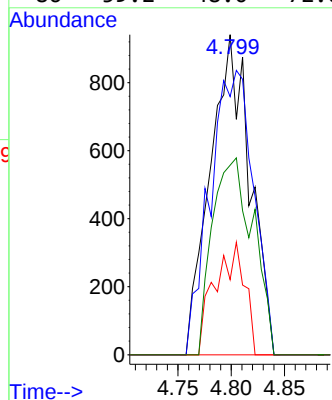
#20
Methylene Chloride
Concen: 13.018 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 2445

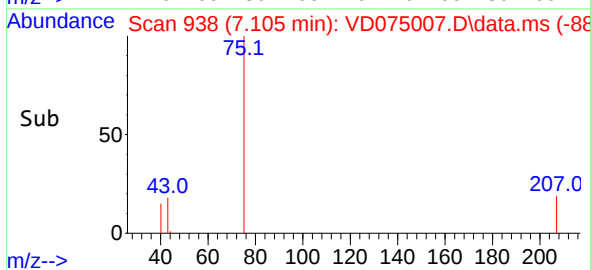
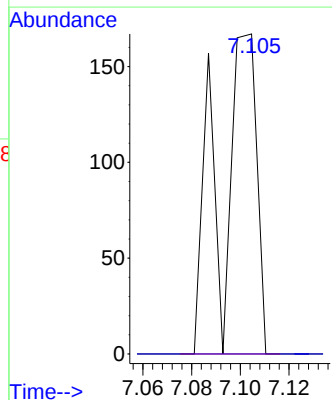
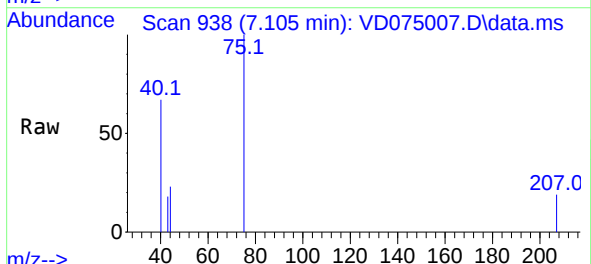
Ion	Ratio	Lower	Upper
84	100		
49	80.7	68.0	102.0
51	23.5	23.2	34.8
86	59.2	48.0	72.0

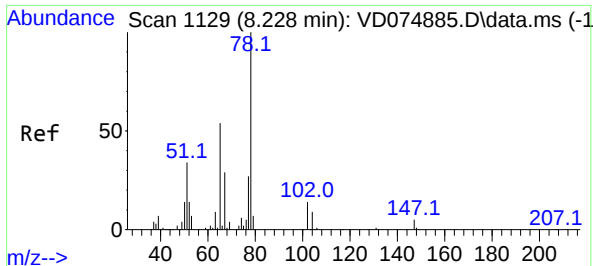


#25
2-Butanone
Concen: 10.484 ug/l
RT: 7.105 min Scan# 938
Delta R.T. 0.024 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Tgt Ion: 43 Resp: 173

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8





#33

1,2-Dichloroethane-d4

Concen: 207.247 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075007.D

Acq: 21 Nov 2022 16:48

Instrument :

MSVOA_D

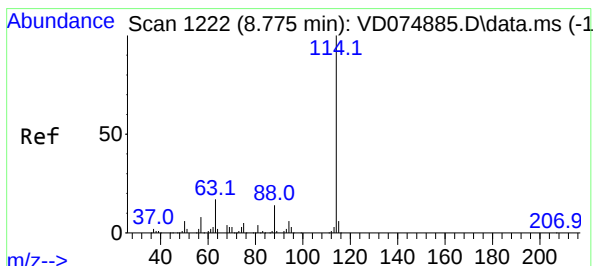
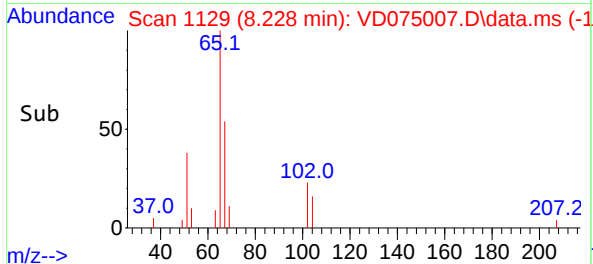
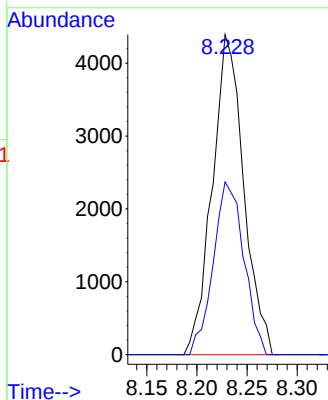
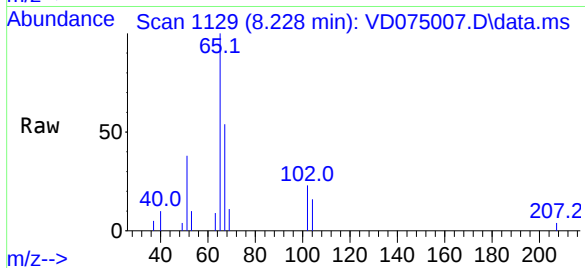
ClientSampleId :

Tgt Ion: 65 Resp: 9580

Ion Ratio Lower Upper

65 100

67 52.5 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: VD075007.D

Acq: 21 Nov 2022 16:48

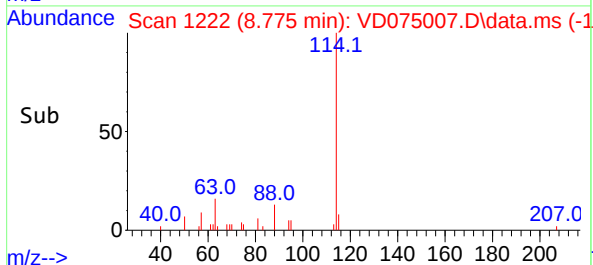
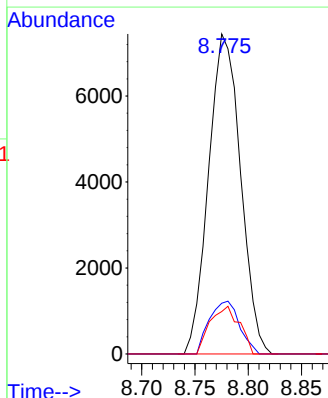
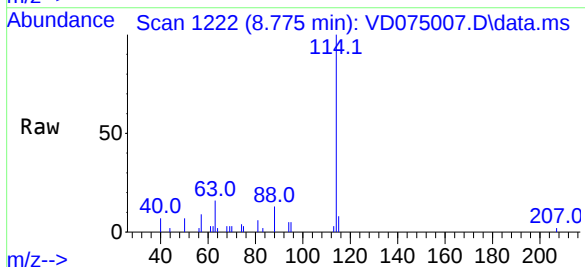
Tgt Ion: 114 Resp: 15534

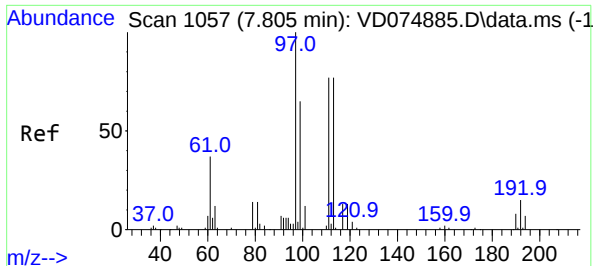
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.2

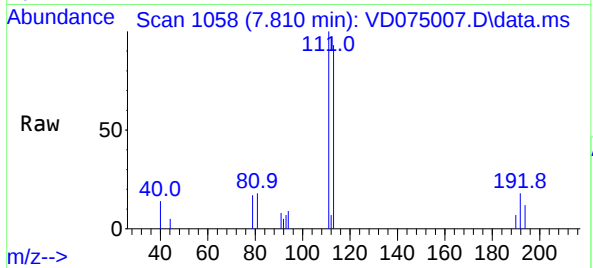
88 13.3 0.0 28.2





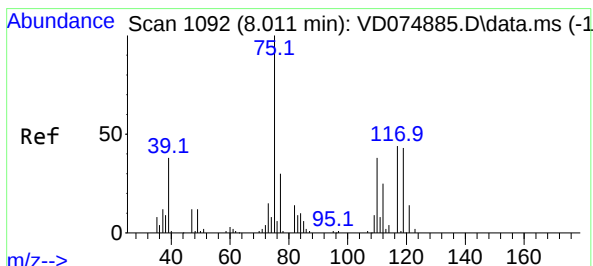
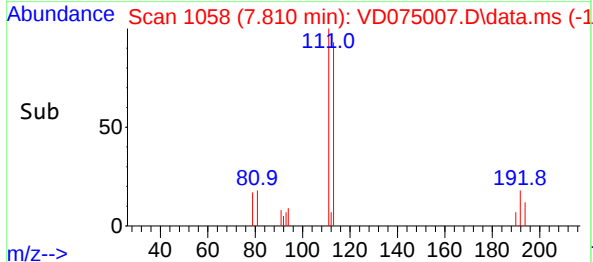
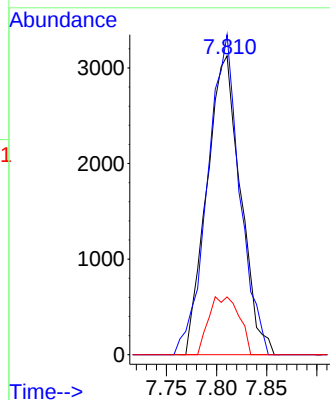
#35
 Dibromofluoromethane
 Concen: 76.371 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.005 min
 Lab File: VD075007.D
 Acq: 21 Nov 2022 16:48

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:113 Resp: 7313

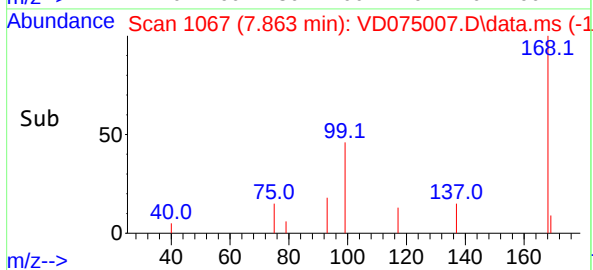
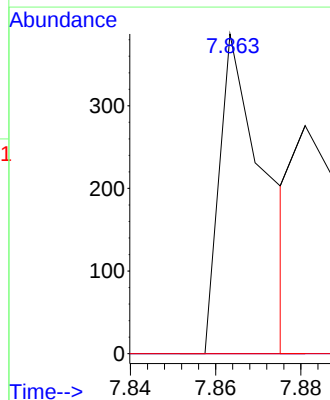
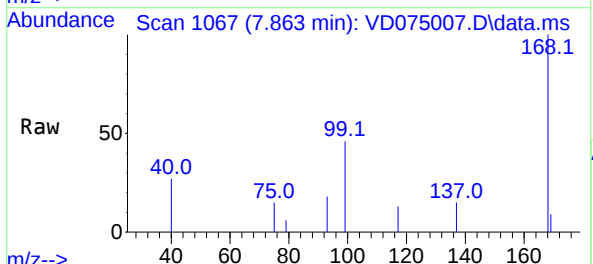
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	17.5	16.4	24.6

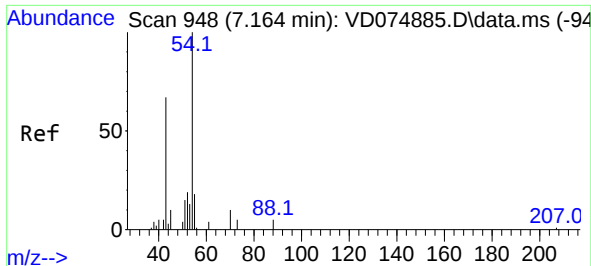


#36
 1,1-Dichloropropene
 Concen: 2.061 ug/l
 RT: 7.863 min Scan# 1067
 Delta R.T. -0.148 min
 Lab File: VD075007.D
 Acq: 21 Nov 2022 16:48

Tgt Ion: 75 Resp: 290

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.0#
77	0.0	25.4	38.2#





#37

Ethyl Acetate

Concen: 3.663 ug/l

RT: 7.105 min Scan# 91

Delta R.T. -0.059 min

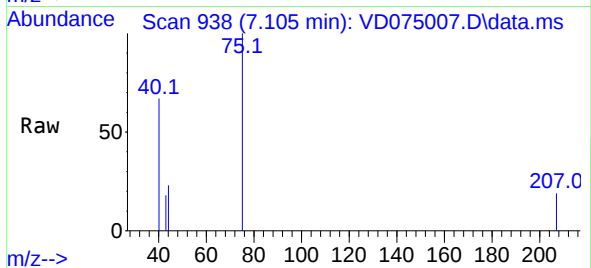
Lab File: VD075007.D

Acq: 21 Nov 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :



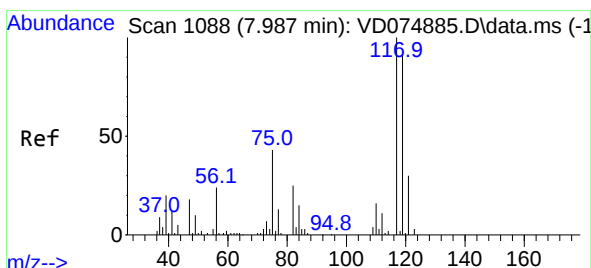
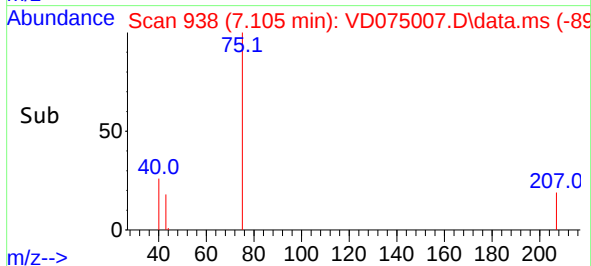
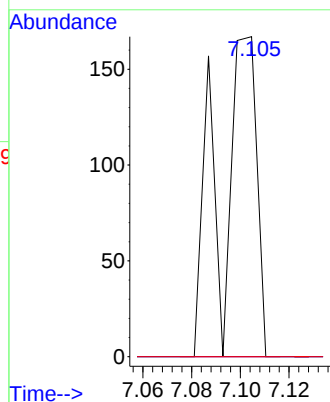
Tgt Ion: 43 Resp: 173

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 4.801 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD075007.D

Acq: 21 Nov 2022 16:48

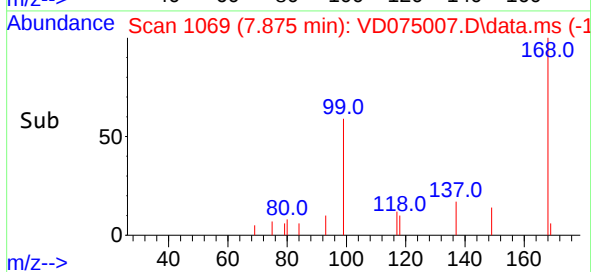
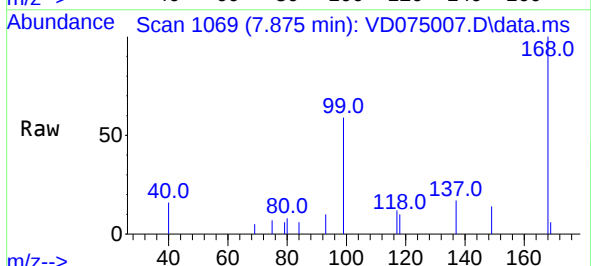
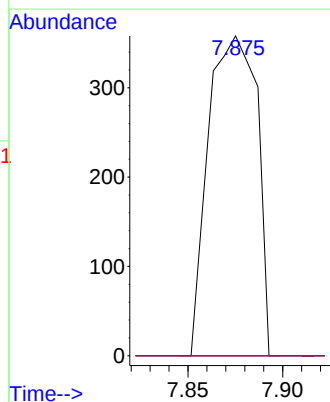
Tgt Ion: 117 Resp: 636

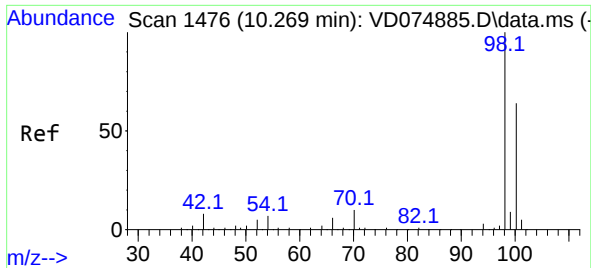
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

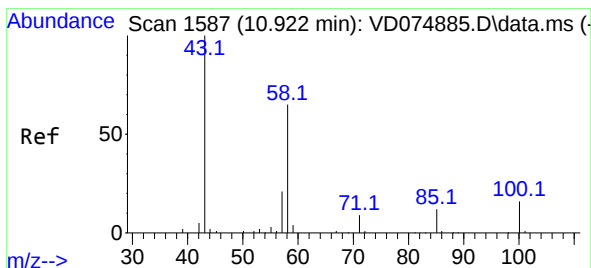
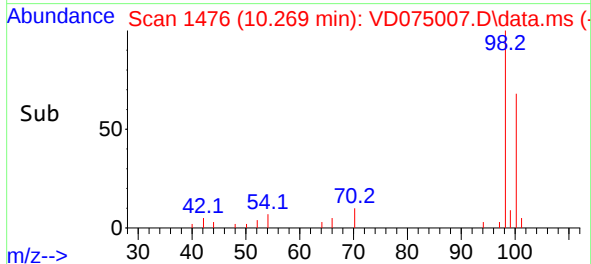
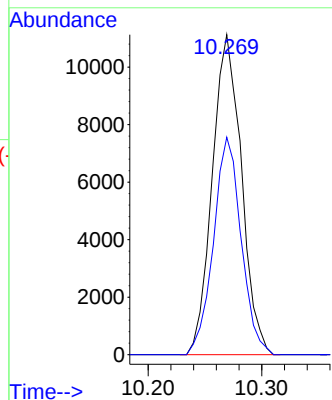
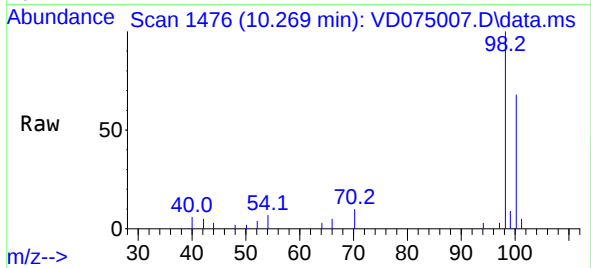




#50
Toluene-d8
Concen: 62.852 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

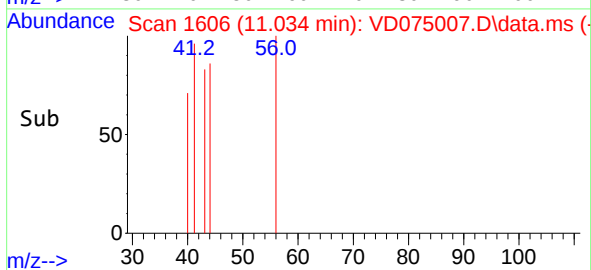
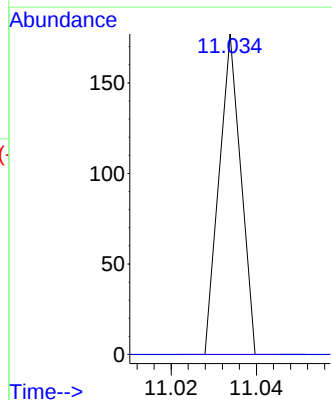
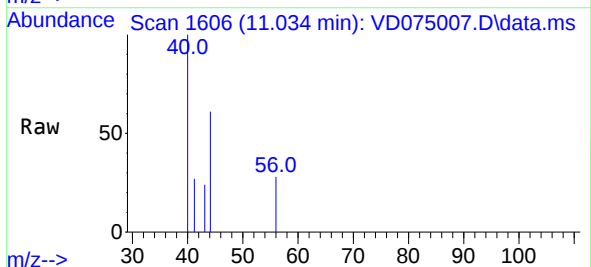
Instrument :
MSVOA_D
ClientSampleId :

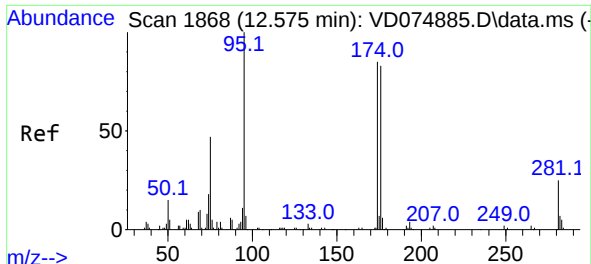
Tgt Ion: 98 Resp: 19825
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#59
2-Hexanone
Concen: 2.243 ug/l
RT: 11.034 min Scan# 1606
Delta R.T. 0.112 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

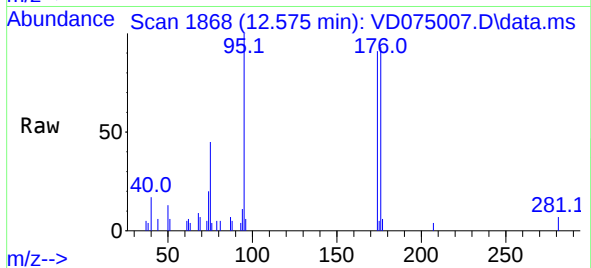
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 32.0 96.2#



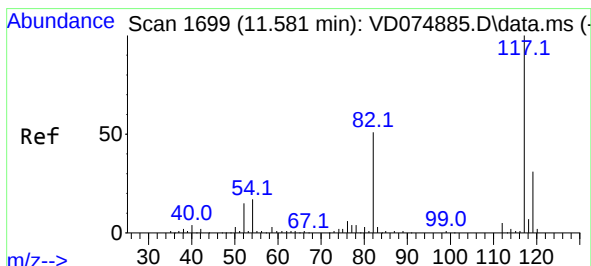
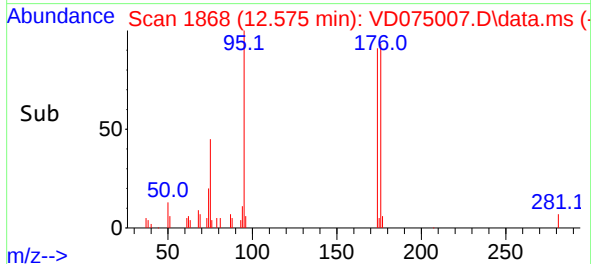
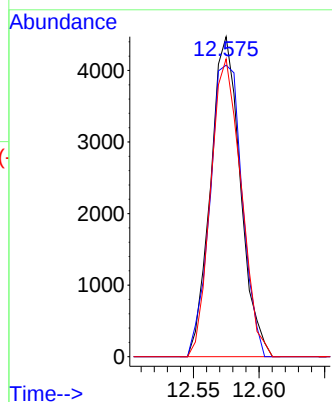


#62
4-Bromofluorobenzene
Concen: 72.953 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :

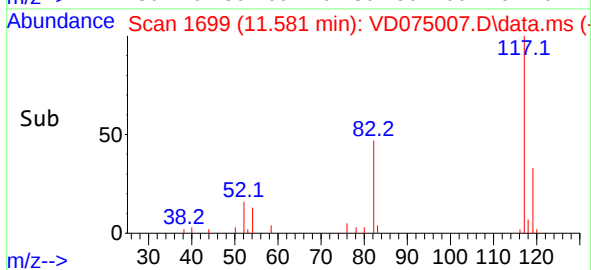
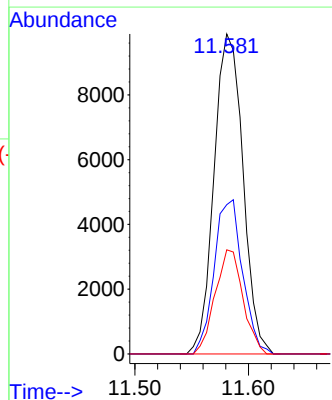
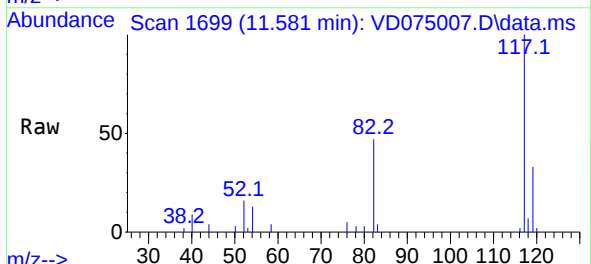


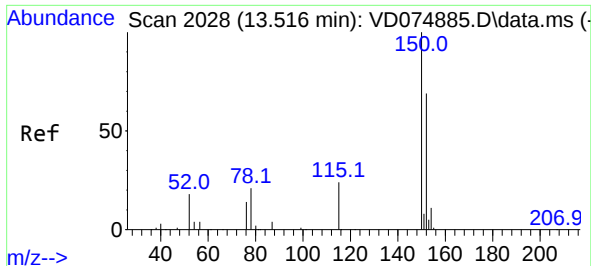
Tgt Ion: 95 Resp: 7066
Ion Ratio Lower Upper
95 100
174 98.1 0.0 197.0
176 94.7 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

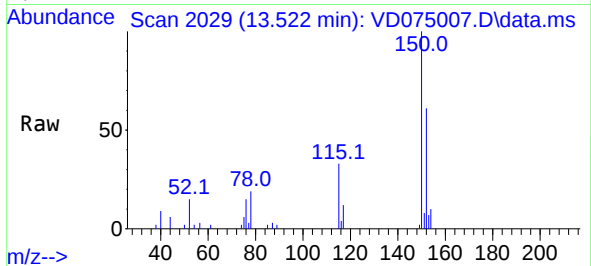
Tgt Ion: 117 Resp: 17478
Ion Ratio Lower Upper
117 100
82 46.6 41.6 62.4
119 32.6 25.2 37.8



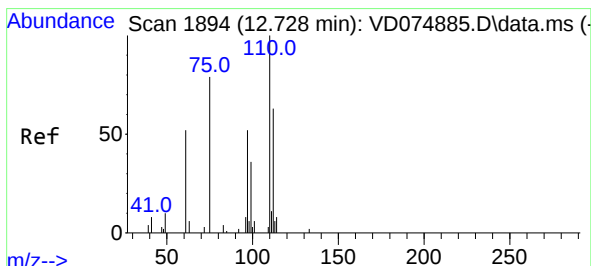
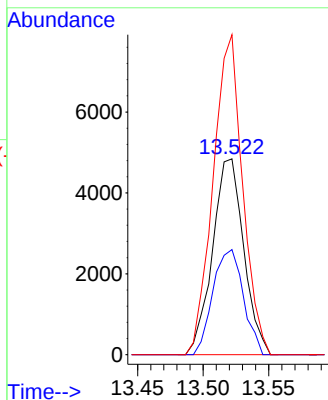
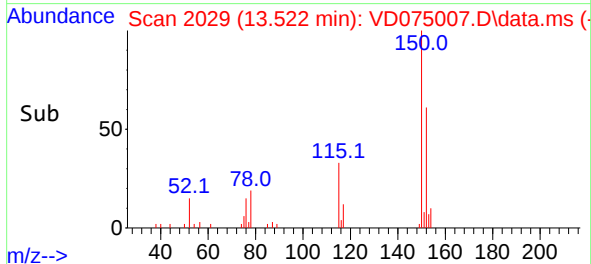


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD075007.D
 Acq: 21 Nov 2022 16:48

Instrument :
 MSVOA_D
 ClientSampleId :

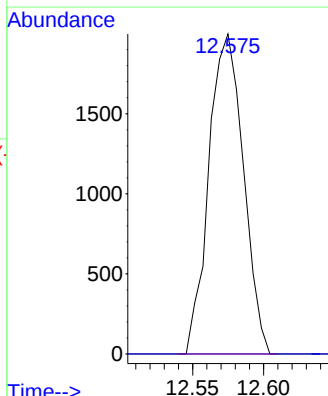
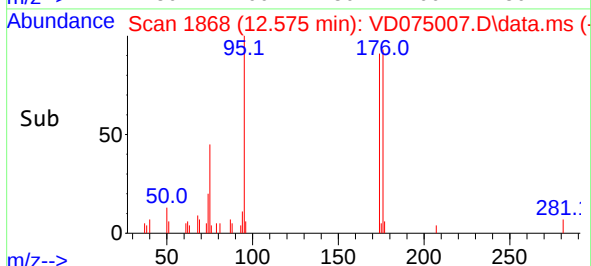
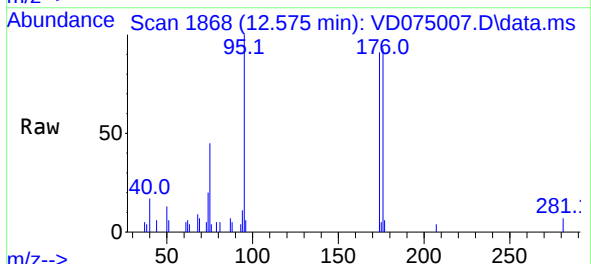


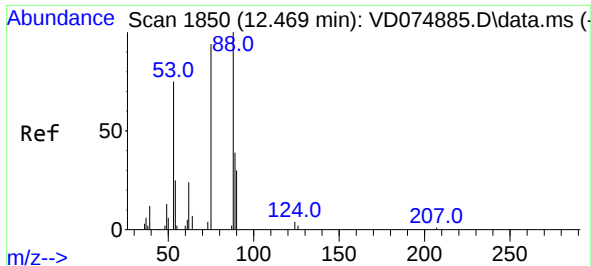
Tgt Ion:152 Resp: 8022
 Ion Ratio Lower Upper
 152 100
 115 52.2 26.8 80.4
 150 154.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 50.346 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075007.D
 Acq: 21 Nov 2022 16:48

Tgt Ion: 75 Resp: 3378
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

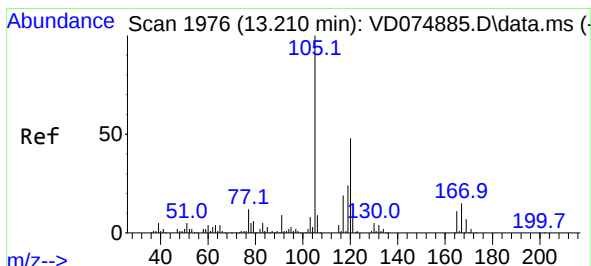
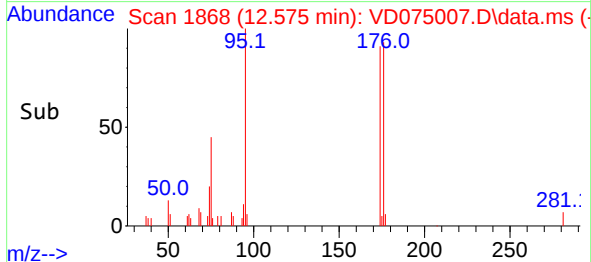
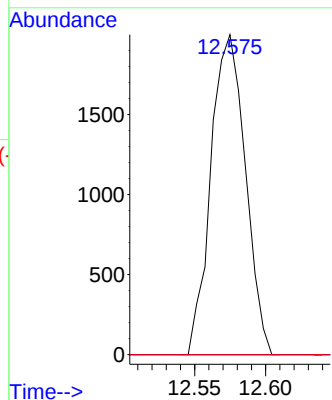
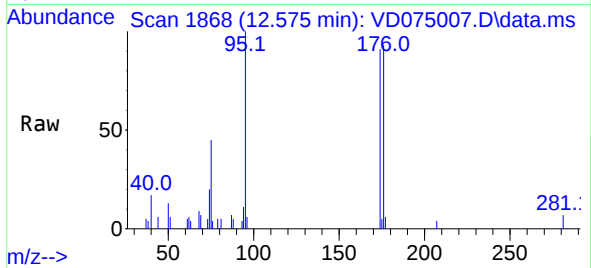




#81
trans-1,4-Dichloro-2-butene
Concen: 123.852 ug/l
RT: 12.575 min Scan# 1850
Delta R.T. 0.106 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

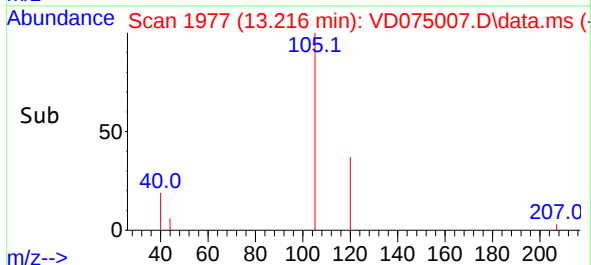
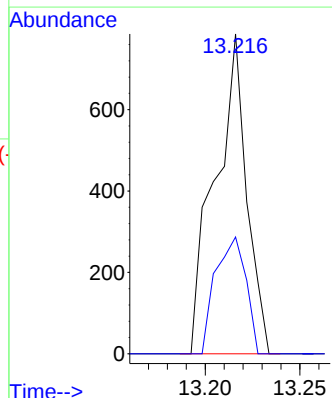
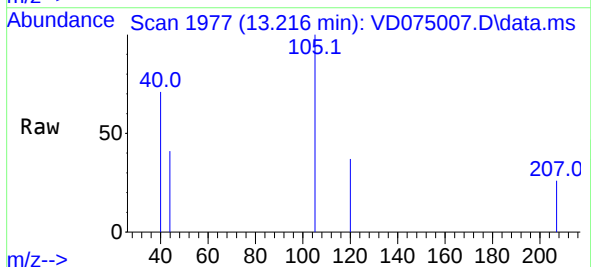
Instrument :
MSVOA_D
ClientSampleId :

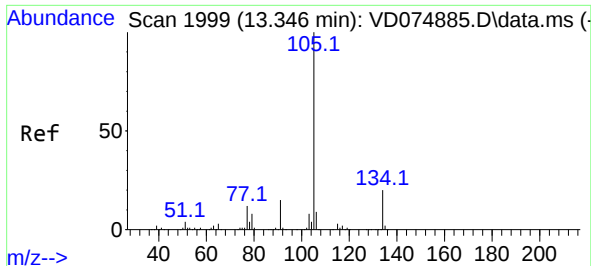
Tgt Ion: 75 Resp: 3378
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 2.000 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

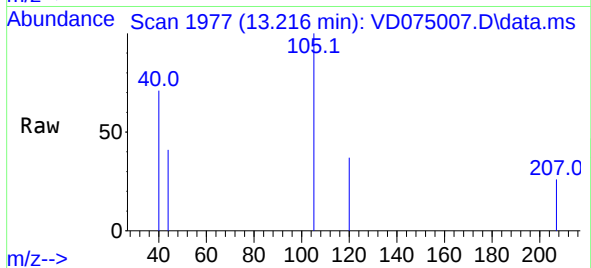
Tgt Ion: 105 Resp: 910
Ion Ratio Lower Upper
105 100
120 35.1 22.9 68.7



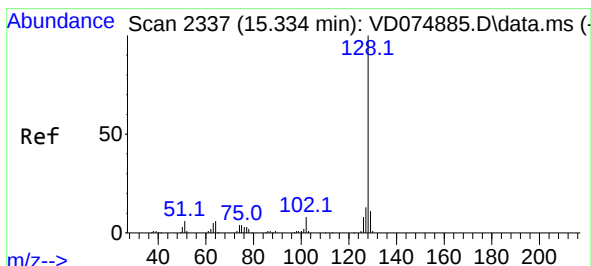
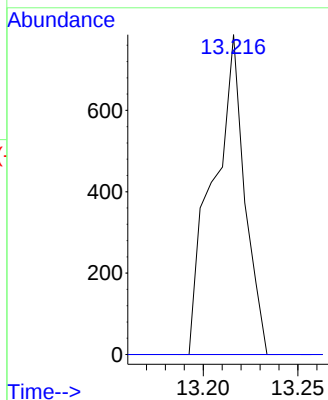
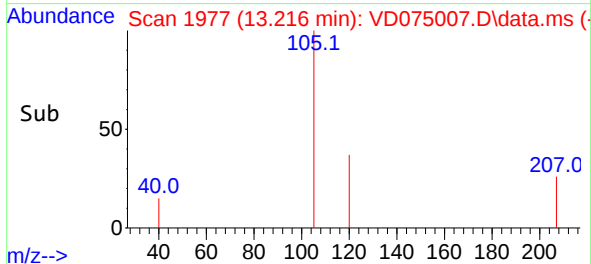


#85
sec-Butylbenzene
Concen: 1.499 ug/l
RT: 13.216 min Scan# 1999
Delta R.T. -0.130 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:105 Resp: 910
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#



#95
Naphthalene
Concen: 7.423 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075007.D
Acq: 21 Nov 2022 16:48

Tgt Ion:128 Resp: 1917
Ion Ratio Lower Upper
128 100
127 7.0 10.6 16.0#
129 3.5 8.3 12.5#

