

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075009.D
 Acq On : 21 Nov 2022 17:44
 Operator : VA/SY
 Sample : N5695-01RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 00:19:22 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)

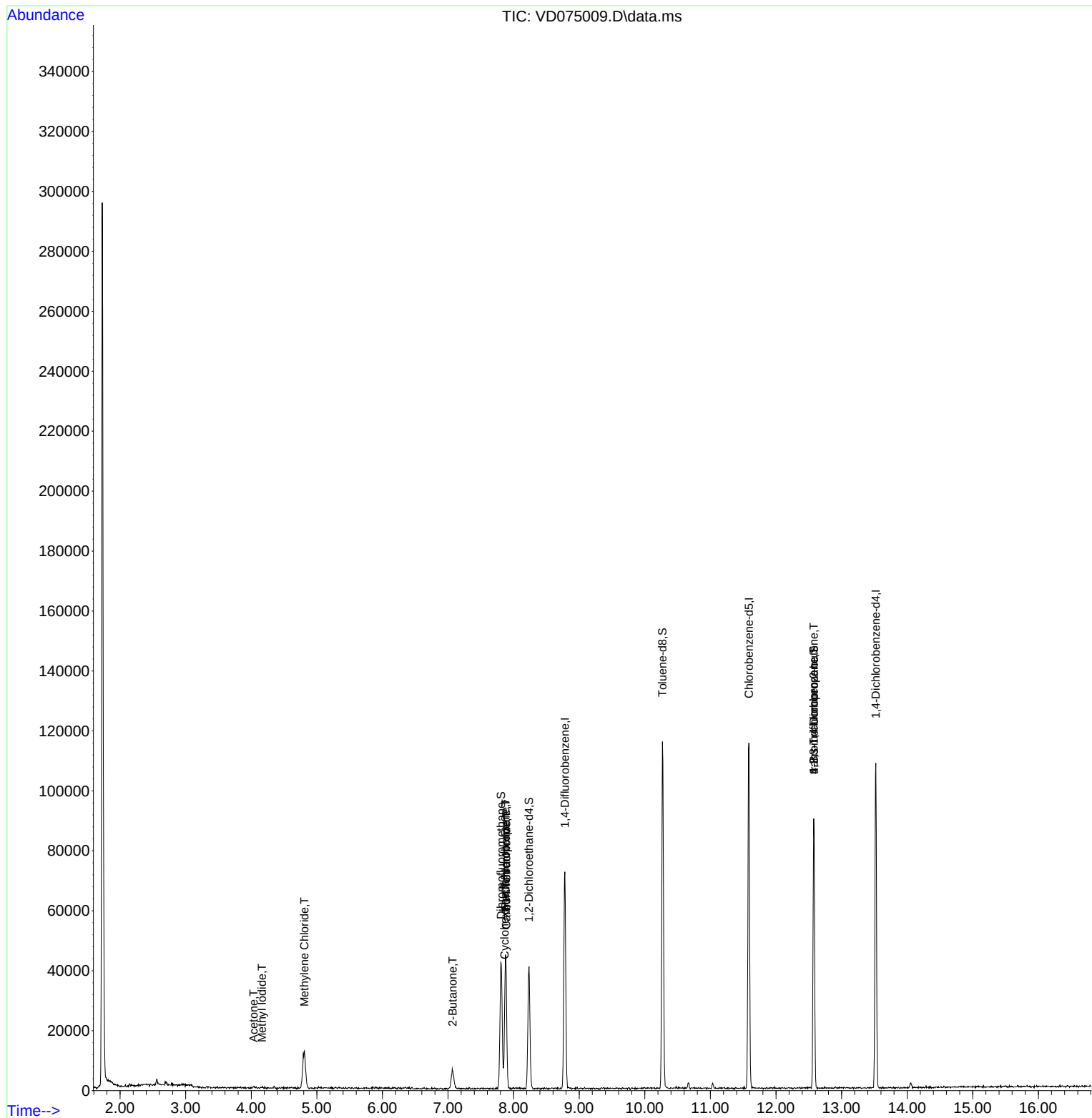
Internal Standards						
1) Pentafluorobenzene	7.875	168	38358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	73286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	74806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	32367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32600	138.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 276.760%#	
35) Dibromofluoromethane	7.810	113	31500	69.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.460%	
50) Toluene-d8	10.269	98	85360	57.361	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.720%	
62) 4-Bromofluorobenzene	12.575	95	27048	59.193	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.380%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	480	Below Cal		93
10) Methyl Iodide	4.164	142	380	5.508	ug/l #	43
16) Acetone	4.034	43	563	8.891	ug/l #	37
20) Methylene Chloride	4.811	84	10868	9.472	ug/l	95
25) 2-Butanone	7.069	43	187	2.258	ug/l #	42
31) Cyclohexane	7.863	56	653	1.168	ug/l #	68
36) 1,1-Dichloropropene	7.881	75	2718	4.094	ug/l #	39
38) Carbon Tetrachloride	7.887	117	3552	5.684	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	13565	50.107	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	13565	123.266	ug/l #	17

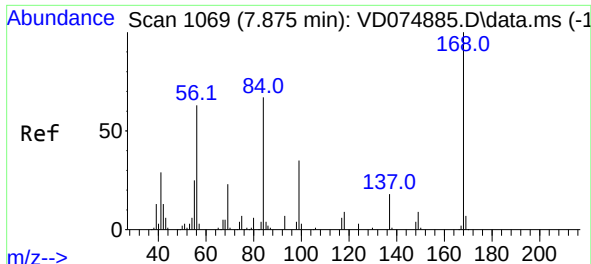
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

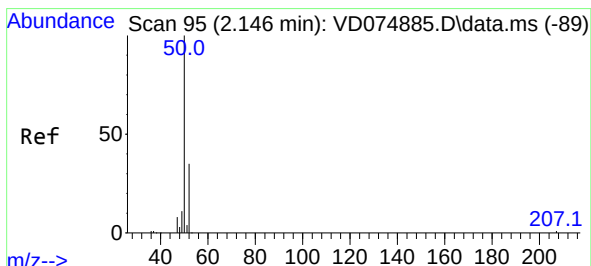
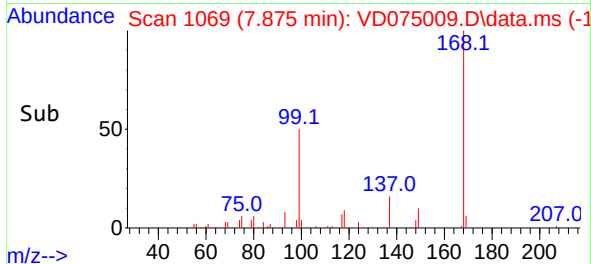
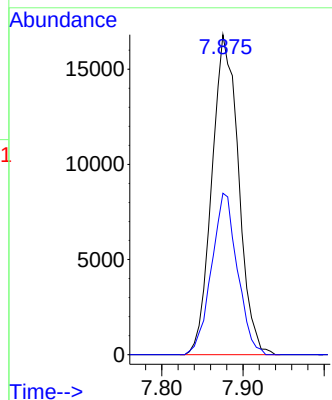
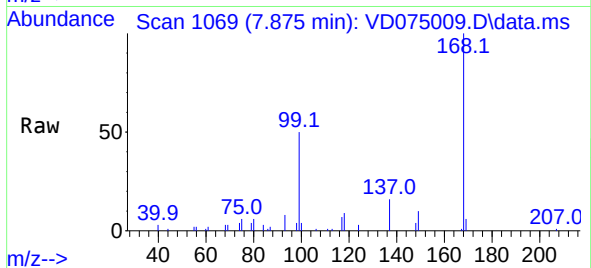




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

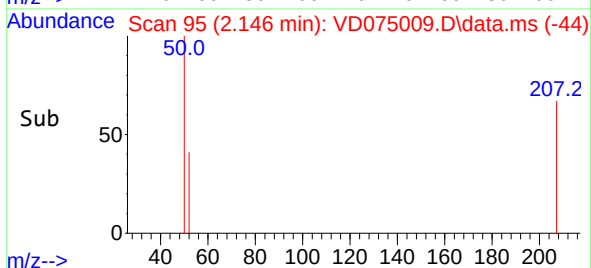
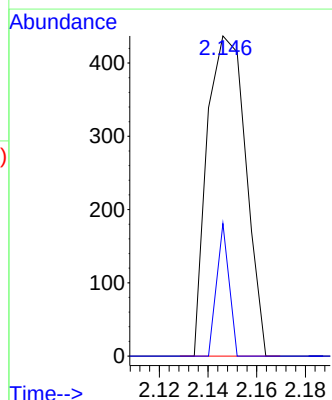
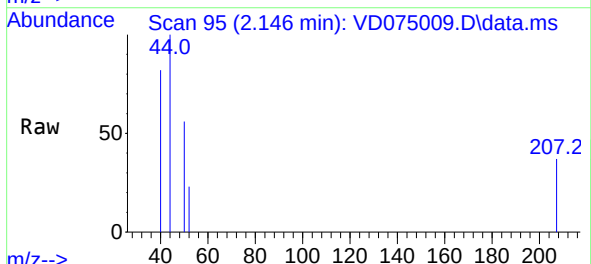
Instrument :
MSVOA_D
ClientSampleId :

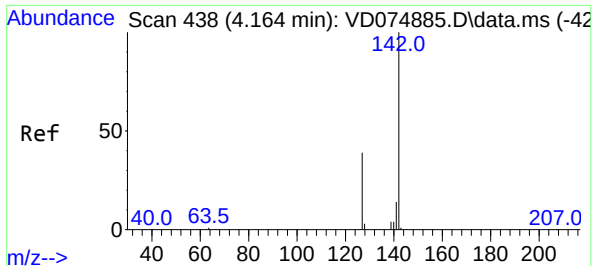
Tgt Ion:168 Resp: 38358
Ion Ratio Lower Upper
168 100
99 50.4 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

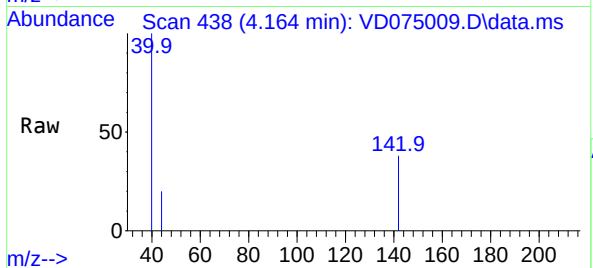
Tgt Ion: 50 Resp: 480
Ion Ratio Lower Upper
50 100
52 41.4 30.0 45.0



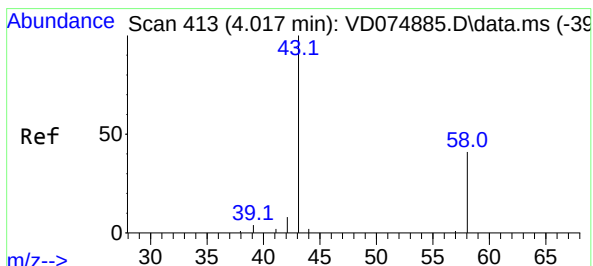
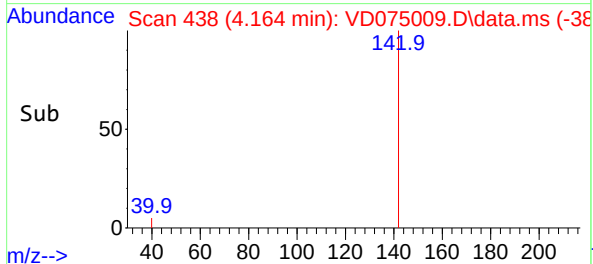
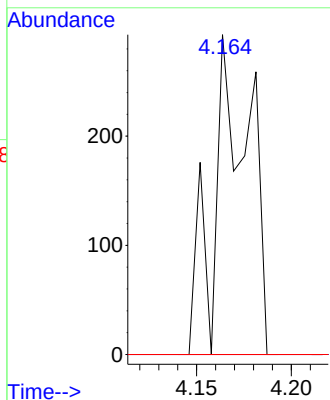


#10
Methyl Iodide
Concen: 5.508 ug/l
RT: 4.164 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

Instrument :
MSVOA_D
ClientSampleId :

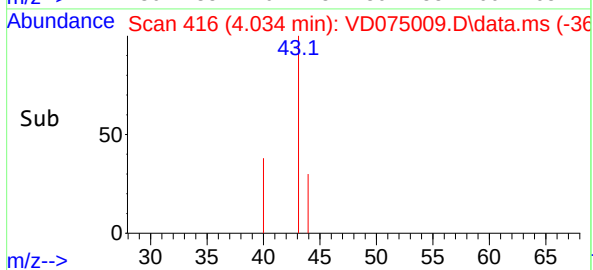
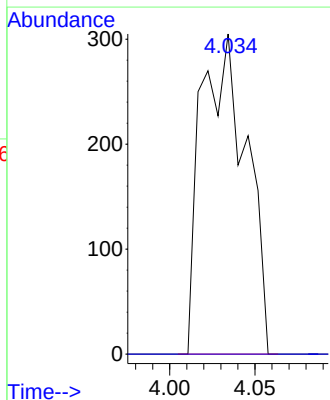
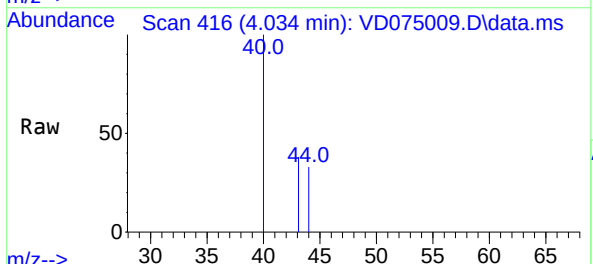


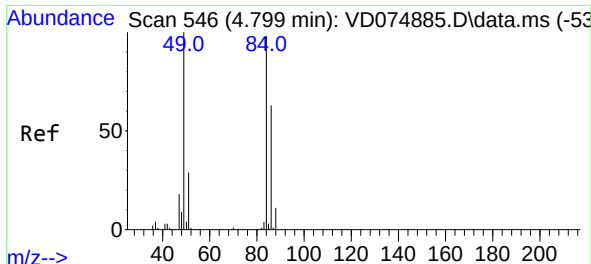
Tgt Ion:142 Resp: 380
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 8.891 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

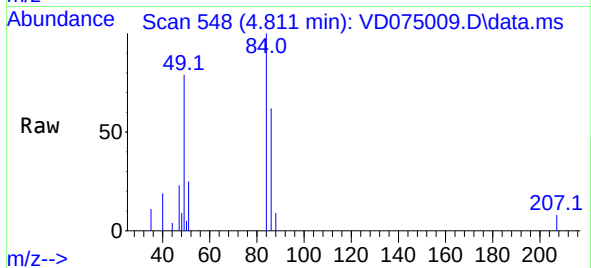
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#





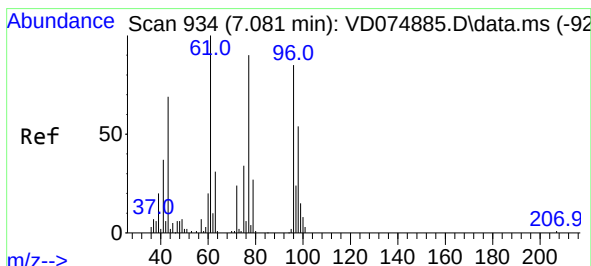
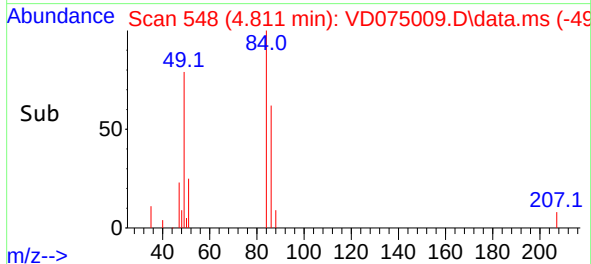
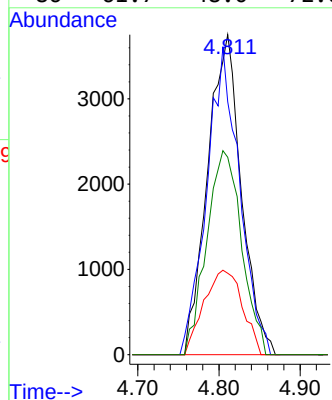
#20
Methylene Chloride
Concen: 9.472 ug/l
RT: 4.811 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 10868

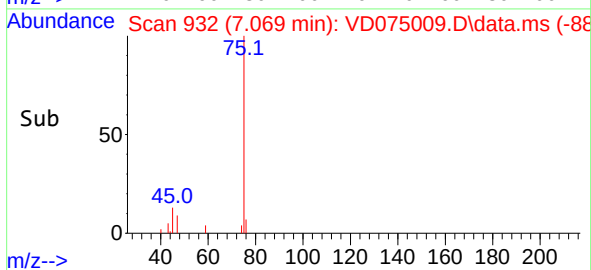
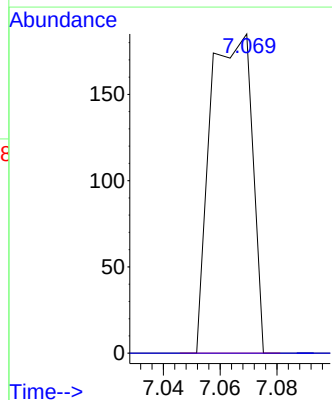
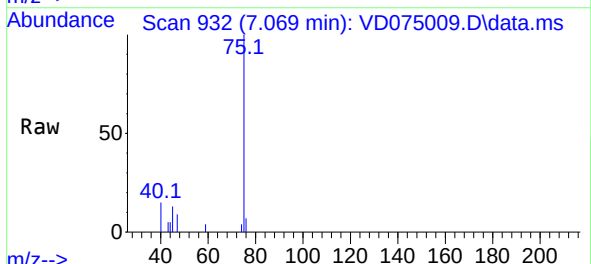
Ion	Ratio	Lower	Upper
84	100		
49	79.0	68.0	102.0
51	25.4	23.2	34.8
86	61.7	48.0	72.0

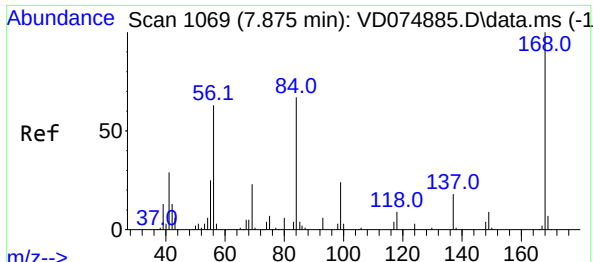


#25
2-Butanone
Concen: 2.258 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

Tgt Ion: 43 Resp: 187

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8





#31

Cyclohexane

Concen: 1.168 ug/l

RT: 7.863 min Scan# 110

Delta R.T. -0.012 min

Lab File: VD075009.D

Acq: 21 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

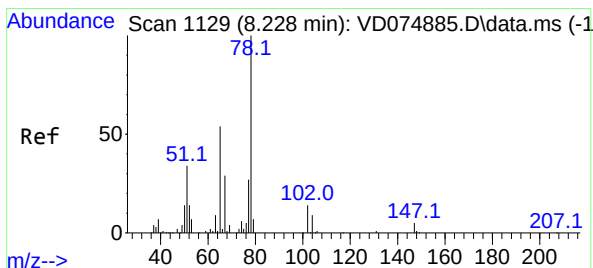
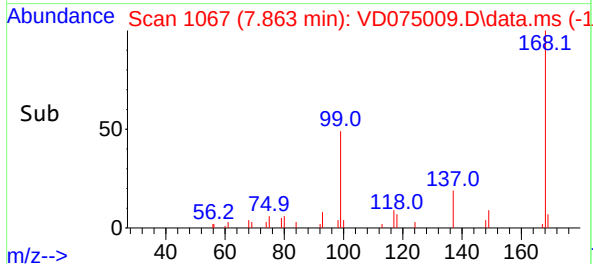
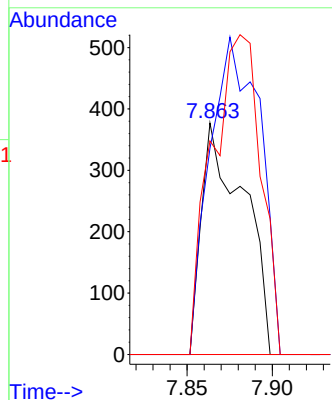
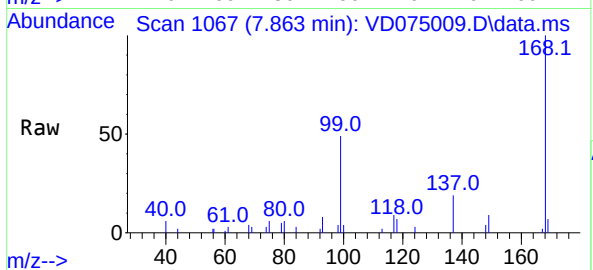
Tgt Ion: 56 Resp: 653

Ion Ratio Lower Upper

56 100

69 89.1 29.2 43.8#

84 92.3 83.4 125.2



#33

1,2-Dichloroethane-d4

Concen: 138.378 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075009.D

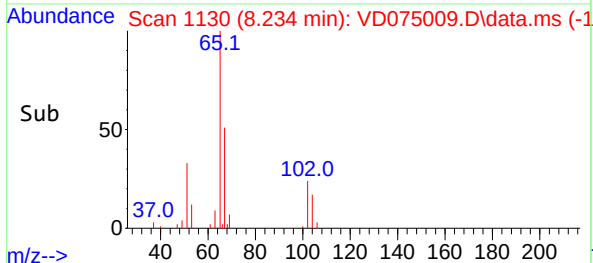
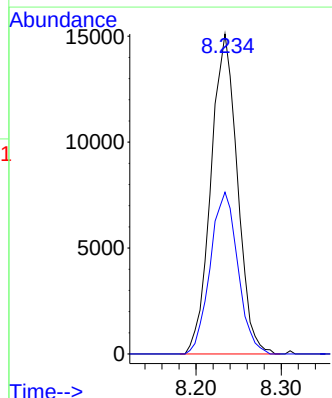
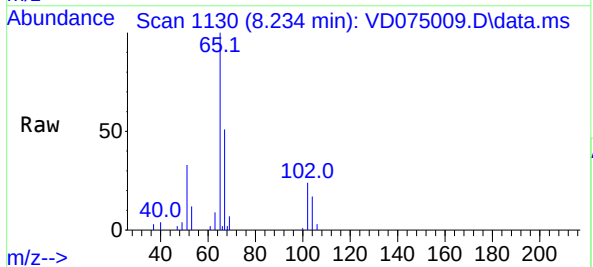
Acq: 21 Nov 2022 17:44

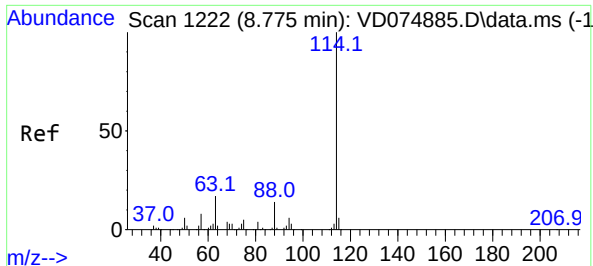
Tgt Ion: 65 Resp: 32600

Ion Ratio Lower Upper

65 100

67 52.8 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: VD075009.D

Acq: 21 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

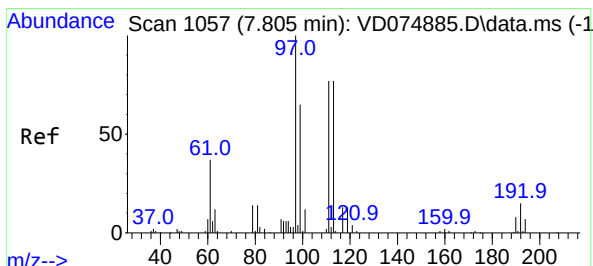
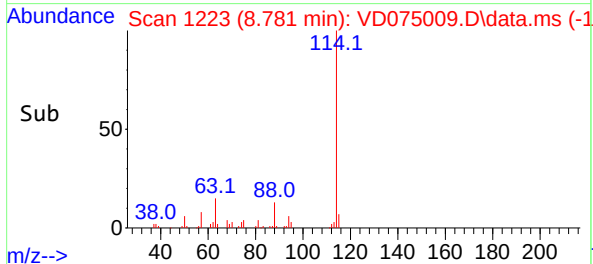
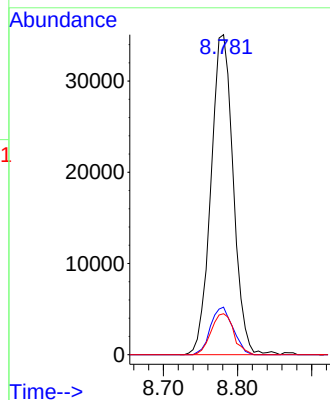
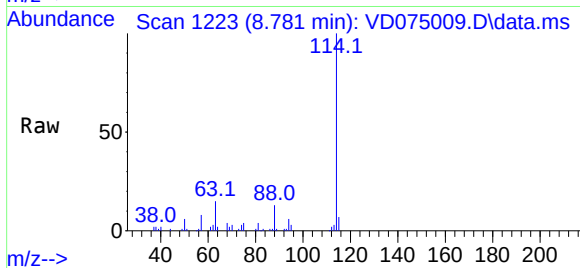
Tgt Ion:114 Resp: 73286

Ion Ratio Lower Upper

114 100

63 14.8 0.0 33.2

88 12.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 69.728 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075009.D

Acq: 21 Nov 2022 17:44

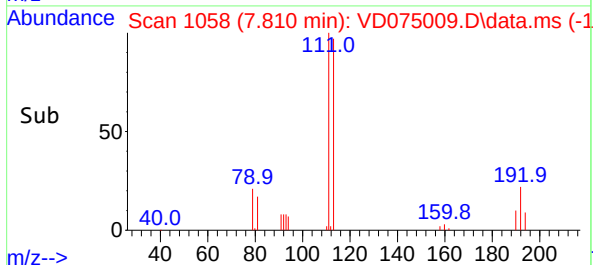
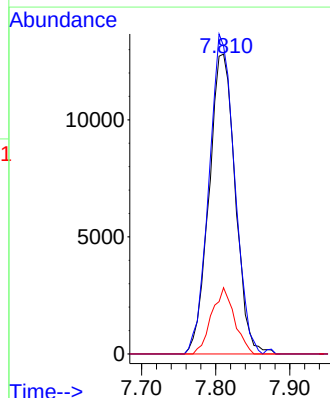
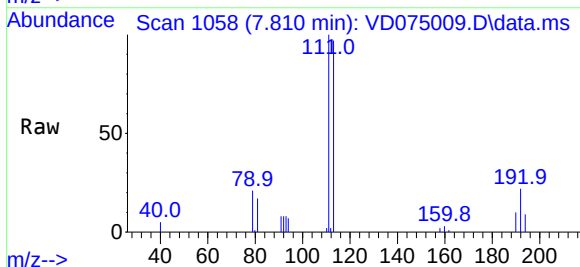
Tgt Ion:113 Resp: 31500

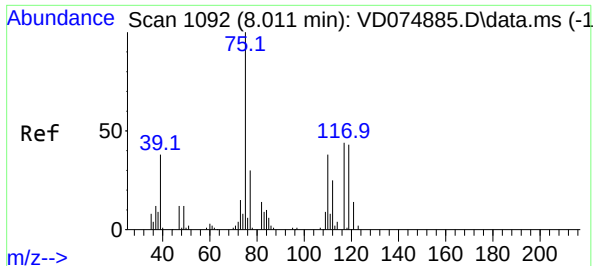
Ion Ratio Lower Upper

113 100

111 104.1 82.3 123.5

192 19.1 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.094 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD075009.D

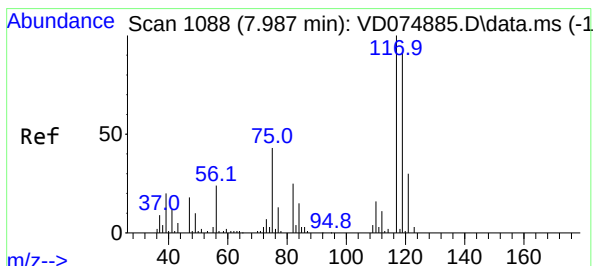
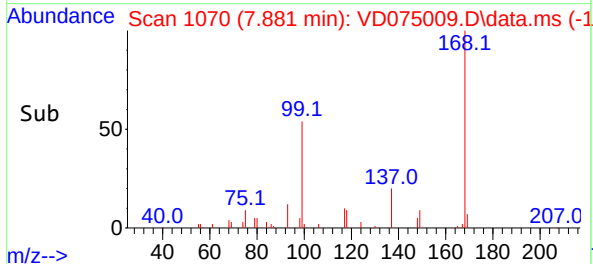
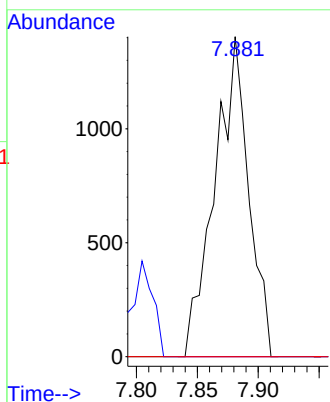
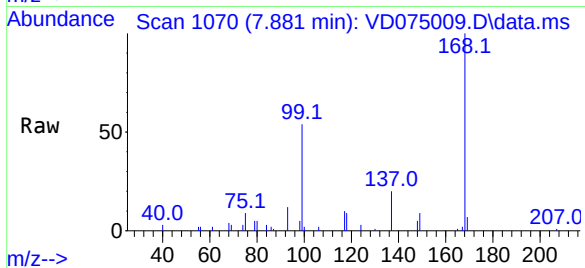
Acq: 21 Nov 2022 17:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp:	2718
Ion Ratio	Lower	Upper
75	100	
110	0.0	19.7 59.0#
77	0.0	25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.684 ug/l

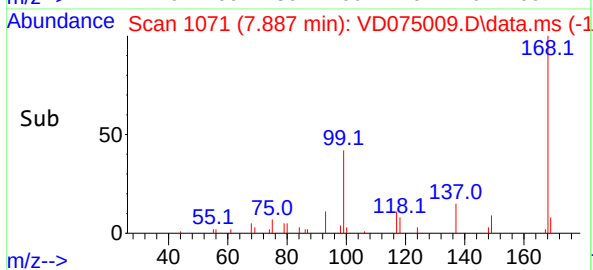
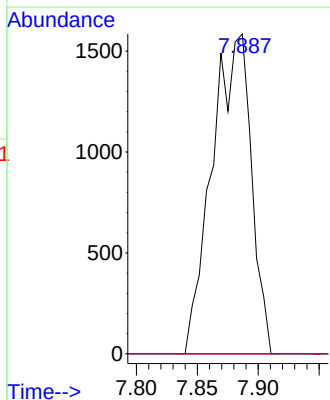
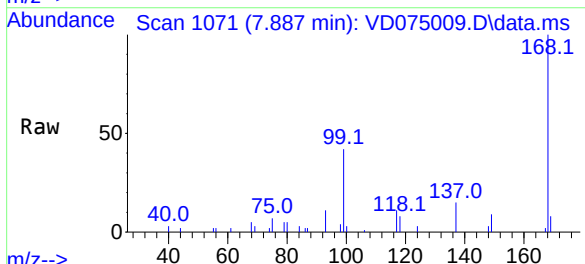
RT: 7.887 min Scan# 1071

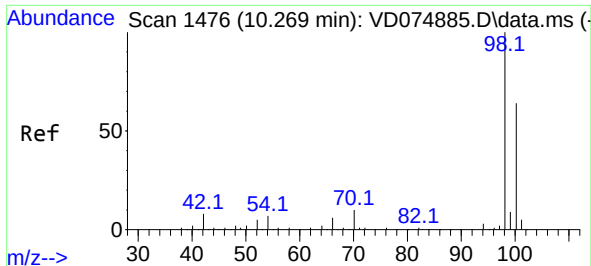
Delta R.T. -0.100 min

Lab File: VD075009.D

Acq: 21 Nov 2022 17:44

Tgt Ion: 117	Resp:	3552
Ion Ratio	Lower	Upper
117	100	
119	0.0	73.1 109.7#
121	0.0	25.0 37.6#

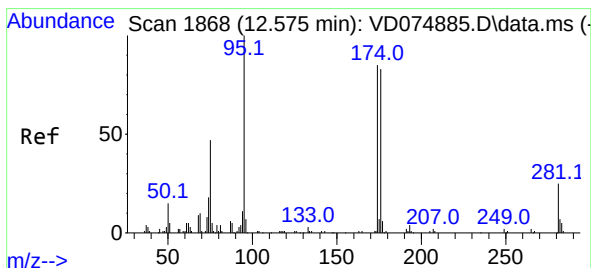
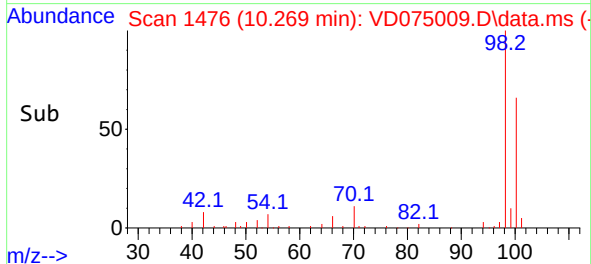
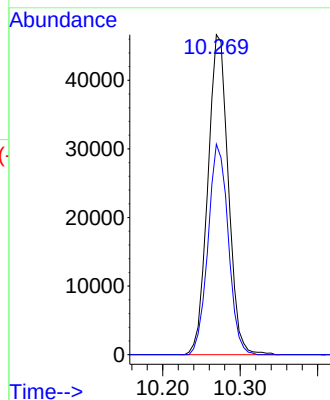
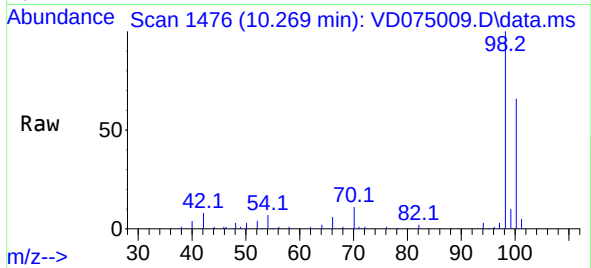




#50
Toluene-d8
Concen: 57.361 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

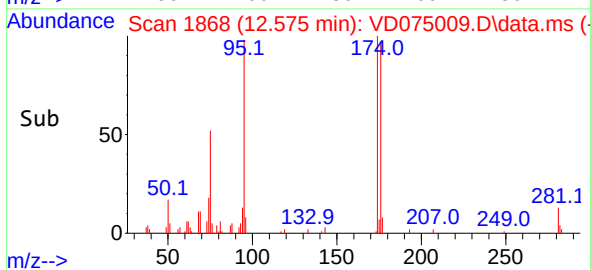
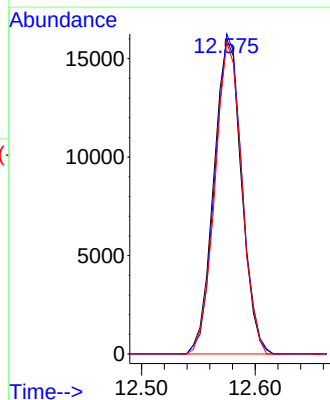
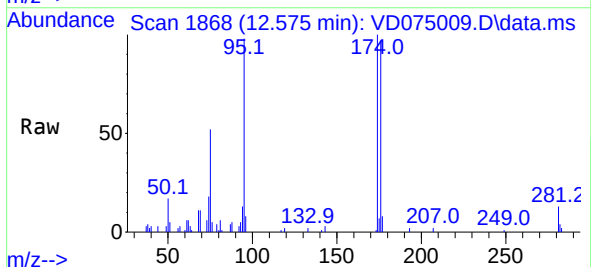
Instrument :
MSVOA_D
ClientSampleId :

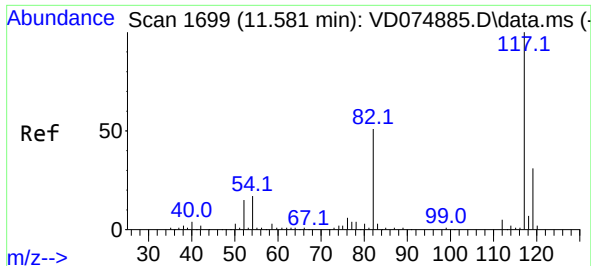
Tgt Ion: 98 Resp: 85360
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 59.193 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

Tgt Ion: 95 Resp: 27048
Ion Ratio Lower Upper
95 100
174 99.8 0.0 197.0
176 96.2 0.0 182.6

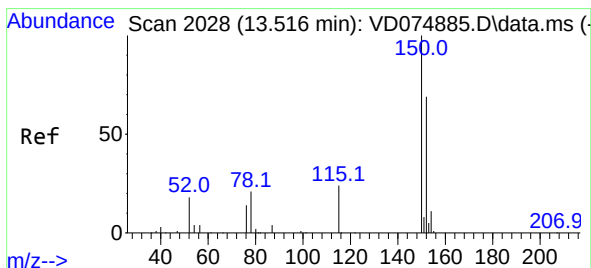
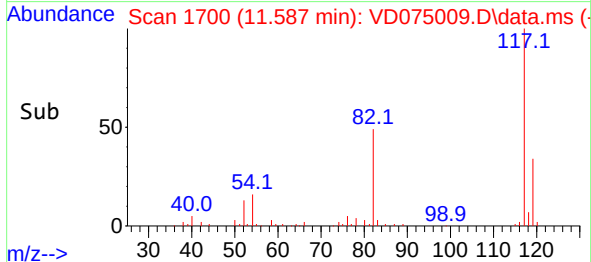
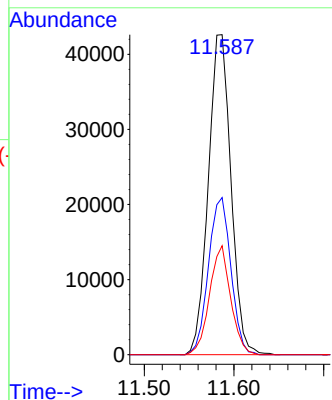
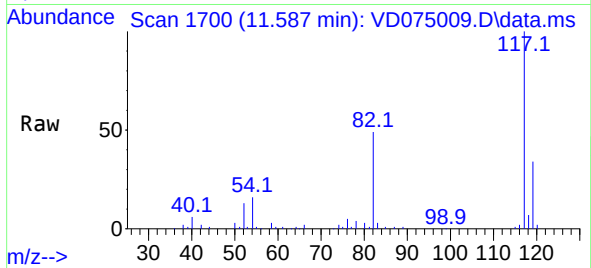




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

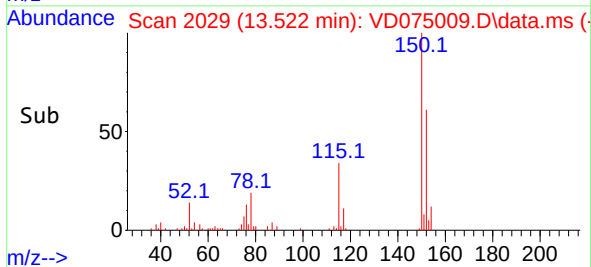
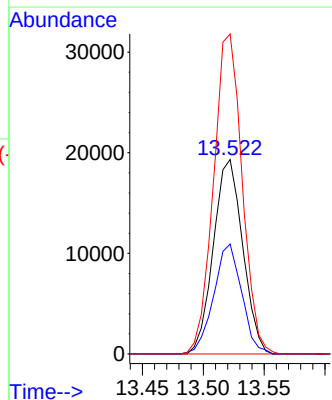
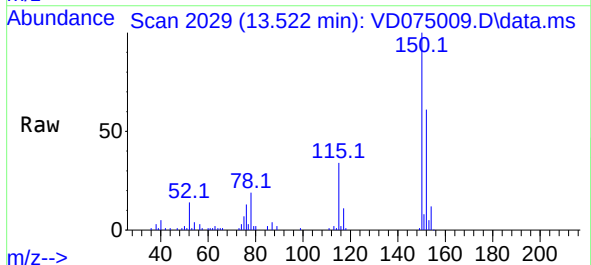
Instrument :
MSVOA_D
ClientSampleId :

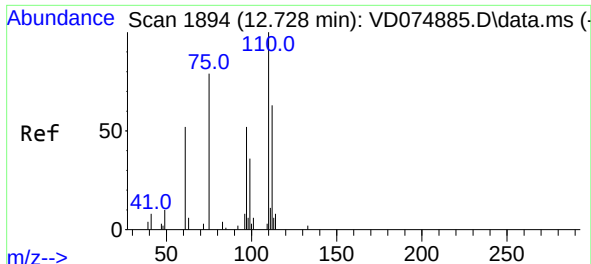
Tgt Ion:117 Resp: 74806
Ion Ratio Lower Upper
117 100
82 49.1 41.6 62.4
119 34.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

Tgt Ion:152 Resp: 32367
Ion Ratio Lower Upper
152 100
115 54.0 26.8 80.4
150 160.4 0.0 348.2

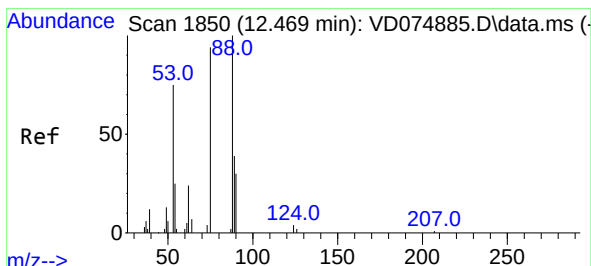
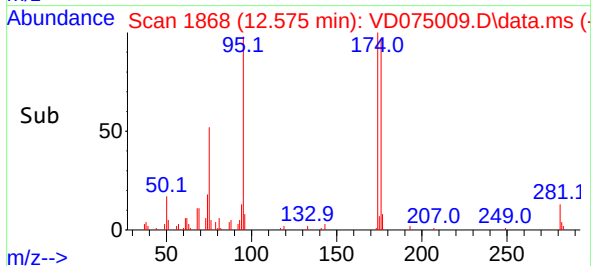
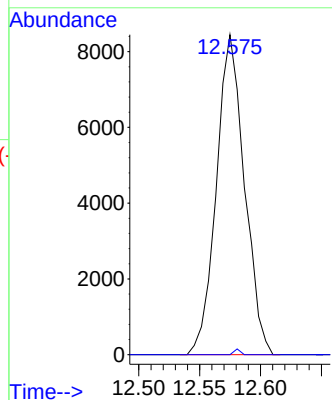
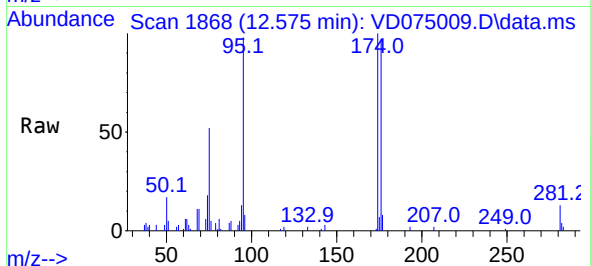




#76
1,2,3-Trichloropropane
Concen: 50.107 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 13565
Ion Ratio Lower Upper
75 100
77 0.4 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.266 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075009.D
Acq: 21 Nov 2022 17:44

Tgt Ion: 75 Resp: 13565
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

