

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075270.D
 Acq On : 08 Feb 2023 14:29
 Operator : KP/SY
 Sample : 01463-11
 Misc : 3.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-40

Quant Time: Feb 09 05:41:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

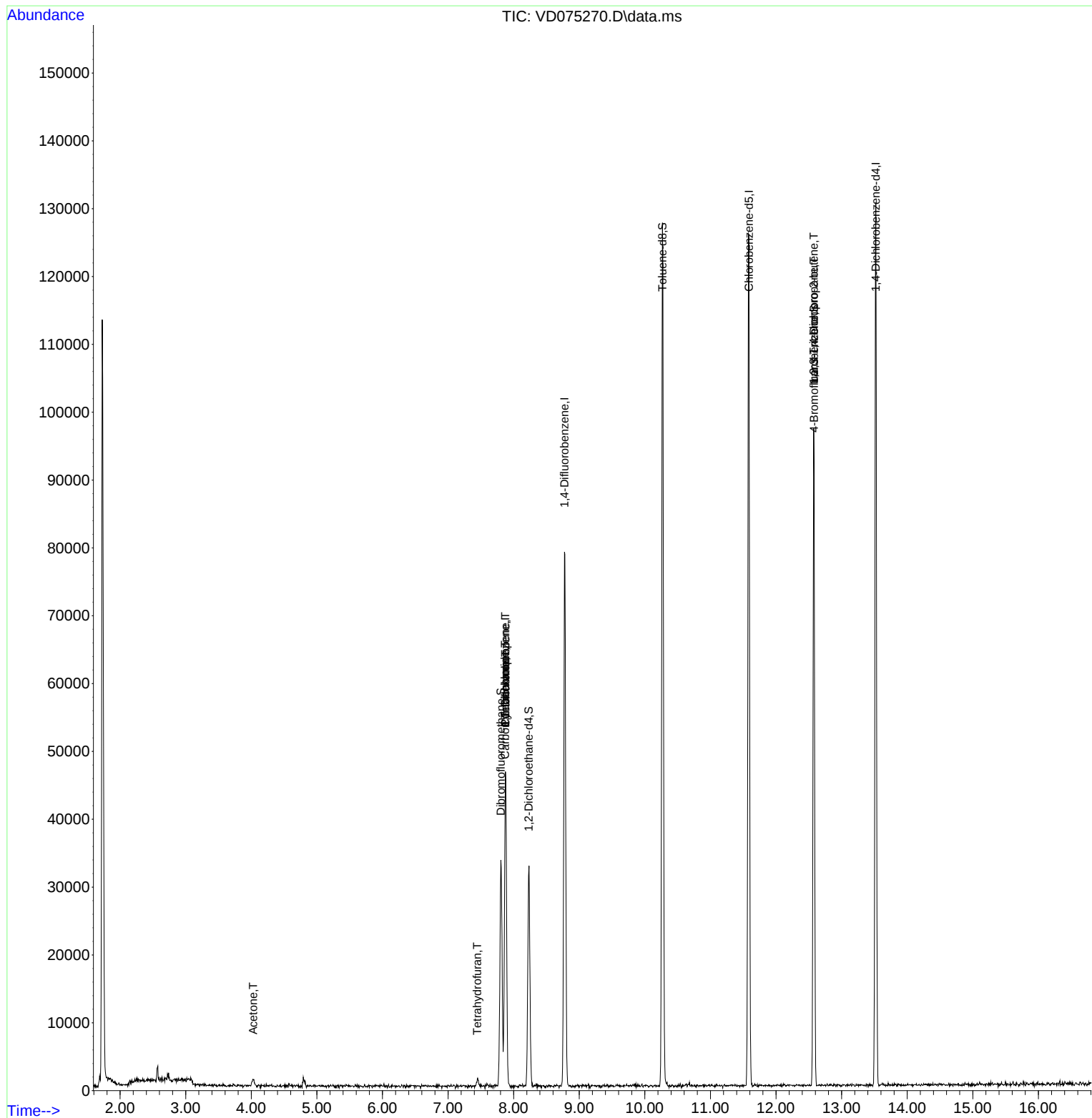
Internal Standards						
1) Pentafluorobenzene	7.875	168	35619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	67093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	71313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	34023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25098	60.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.180%	
35) Dibromofluoromethane	7.804	113	23728	50.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.880%	
50) Toluene-d8	10.269	98	86068	48.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.480%	
62) 4-Bromofluorobenzene	12.581	95	30148	51.247	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	332	Below Cal	#	41
16) Acetone	4.028	43	1920	17.385	ug/l #	42
18) Methyl Acetate	4.569	43	299	Below Cal	#	52
20) Methylene Chloride	4.805	84	757	Below Cal	#	55
29) Tetrahydrofuran	7.446	42	893	12.119	ug/l #	55
31) Cyclohexane	7.875	56	964	1.300	ug/l #	53
36) 1,1-Dichloropropene	7.875	75	2989	4.079	ug/l #	41
38) Carbon Tetrachloride	7.869	117	3510	5.169	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	17262	44.668	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	17262	141.012	ug/l #	14

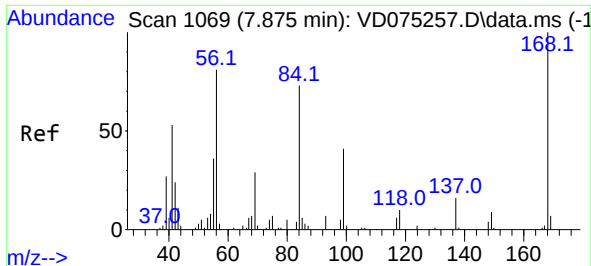
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075270.D
Acq On : 08 Feb 2023 14:29
Operator : KP/SY
Sample : 01463-11
Misc : 3.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-40

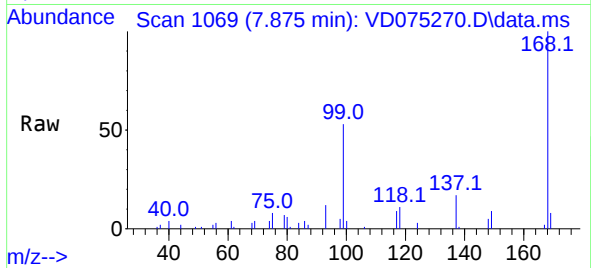
Quant Time: Feb 09 05:41:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration



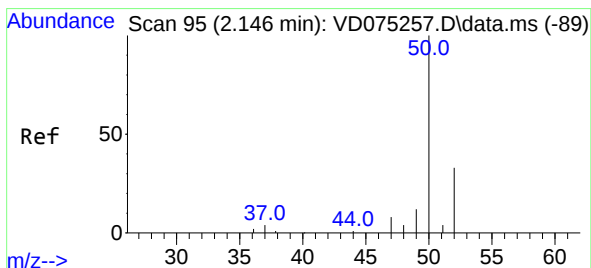
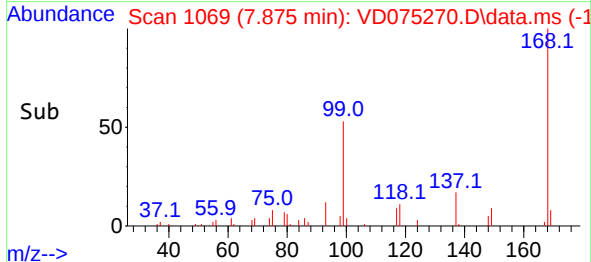
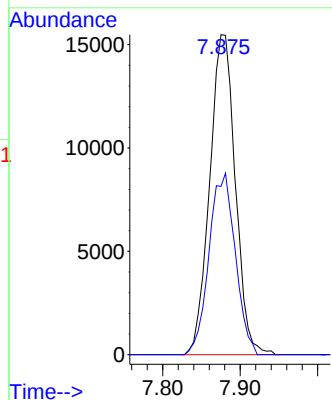


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-40

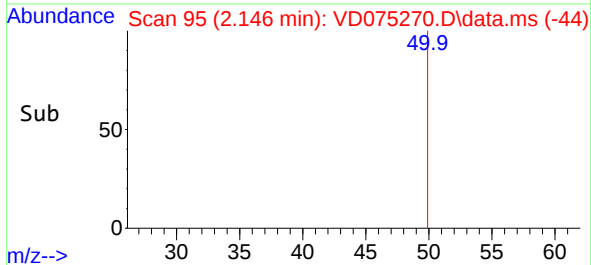
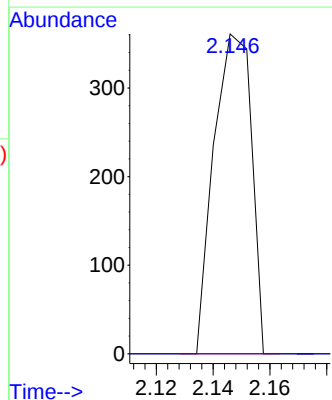
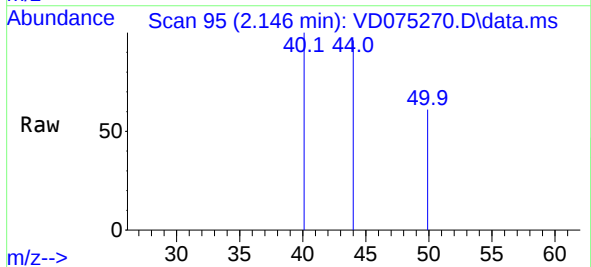


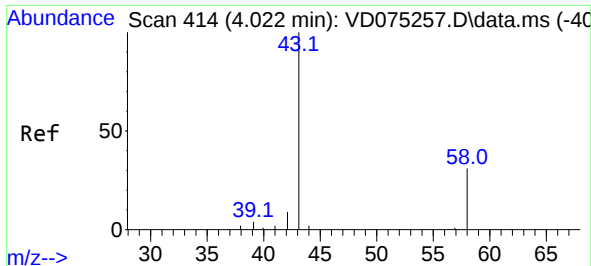
Tgt Ion:168 Resp: 35619
Ion Ratio Lower Upper
168 100
99 52.6 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Tgt Ion: 50 Resp: 332
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

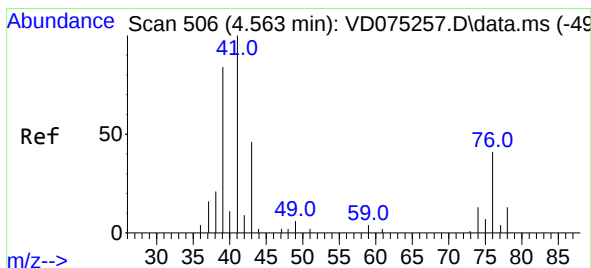
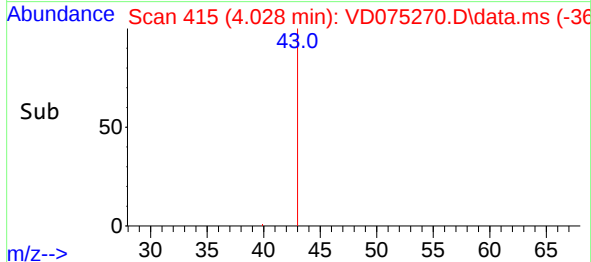
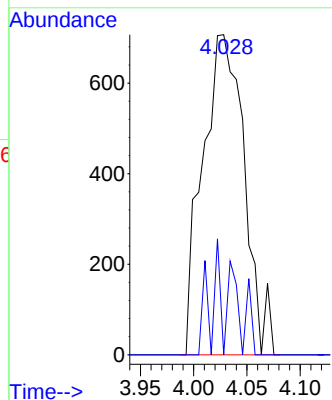
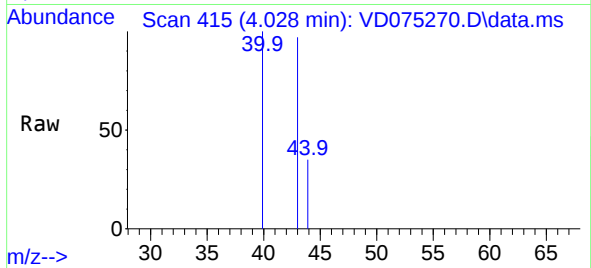




#16
Acetone
Concen: 17.385 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

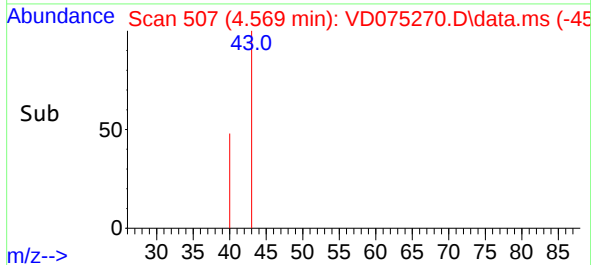
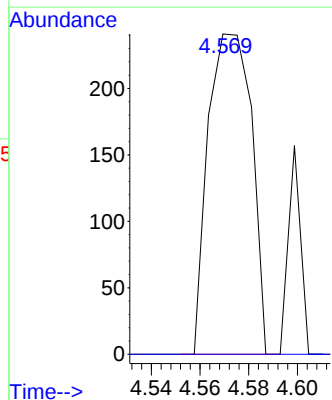
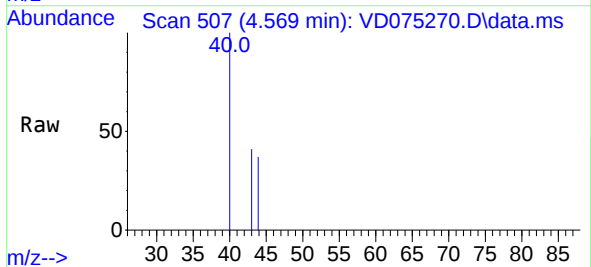
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-40

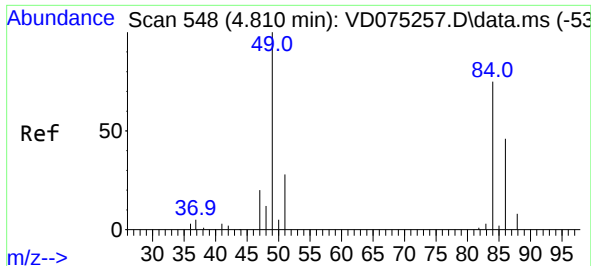
Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



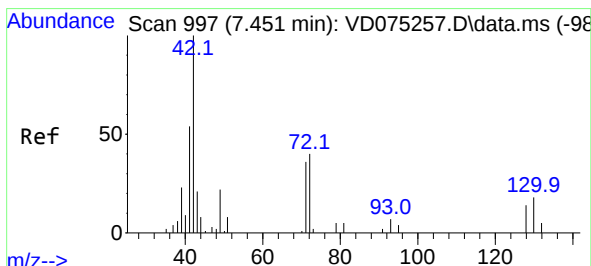
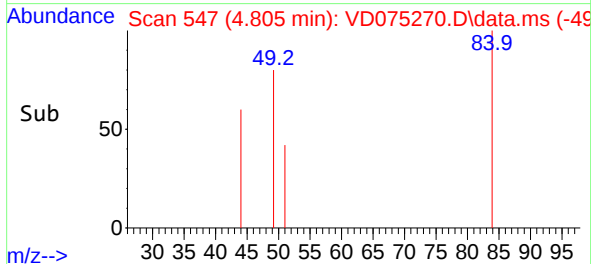
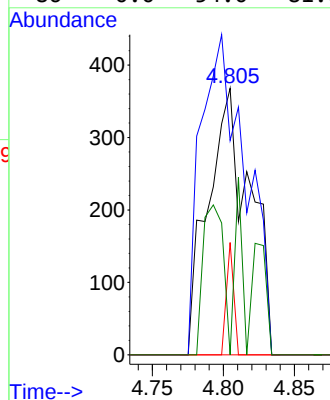
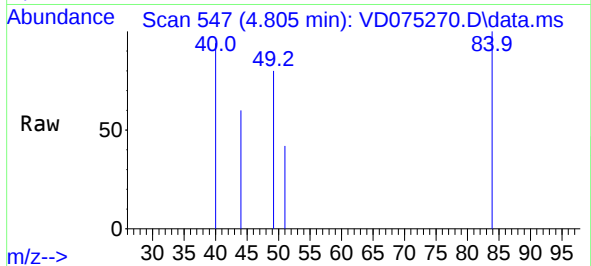


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 548
Delta R.T. -0.005 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-40

Tgt Ion: 84 Resp: 757

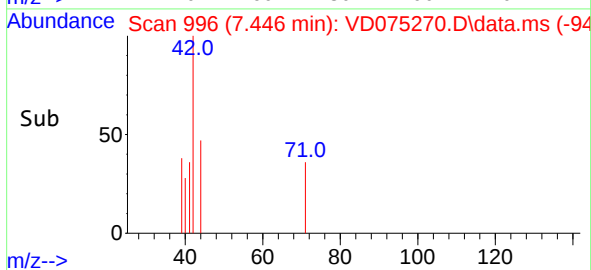
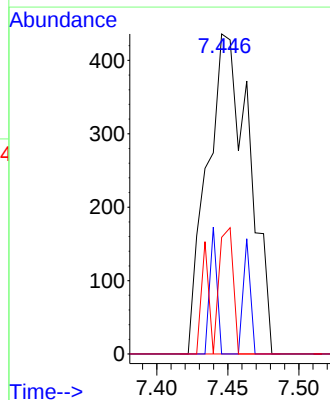
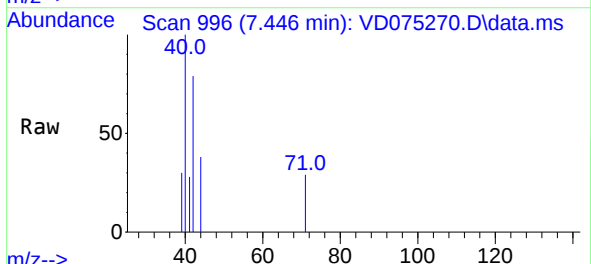
Ion	Ratio	Lower	Upper
84	100		
49	80.4	97.0	145.6#
51	42.1	30.9	46.3
86	0.0	54.0	81.0#

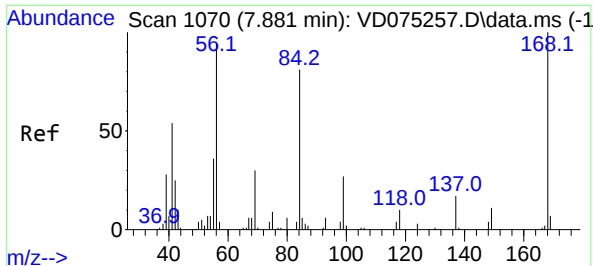


#29
Tetrahydrofuran
Concen: 12.119 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.005 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Tgt Ion: 42 Resp: 893

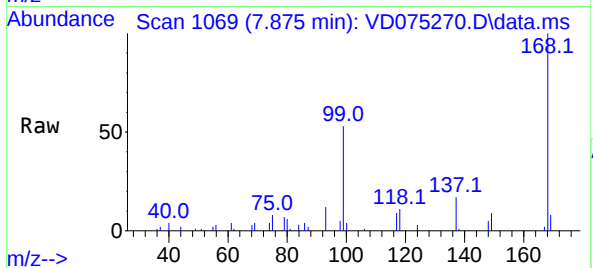
Ion	Ratio	Lower	Upper
42	100		
72	6.8	33.8	50.8#
71	19.1	31.6	47.4#



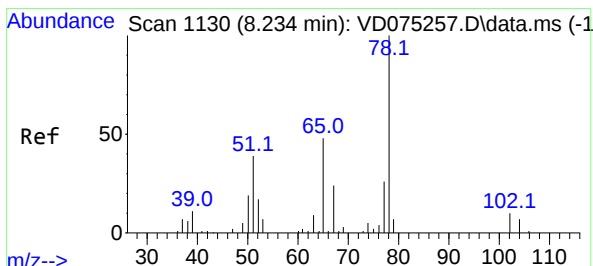
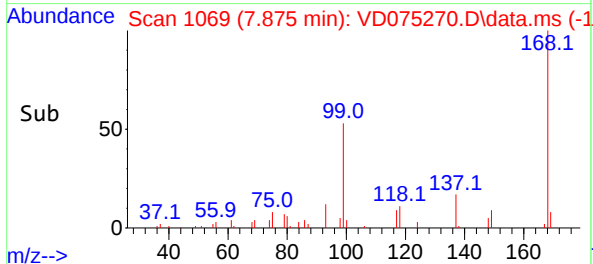
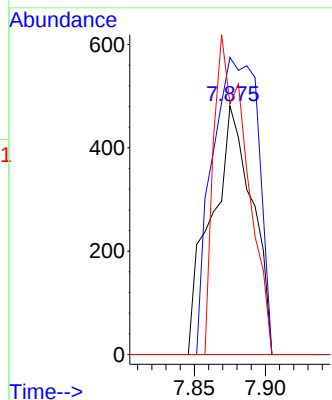


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-40

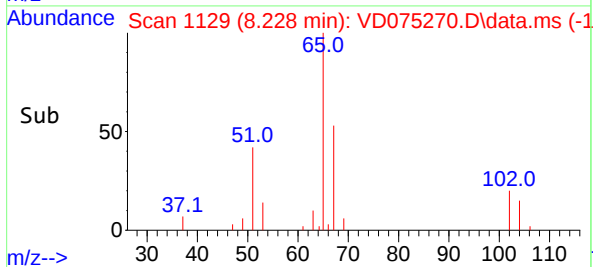
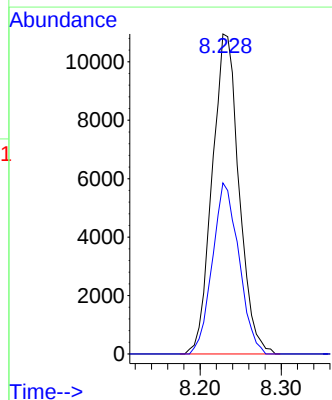
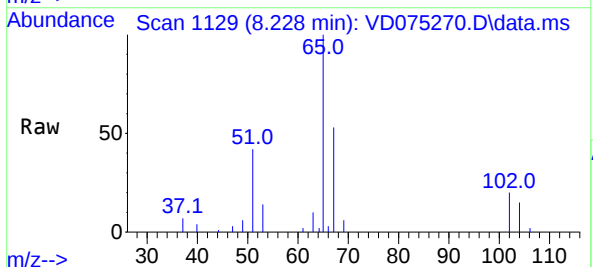


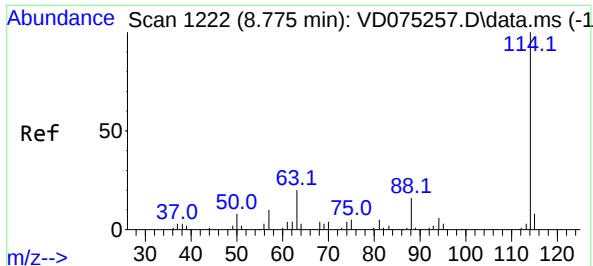
Tgt Ion: 56 Resp: 964
Ion Ratio Lower Upper
56 100
69 119.5 26.6 40.0#
84 100.8 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 60.092 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Tgt Ion: 65 Resp: 25098
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2

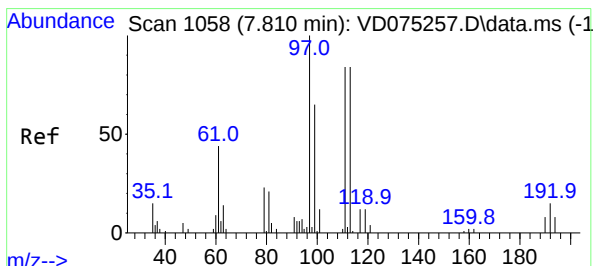
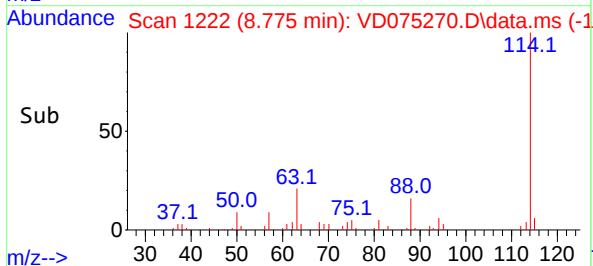
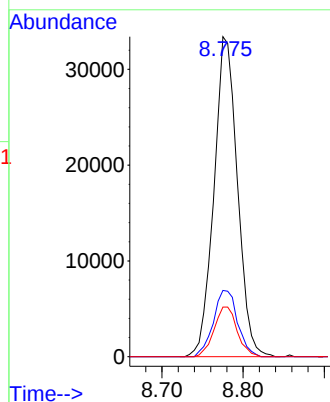
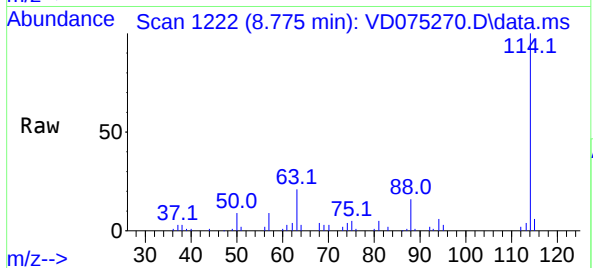




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

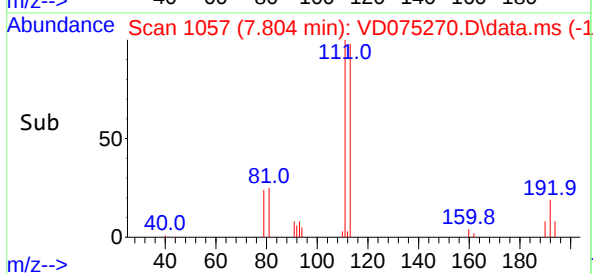
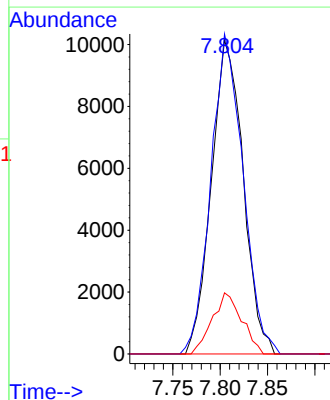
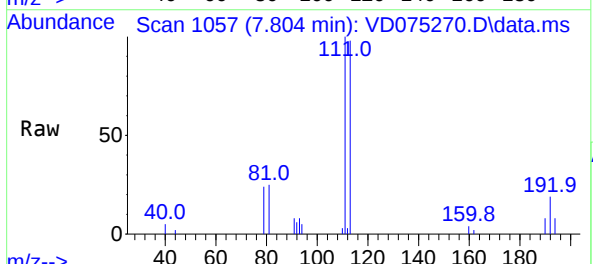
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-40

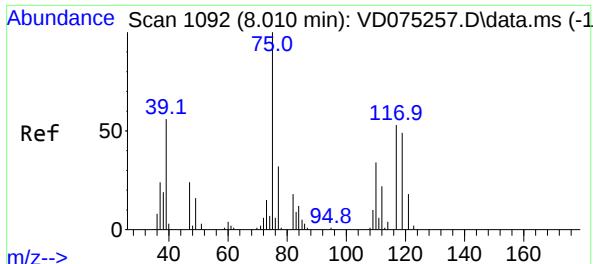
Tgt Ion:	114	Resp:	67093
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	40.2
88	15.5	0.0	32.2



#35
Dibromofluoromethane
Concen: 50.436 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Tgt Ion:	113	Resp:	23728
Ion Ratio	Lower	Upper	
113	100		
111	102.8	80.1	120.1
192	18.1	15.4	23.0





#36

1,1-Dichloropropene

Concen: 4.079 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075270.D

Acq: 08 Feb 2023 14:29

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-GRAB-40

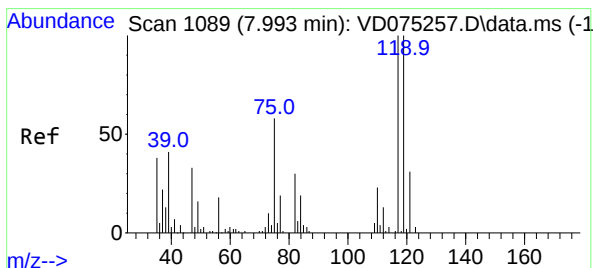
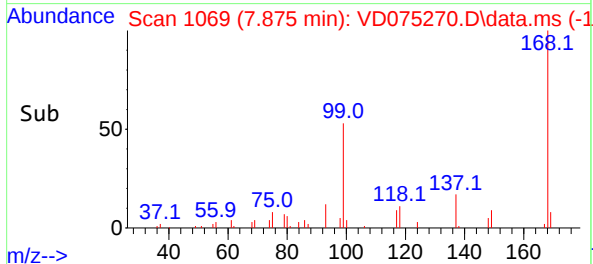
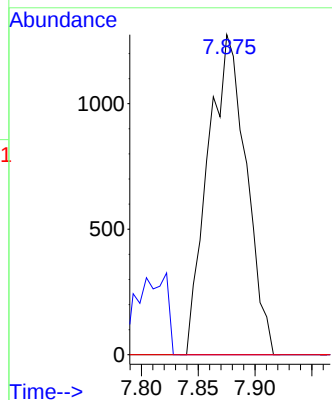
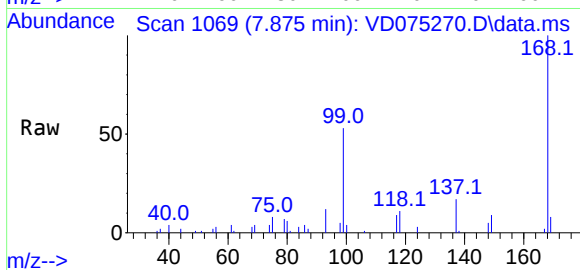
Tgt Ion: 75 Resp: 2989

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.169 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD075270.D

Acq: 08 Feb 2023 14:29

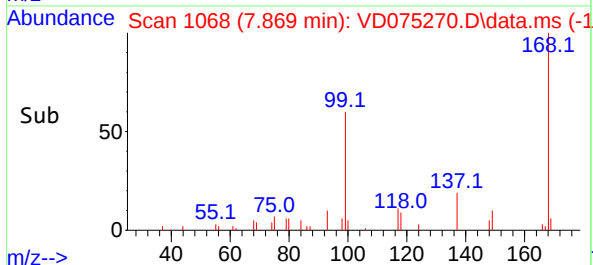
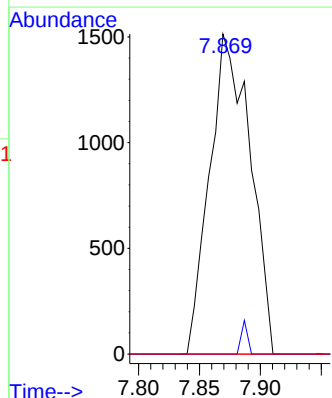
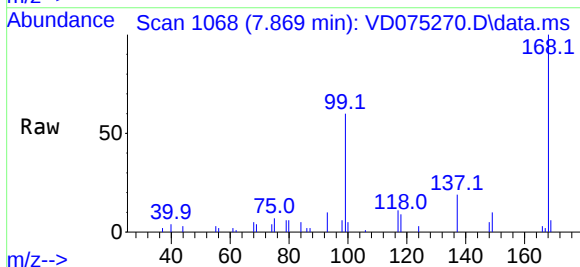
Tgt Ion: 117 Resp: 3510

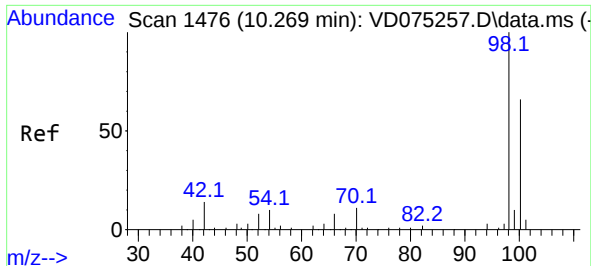
Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

121 0.0 25.4 38.0#

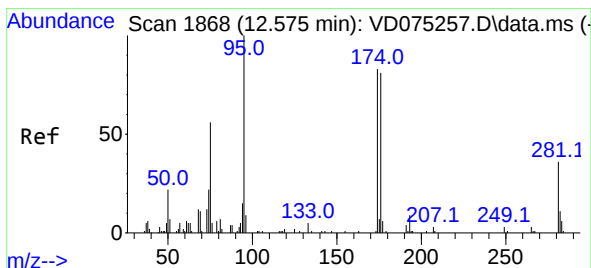
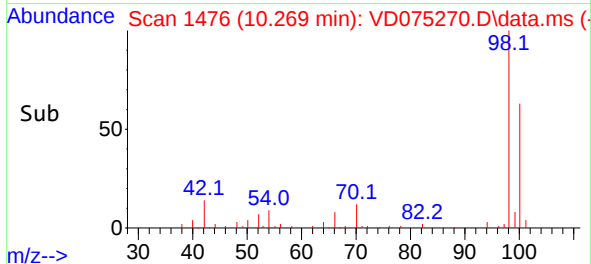
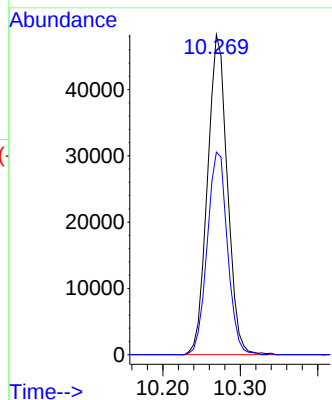
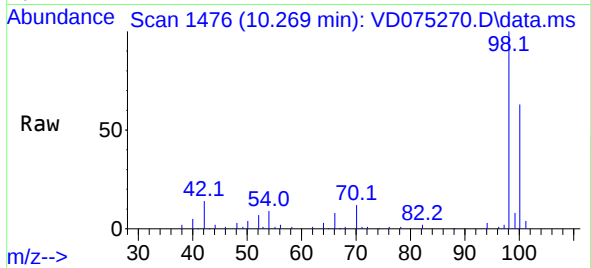




#50
Toluene-d8
Concen: 48.241 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

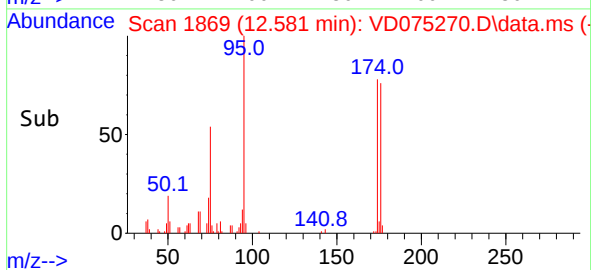
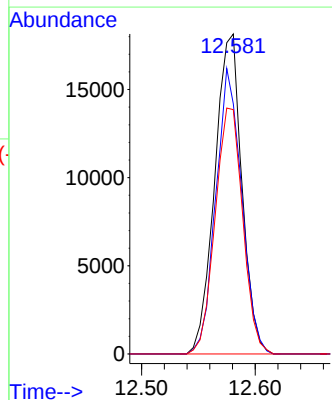
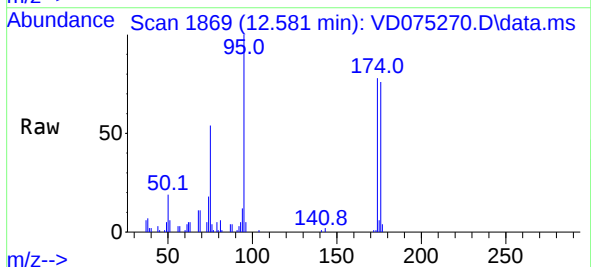
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-40

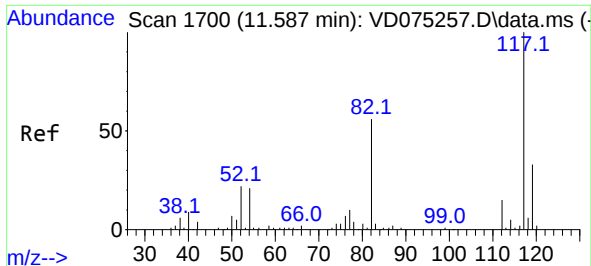
Tgt Ion: 98 Resp: 86068
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.247 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Tgt Ion: 95 Resp: 30148
Ion Ratio Lower Upper
95 100
174 84.8 0.0 161.2
176 78.2 0.0 160.2

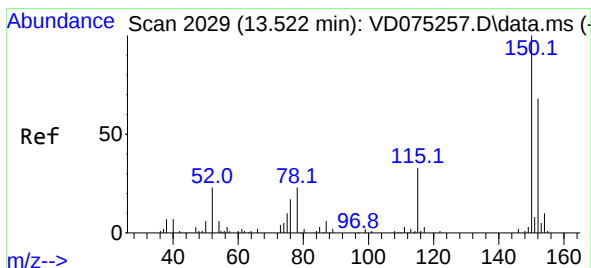
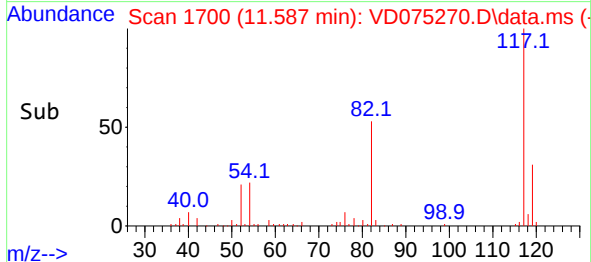
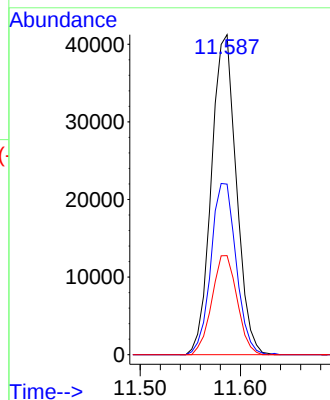
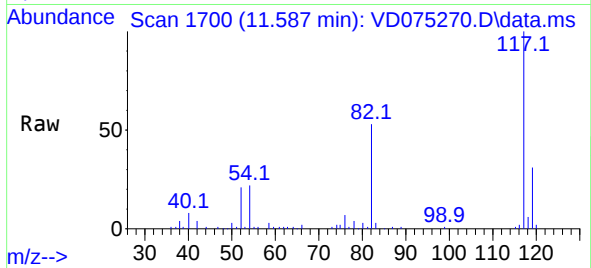




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

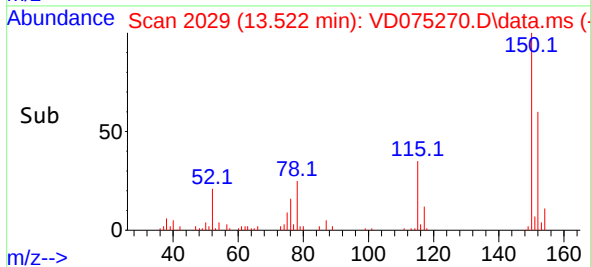
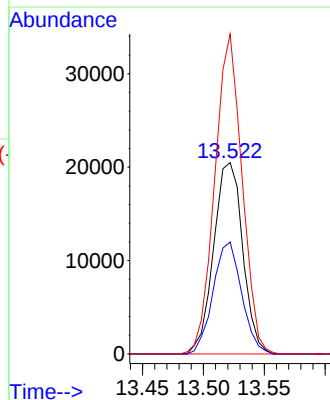
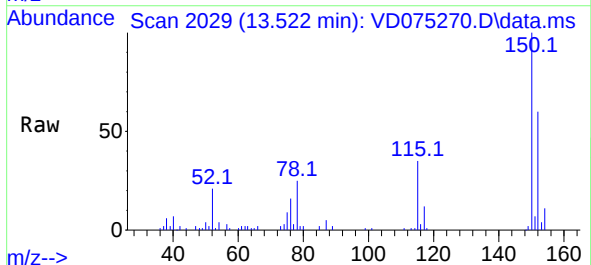
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-40

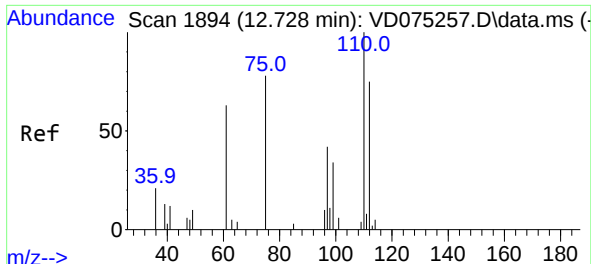
Tgt Ion:	117	Resp:	71313
Ion	Ratio	Lower	Upper
117	100		
82	53.3	39.6	59.4
119	31.0	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Tgt Ion:	152	Resp:	34023
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.8	86.4
150	156.7	0.0	348.6

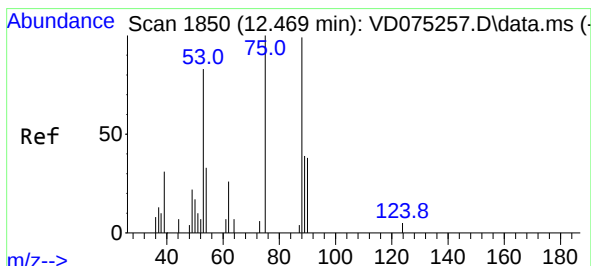
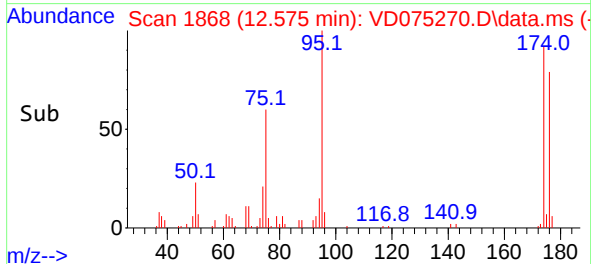
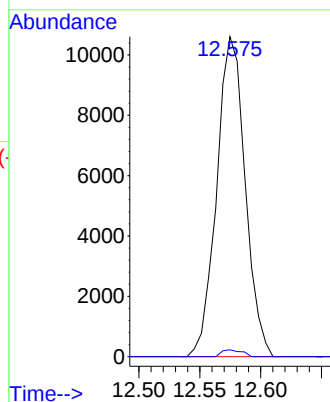
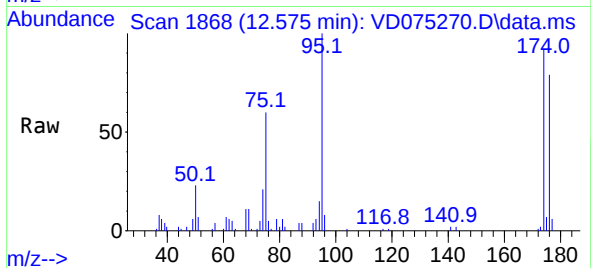




#76
1,2,3-Trichloropropane
Concen: 44.668 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-40

Tgt Ion: 75 Resp: 17262
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.012 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075270.D
Acq: 08 Feb 2023 14:29

Tgt Ion: 75 Resp: 17262
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

