

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074671.D
 Acq On : 28 Oct 2022 15:02
 Operator : VA/SY
 Sample : N5313-07
 Misc : 8.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-6-SW-QUARTER

Quant Time: Oct 29 02:15:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

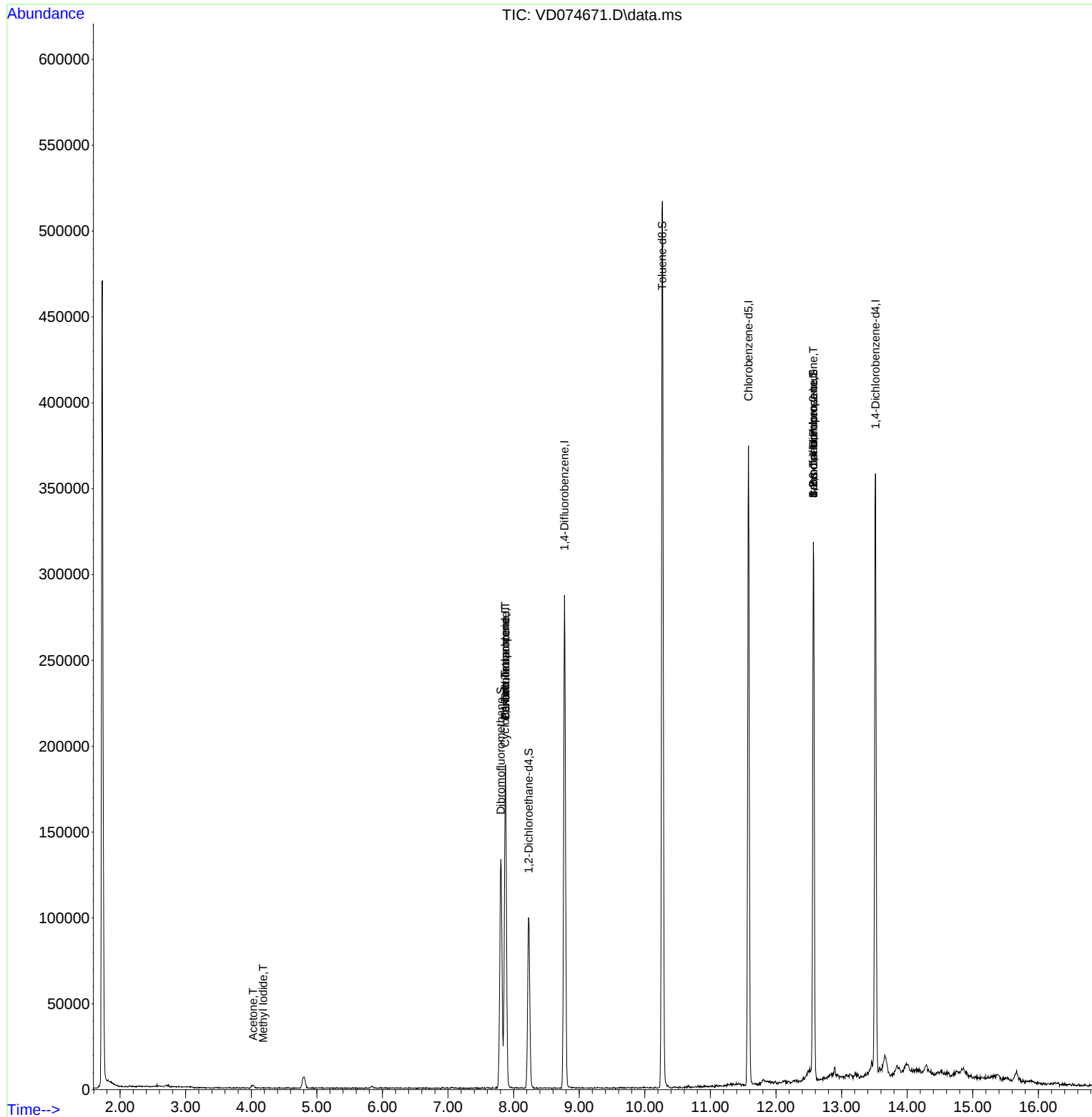
Internal Standards						
1) Pentafluorobenzene	7.875	168	151735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	273942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	228261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79338	61.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.900%
35) Dibromofluoromethane	7.805	113	99068	59.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.440%
50) Toluene-d8	10.263	98	381479	59.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.600%
62) 4-Bromofluorobenzene	12.569	95	102669	58.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	639	Below Cal	#	37
5) Bromomethane	2.699	94	754	Below Cal	#	80
10) Methyl Iodide	4.181	142	350	5.608	ug/l #	43
16) Acetone	4.028	43	3059	1.395	ug/l #	85
18) Methyl Acetate	4.564	43	212	Below Cal	#	44
20) Methylene Chloride	4.793	84	6217	Below Cal		91
31) Cyclohexane	7.869	56	2662	1.134	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	10540	4.422	ug/l #	48
38) Carbon Tetrachloride	7.875	117	14301	6.457	ug/l #	19
71) Bromoform	12.569	173	1066	1.353	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	51341	66.509	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	51341	176.021	ug/l #	17

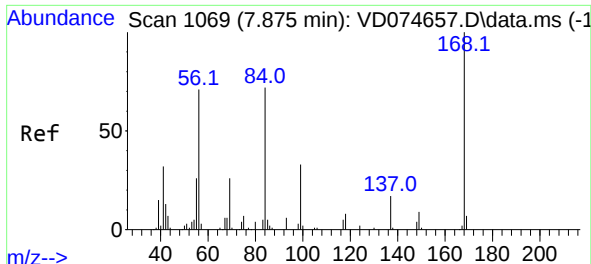
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
Data File : VD074671.D
Acq On : 28 Oct 2022 15:02
Operator : VA/SY
Sample : N5313-07
Misc : 8.83G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-6-SW-QUARTER

Quant Time: Oct 29 02:15:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 00:18:17 2022
Response via : Initial Calibration

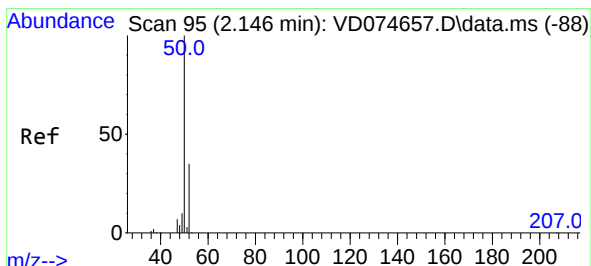
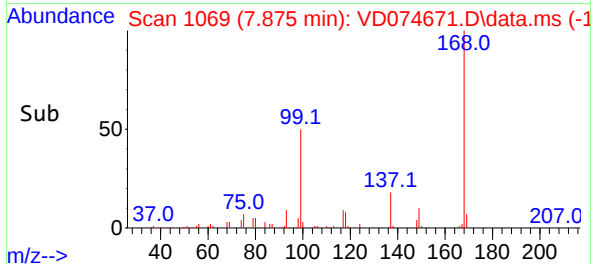
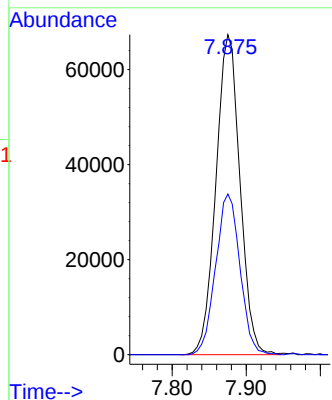
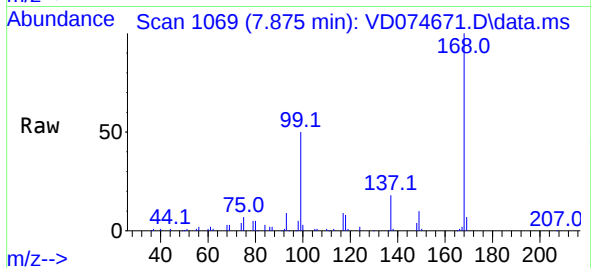




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

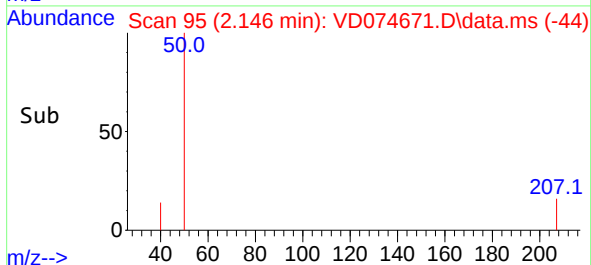
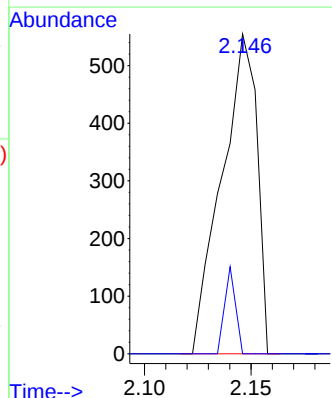
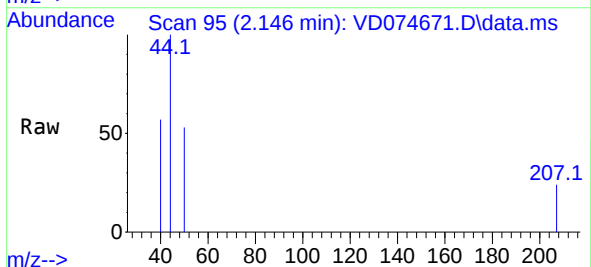
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-6-SW-QUARTER

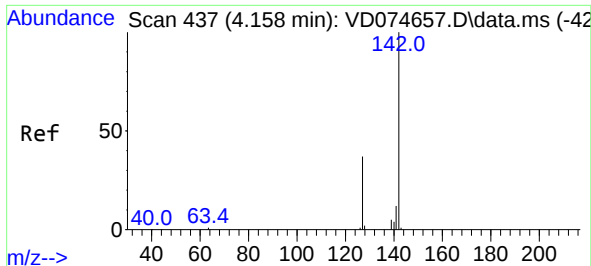
Tgt Ion:168 Resp: 151735
Ion Ratio Lower Upper
168 100
99 50.2 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 50 Resp: 639
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

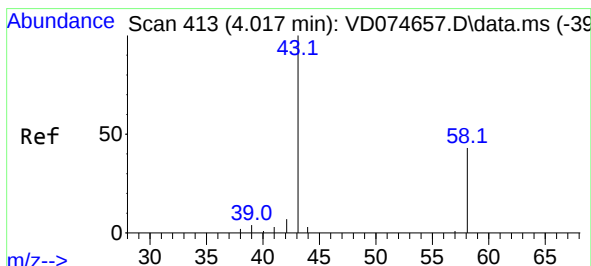
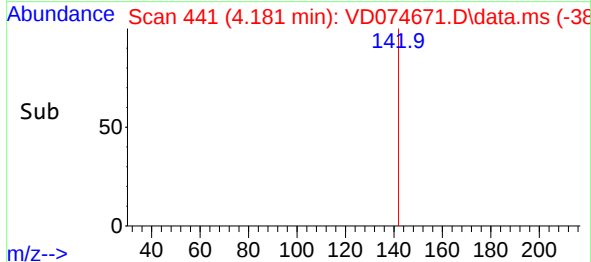
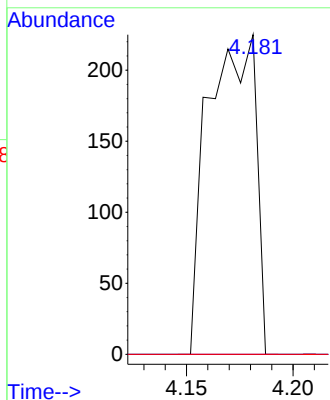
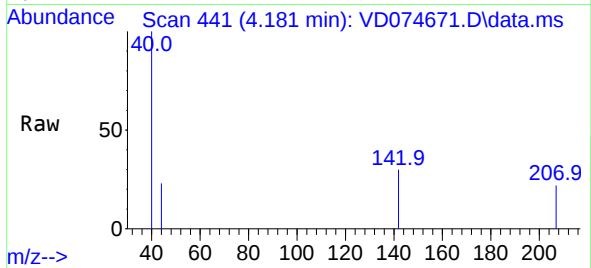




#10
Methyl Iodide
Concen: 5.608 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.023 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

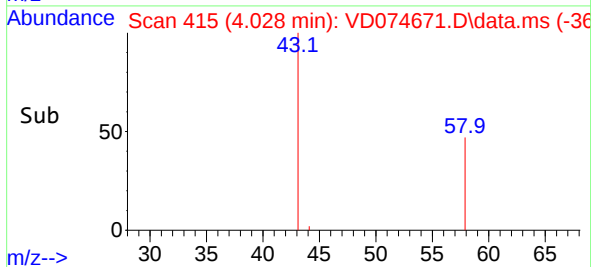
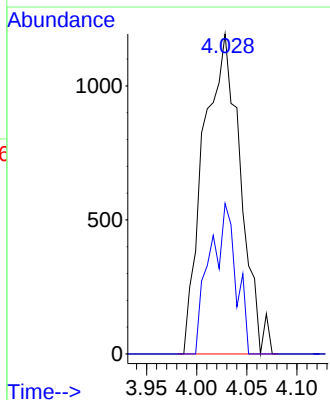
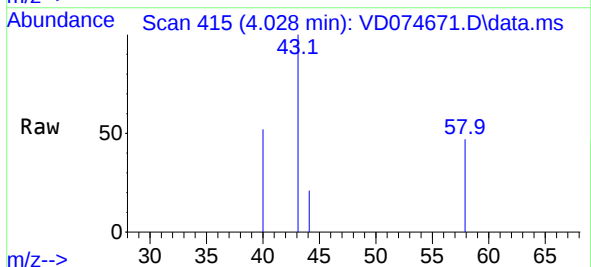
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-6-SW-QUARTER

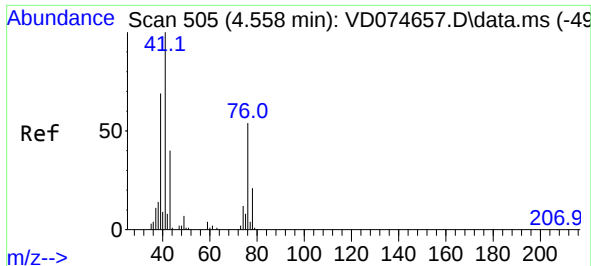
Tgt Ion:142 Resp: 350
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 1.395 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 43 Resp: 3059
Ion Ratio Lower Upper
43 100
58 47.0 30.2 45.2#

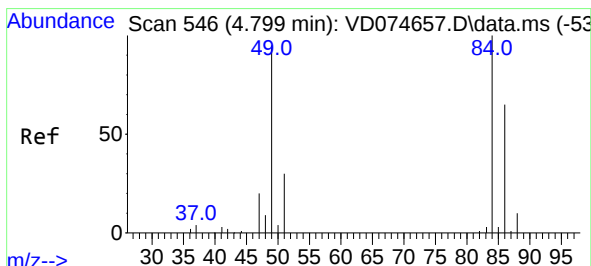
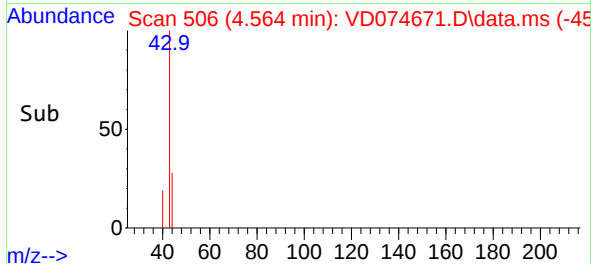
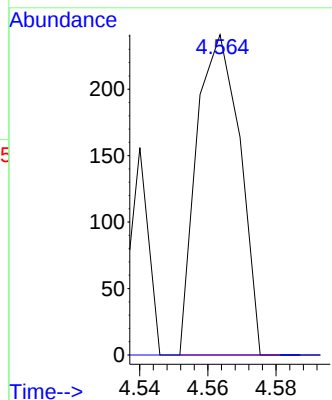
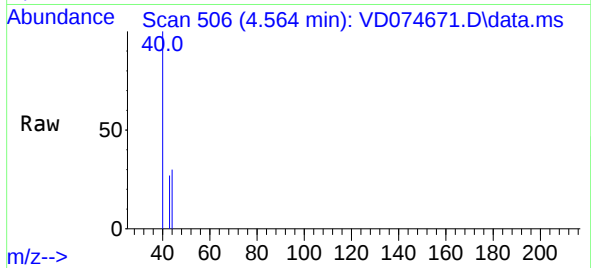




#18
Methyl Acetate
Concen: Below Cal
RT: 4.564 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

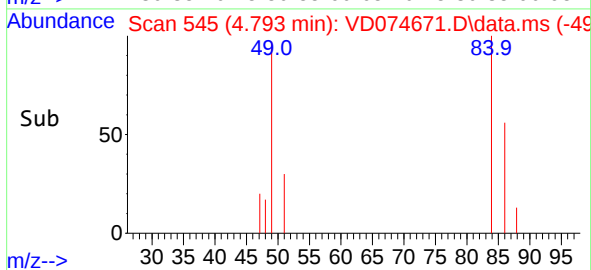
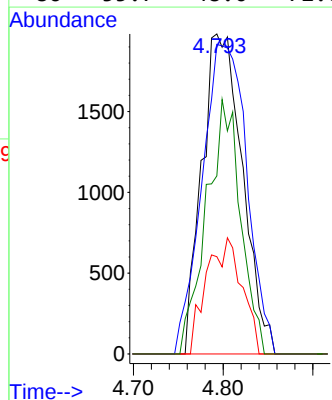
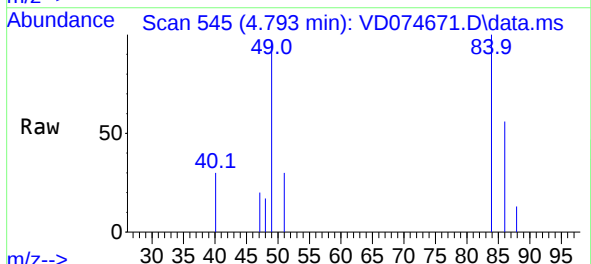
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-6-SW-QUARTER

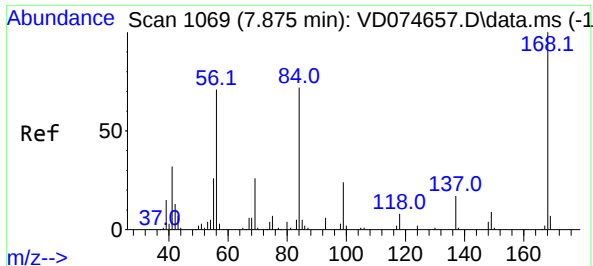
Tgt Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
74 0.0 24.7 37.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 84 Resp: 6217
Ion Ratio Lower Upper
84 100
49 96.8 68.0 102.0
51 30.4 23.2 34.8
86 55.7 48.0 72.0

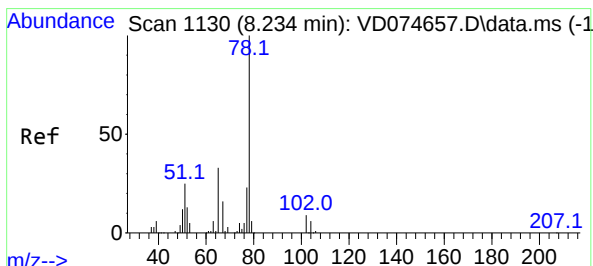
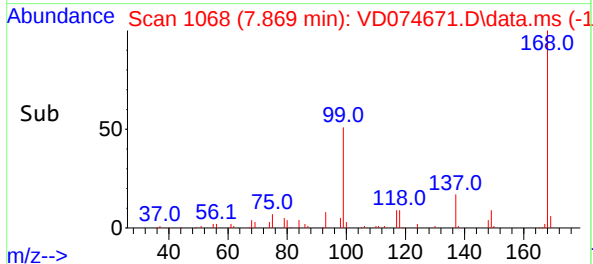
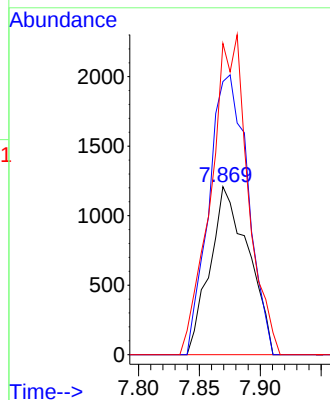
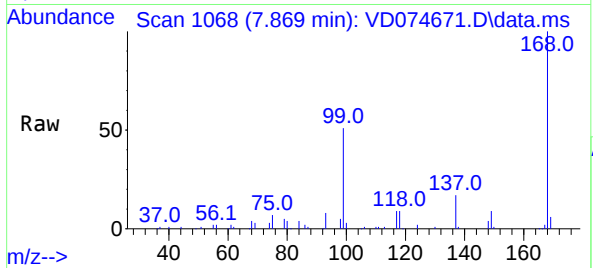




#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.869 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

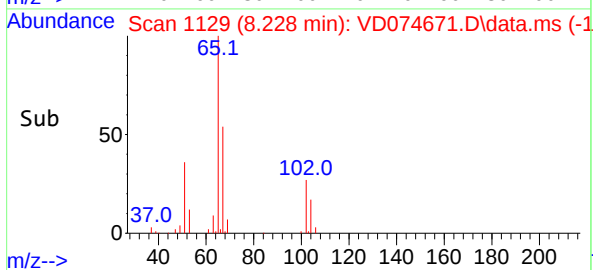
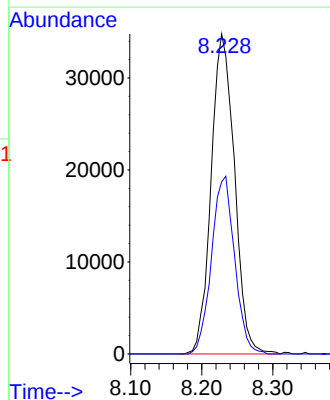
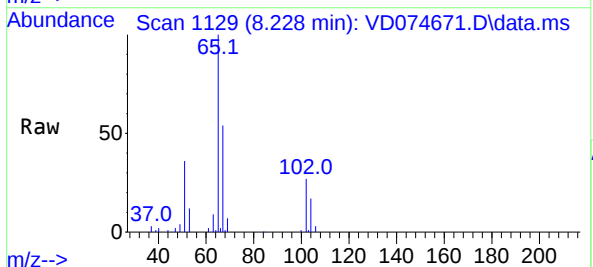
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-6-SW-QUARTER

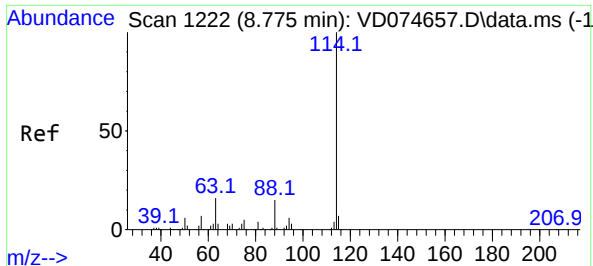
Tgt Ion: 56 Resp: 2662
Ion Ratio Lower Upper
56 100
69 162.5 29.2 43.8#
84 185.2 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 61.950 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 65 Resp: 79338
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074671.D

Acq: 28 Oct 2022 15:02

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-GRAB-6-SW-QUARTER

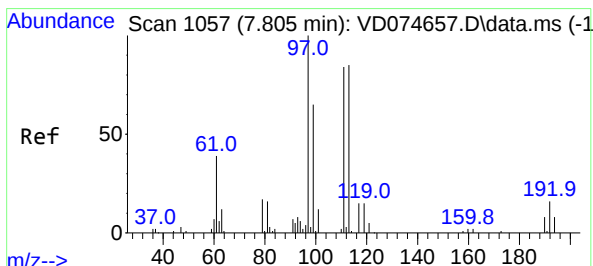
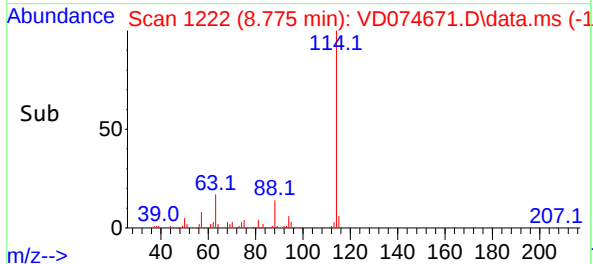
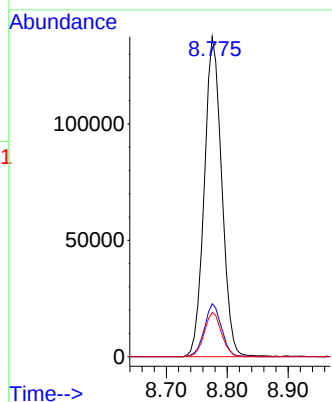
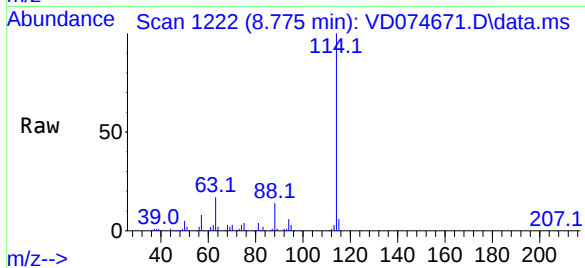
Tgt Ion:114 Resp: 273942

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 59.224 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074671.D

Acq: 28 Oct 2022 15:02

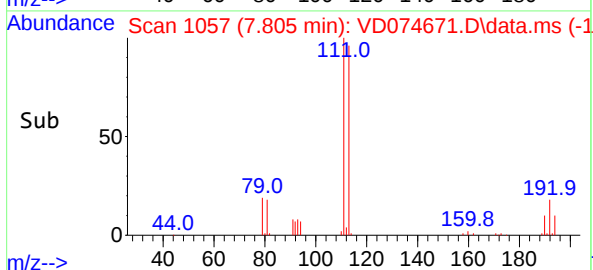
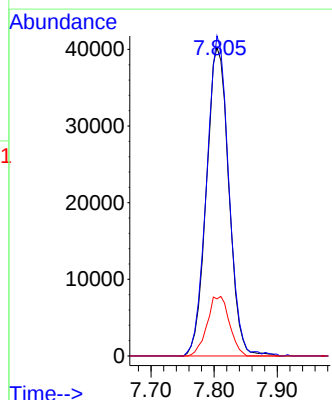
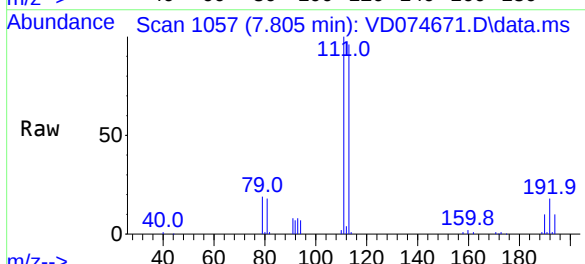
Tgt Ion:113 Resp: 99068

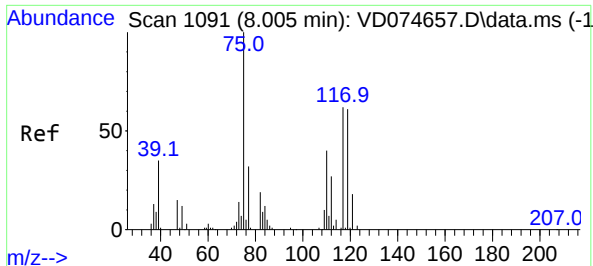
Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

192 19.2 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.422 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074671.D

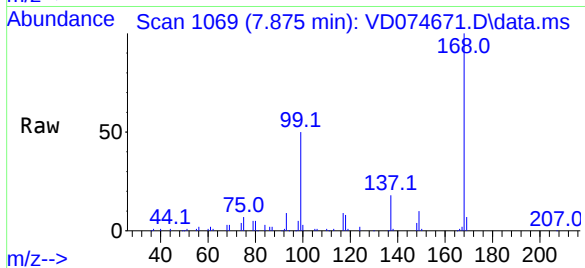
Acq: 28 Oct 2022 15:02

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-GRAB-6-SW-QUARTER



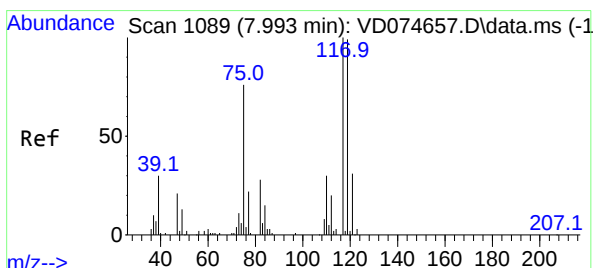
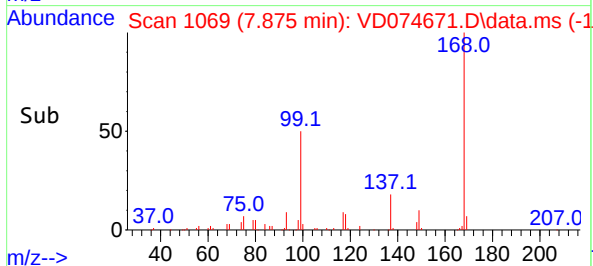
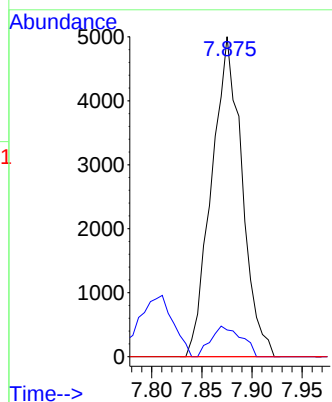
Tgt Ion: 75 Resp: 10540

Ion Ratio Lower Upper

75 100

110 9.6 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.457 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD074671.D

Acq: 28 Oct 2022 15:02

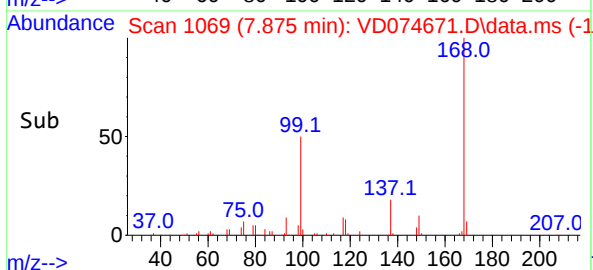
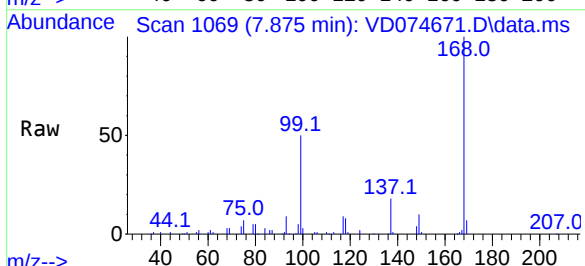
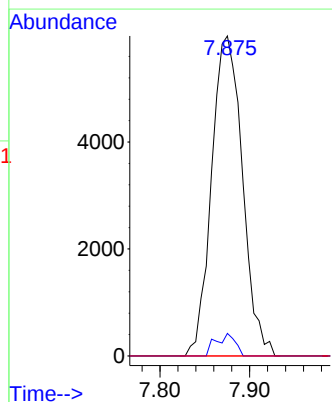
Tgt Ion: 117 Resp: 14301

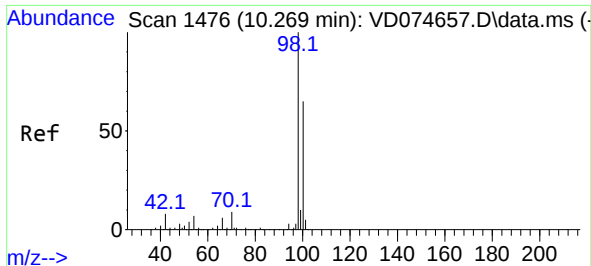
Ion Ratio Lower Upper

117 100

119 7.0 73.1 109.7#

121 0.0 25.0 37.6#

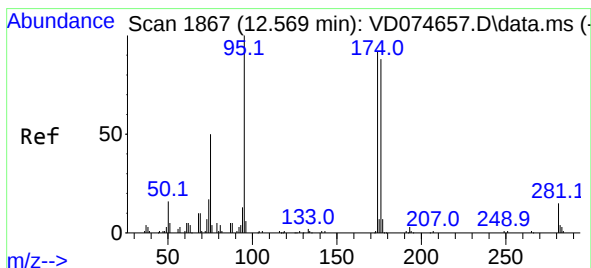
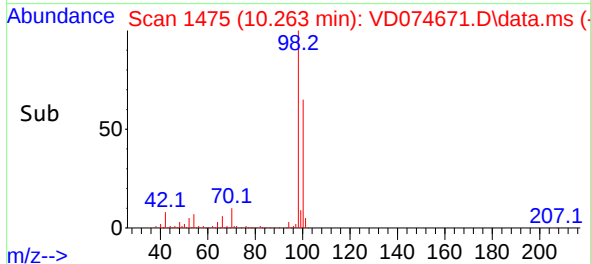
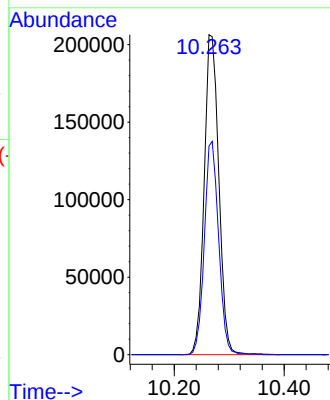
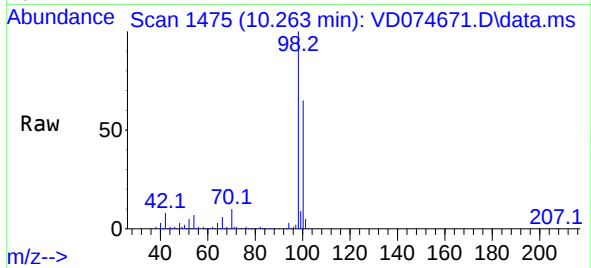




#50
Toluene-d8
Concen: 59.301 ug/l
RT: 10.263 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

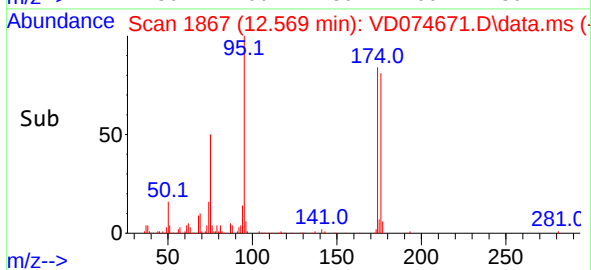
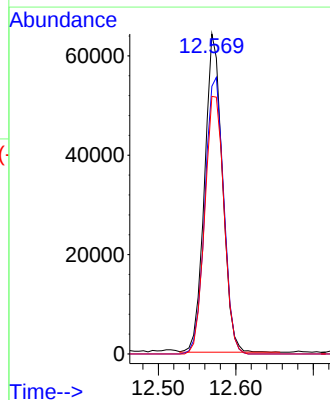
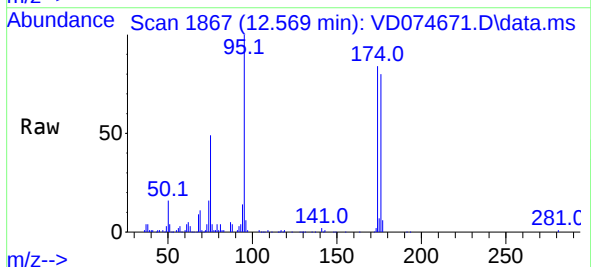
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-GRAB-6-SW-QUARTER

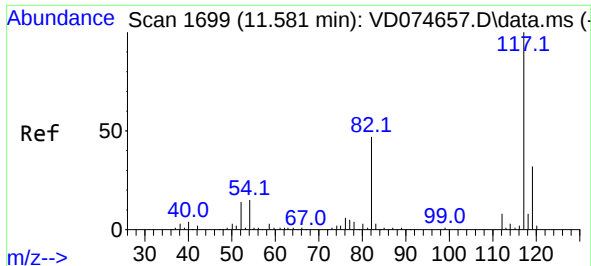
Tgt Ion: 98 Resp: 381479
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 58.113 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Tgt Ion: 95 Resp: 102669
Ion Ratio Lower Upper
95 100
174 91.5 0.0 197.0
176 86.9 0.0 182.6

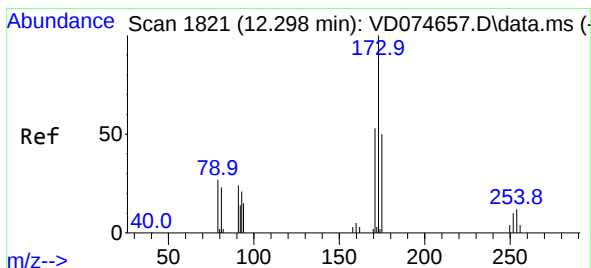
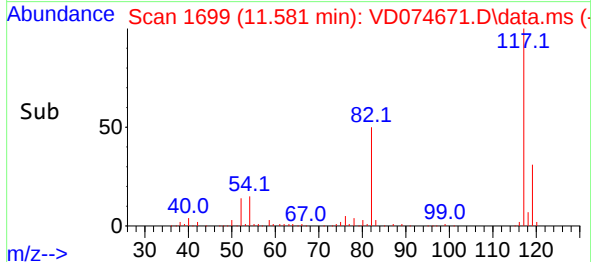
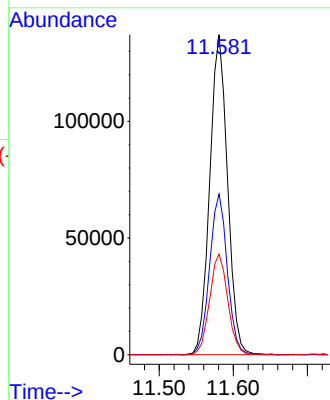
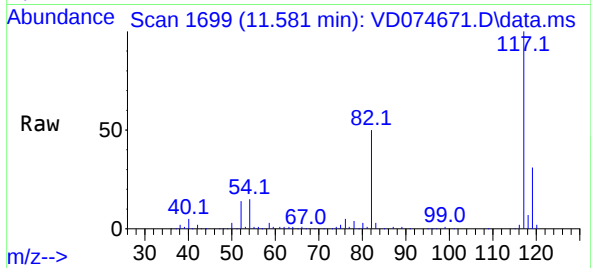




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

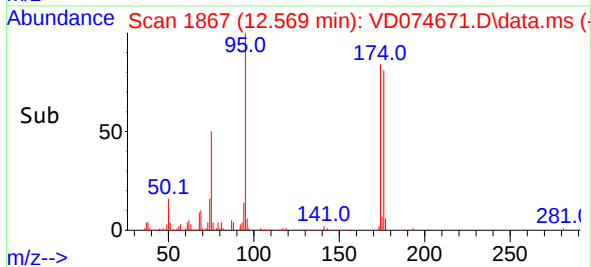
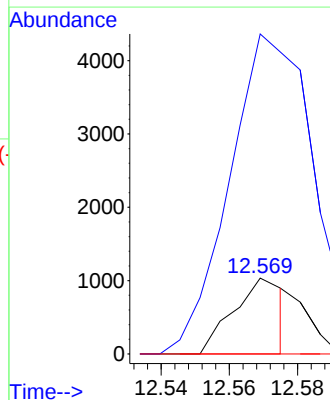
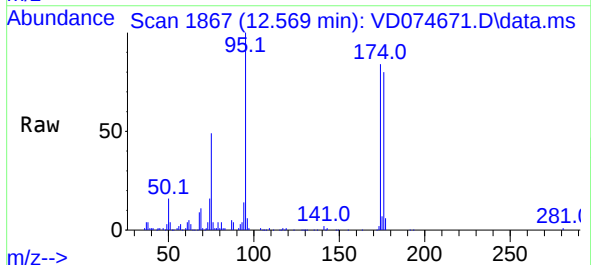
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-6-SW-QUARTER

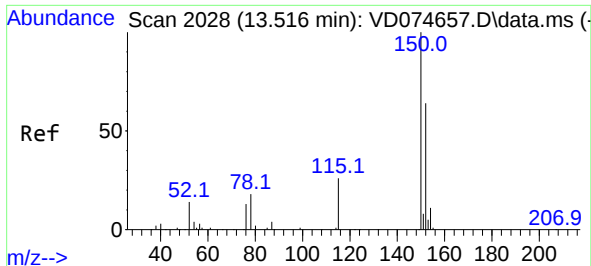
Tgt Ion:117 Resp: 228261
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 31.4 25.2 37.8



#71
Bromoform
Concen: 1.353 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.271 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Tgt Ion:173 Resp: 1066
Ion Ratio Lower Upper
173 100
175 472.9 23.1 69.3#
254 0.0 0.0 0.0

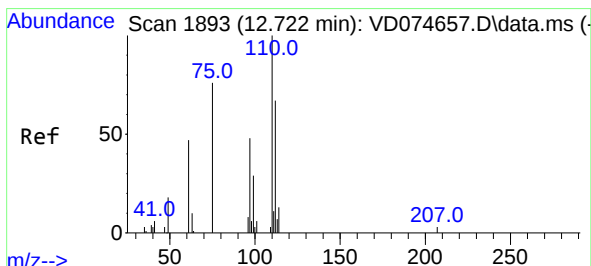
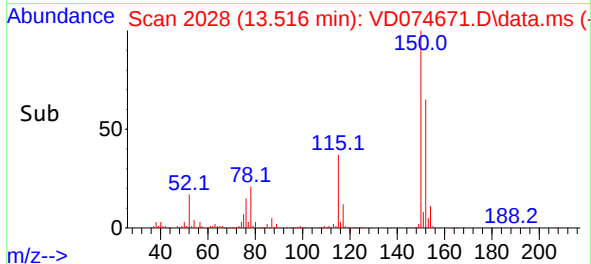
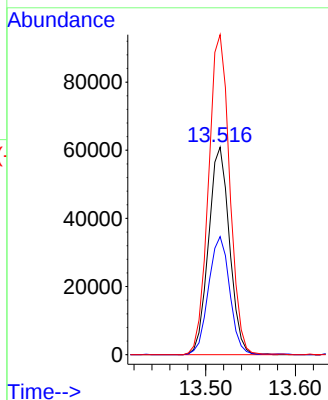
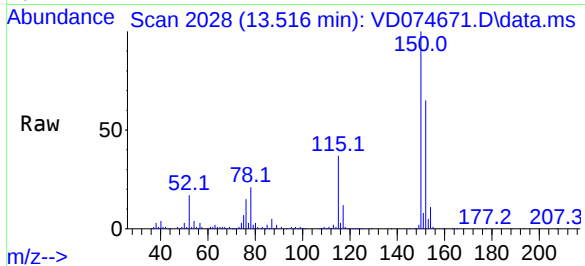




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

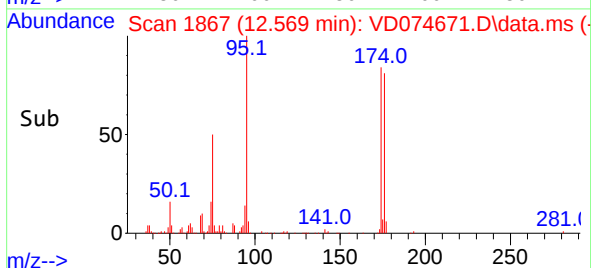
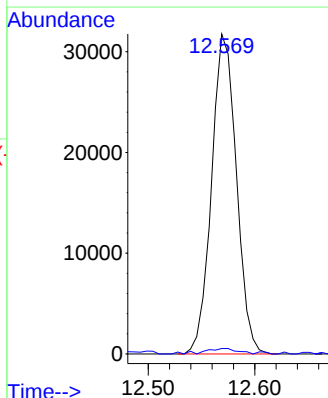
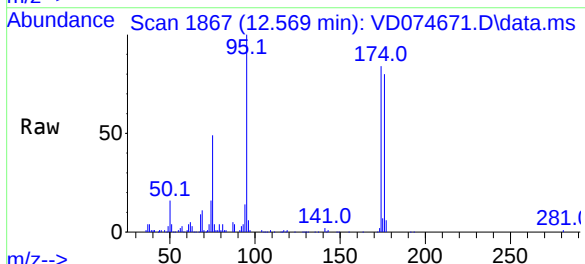
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-6-SW-QUARTER

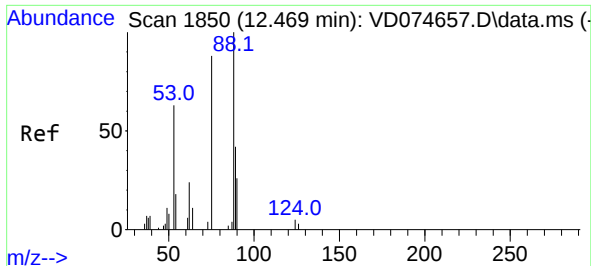
Tgt Ion:152 Resp: 98700
Ion Ratio Lower Upper
152 100
115 57.6 26.8 80.4
150 155.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 66.509 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

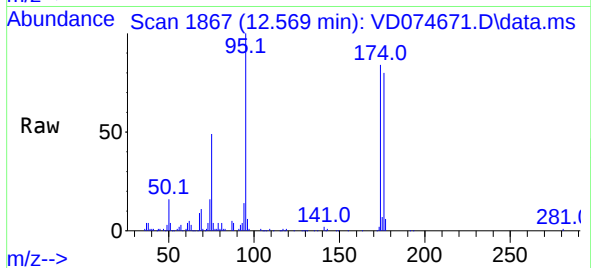
Tgt Ion: 75 Resp: 51341
Ion Ratio Lower Upper
75 100
77 2.2 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 176.021 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074671.D
Acq: 28 Oct 2022 15:02

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-6-SW-QUARTER



Tgt Ion: 75 Resp: 51341
Ion Ratio Lower Upper
75 100
53 0.3 63.8 95.6#
89 0.0 38.2 57.4#

