

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074674.D
 Acq On : 28 Oct 2022 16:25
 Operator : VA/SY
 Sample : N5313-20
 Misc : 9.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-2-SE-QUARTER

Quant Time: Oct 29 02:15:26 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)

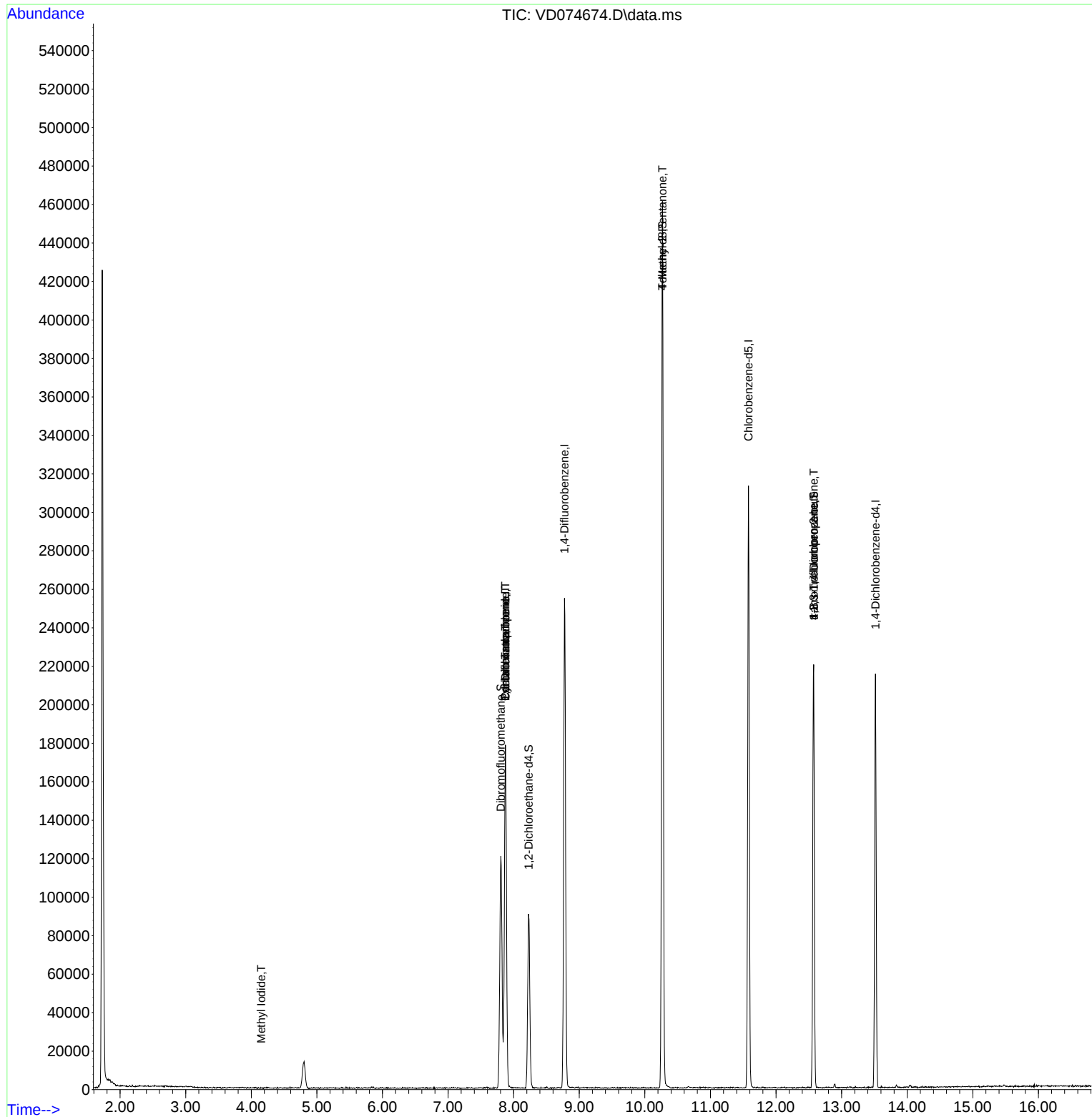
Internal Standards						
1) Pentafluorobenzene	7.875	168	147359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	246620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	63430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71495	57.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.960%	
35) Dibromofluoromethane	7.804	113	89418	59.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.760%	
50) Toluene-d8	10.269	98	333694	57.620	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.240%	
62) 4-Bromofluorobenzene	12.575	95	72006	45.272	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	299	Below Cal	#	37
5) Bromomethane	2.693	94	272	Below Cal		97
10) Methyl Iodide	4.152	142	75	5.492	ug/l #	43
16) Acetone	4.028	43	267	Below Cal	#	37
20) Methylene Chloride	4.805	84	12567	Below Cal	#	86
31) Cyclohexane	7.875	56	2330	1.022	ug/l #	4
36) 1,1-Dichloropropene	7.875	75	9808	4.571	ug/l #	47
38) Carbon Tetrachloride	7.875	117	13854	6.948	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	853	1.337	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	33984	68.504	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	33984	181.300	ug/l #	17

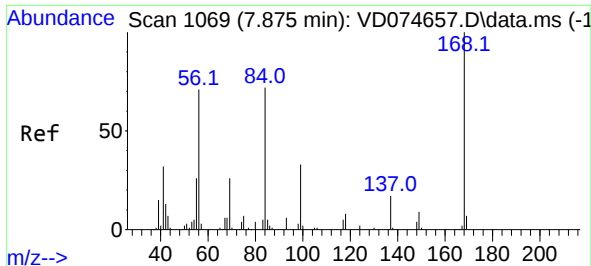
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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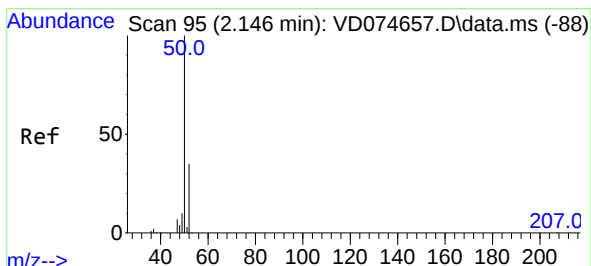
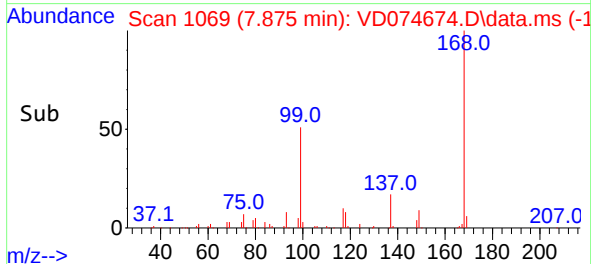
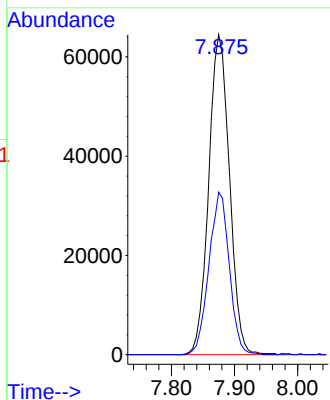
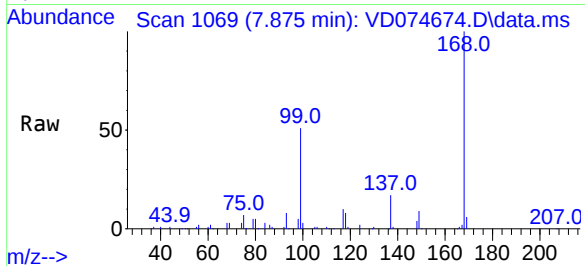




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

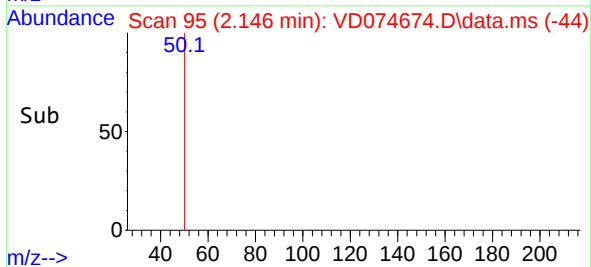
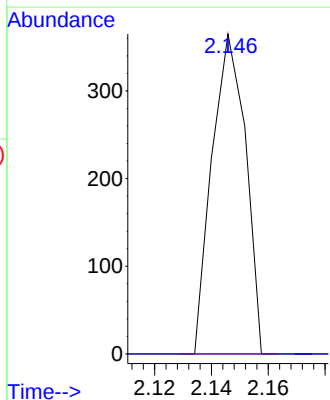
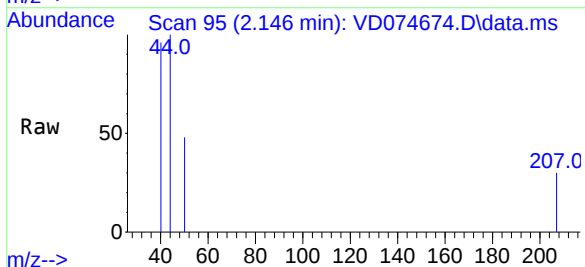
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-GRAB-2-SE-QUARTER

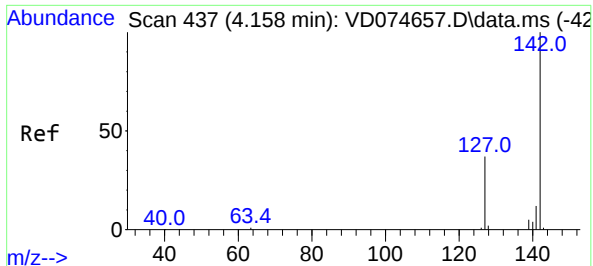
Tgt Ion:168 Resp: 147359
Ion Ratio Lower Upper
168 100
99 50.8 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Tgt Ion: 50 Resp: 299
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

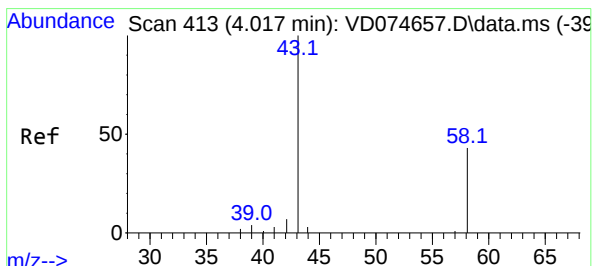
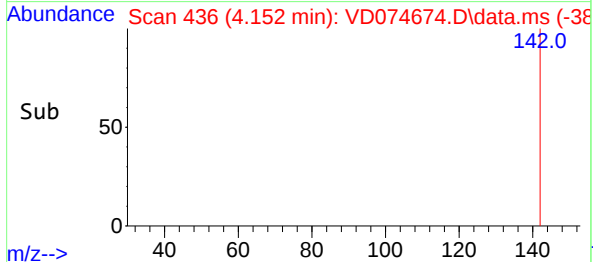
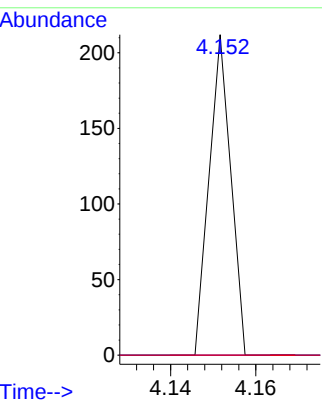
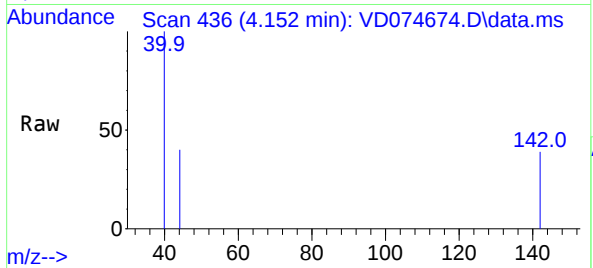




#10
Methyl Iodide
Concen: 5.492 ug/l
RT: 4.152 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

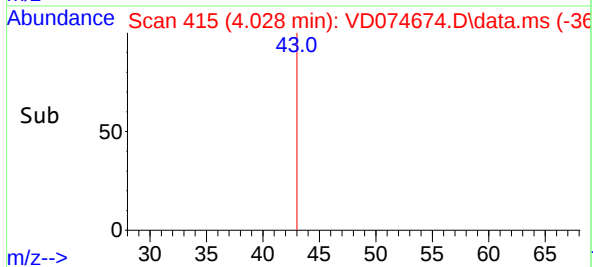
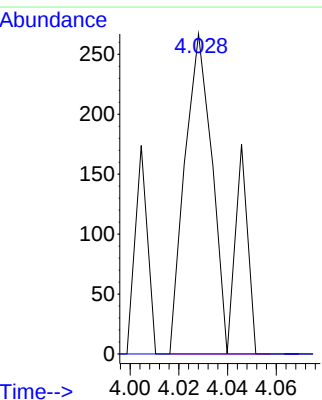
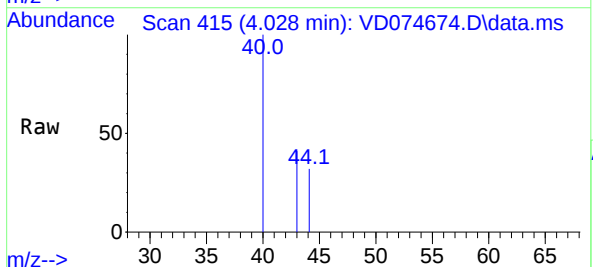
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-2-SE-QUARTER

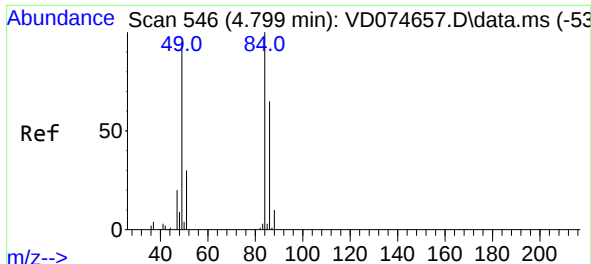
Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

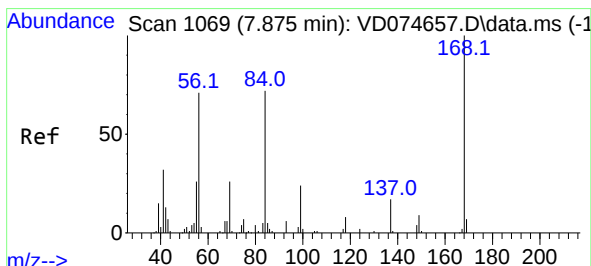
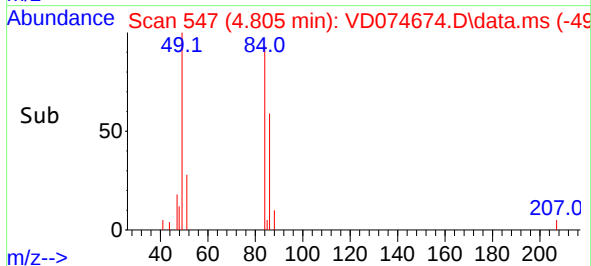
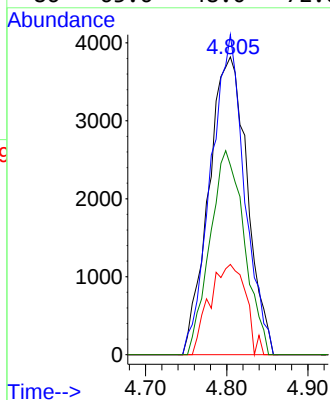
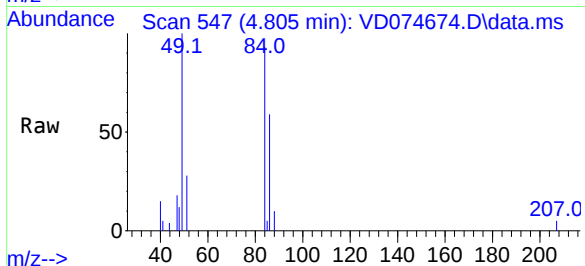




#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.005 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

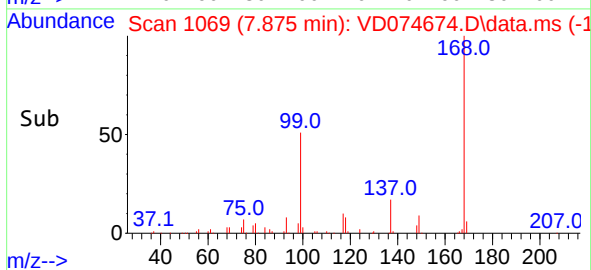
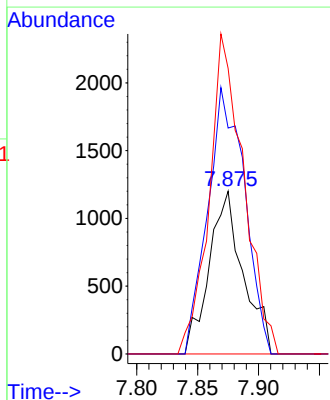
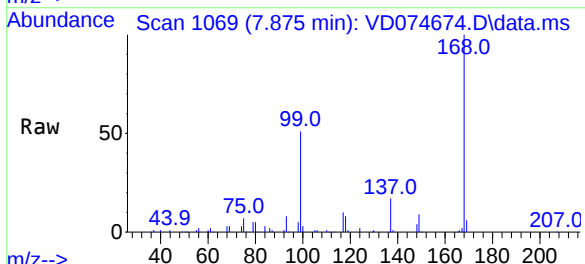
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-GRAB-2-SE-QUARTER

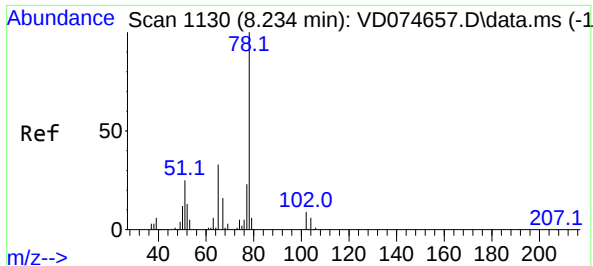
Tgt Ion:	84	Resp:	12567
Ion	Ratio	Lower	Upper
84	100		
49	107.5	68.0	102.0#
51	30.3	23.2	34.8
86	63.6	48.0	72.0



#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Tgt Ion:	56	Resp:	2330
Ion	Ratio	Lower	Upper
56	100		
69	138.8	29.2	43.8#
84	175.4	83.4	125.2#





#33

1,2-Dichloroethane-d4

Concen: 57.484 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074674.D

Acq: 28 Oct 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

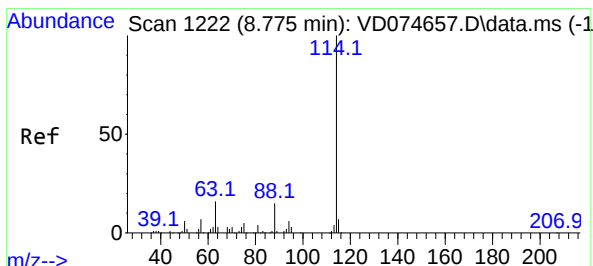
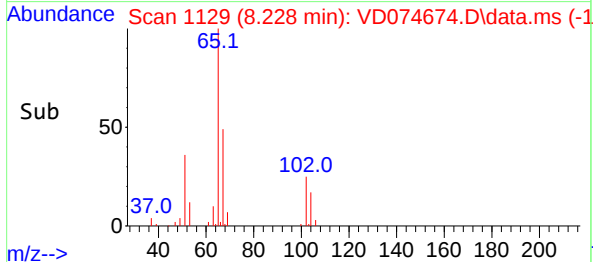
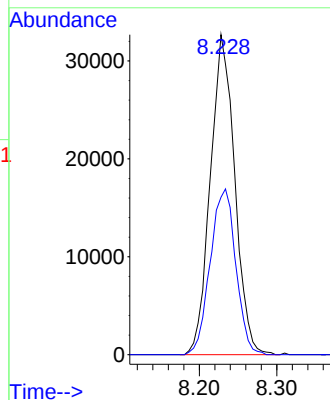
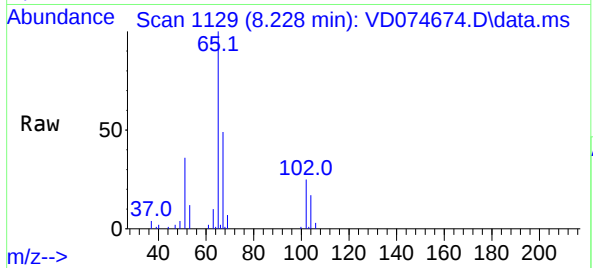
TOTAL-VOC-GRAB-2-SE-QUARTER

Tgt Ion: 65 Resp: 71495

Ion Ratio Lower Upper

65 100

67 54.2 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: VD074674.D

Acq: 28 Oct 2022 16:25

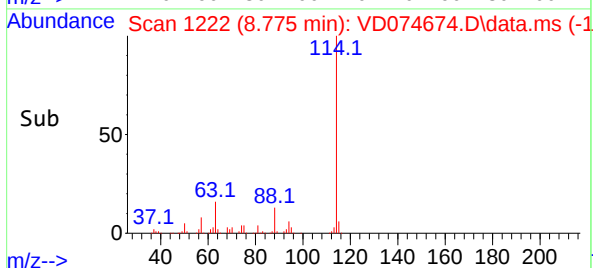
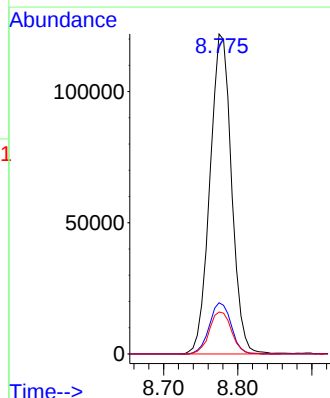
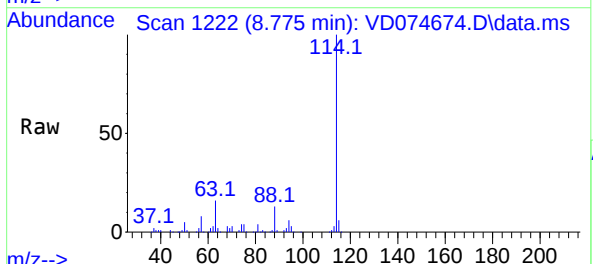
Tgt Ion: 114 Resp: 246620

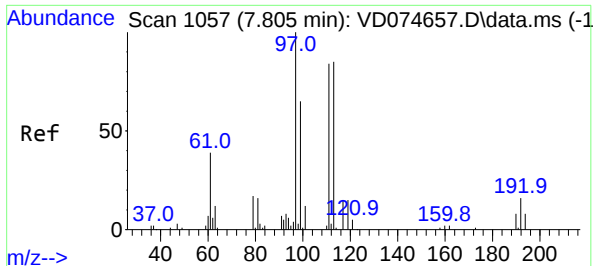
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 59.378 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074674.D

Acq: 28 Oct 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-GRAB-2-SE-QUARTER

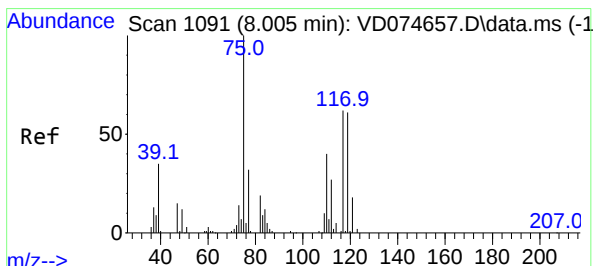
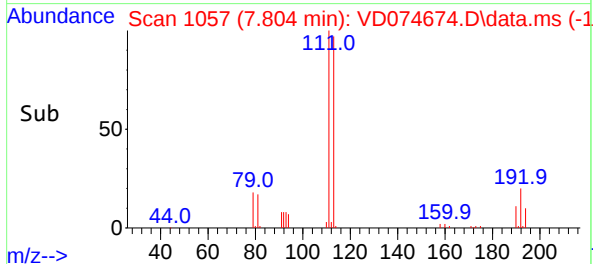
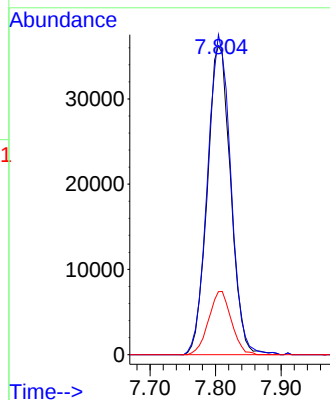
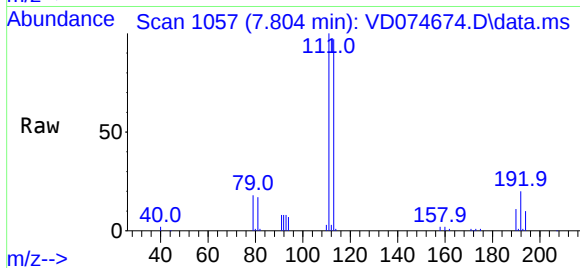
Tgt Ion:113 Resp: 89418

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 20.0 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.571 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074674.D

Acq: 28 Oct 2022 16:25

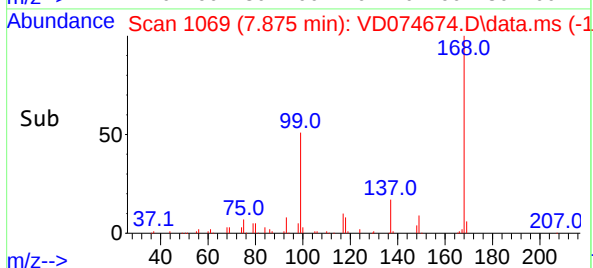
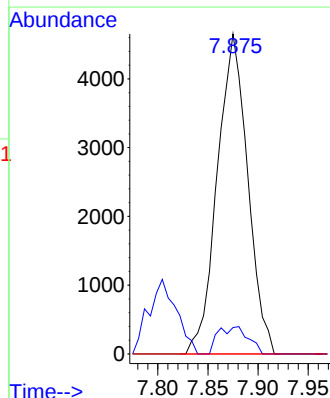
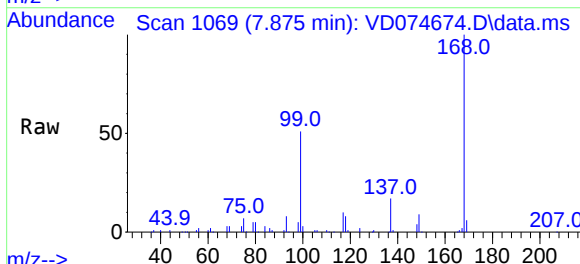
Tgt Ion: 75 Resp: 9808

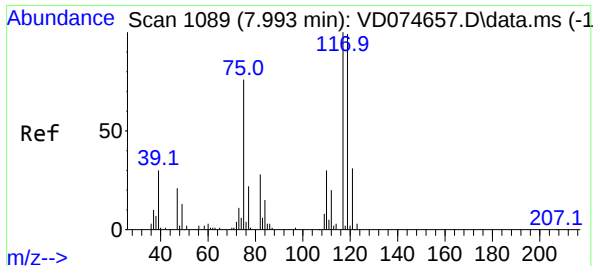
Ion Ratio Lower Upper

75 100

110 8.4 19.7 59.0#

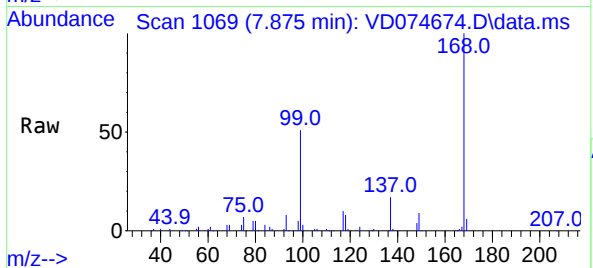
77 0.0 25.4 38.2#



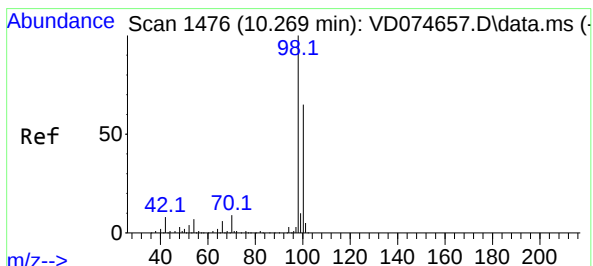
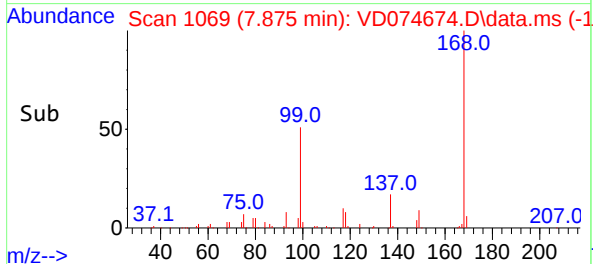
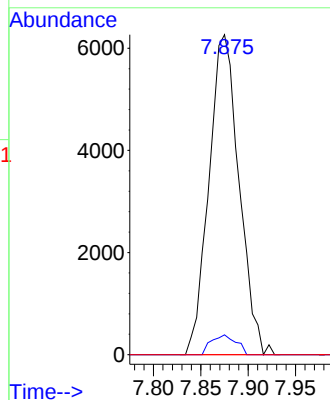


#38
Carbon Tetrachloride
Concen: 6.948 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-GRAB-2-SE-QUARTER

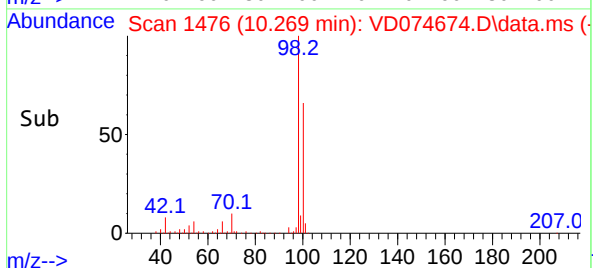
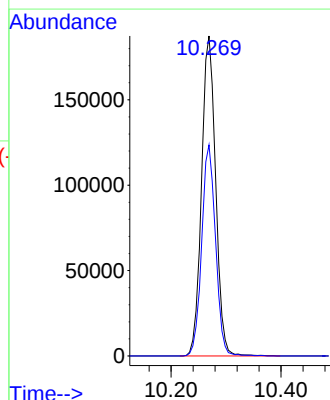
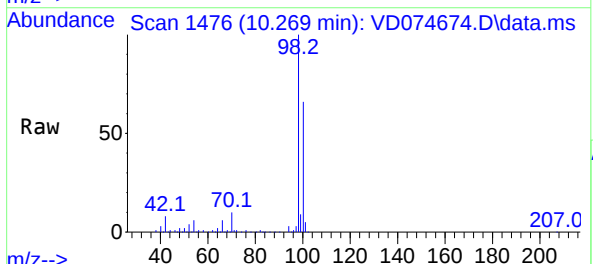


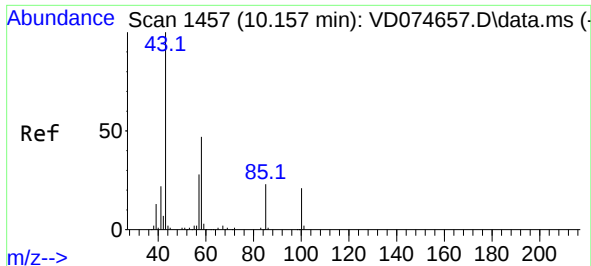
Tgt Ion:117 Resp: 13854
Ion Ratio Lower Upper
117 100
119 6.2 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 57.620 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Tgt Ion: 98 Resp: 333694
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

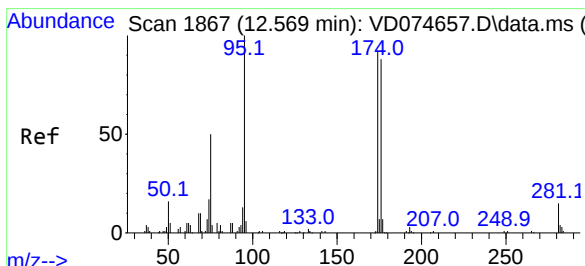
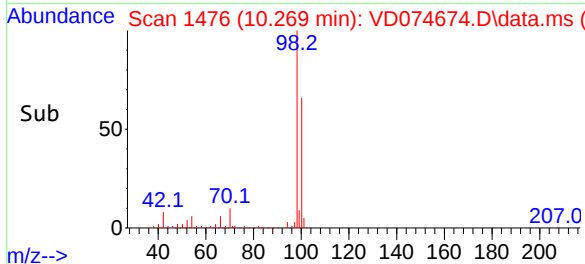
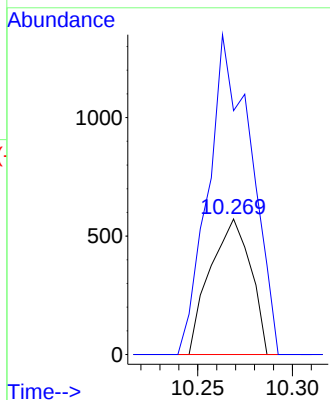
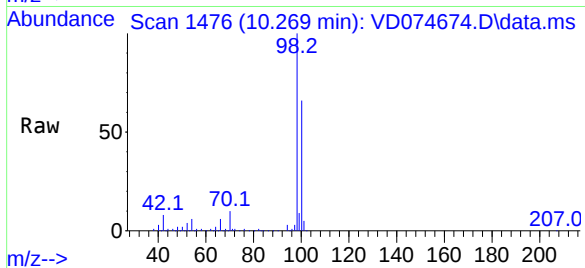




#51
4-Methyl-2-Pentanone
Concen: 1.337 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

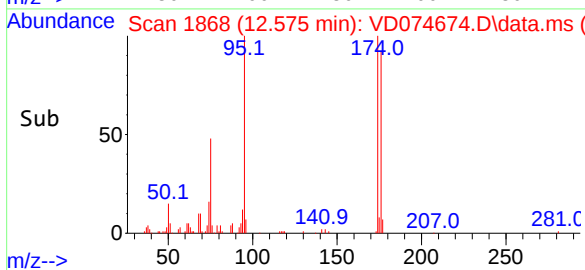
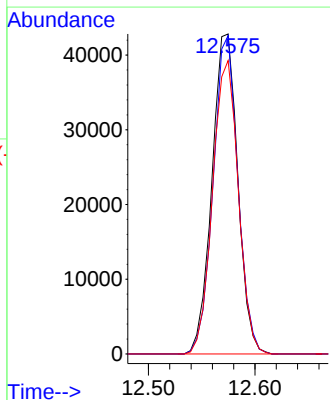
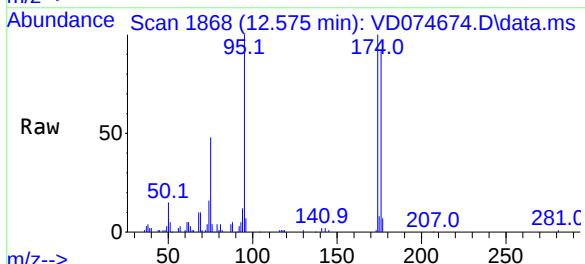
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-GRAB-2-SE-QUARTER

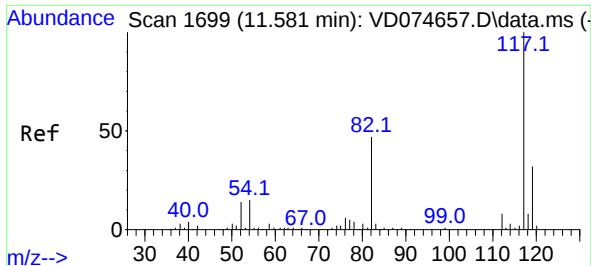
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 248.8 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 45.272 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Tgt Ion: 95 Resp: 72006
Ion Ratio Lower Upper
95 100
174 95.1 0.0 197.0
176 91.3 0.0 182.6

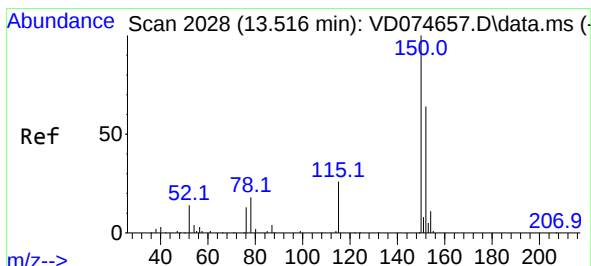
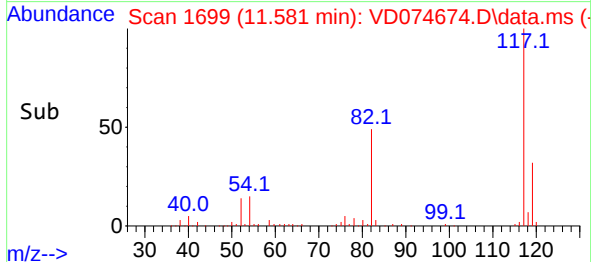
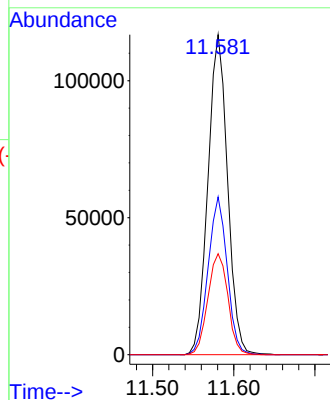
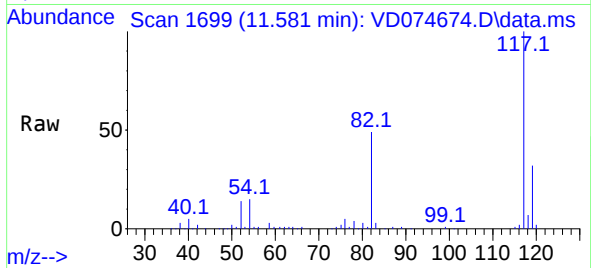




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

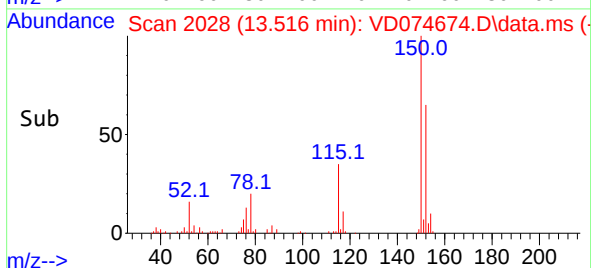
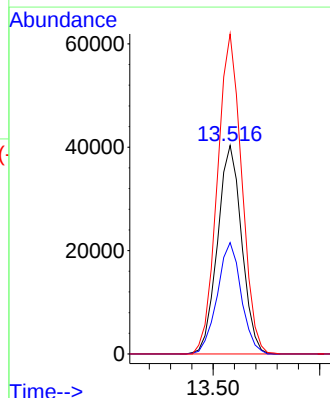
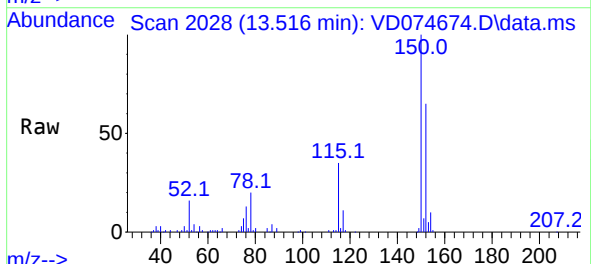
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-2-SE-QUARTER

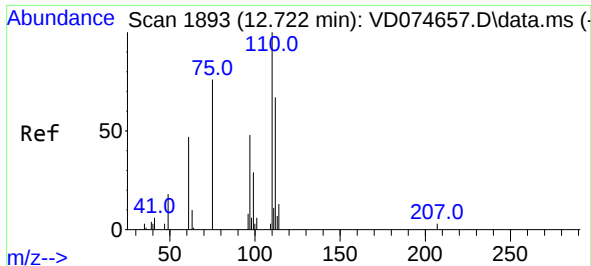
Tgt Ion:117 Resp: 195797
Ion Ratio Lower Upper
117 100
82 49.3 41.6 62.4
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Tgt Ion:152 Resp: 63430
Ion Ratio Lower Upper
152 100
115 53.1 26.8 80.4
150 154.7 0.0 348.2

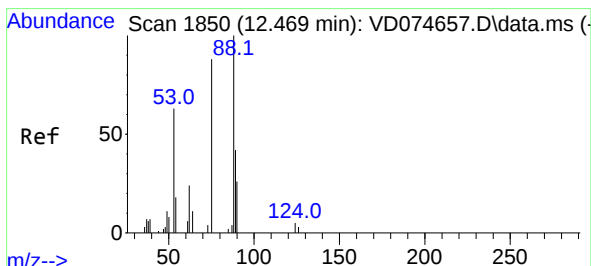
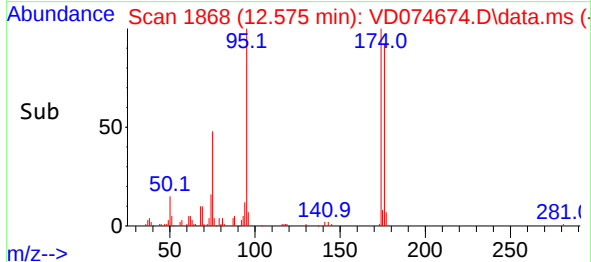
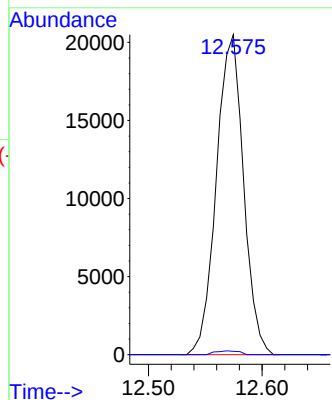
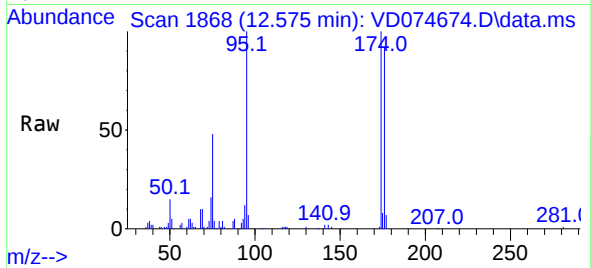




#76
1,2,3-Trichloropropane
Concen: 68.504 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-GRAB-2-SE-QUARTER

Tgt Ion: 75 Resp: 33984
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 181.300 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074674.D
Acq: 28 Oct 2022 16:25

Tgt Ion: 75 Resp: 33984
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

