

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075342.D
 Acq On : 14 Feb 2023 14:43
 Operator : KP/SY
 Sample : 01537-22
 Misc : 6.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-GRAB-24

Quant Time: Feb 15 03:34:23 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)

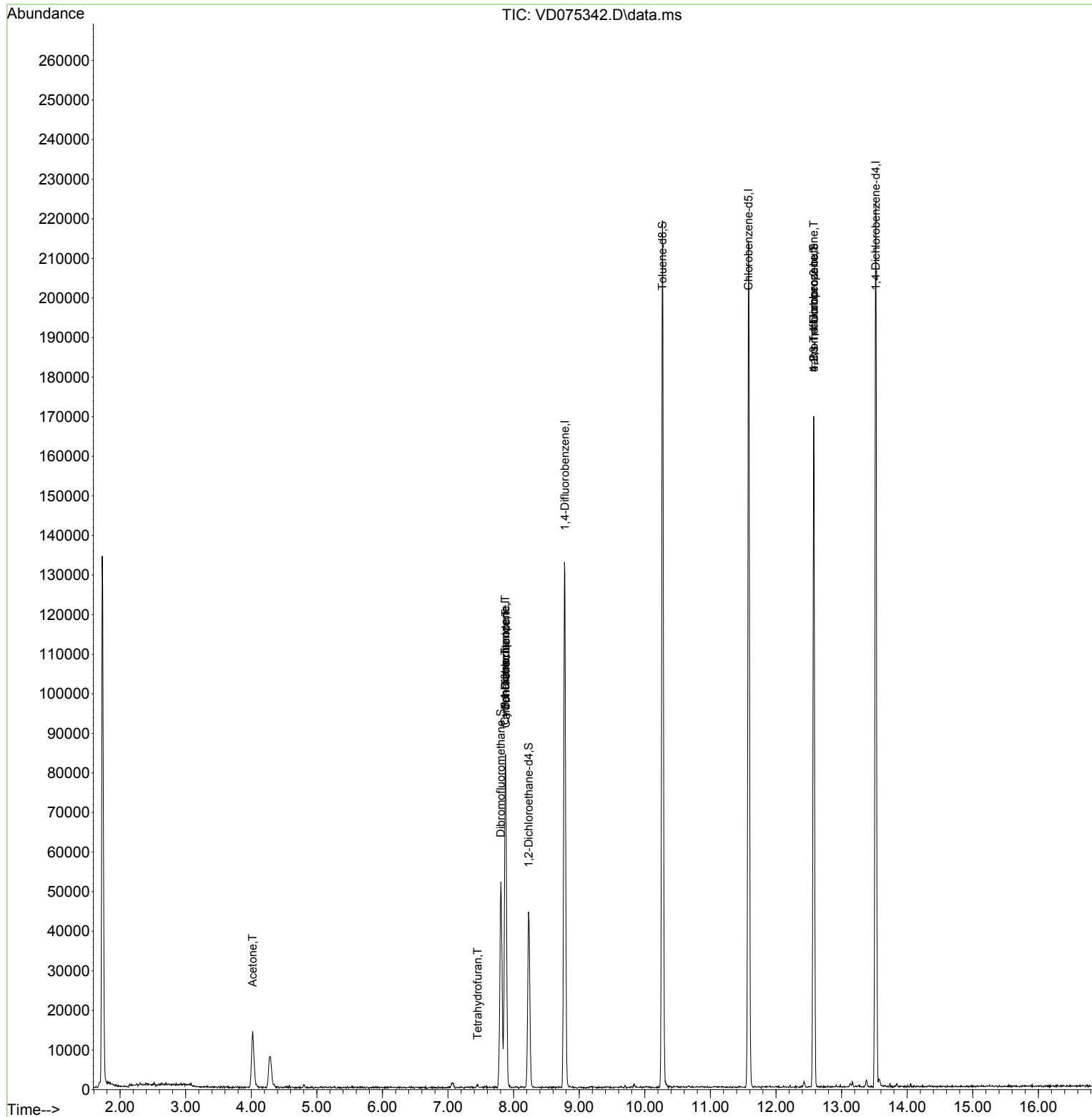
Internal Standards						
1) Pentafluorobenzene	7.875	168	62569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	111638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	116591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	35032	47.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.500%
35) Dibromofluoromethane	7.805	113	36059	46.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.120%
50) Toluene-d8	10.269	98	143239	48.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.575	95	51053	52.155	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	148	Below Cal	#	41
16) Acetone	4.023	43	24103	124.243	ug/l	96
18) Methyl Acetate	4.546	43	130	Below Cal	#	52
20) Methylene Chloride	4.799	84	357	Below Cal	#	55
29) Tetrahydrofuran	7.452	42	349	2.696	ug/l	# 48
31) Cyclohexane	7.869	56	1629	1.250	ug/l	# 11
36) 1,1-Dichloropropene	7.875	75	5438	4.460	ug/l	# 45
38) Carbon Tetrachloride	7.881	117	6326	5.598	ug/l	# 19
76) 1,2,3-Trichloropropane	12.575	75	27897	43.610	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	27897	137.722	ug/l	# 14

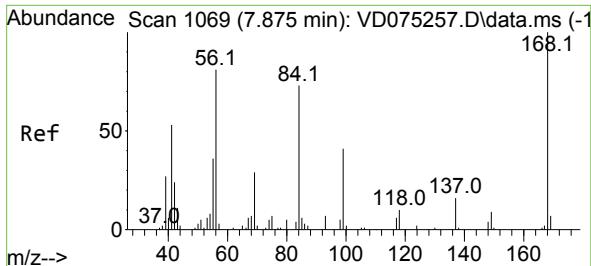
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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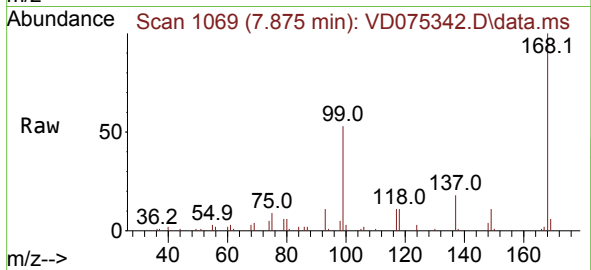
Quant Time: Feb 15 03:34:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration



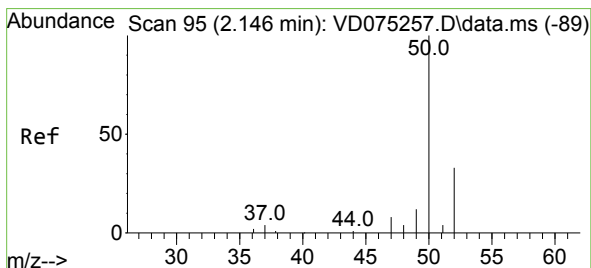
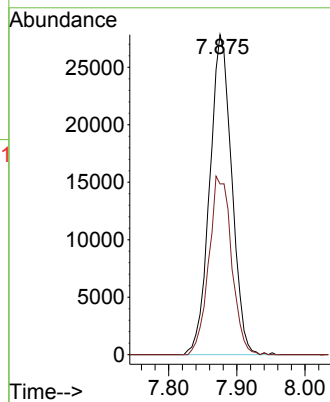
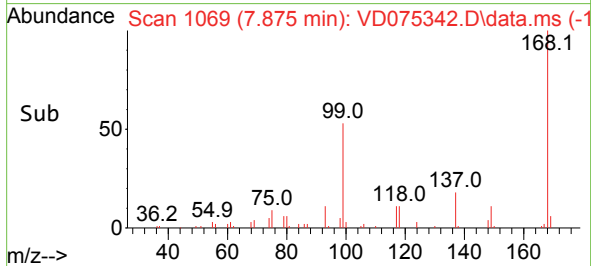


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-24

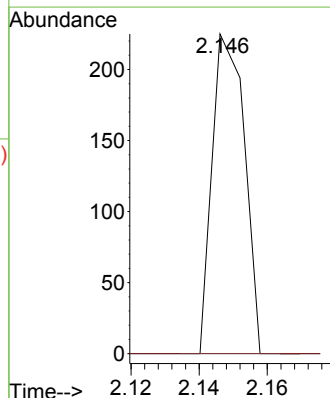
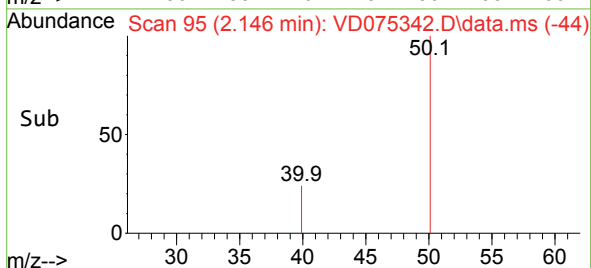
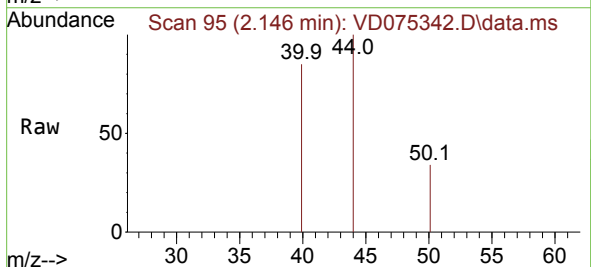


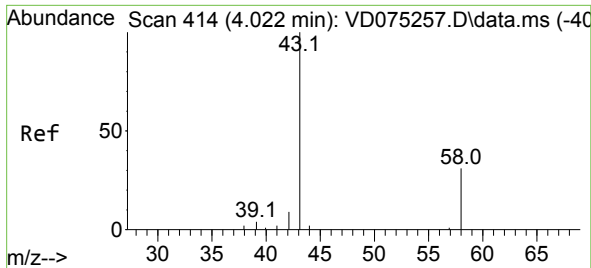
Tgt Ion:168 Resp: 62569
Ion Ratio Lower Upper
168 100
99 53.4 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Tgt Ion: 50 Resp: 148
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

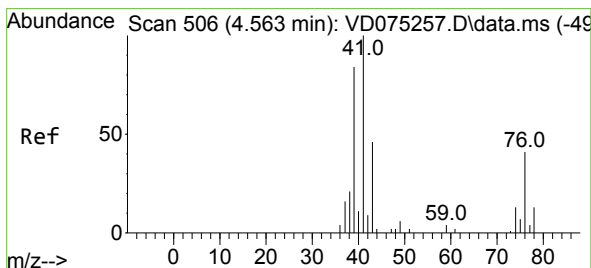
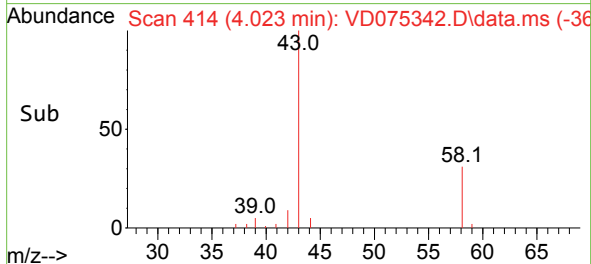
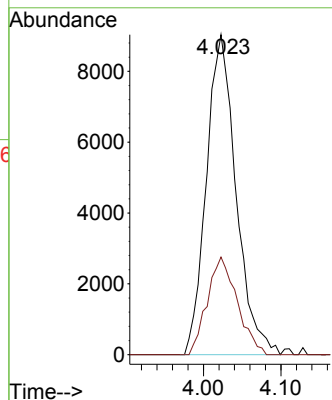
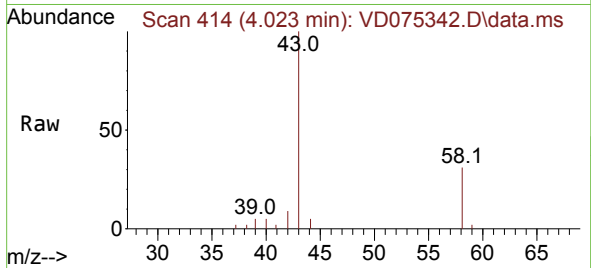




#16
Acetone
Concen: 124.243 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

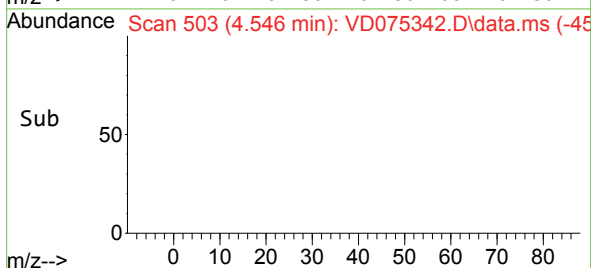
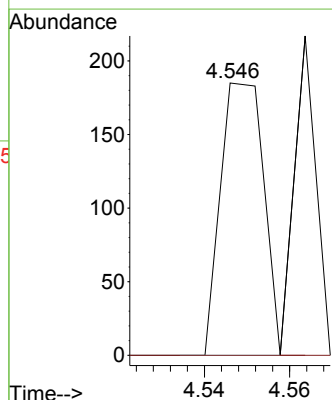
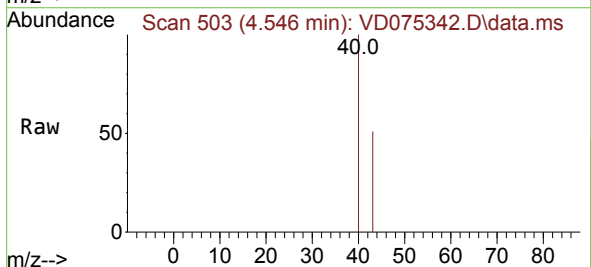
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-24

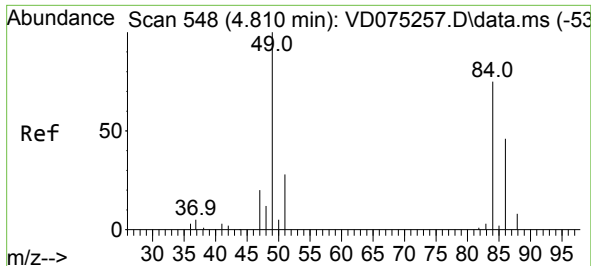
Tgt Ion: 43 Resp: 24103
Ion Ratio Lower Upper
43 100
58 30.5 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.546 min Scan# 503
Delta R.T. -0.017 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

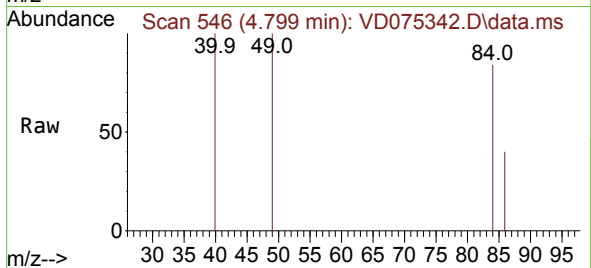
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
74 0.0 18.5 27.7#



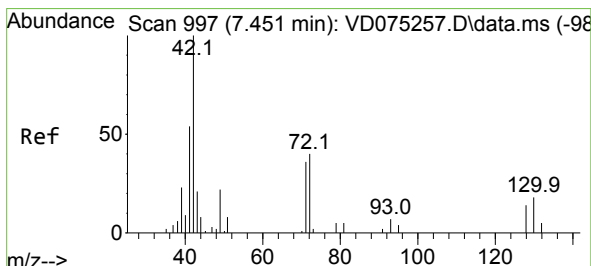
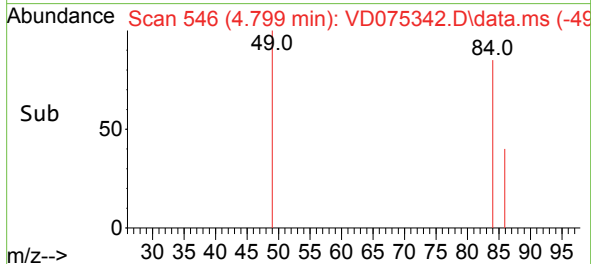
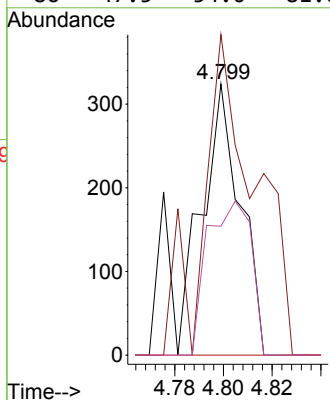


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 548
Delta R.T. -0.011 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-24

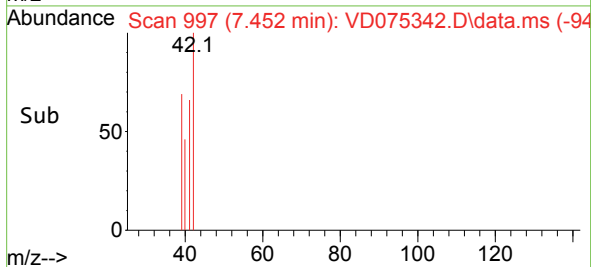
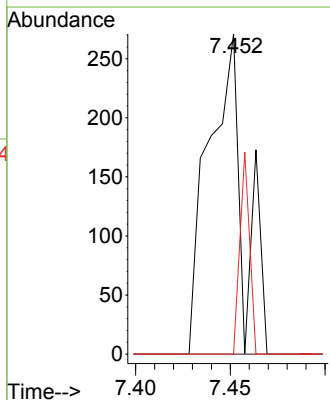
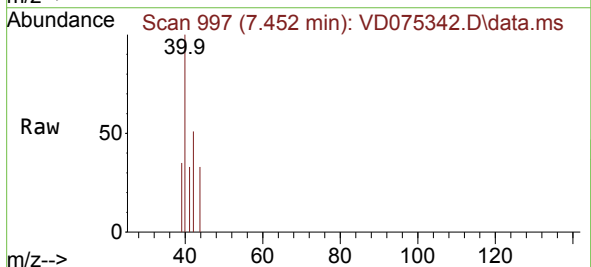


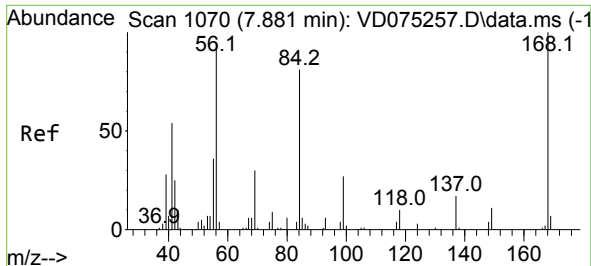
Tgt Ion: 84	Resp: 357
Ion Ratio	Lower Upper
84 100	
49 64.2	97.0 145.6#
51 0.0	30.9 46.3#
86 47.5	54.0 81.0#



#29
Tetrahydrofuran
Concen: 2.696 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.001 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

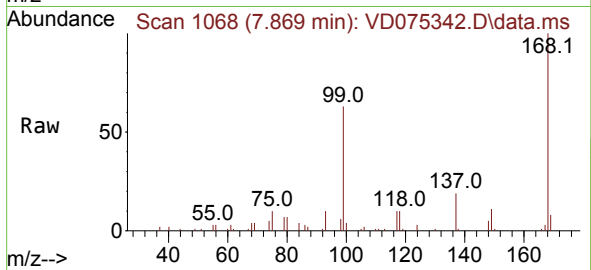
Tgt Ion: 42	Resp: 349
Ion Ratio	Lower Upper
42 100	
72 0.0	33.8 50.8#
71 17.2	31.6 47.4#



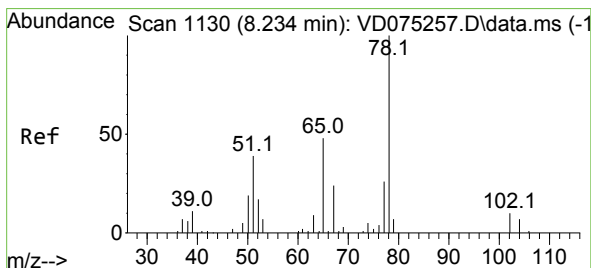
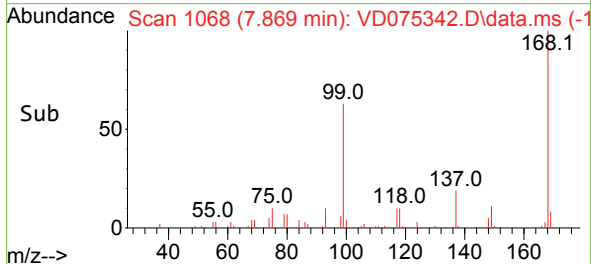
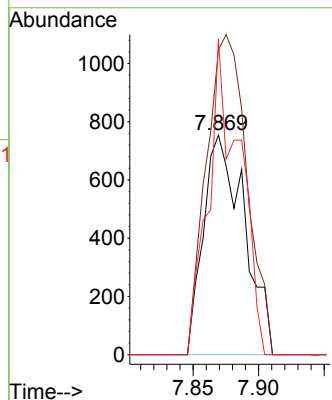


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Instrument :
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ClientSampleId :
TOT-VOC-GRAB-24

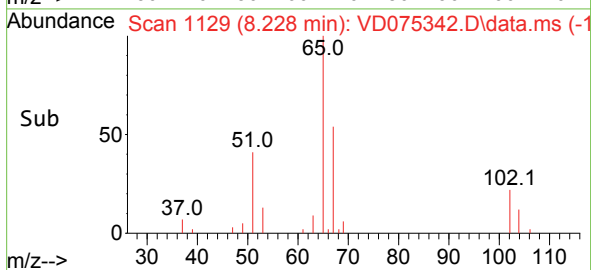
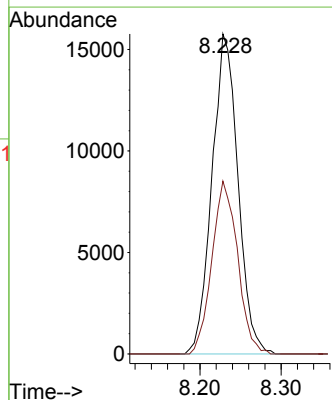
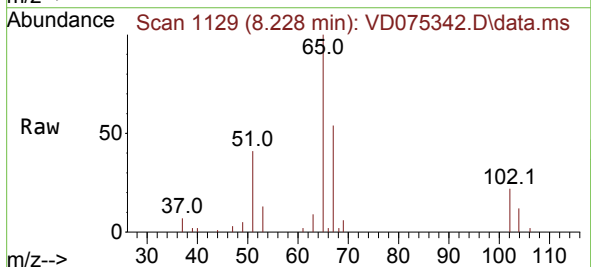


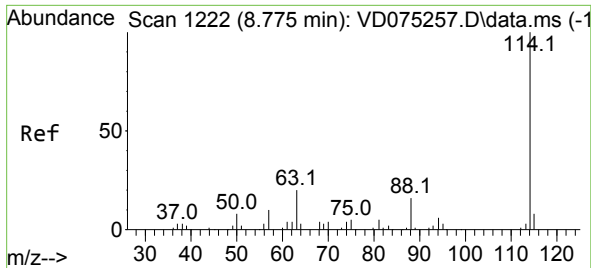
Tgt Ion: 56 Resp: 1629
Ion Ratio Lower Upper
56 100
69 138.9 26.6 40.0#
84 143.9 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 47.749 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Tgt Ion: 65 Resp: 35032
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.2

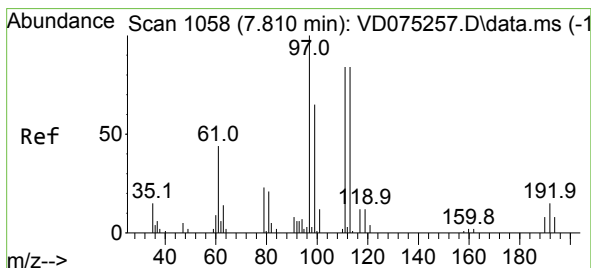
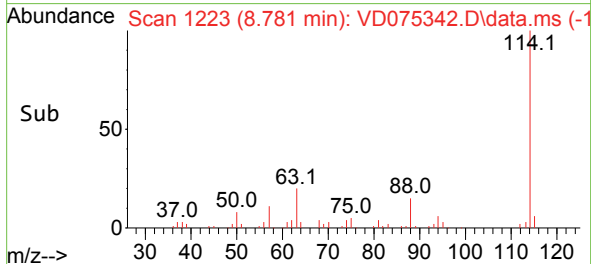
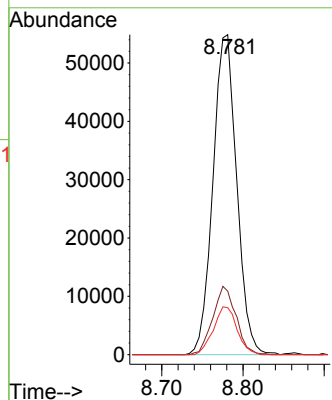
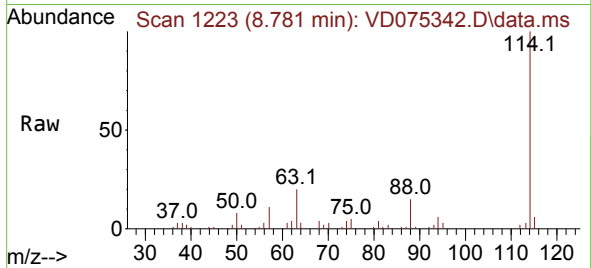




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

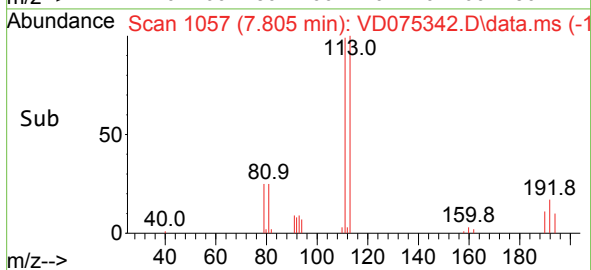
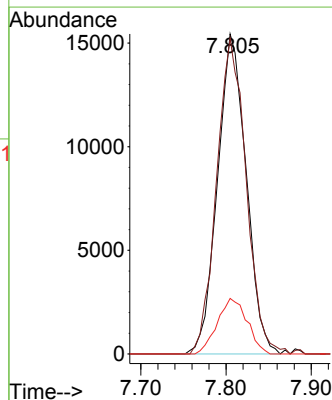
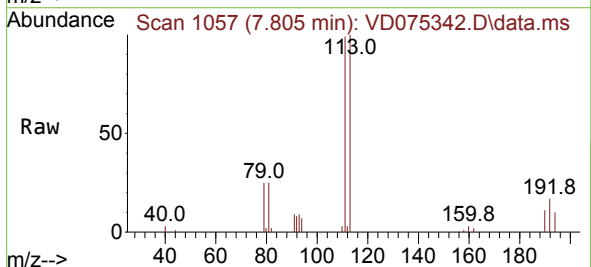
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-24

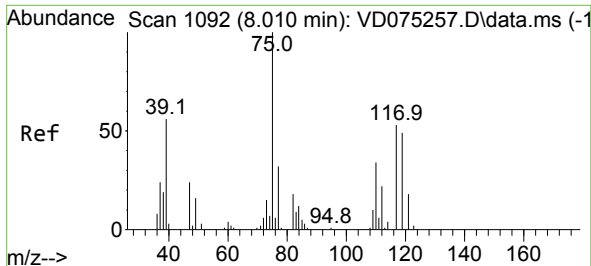
Tgt Ion:114 Resp: 111638
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.2
88 14.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.064 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Tgt Ion:113 Resp: 36059
Ion Ratio Lower Upper
113 100
111 101.5 80.1 120.1
192 18.1 15.4 23.0

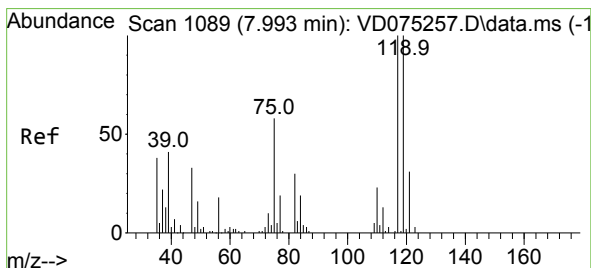
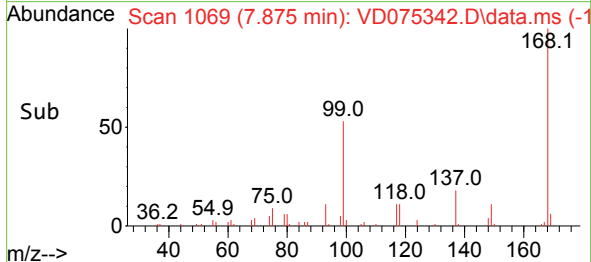
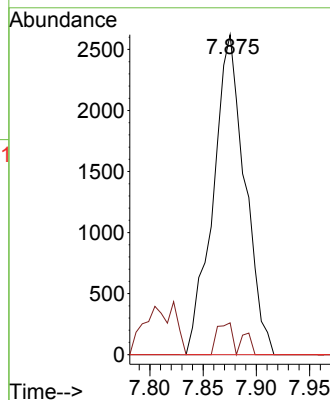
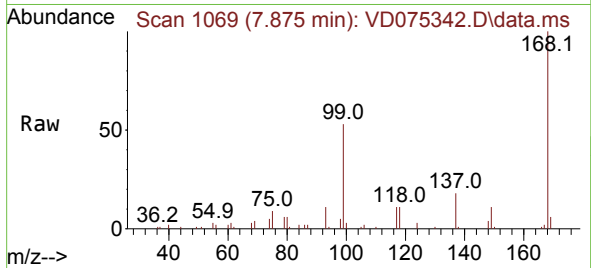




#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

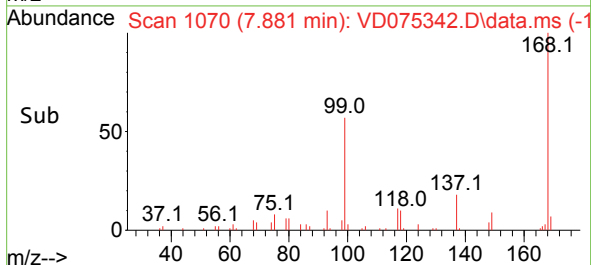
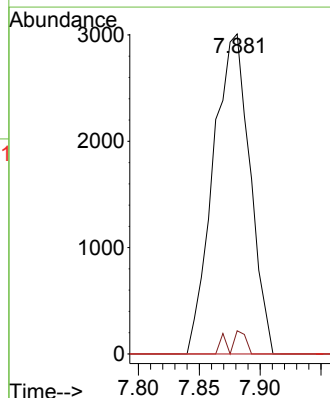
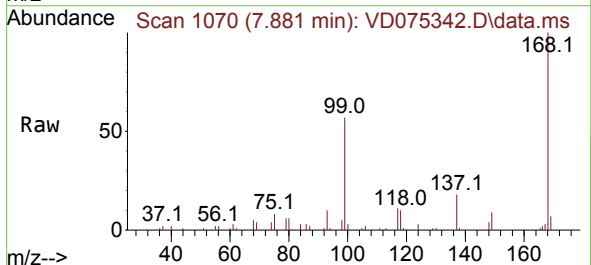
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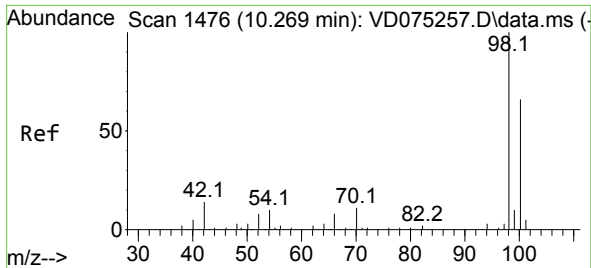
Tgt Ion: 75 Resp: 5438
Ion Ratio Lower Upper
75 100
110 4.7 18.1 54.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.598 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Tgt Ion: 117 Resp: 6326
Ion Ratio Lower Upper
117 100
119 7.2 73.6 110.4#
121 0.0 25.4 38.0#

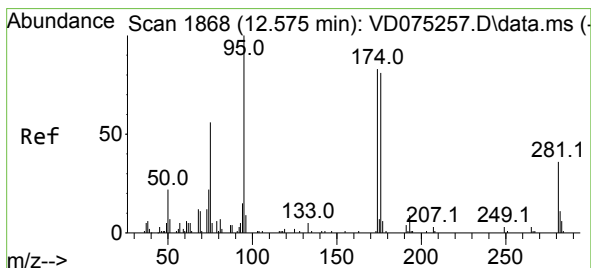
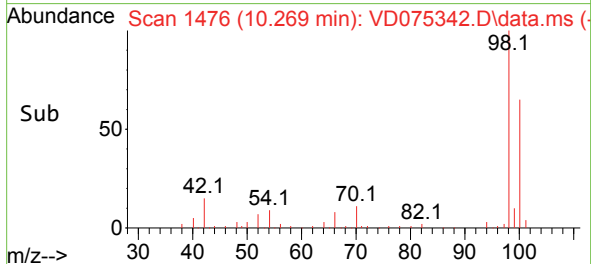
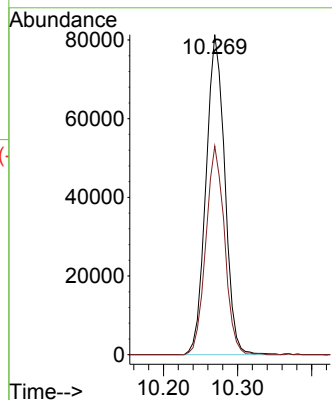
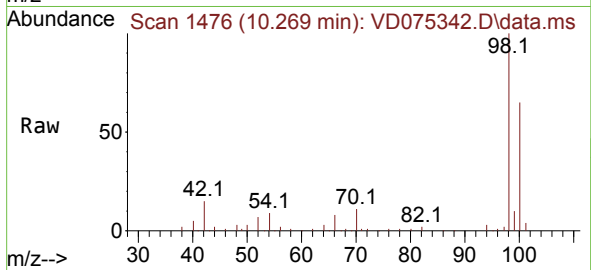




#50
Toluene-d8
Concen: 48.250 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

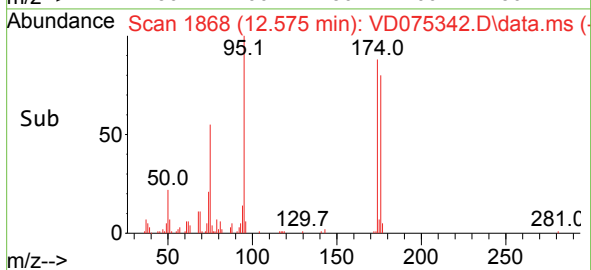
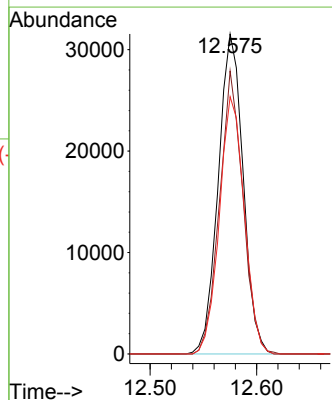
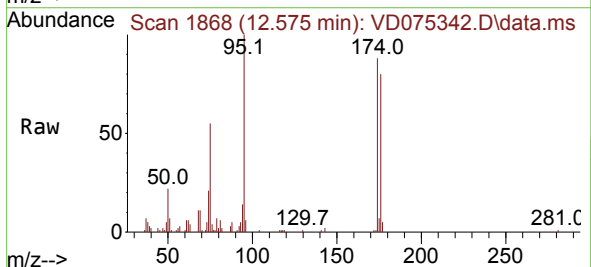
Instrument :
MSVOA_D
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TOT-VOC-GRAB-24

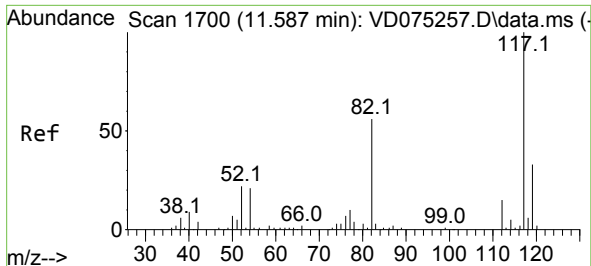
Tgt Ion: 98 Resp: 143239
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.155 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Tgt Ion: 95 Resp: 51053
Ion Ratio Lower Upper
95 100
174 83.4 0.0 161.2
176 80.5 0.0 160.2

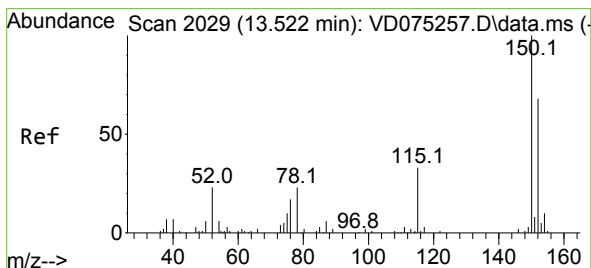
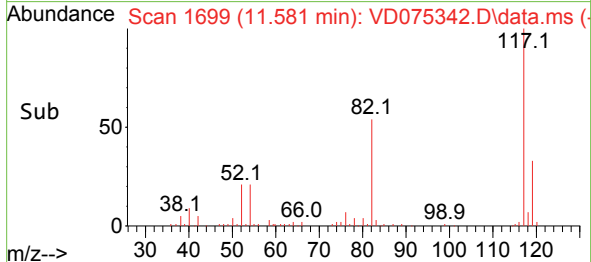
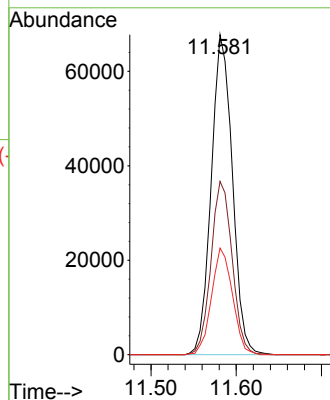
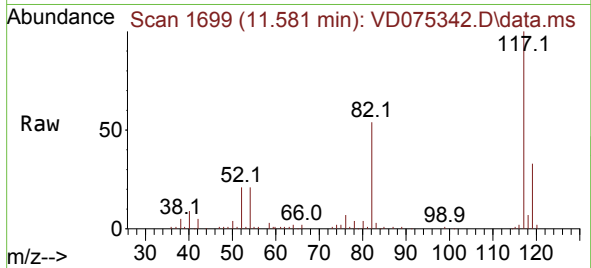




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

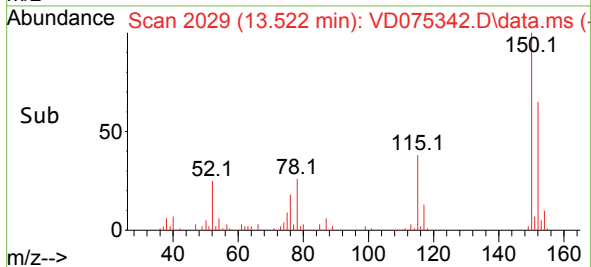
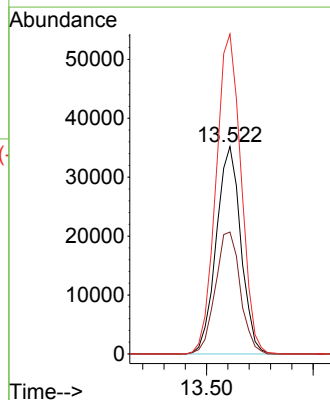
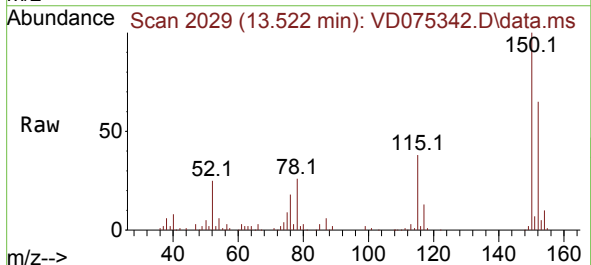
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-24

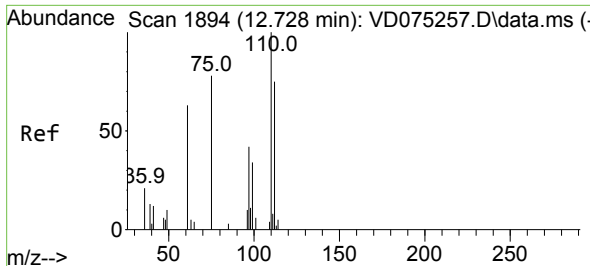
Tgt Ion:117 Resp: 116591
Ion Ratio Lower Upper
117 100
82 54.2 39.6 59.4
119 33.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Tgt Ion:152 Resp: 56318
Ion Ratio Lower Upper
152 100
115 59.9 28.8 86.4
150 157.1 0.0 348.6

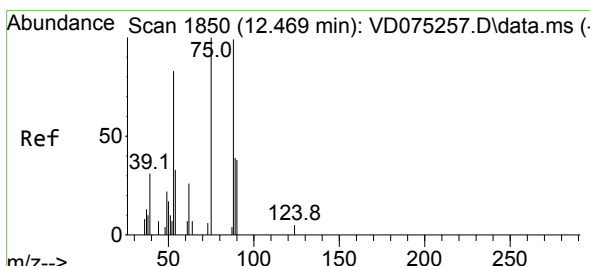
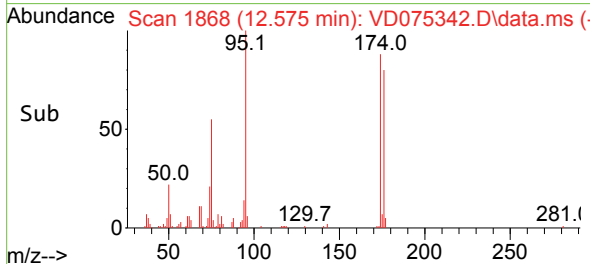
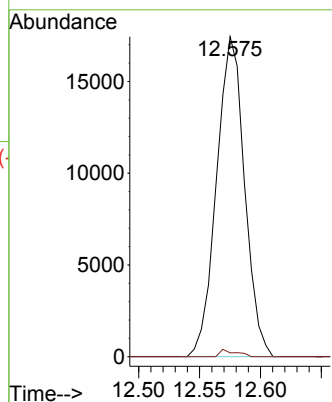
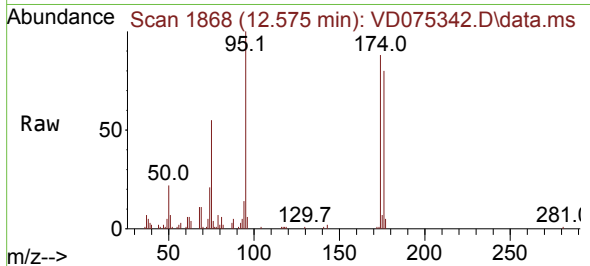




#76
1,2,3-Trichloropropane
Concen: 43.610 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-GRAB-24

Tgt Ion: 75 Resp: 27897
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.722 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075342.D
Acq: 14 Feb 2023 14:43

Tgt Ion: 75 Resp: 27897
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

