

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075202.D
 Acq On : 25 Jan 2023 14:08
 Operator : KP/SY
 Sample : 01251-05RE
 Misc : 3.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-1

Quant Time: Jan 25 15:57:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

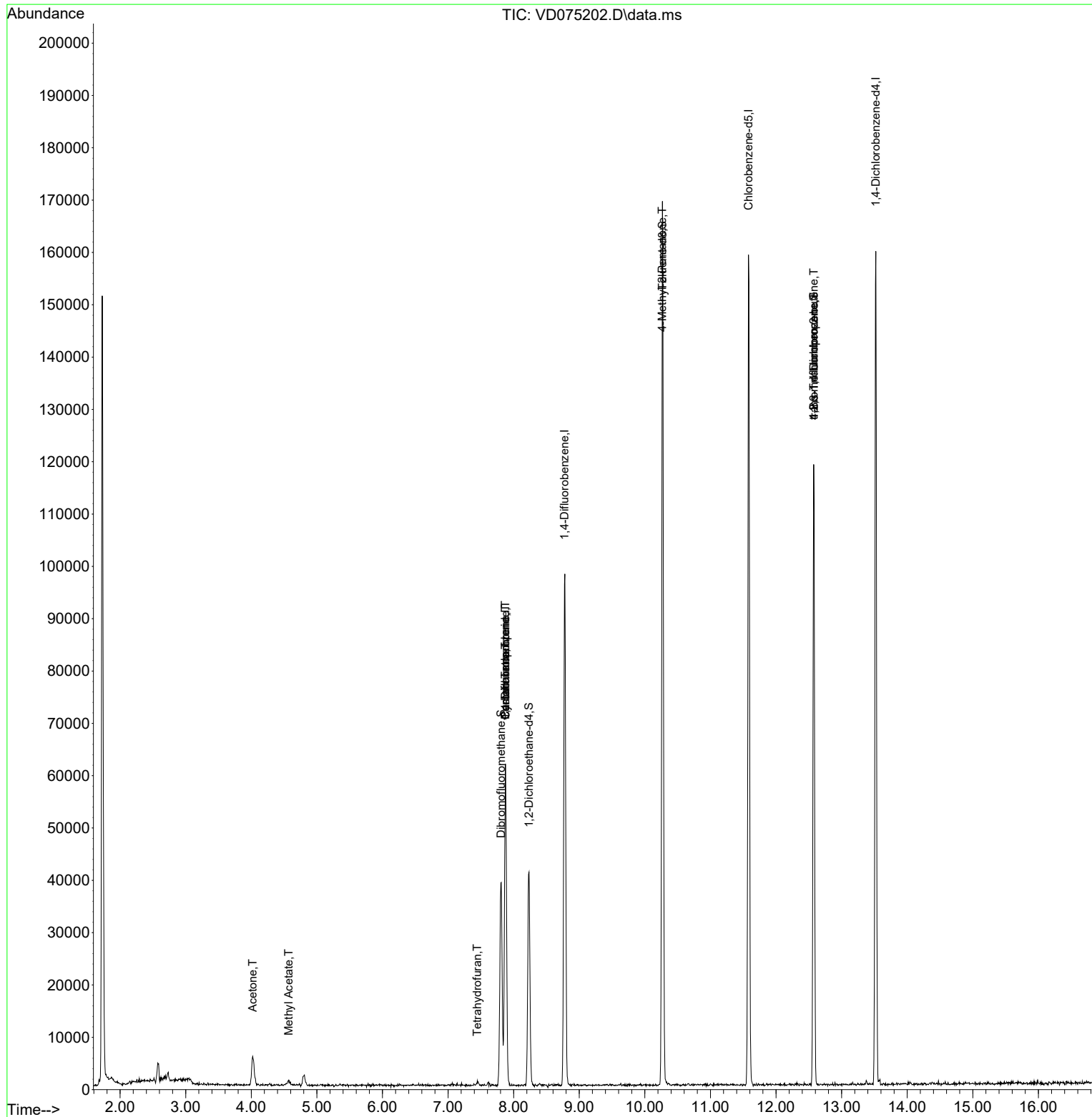
Internal Standards						
1) Pentafluorobenzene	7.875	168	45753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	88017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	87856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32686	70.010	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.020%			
35) Dibromofluoromethane	7.810	113	29512	55.488	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.980%			
50) Toluene-d8	10.269	98	111717	53.348	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.700%			
62) 4-Bromofluorobenzene	12.575	95	39189	58.965	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.940%			
Target Compounds						
16) Acetone	4.022	43	9752	79.197	ug/l	98
18) Methyl Acetate	4.569	43	2094	6.256	ug/l #	59
20) Methylene Chloride	4.787	84	663	Below Cal	#	63
29) Tetrahydrofuran	7.446	42	373	4.394	ug/l #	50
31) Cyclohexane	7.875	56	1163	1.242	ug/l #	19
36) 1,1-Dichloropropene	7.875	75	4084	4.779	ug/l #	44
38) Carbon Tetrachloride	7.875	117	4586	6.374	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	522	1.623	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	20956	61.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	20956	142.049	ug/l #	14

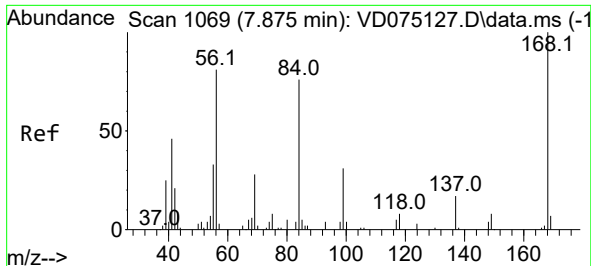
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

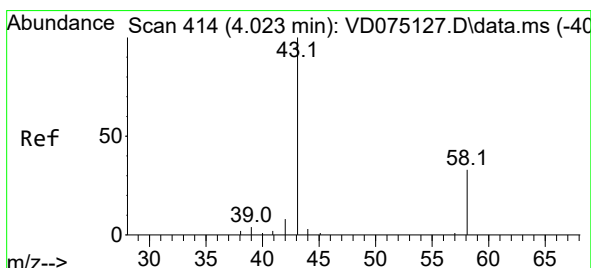
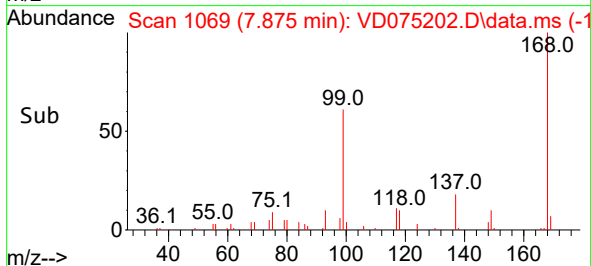
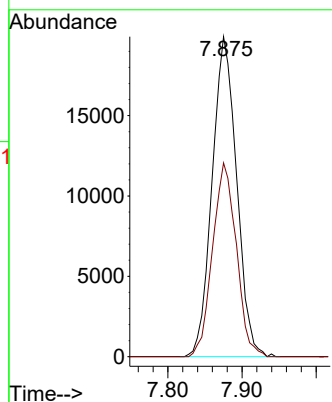
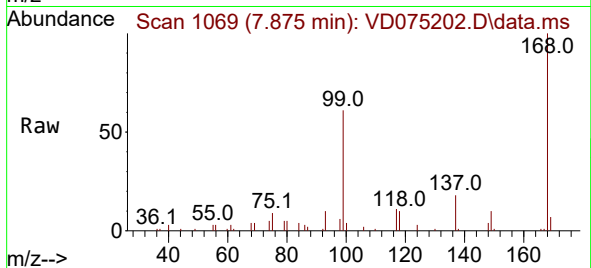




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

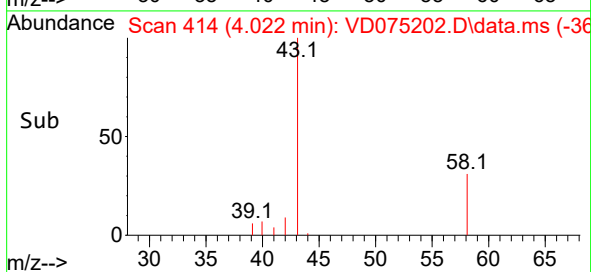
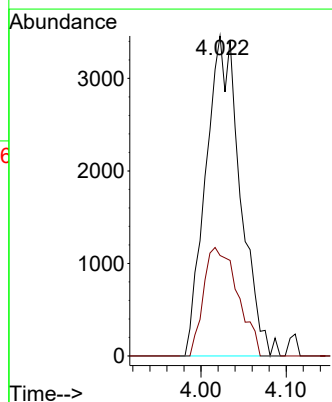
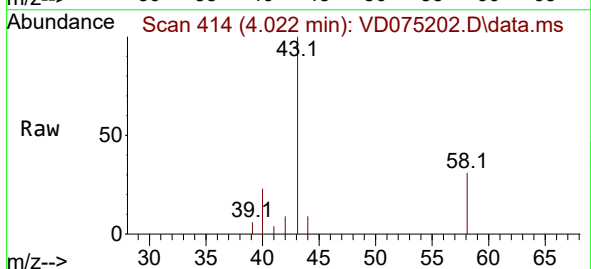
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-1

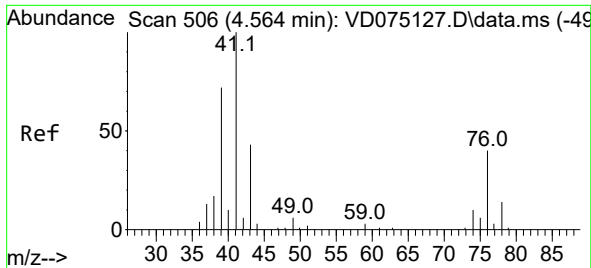
Tgt Ion:168 Resp: 45753
Ion Ratio Lower Upper
168 100
99 60.6 45.2 67.8



#16
Acetone
Concen: 79.197 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

Tgt Ion: 43 Resp: 9752
Ion Ratio Lower Upper
43 100
58 31.4 26.0 39.0

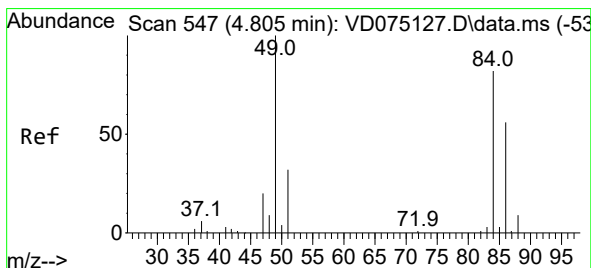
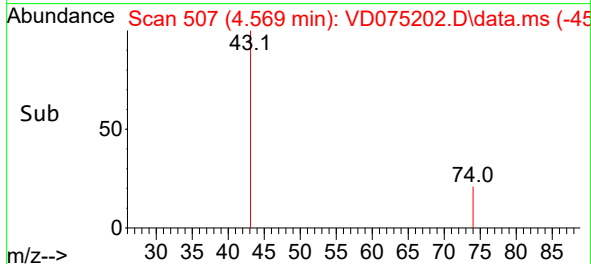
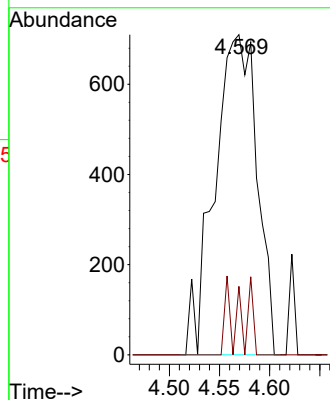
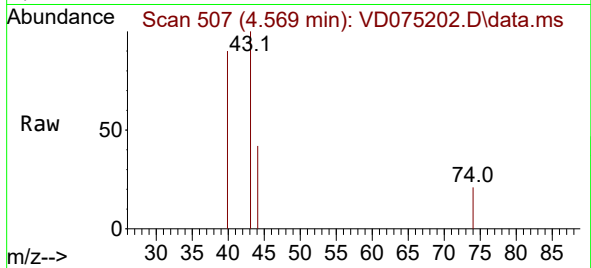




#18
Methyl Acetate
Concen: 6.256 ug/l
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

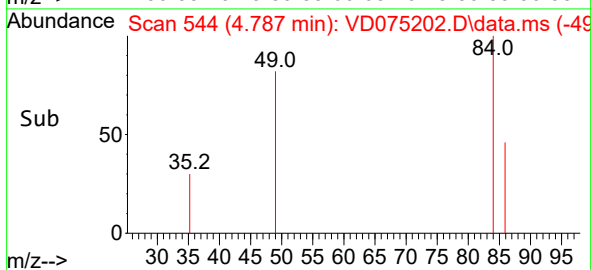
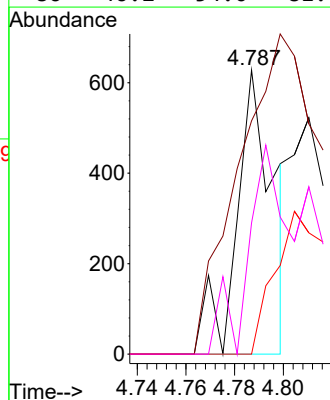
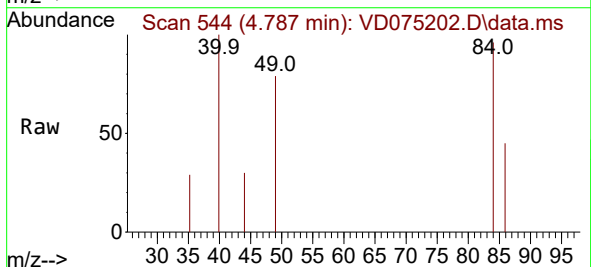
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-1

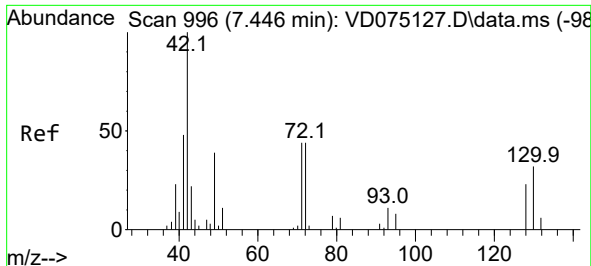
Tgt Ion: 43 Resp: 2094
Ion Ratio Lower Upper
43 100
74 3.0 18.5 27.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 544
Delta R.T. -0.018 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

Tgt Ion: 84 Resp: 663
Ion Ratio Lower Upper
84 100
49 82.2 97.0 145.6#
51 0.0 30.9 46.3#
86 46.2 54.0 81.0#





#29

Tetrahydrofuran

Concen: 4.394 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075202.D

Acq: 25 Jan 2023 14:08

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-1

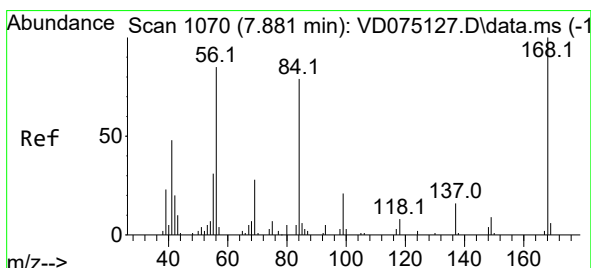
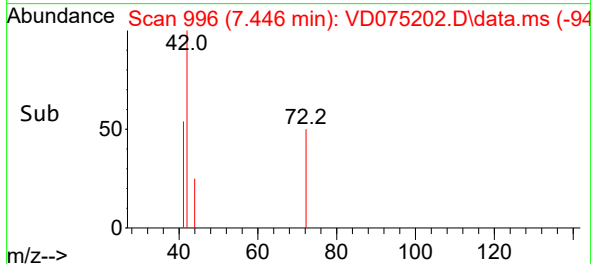
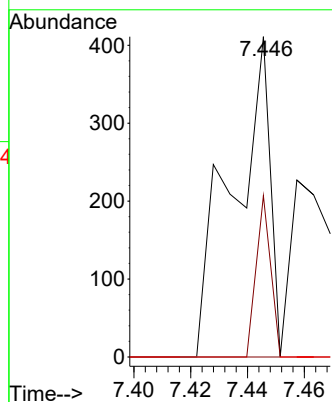
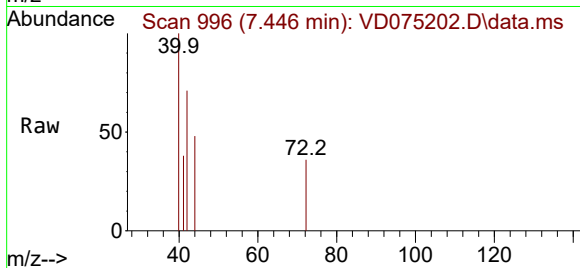
Tgt Ion: 42 Resp: 373

Ion Ratio Lower Upper

42 100

72 19.6 33.8 50.8#

71 0.0 31.6 47.4#



#31

Cyclohexane

Concen: 1.242 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075202.D

Acq: 25 Jan 2023 14:08

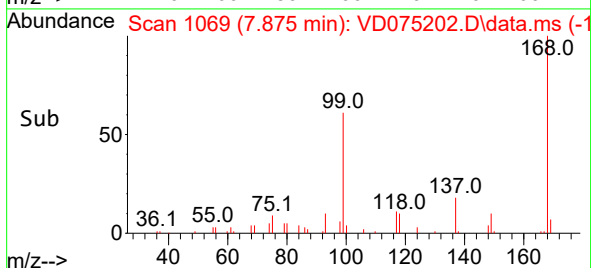
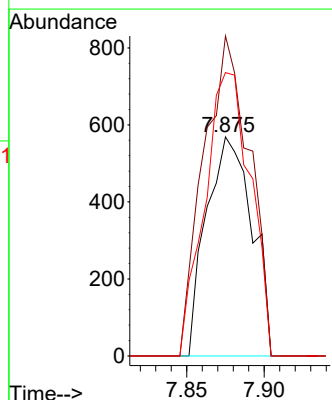
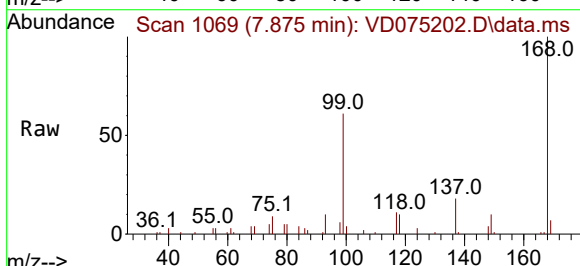
Tgt Ion: 56 Resp: 1163

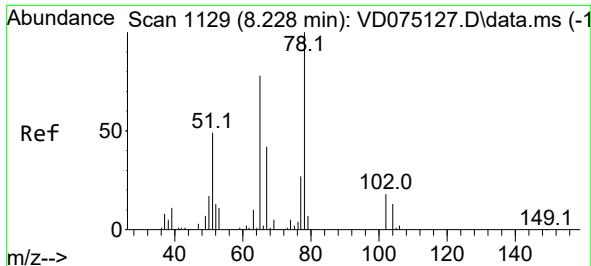
Ion Ratio Lower Upper

56 100

69 146.0 26.6 40.0#

84 129.3 74.1 111.1#





#33

1,2-Dichloroethane-d4

Concen: 70.010 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075202.D

Acq: 25 Jan 2023 14:08

Instrument :

MSVOA_D

ClientSampleId :

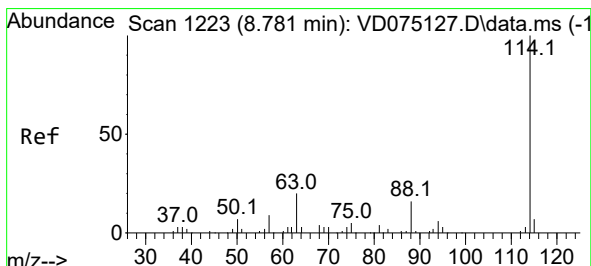
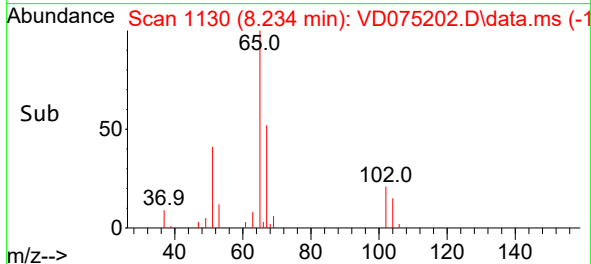
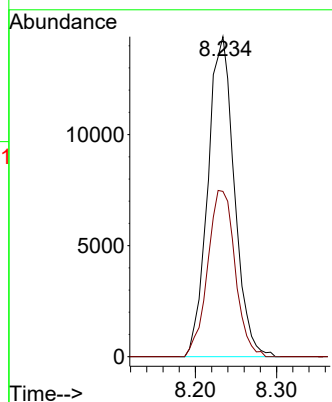
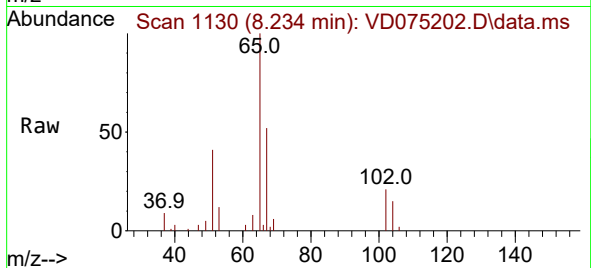
TOT-VOC-1

Tgt Ion: 65 Resp: 32686

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075202.D

Acq: 25 Jan 2023 14:08

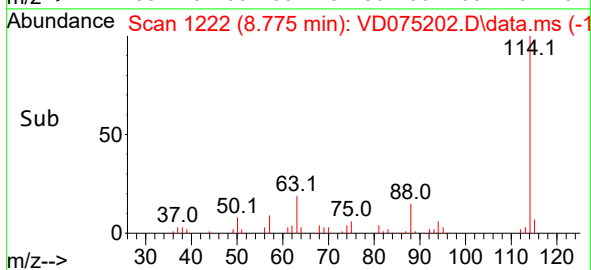
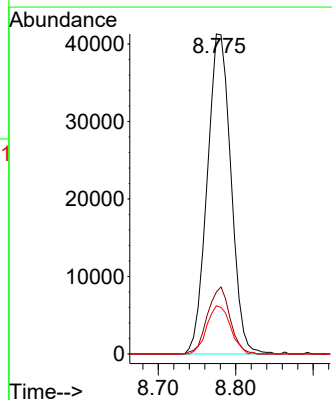
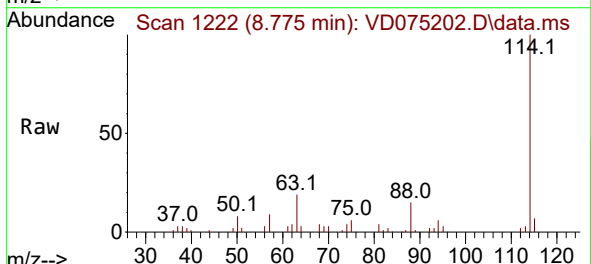
Tgt Ion: 114 Resp: 88017

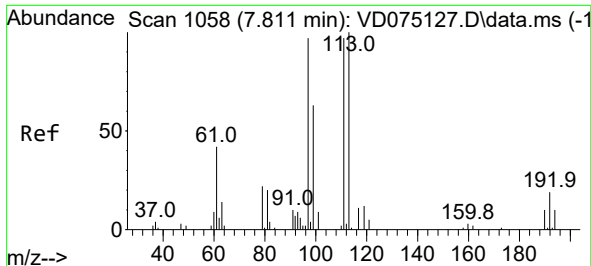
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 15.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 55.488 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075202.D

Acq: 25 Jan 2023 14:08

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-1

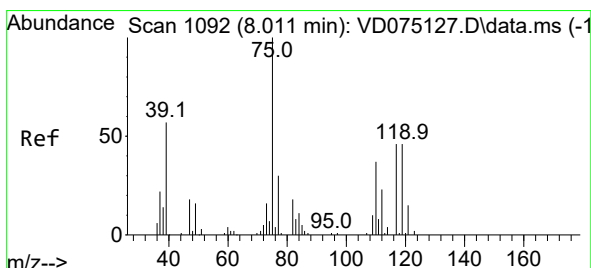
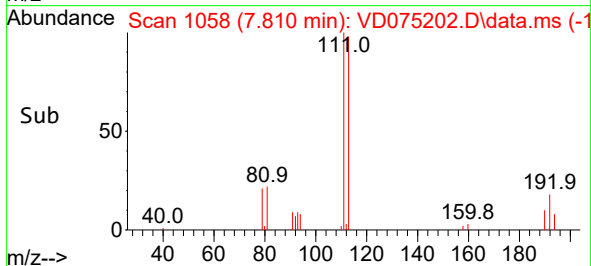
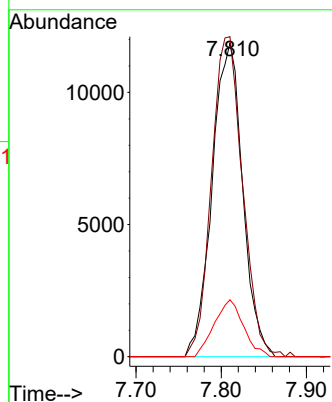
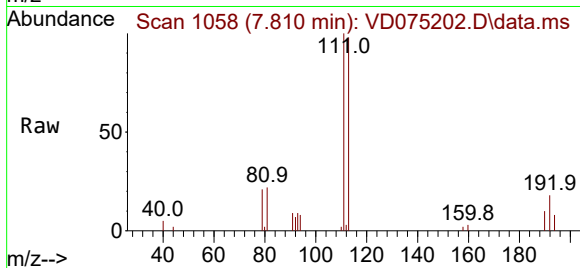
Tgt Ion:113 Resp: 29512

Ion Ratio Lower Upper

113 100

111 103.7 80.1 120.1

192 17.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.779 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD075202.D

Acq: 25 Jan 2023 14:08

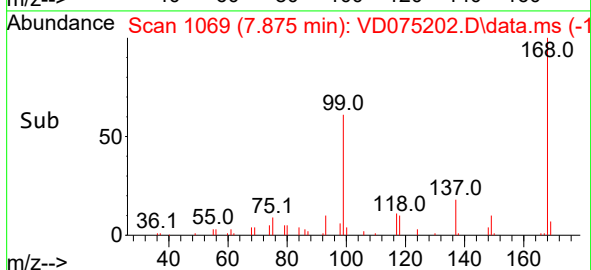
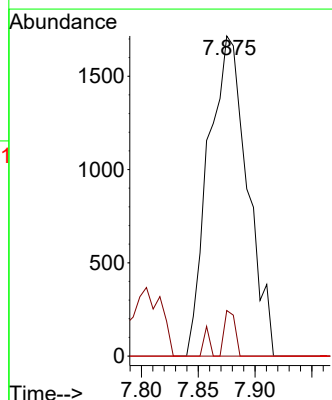
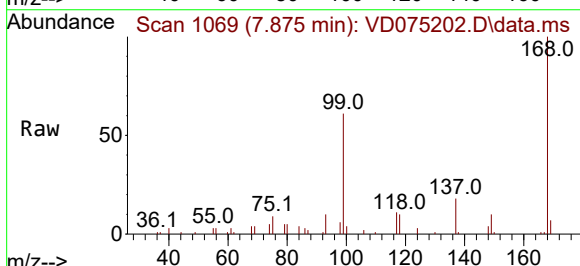
Tgt Ion: 75 Resp: 4084

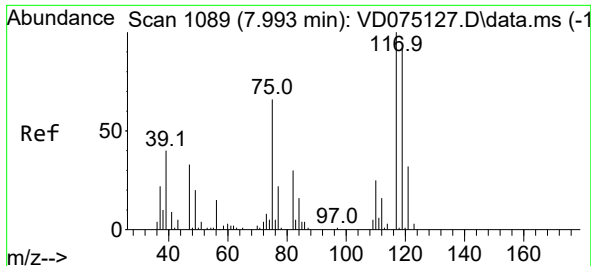
Ion Ratio Lower Upper

75 100

110 4.0 18.1 54.4#

77 0.0 25.1 37.7#

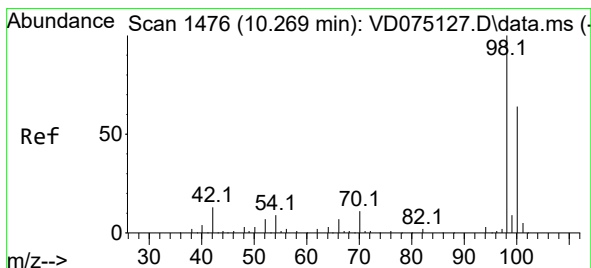
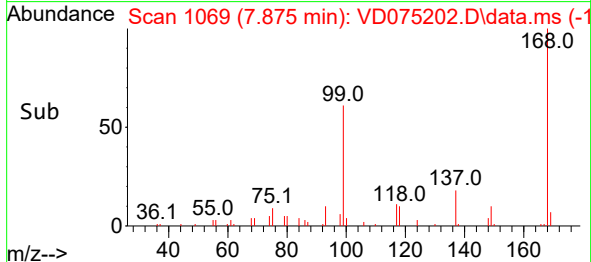
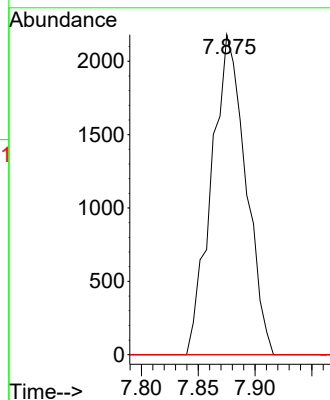
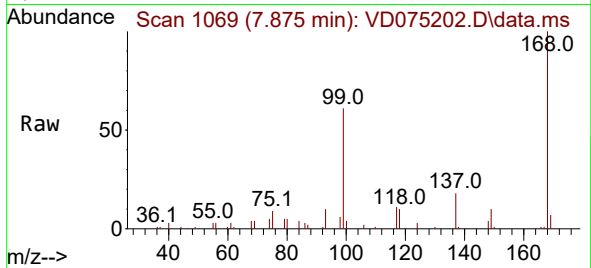




#38
Carbon Tetrachloride
Concen: 6.374 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

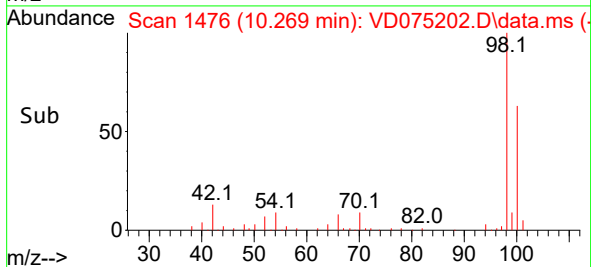
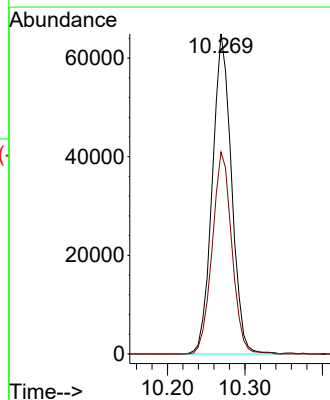
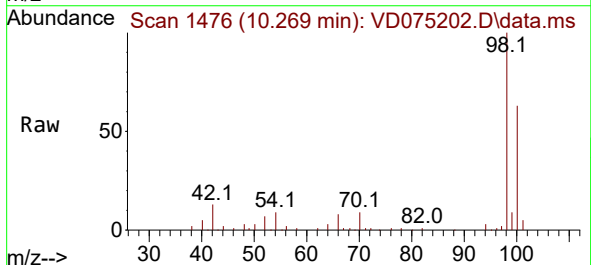
Instrument :
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TOT-VOC-1

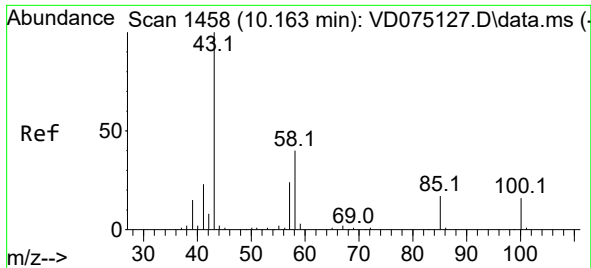
Tgt Ion:117 Resp: 4586
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 53.348 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

Tgt Ion: 98 Resp: 111717
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1

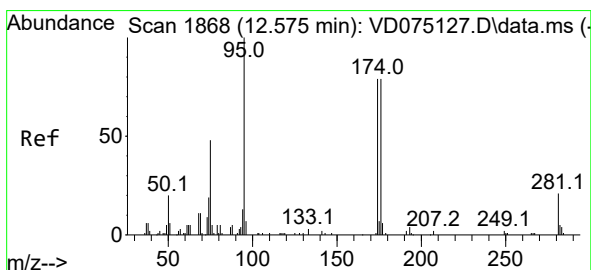
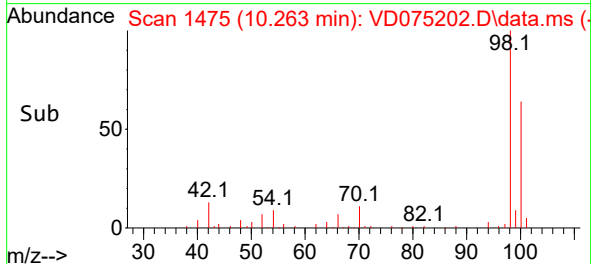
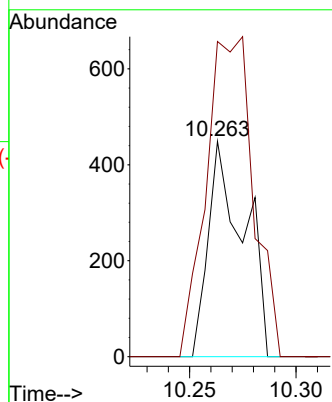
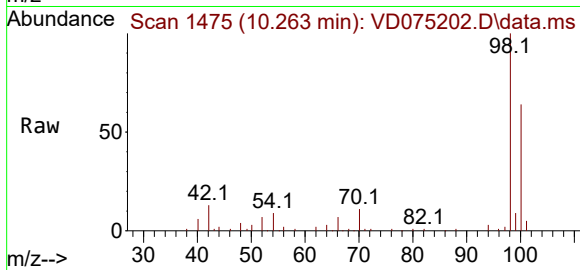




#51
4-Methyl-2-Pentanone
Concen: 1.623 ug/l
RT: 10.263 min Scan# 1458
Delta R.T. 0.100 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

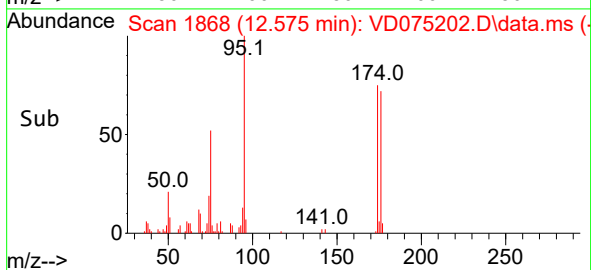
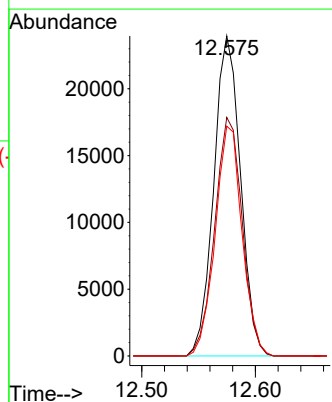
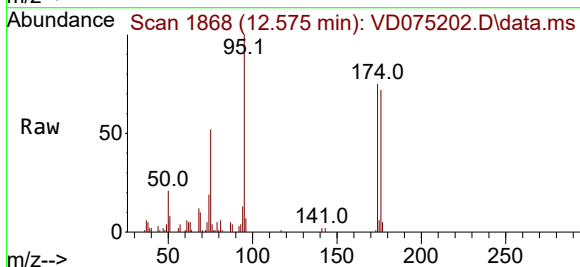
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-1

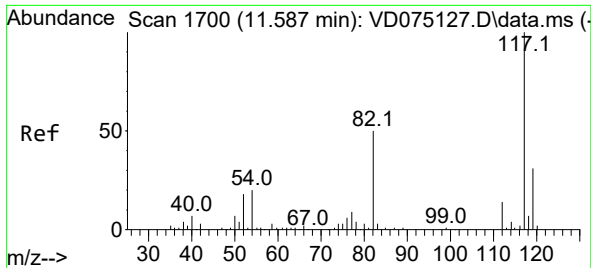
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 196.6 31.4 47.0#



#62
4-Bromofluorobenzene
Concen: 58.965 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

Tgt Ion: 95 Resp: 39189
Ion Ratio Lower Upper
95 100
174 76.5 0.0 161.2
176 72.4 0.0 160.2

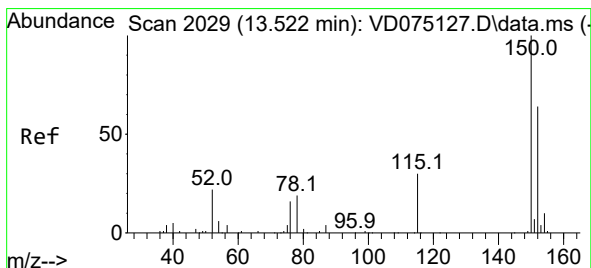
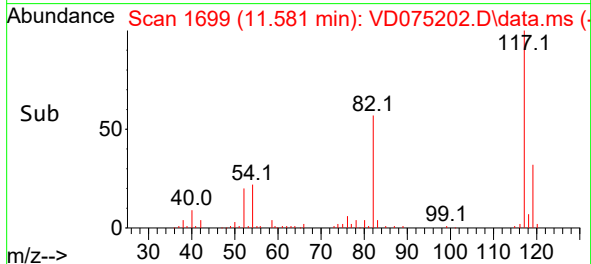
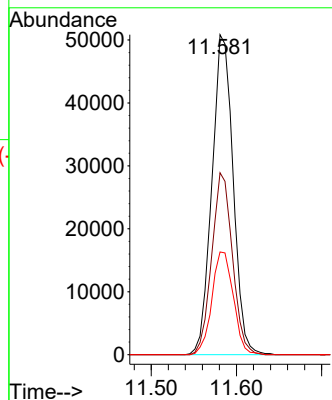
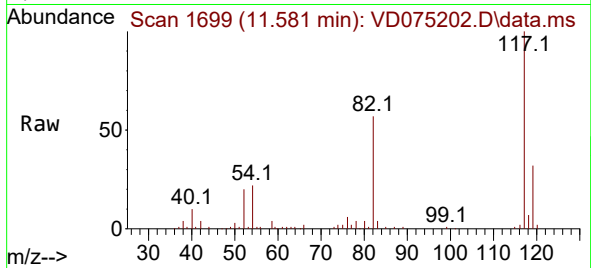




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

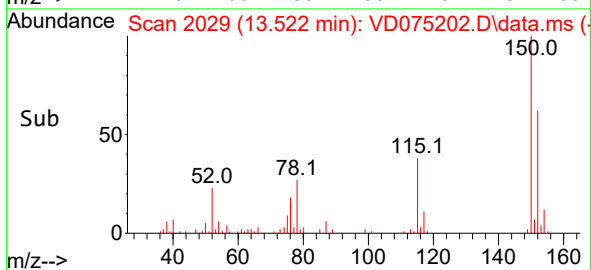
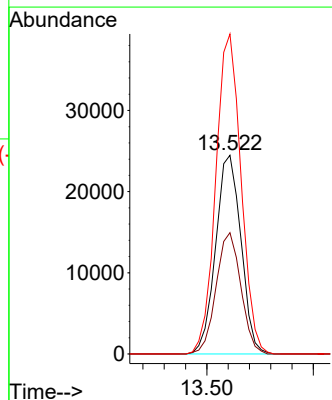
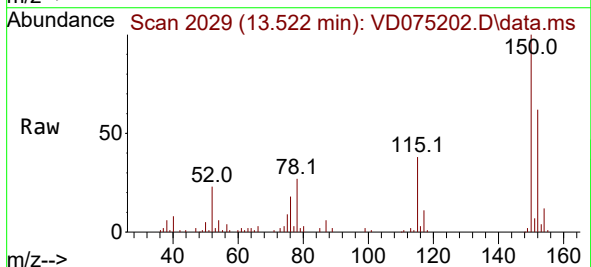
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-1

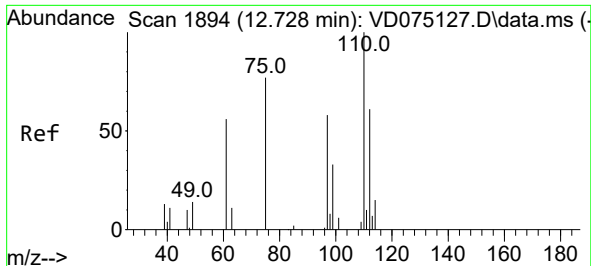
Tgt Ion:117 Resp: 87856
Ion Ratio Lower Upper
117 100
82 56.9 39.6 59.4
119 32.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

Tgt Ion:152 Resp: 40405
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.4
150 160.3 0.0 348.6

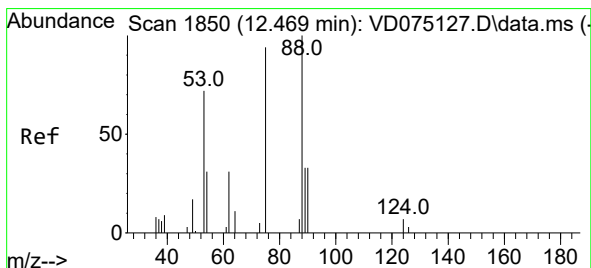
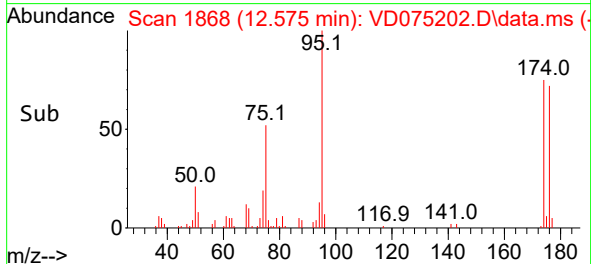
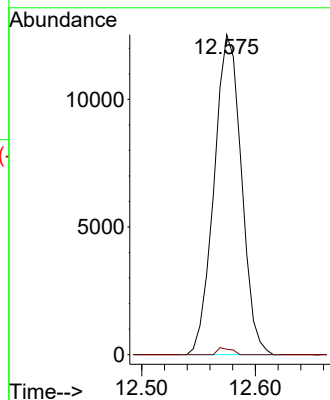
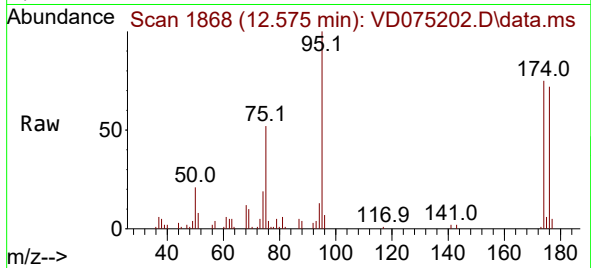




#76
1,2,3-Trichloropropane
Concen: 61.239 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-1

Tgt Ion: 75 Resp: 20956
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.049 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

Tgt Ion: 75 Resp: 20956
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

