

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076213.D
 Acq On : 24 May 2023 14:41
 Operator : KP/SY
 Sample : 02864-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-289RE

Quant Time: May 24 16:27:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

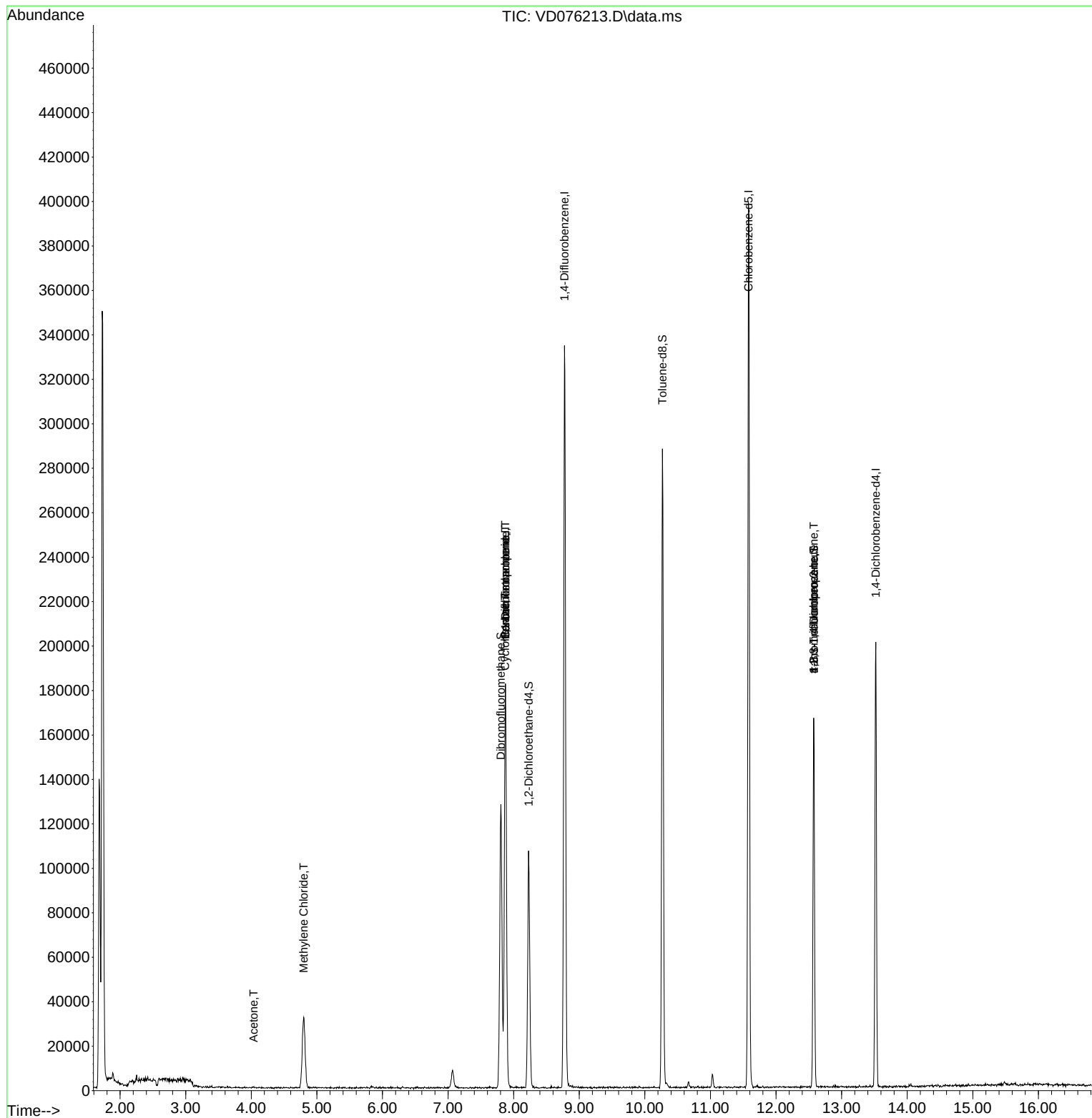
Internal Standards						
1) Pentafluorobenzene	7.875	168	147722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	316817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	59849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78474	54.965	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.940%			
35) Dibromofluoromethane	7.804	113	95116	43.434	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 86.860%			
50) Toluene-d8	10.269	98	217240	25.448	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 50.900%#			
62) 4-Bromofluorobenzene	12.575	95	52428	22.108	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 44.220%			
Target Compounds						
3) Chloromethane	2.146	50	396	Below Cal	Qvalue #	40
16) Acetone	4.034	43	395	1.391	ug/l #	33
20) Methylene Chloride	4.799	84	28263	4.423	ug/l #	75
31) Cyclohexane	7.869	56	3395	1.553	ug/l #	6
36) 1,1-Dichloropropene	7.875	75	12046	4.073	ug/l #	50
38) Carbon Tetrachloride	7.875	117	13197	4.940	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	27052	51.653	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	27052	108.359	ug/l #	5

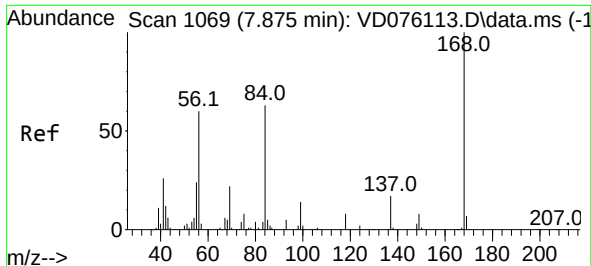
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
Data File : VD076213.D
Acq On : 24 May 2023 14:41
Operator : KP/SY
Sample : 02864-01RE
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ETGI-289RE

Quant Time: May 24 16:27:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

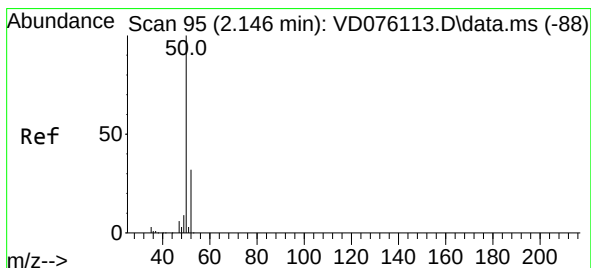
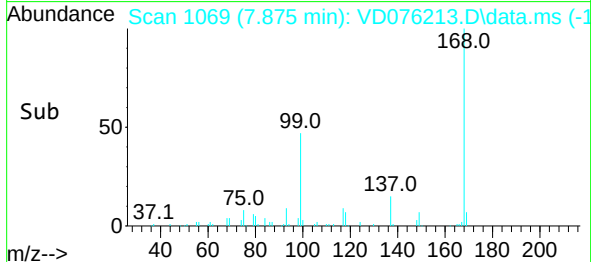
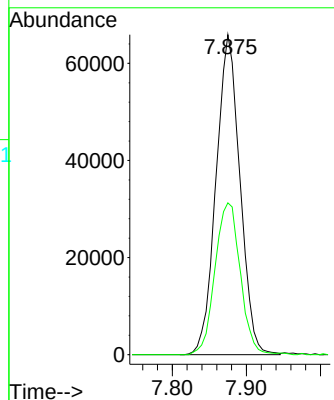
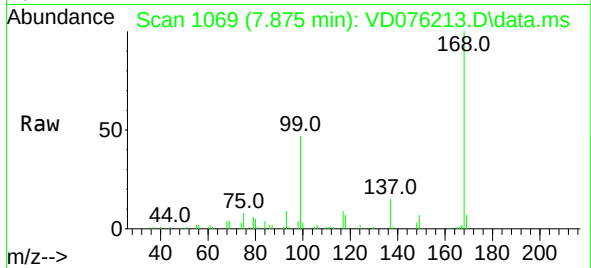




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

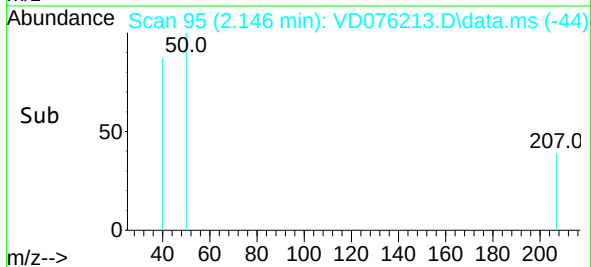
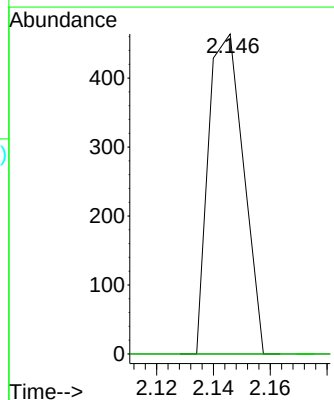
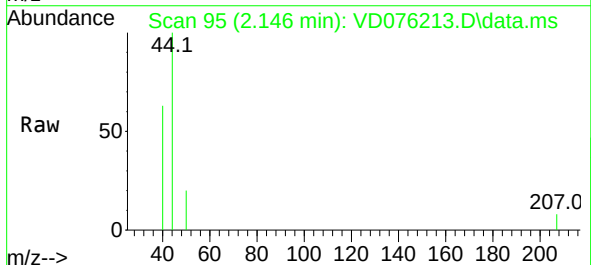
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289RE

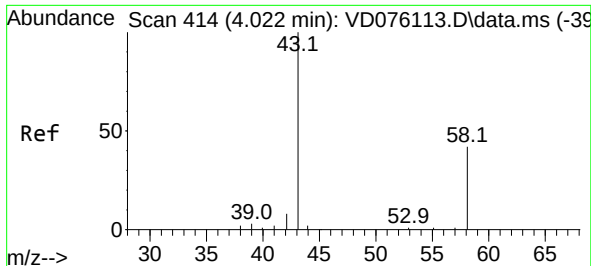
Tgt Ion:168 Resp: 147722
Ion Ratio Lower Upper
168 100
99 47.4 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

Tgt Ion: 50 Resp: 396
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

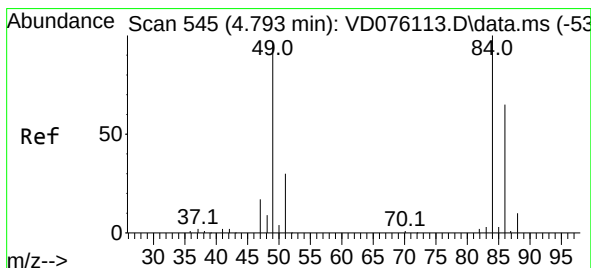
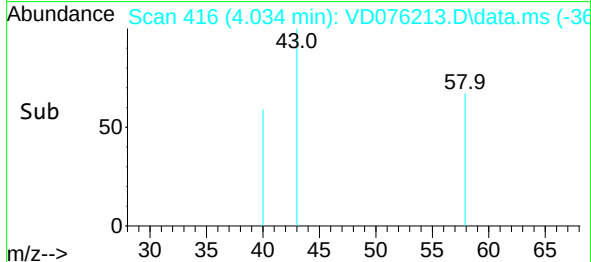
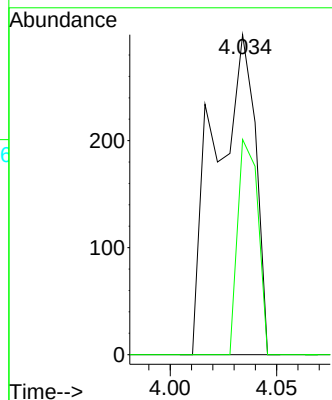
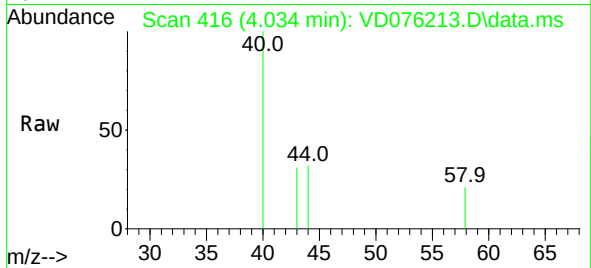




#16
Acetone
Concen: 1.391 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

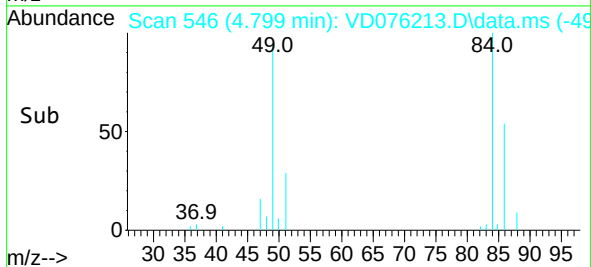
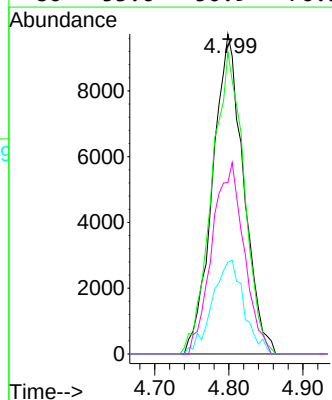
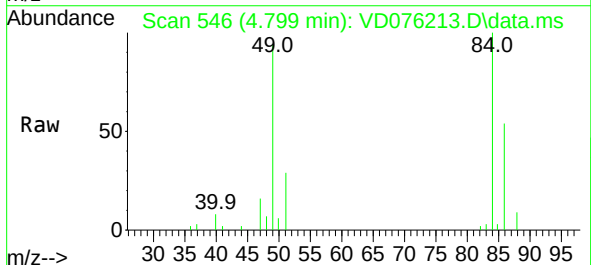
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289RE

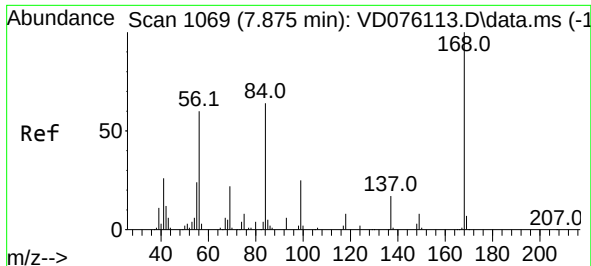
Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
58 67.2 24.4 36.6#



#20
Methylene Chloride
Concen: 4.423 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

Tgt Ion: 84 Resp: 28263
Ion Ratio Lower Upper
84 100
49 94.4 106.4 159.6#
51 28.7 32.4 48.6#
86 53.6 50.9 76.3

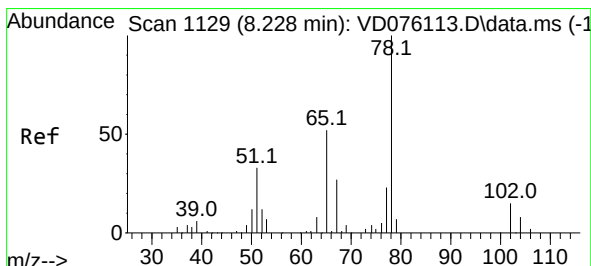
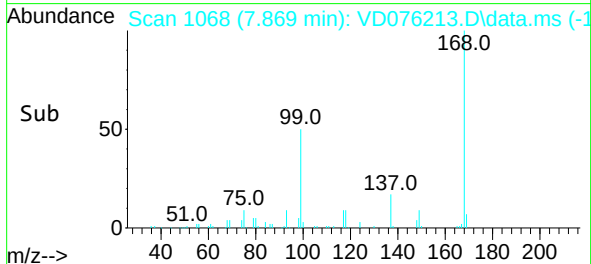
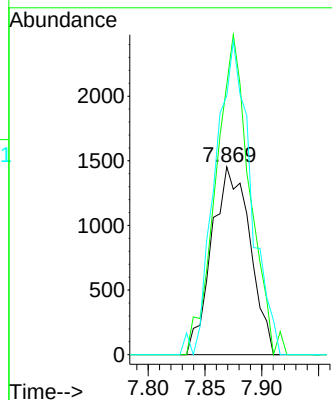
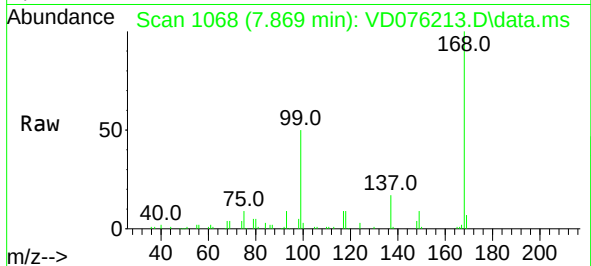




#31
Cyclohexane
Concen: 1.553 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

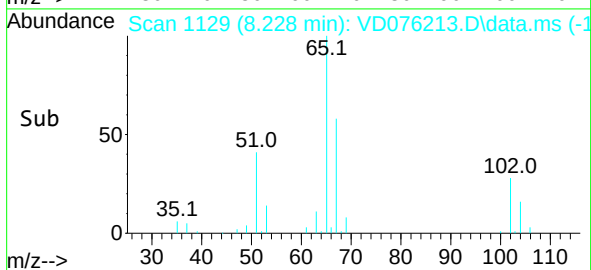
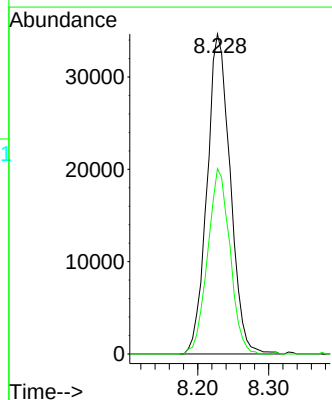
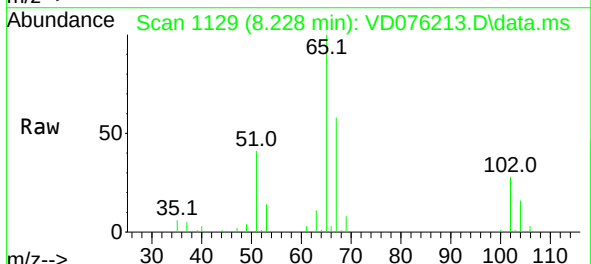
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289RE

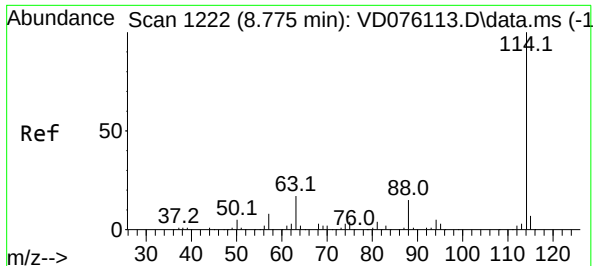
Tgt Ion: 56 Resp: 3395
Ion Ratio Lower Upper
56 100
69 143.8 25.5 38.3#
84 137.9 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 54.965 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

Tgt Ion: 65 Resp: 78474
Ion Ratio Lower Upper
65 100
67 55.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076213.D

Acq: 24 May 2023 14:41

Instrument :

MSVOA_D

ClientSampleId :

ETGI-289RE

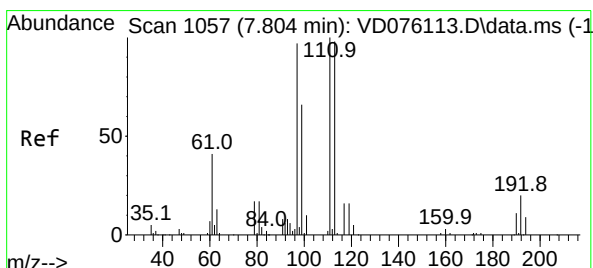
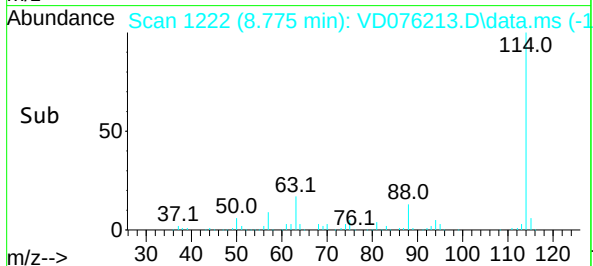
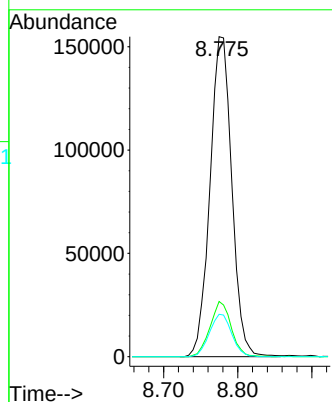
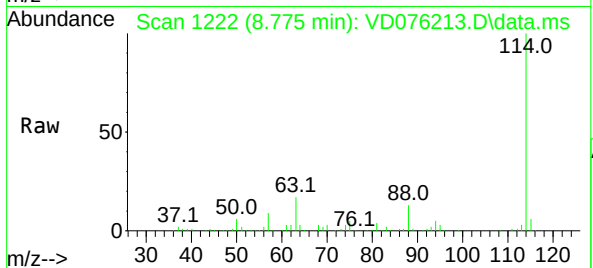
Tgt Ion:114 Resp: 316817

Ion Ratio Lower Upper

114 100

63 17.2 0.0 41.6

88 13.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.434 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076213.D

Acq: 24 May 2023 14:41

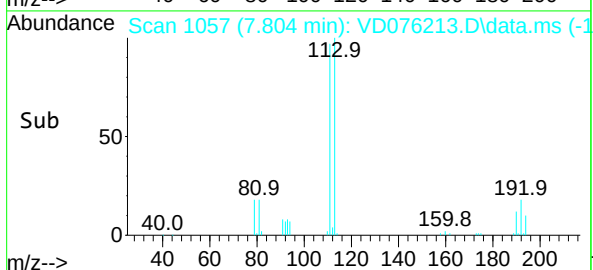
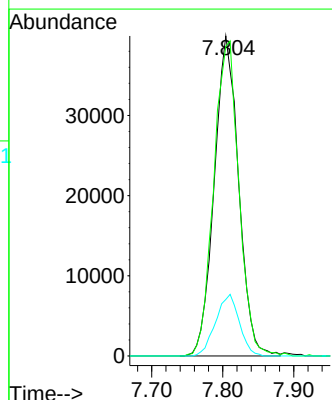
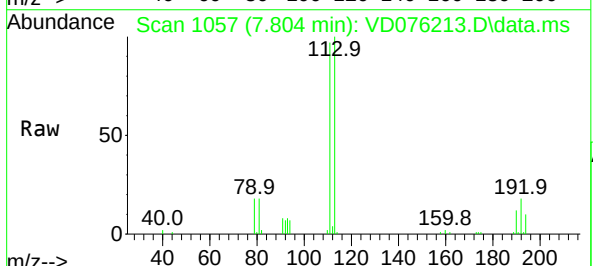
Tgt Ion:113 Resp: 95116

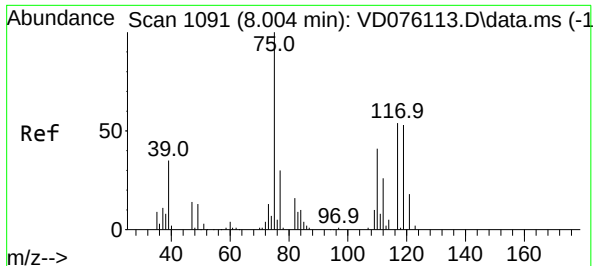
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 18.7 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.073 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076213.D

Acq: 24 May 2023 14:41

Instrument :

MSVOA_D

ClientSampleId :

ETGI-289RE

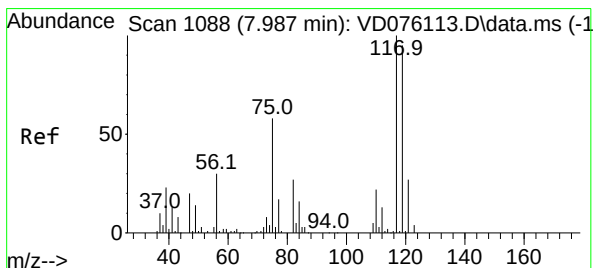
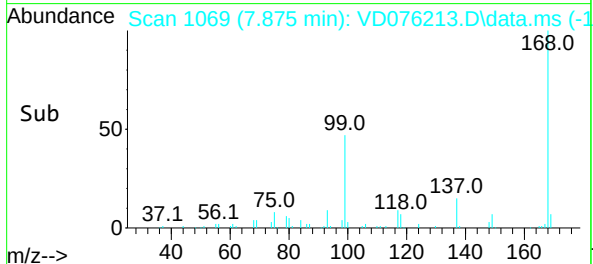
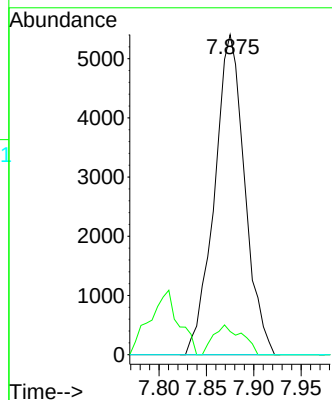
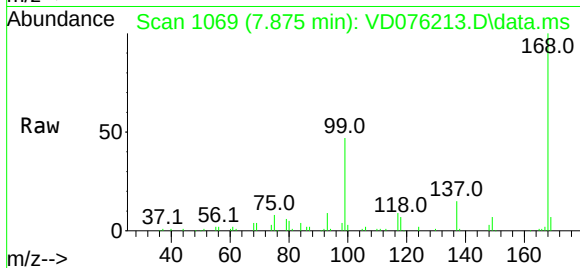
Tgt Ion: 75 Resp: 12046

Ion Ratio Lower Upper

75 100

110 8.7 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.940 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076213.D

Acq: 24 May 2023 14:41

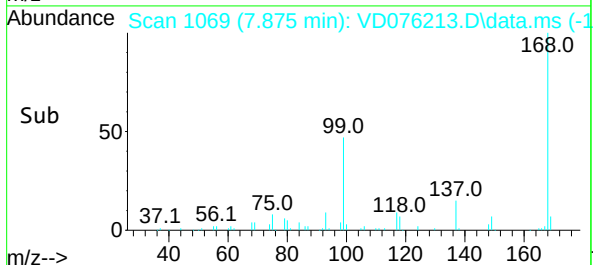
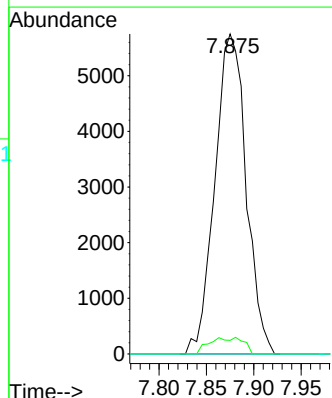
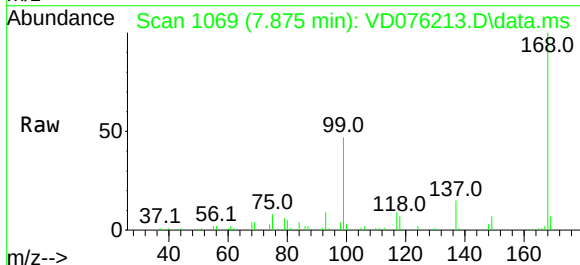
Tgt Ion: 117 Resp: 13197

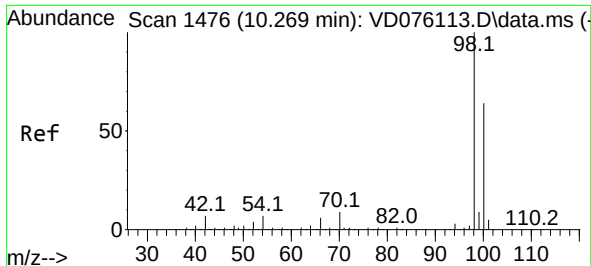
Ion Ratio Lower Upper

117 100

119 4.2 74.7 112.1#

121 0.0 25.9 38.9#

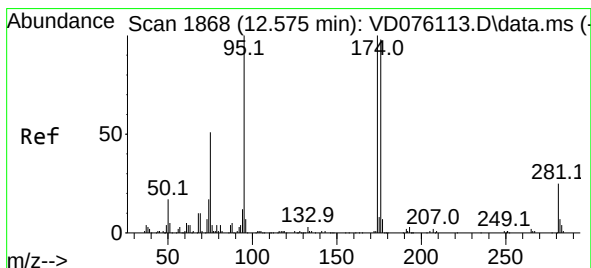
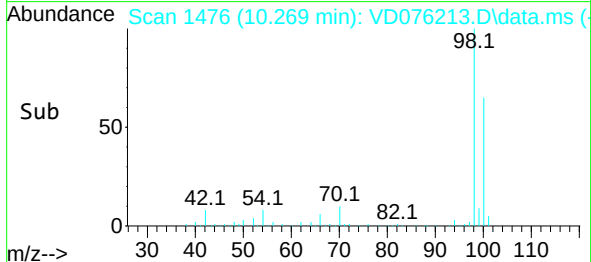
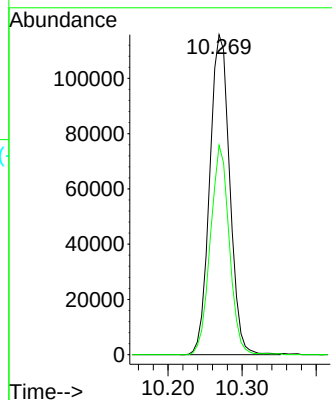
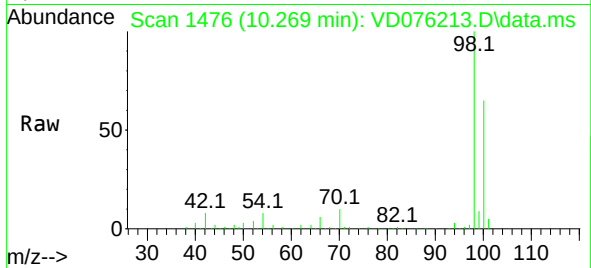




#50
Toluene-d8
Concen: 25.448 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

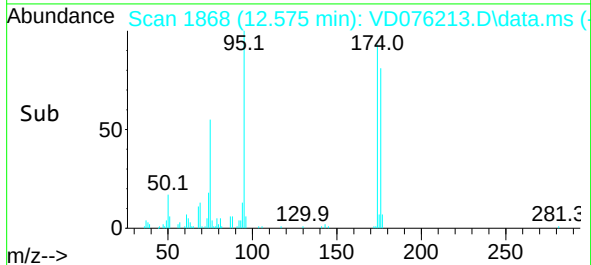
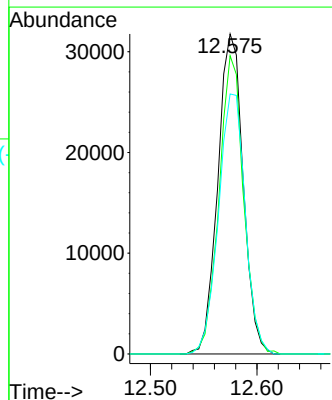
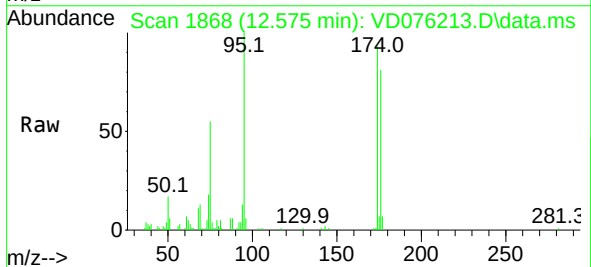
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289RE

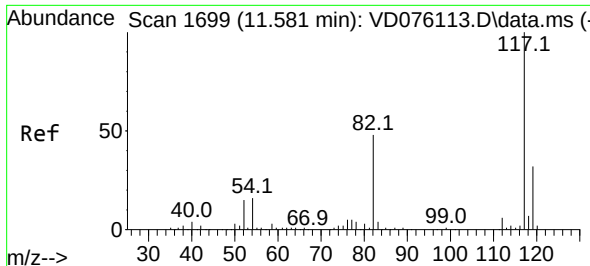
Tgt Ion: 98 Resp: 217240
Ion Ratio Lower Upper
98 100
100 62.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 22.108 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

Tgt Ion: 95 Resp: 52428
Ion Ratio Lower Upper
95 100
174 90.4 0.0 164.0
176 85.6 0.0 156.8

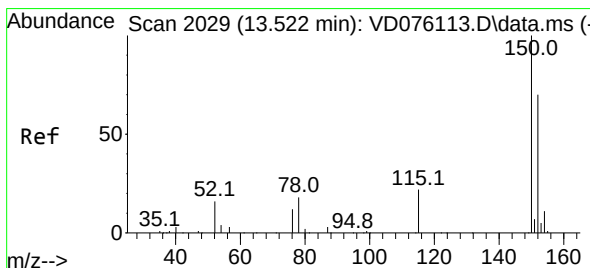
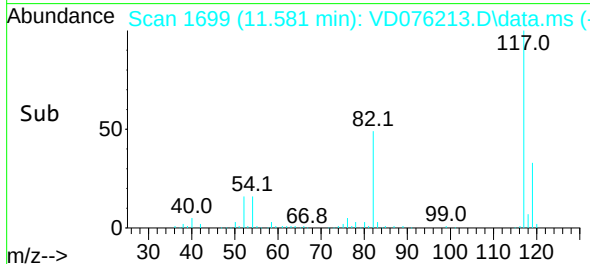
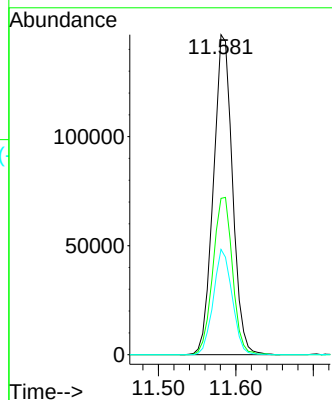
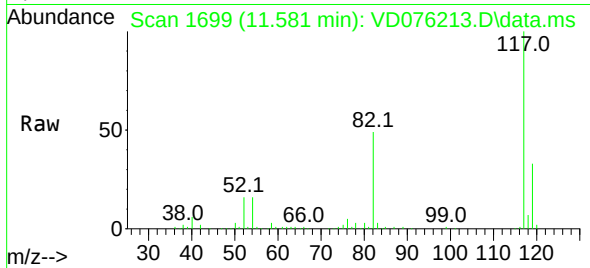




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

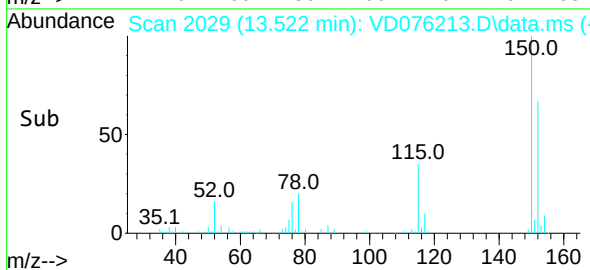
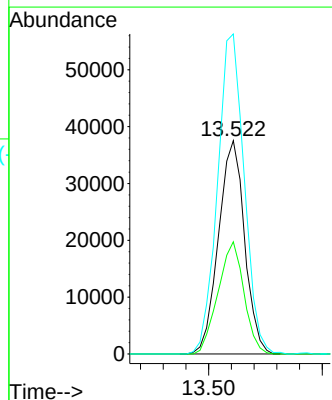
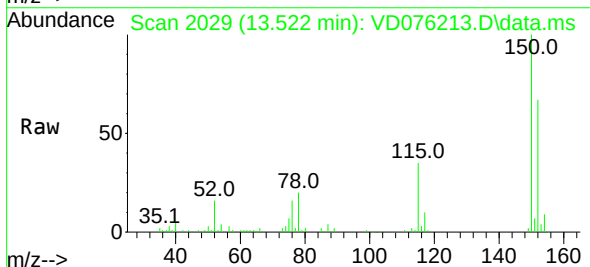
Instrument :
MSVOA_D
ClientSampleId :
ETGI-289RE

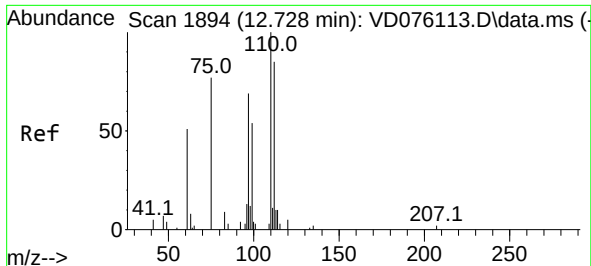
Tgt Ion:117 Resp: 250774
Ion Ratio Lower Upper
117 100
82 48.8 44.0 66.0
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

Tgt Ion:152 Resp: 59849
Ion Ratio Lower Upper
152 100
115 52.2 30.1 90.3
150 153.5 0.0 364.8

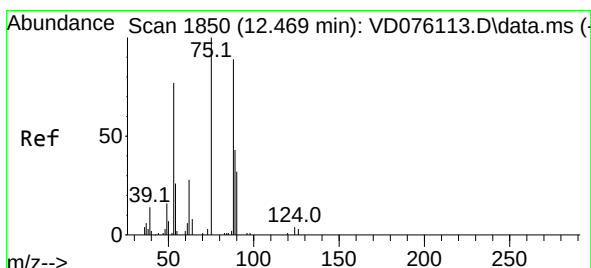
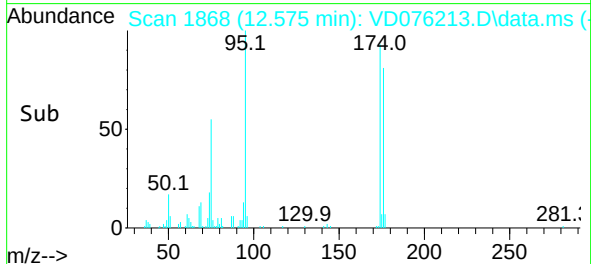
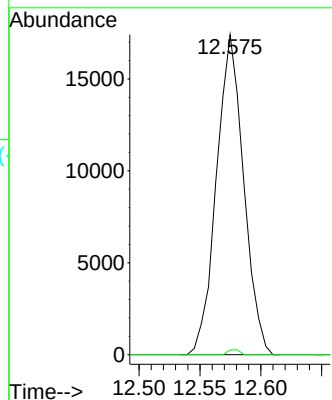
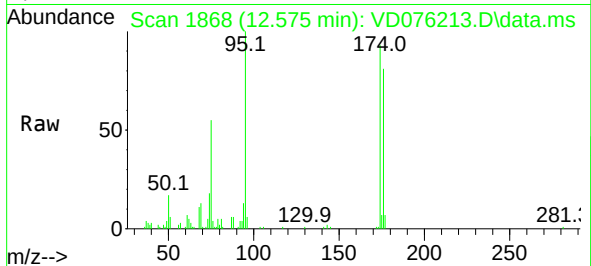




#76
1,2,3-Trichloropropane
Concen: 51.653 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

Instrument :
MSVOA_D
ClientSampleId :
ETGI-289RE

Tgt Ion: 75 Resp: 27052
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.359 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076213.D
Acq: 24 May 2023 14:41

Tgt Ion: 75 Resp: 27052
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

