

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011162.D
 Acq On : 28 Oct 2022 17:18
 Operator : KP/MD
 Sample : N5316-07
 Misc : 12.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-7-NE-QUARTER

Quant Time: Oct 28 23:46:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

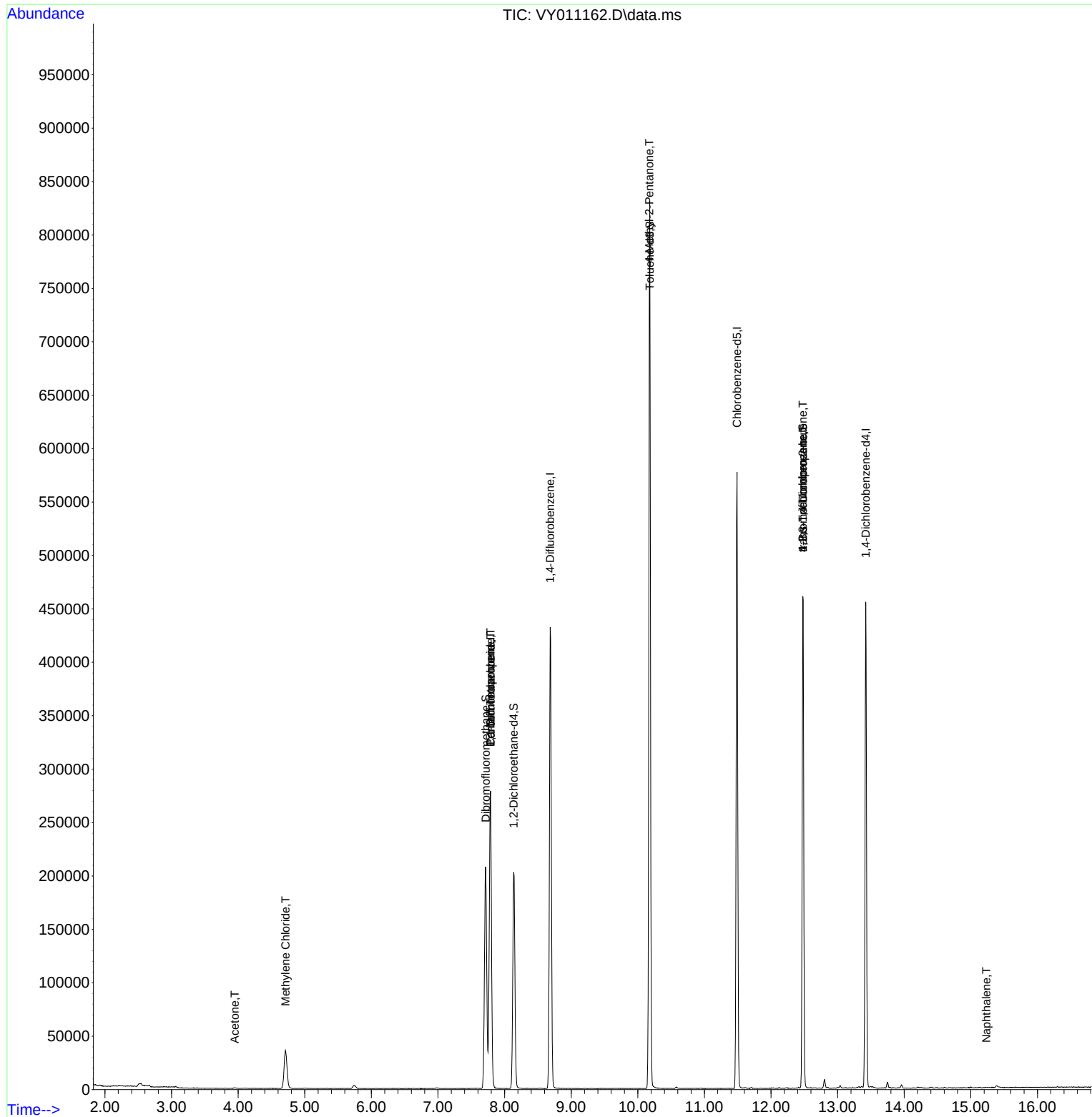
Internal Standards						
1) Pentafluorobenzene	7.789	168	221236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	157354	68.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.580%	
35) Dibromofluoromethane	7.715	113	149229	63.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.920%	
50) Toluene-d8	10.178	98	543445	58.795	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.580%	
62) 4-Bromofluorobenzene	12.477	95	148525	49.109	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	309	Below Cal		94
5) Bromomethane	2.661	94	396	Below Cal	#	51
6) Chloroethane	2.698	64	21	Below Cal	#	43
16) Acetone	3.948	43	1157	2.067	ug/l #	71
17) Carbon Disulfide	4.198	76	84	Below Cal	#	75
18) Methyl Acetate	4.472	43	198	Below Cal	#	56
20) Methylene Chloride	4.710	84	28089	6.248	ug/l #	84
31) Cyclohexane	7.782	56	4158	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	16776	5.515	ug/l #	50
38) Carbon Tetrachloride	7.789	117	21413	6.463	ug/l #	15
51) 4-Methyl-2-Pentanone	10.172	43	1871	1.081	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	74845	61.358	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	74845	130.304	ug/l #	7
95) Naphthalene	15.232	128	541	4.472	ug/l #	69

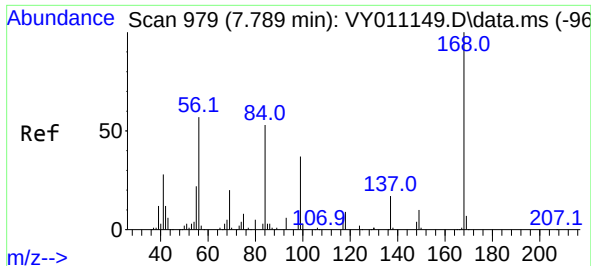
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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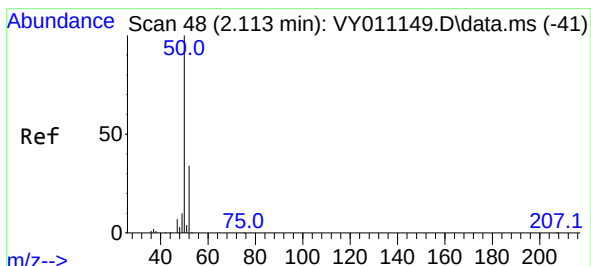
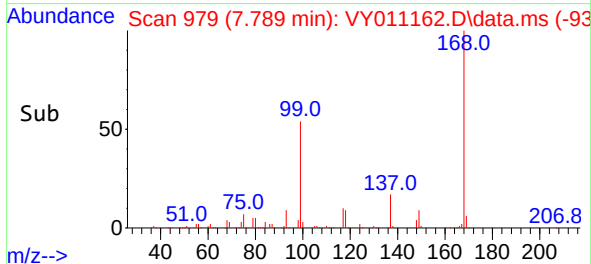
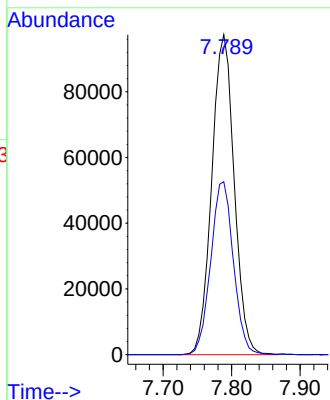
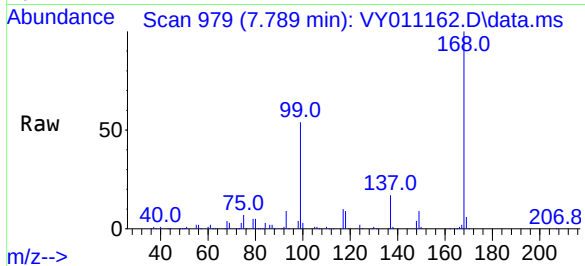




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

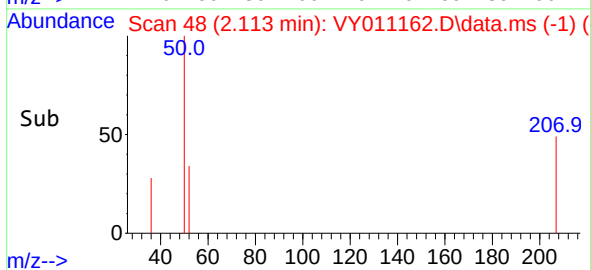
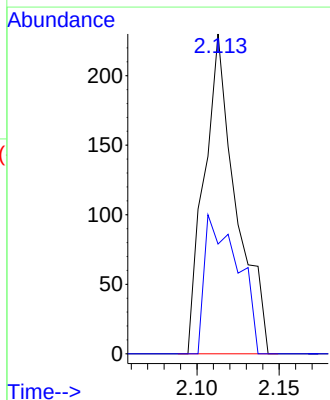
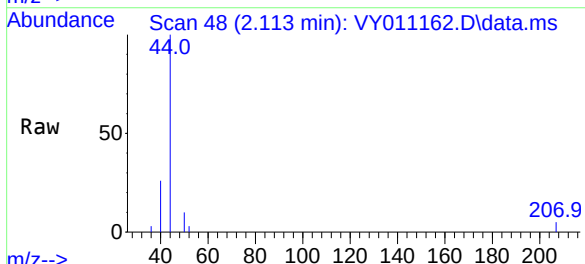
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-7-NE-QUARTER

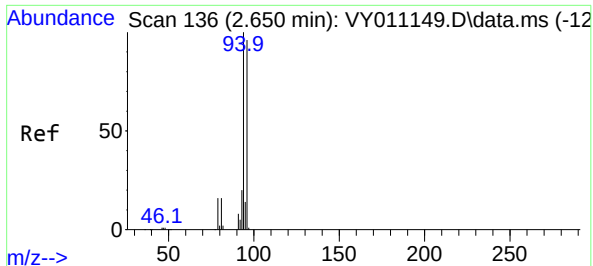
Tgt Ion:168 Resp: 221236
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 50 Resp: 309
Ion Ratio Lower Upper
50 100
52 34.3 24.6 37.0

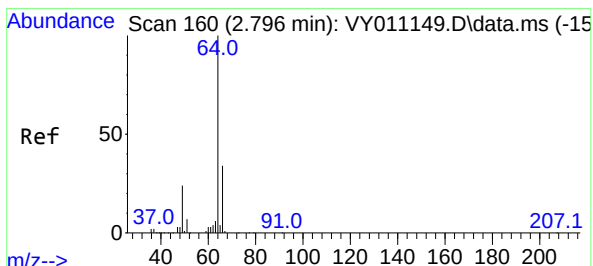
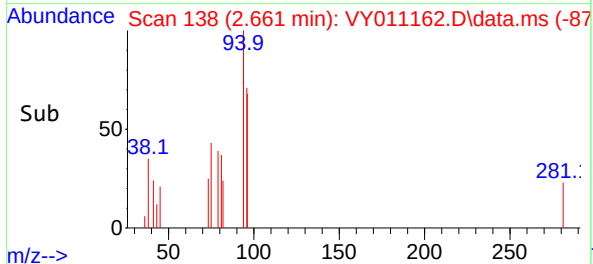
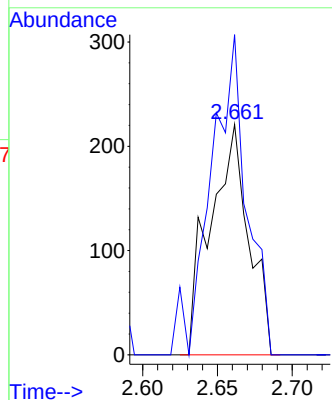
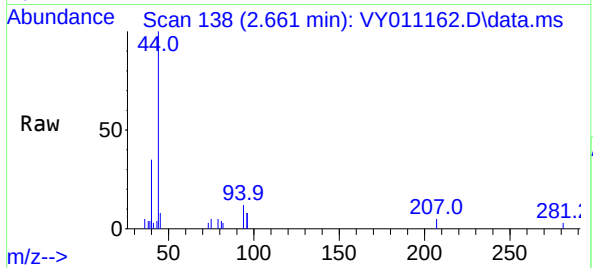




#5
Bromomethane
Concen: Below Cal
RT: 2.661 min Scan# 11
Delta R.T. 0.011 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

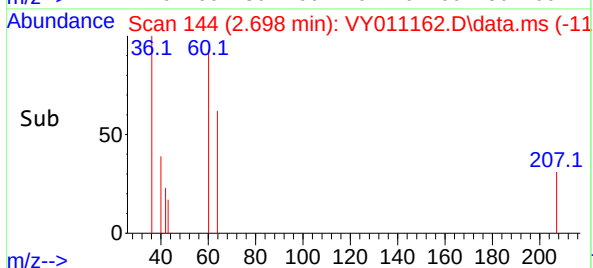
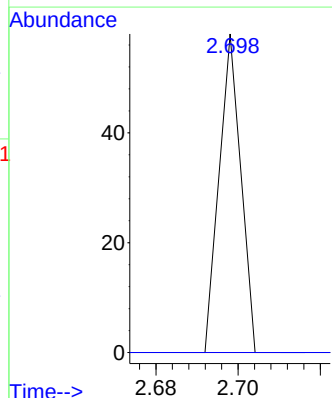
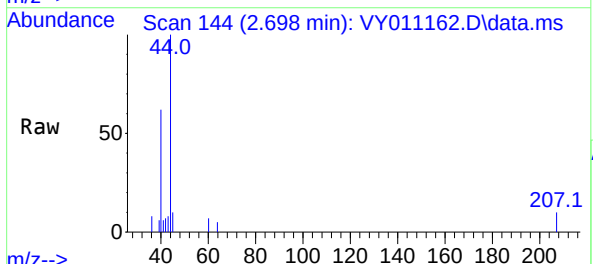
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-7-NE-QUARTER

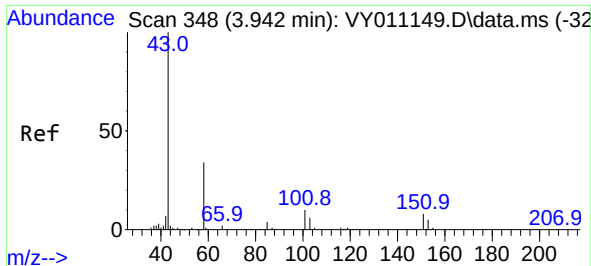
Tgt Ion: 94 Resp: 396
Ion Ratio Lower Upper
94 100
96 138.9 73.5 110.3#



#6
Chloroethane
Concen: Below Cal
RT: 2.698 min Scan# 144
Delta R.T. -0.098 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

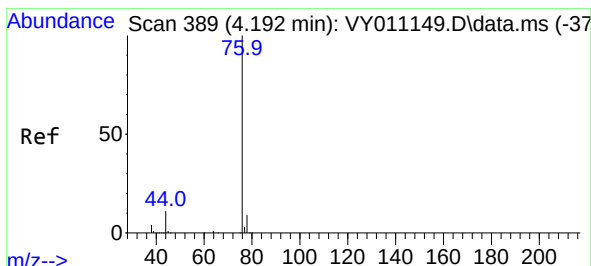
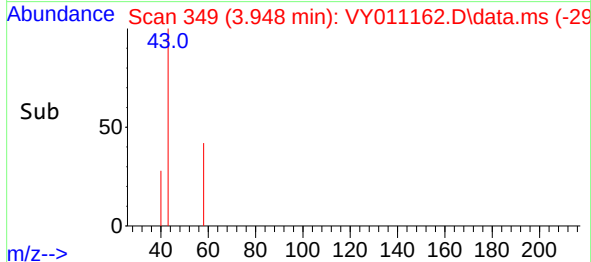
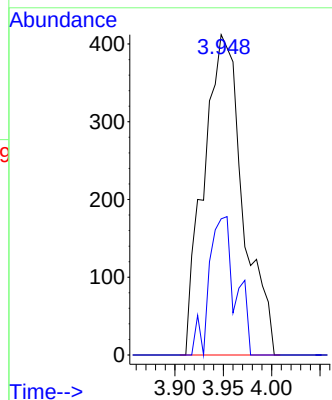
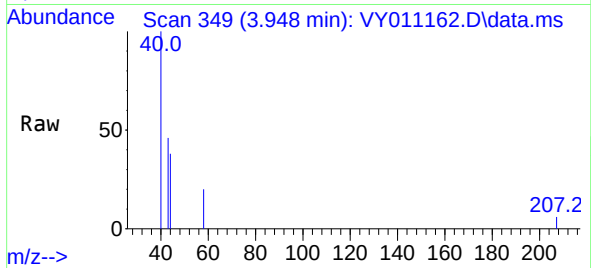




#16
Acetone
Concen: 2.067 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

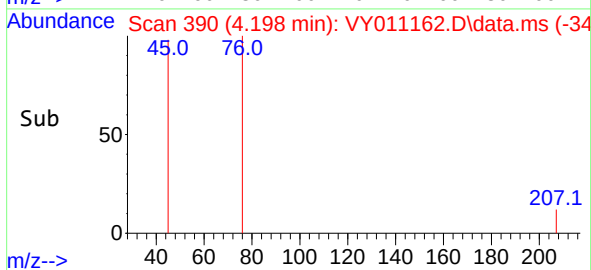
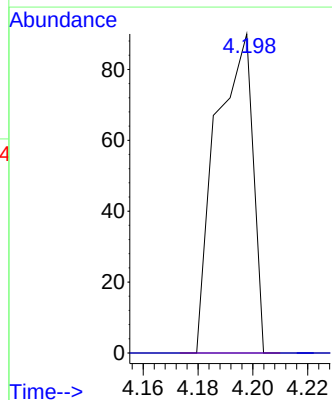
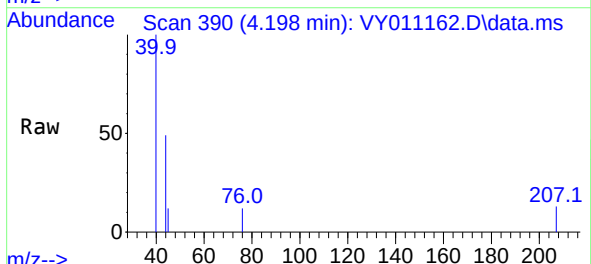
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-GRAB-7-NE-QUARTER

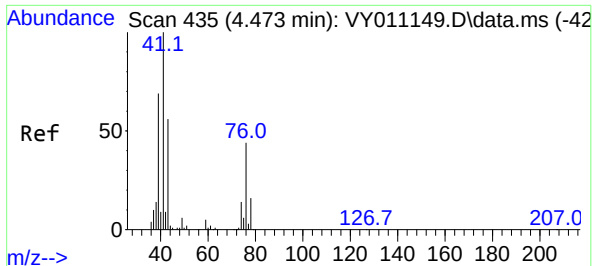
Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
58 42.5 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 76 Resp: 84
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

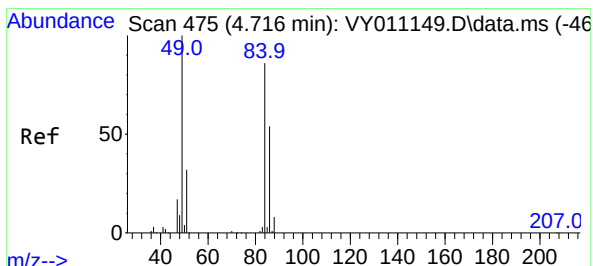
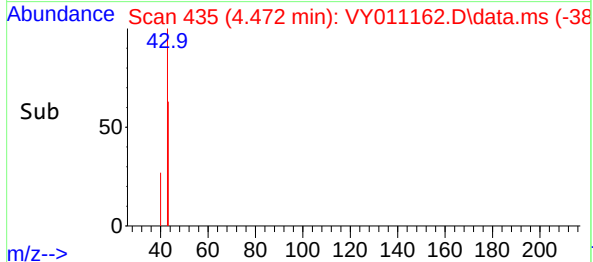
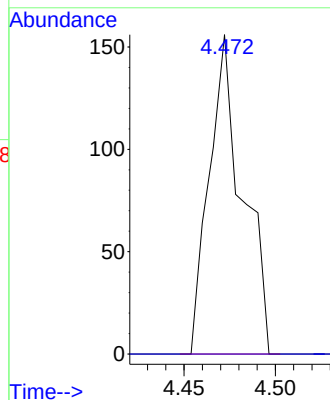
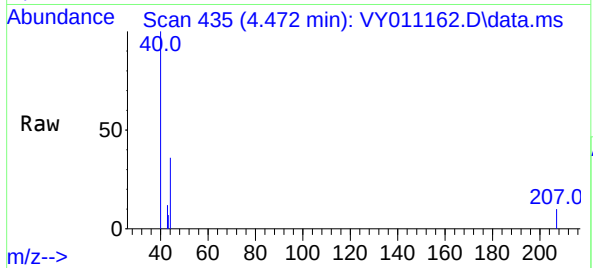




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

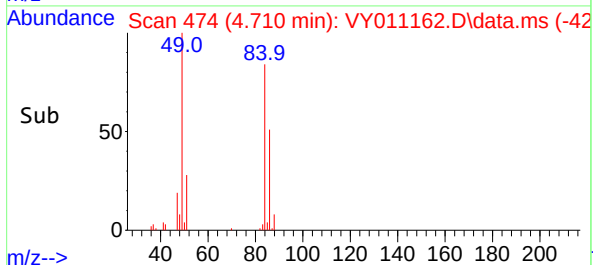
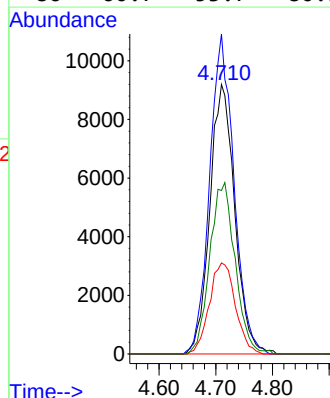
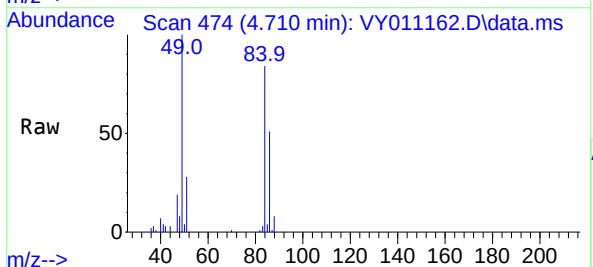
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-GRAB-7-NE-QUARTER

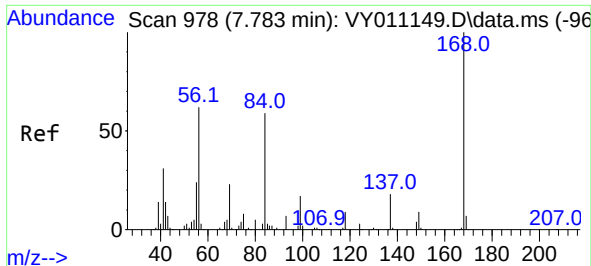
Tgt Ion: 43 Resp: 198
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 6.248 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

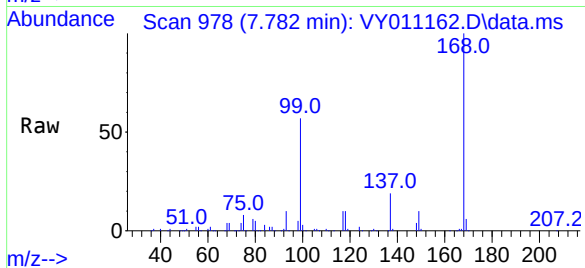
Tgt Ion: 84 Resp: 28089
Ion Ratio Lower Upper
84 100
49 118.8 114.4 171.6
51 33.8 35.3 52.9#
86 60.7 53.7 80.5



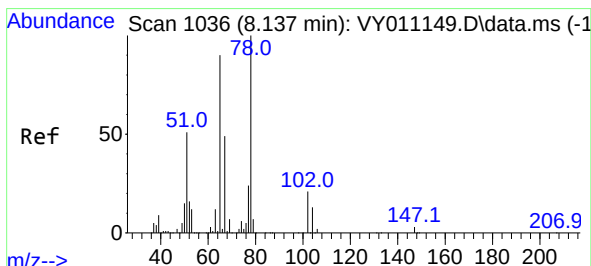
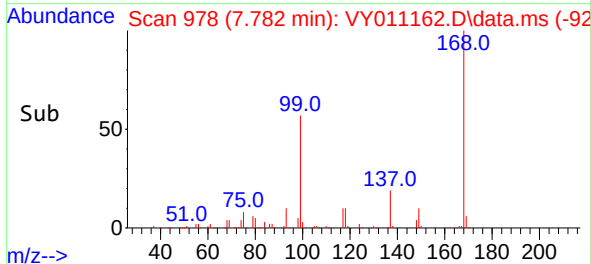
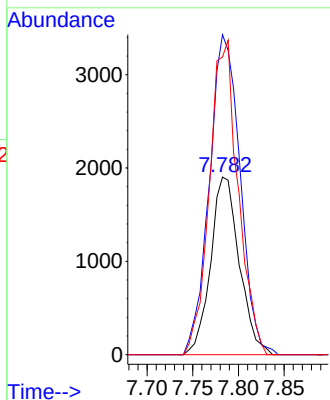


#31
Cyclohexane
Concen: Below Cal
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Instrument :
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ClientSampleId :
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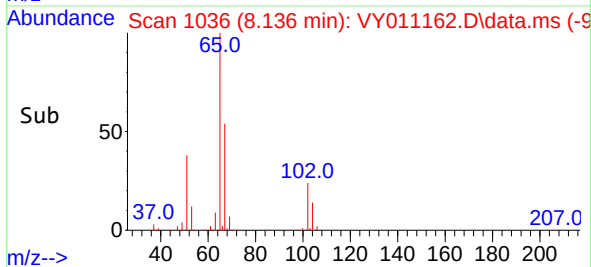
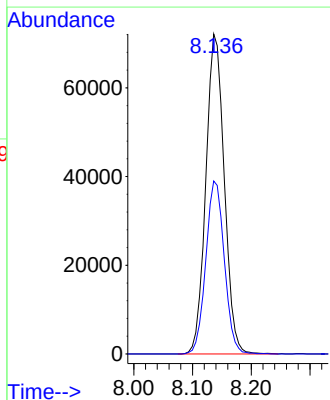
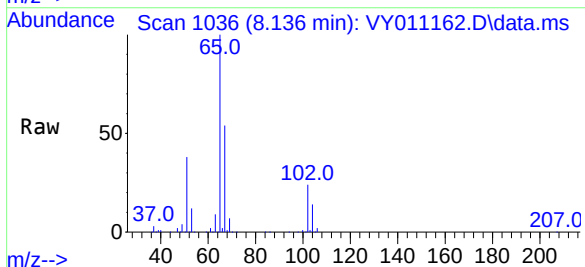


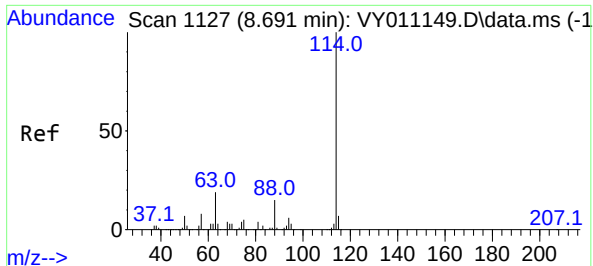
Tgt Ion: 56 Resp: 4158
Ion Ratio Lower Upper
56 100
69 180.2 26.7 40.1#
84 167.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.785 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 65 Resp: 157354
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011162.D

Acq: 28 Oct 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-GRAB-7-NE-QUARTER

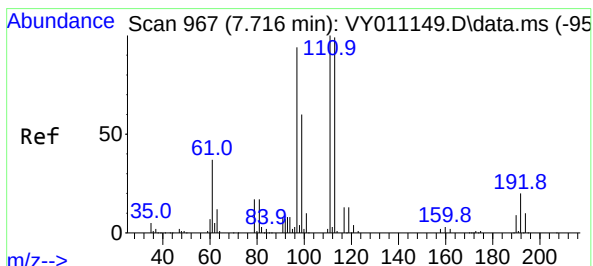
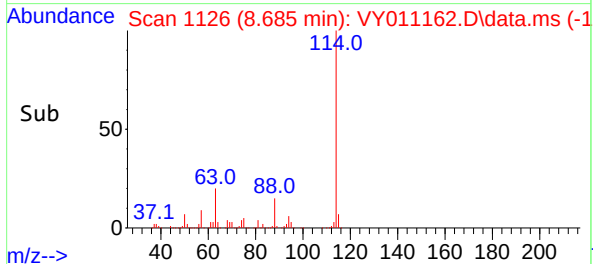
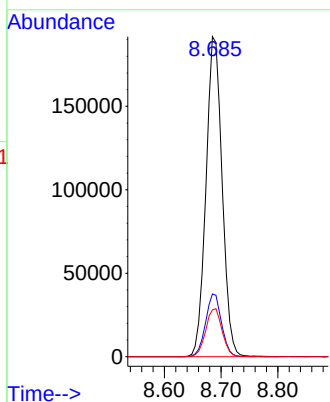
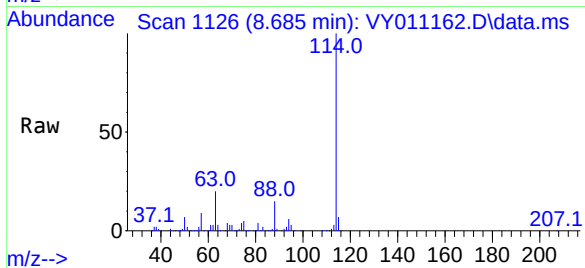
Tgt Ion:114 Resp: 379393

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 63.961 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY011162.D

Acq: 28 Oct 2022 17:18

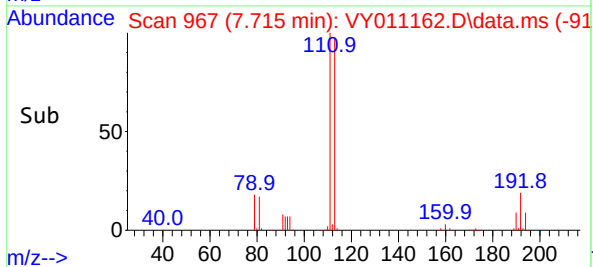
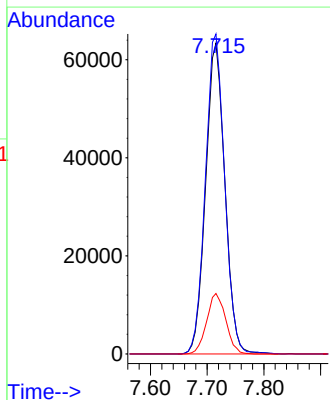
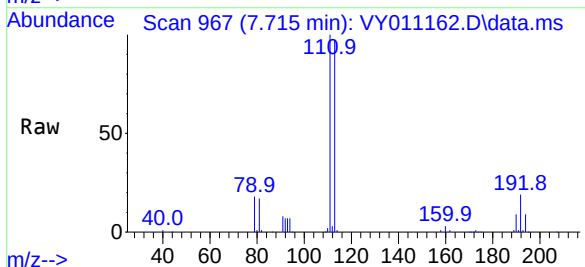
Tgt Ion:113 Resp: 149229

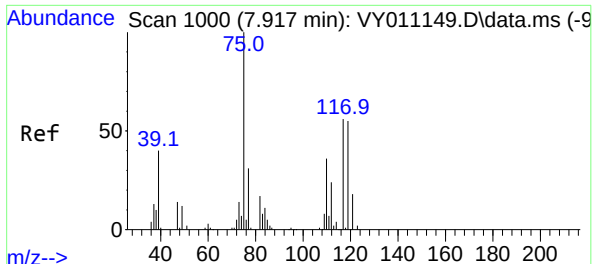
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.515 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011162.D

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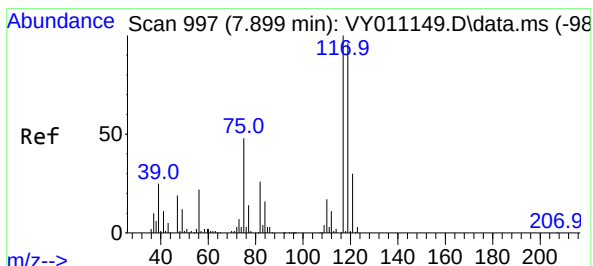
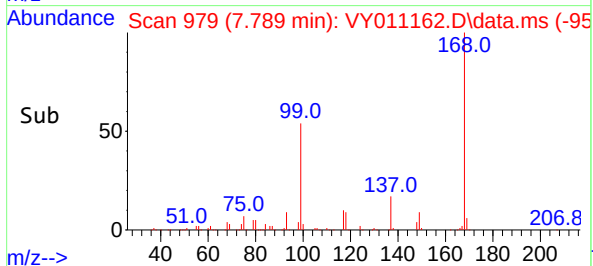
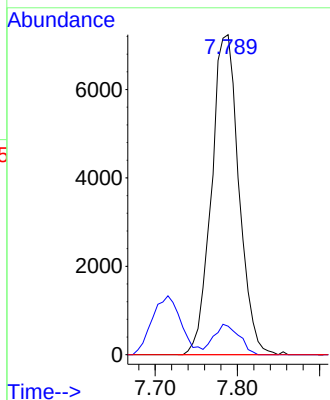
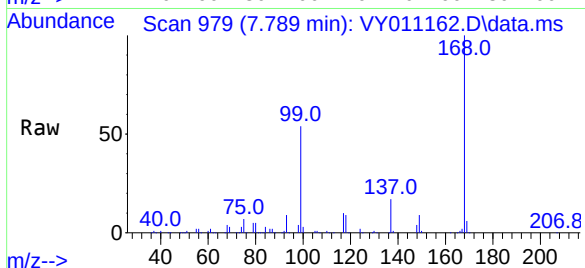
Tgt Ion: 75 Resp: 16776

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.463 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011162.D

Acq: 28 Oct 2022 17:18

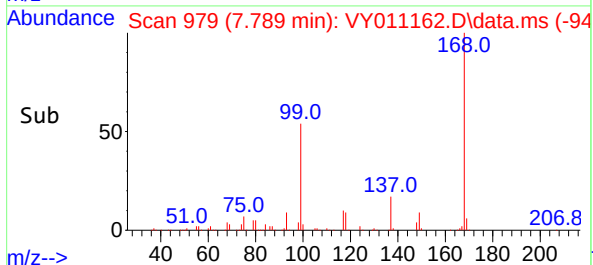
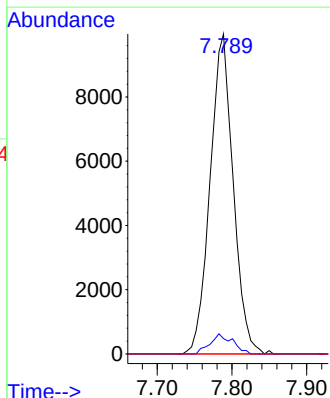
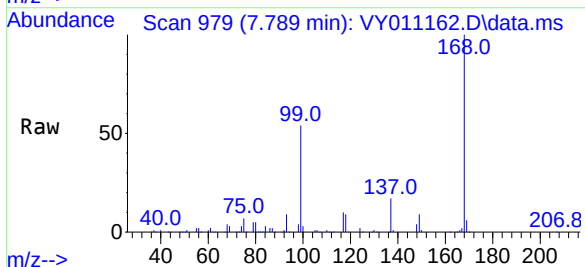
Tgt Ion: 117 Resp: 21413

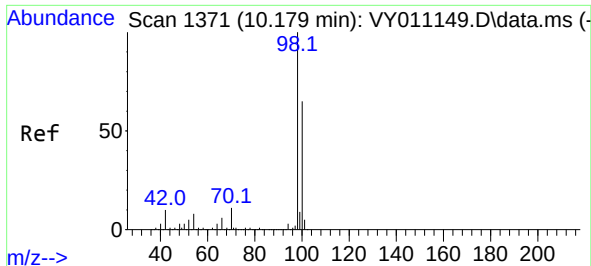
Ion Ratio Lower Upper

117 100

119 4.8 77.9 116.9#

121 0.0 24.8 37.2#

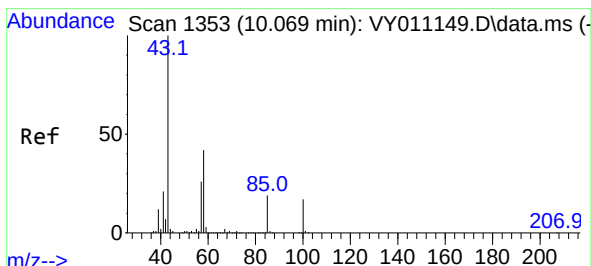
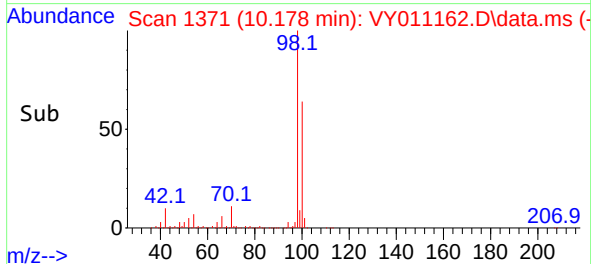
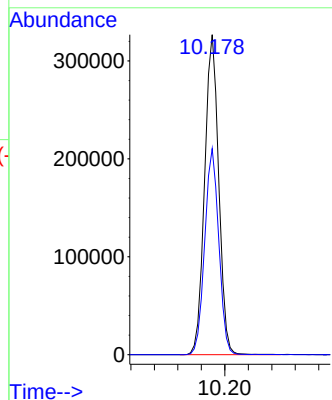
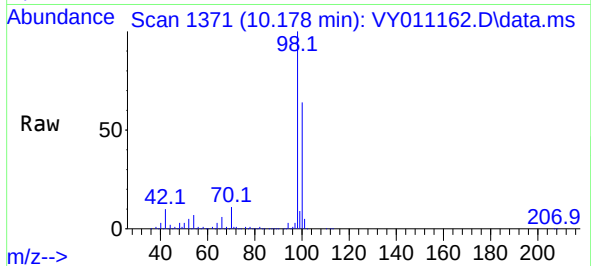




#50
Toluene-d8
Concen: 58.795 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

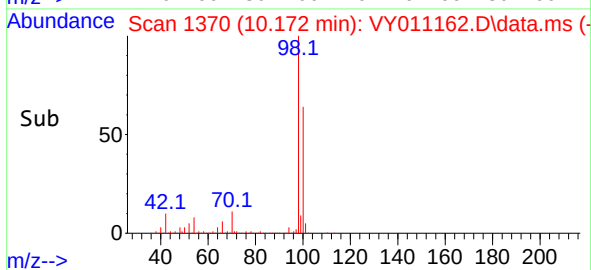
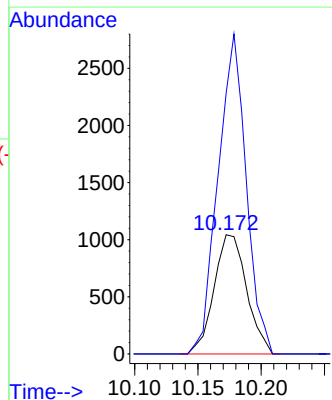
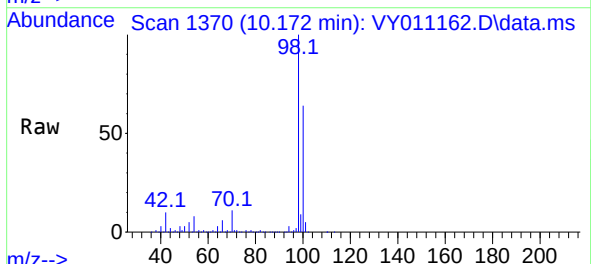
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-7-NE-QUARTER

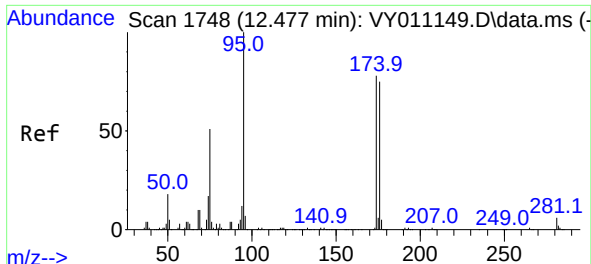
Tgt Ion: 98 Resp: 543445
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.081 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. 0.103 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
58 231.6 28.1 42.1#

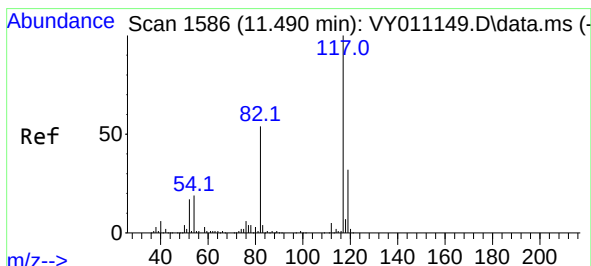
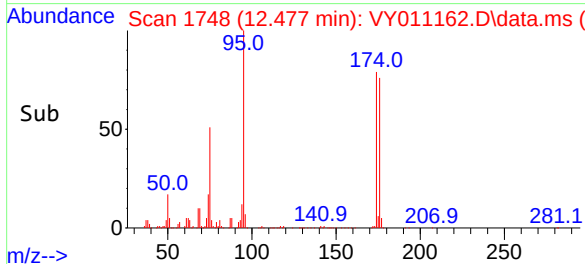
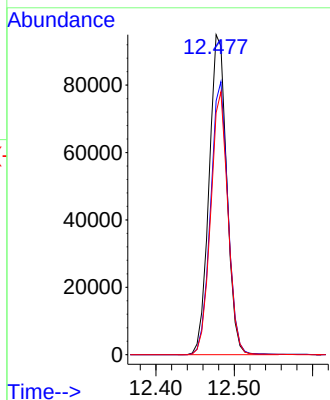
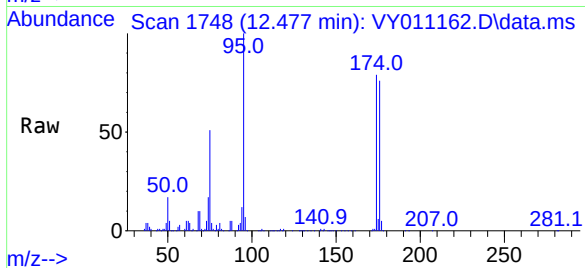




#62
4-Bromofluorobenzene
Concen: 49.109 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

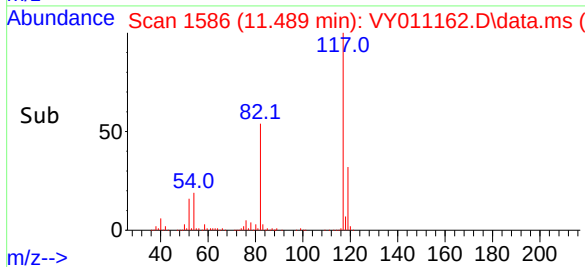
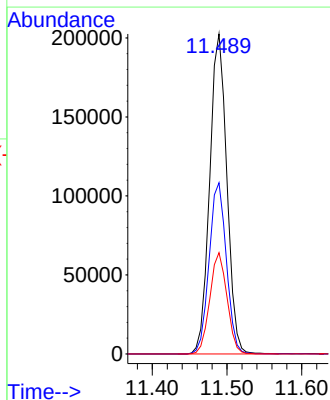
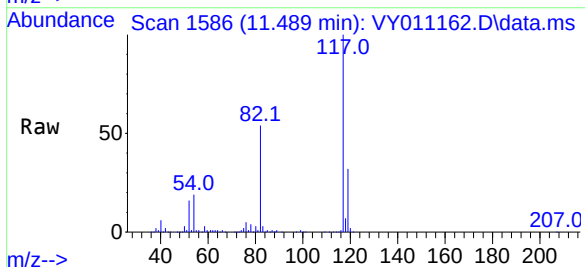
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-7-NE-QUARTER

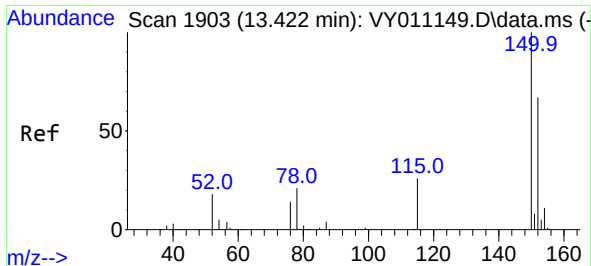
Tgt Ion: 95 Resp: 148525
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 117 Resp: 323215
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.7 25.4 38.0

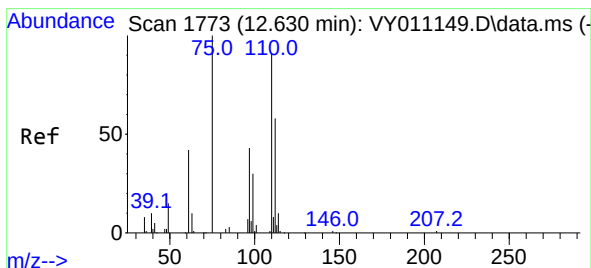
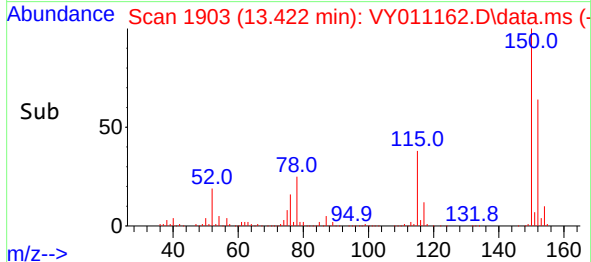
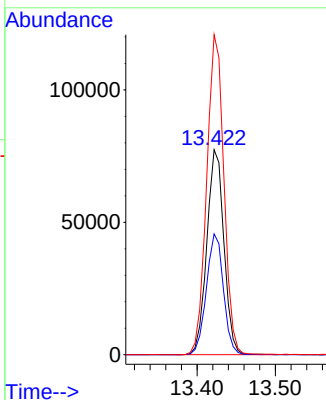
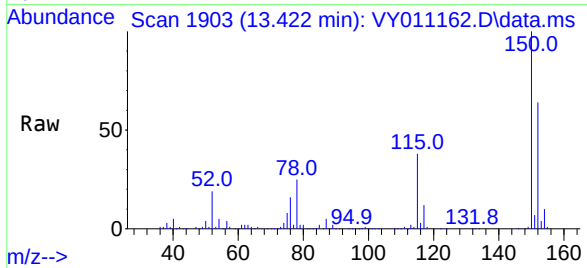




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

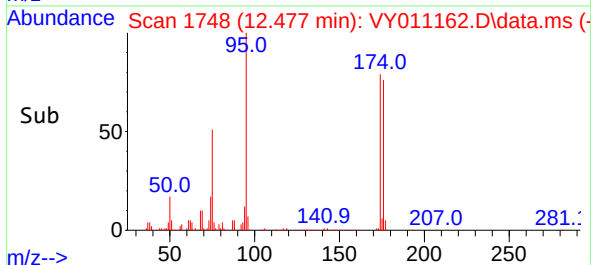
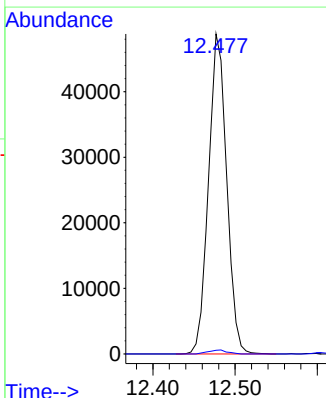
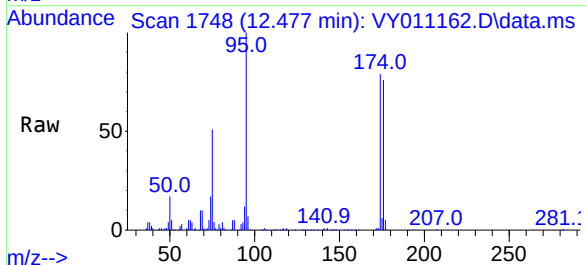
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-7-NE-QUARTER

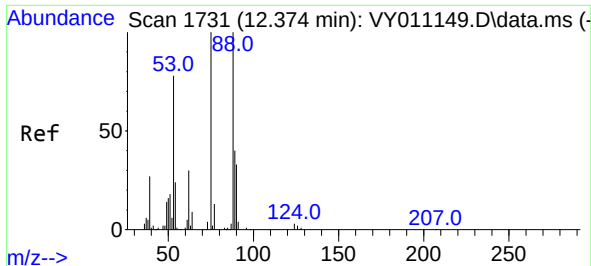
Tgt Ion:152 Resp: 117327
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 156.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 61.358 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 75 Resp: 74845
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

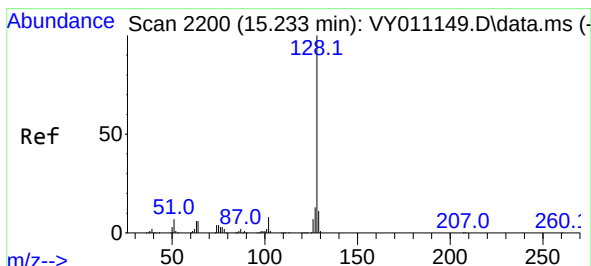
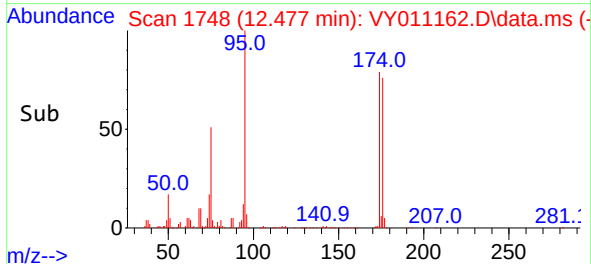
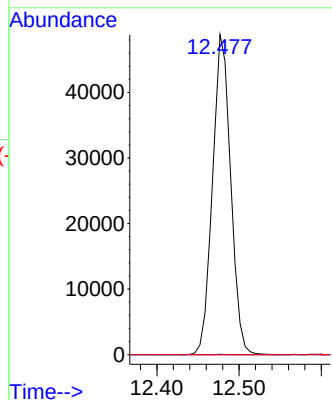
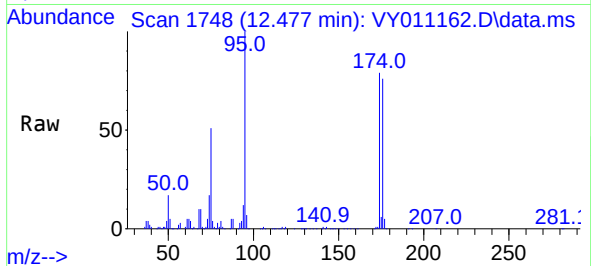




#81
trans-1,4-Dichloro-2-butene
Concen: 130.304 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-7-NE-QUARTER

Tgt Ion: 75 Resp: 74845
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.472 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.001 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 128 Resp: 541
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

