

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017186.D
 Acq On : 02 Feb 2024 16:01
 Operator : SY/MD
 Sample : P1307-04
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-614-VOC-01

Quant Time: Feb 02 22:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

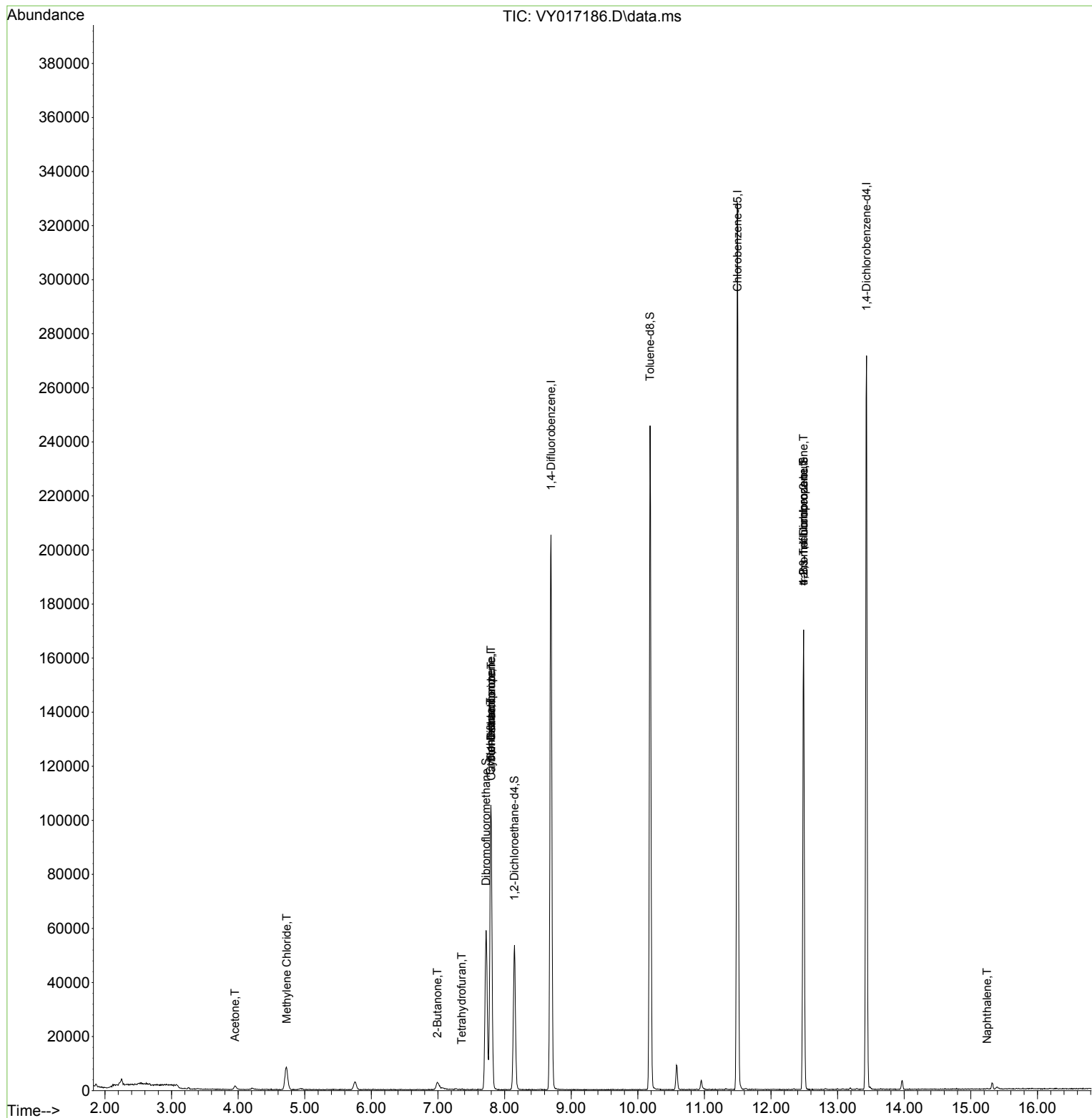
Internal Standards						
1) Pentafluorobenzene	7.795	168	80608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	176139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39125	54.333	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.660%			
35) Dibromofluoromethane	7.722	113	42717	45.070	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.140%			
50) Toluene-d8	10.185	98	155781	45.143	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.280%			
62) 4-Bromofluorobenzene	12.489	95	50556	44.723	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.440%			
Target Compounds						
11) Tert butyl alcohol	4.942	59	338	Below Cal	#	75
16) Acetone	3.954	43	2343	11.070	ug/l	95
20) Methylene Chloride	4.728	84	6541	4.347	ug/l #	94
25) 2-Butanone	6.990	43	1470	5.225	ug/l #	89
29) Tetrahydrofuran	7.356	42	187	1.177	ug/l #	32
31) Cyclohexane	7.789	56	1984	1.367	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	7297	4.463	ug/l #	49
38) Carbon Tetrachloride	7.801	117	8350	5.334	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	26816	42.676	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	26816	88.674	ug/l #	12
95) Naphthalene	15.245	128	236	3.545	ug/l #	69

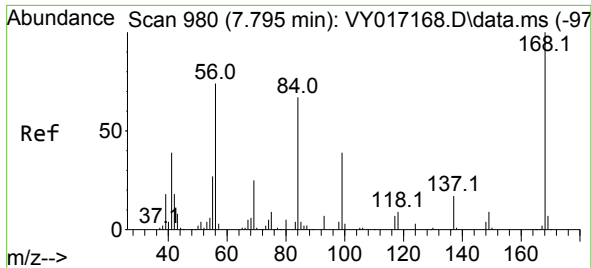
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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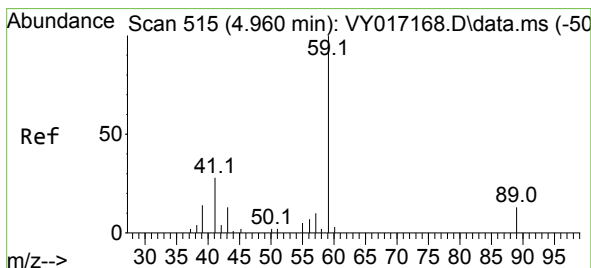
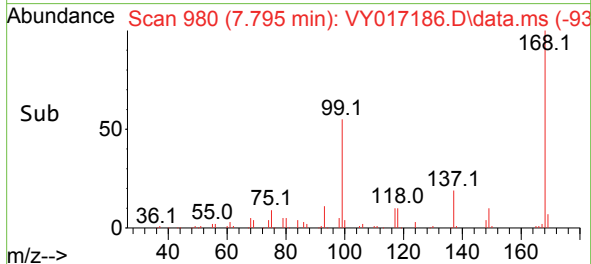
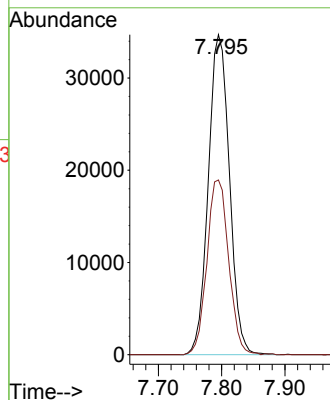
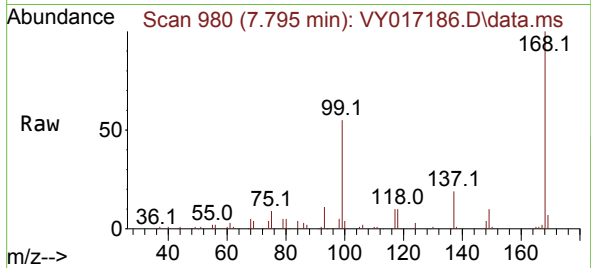




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

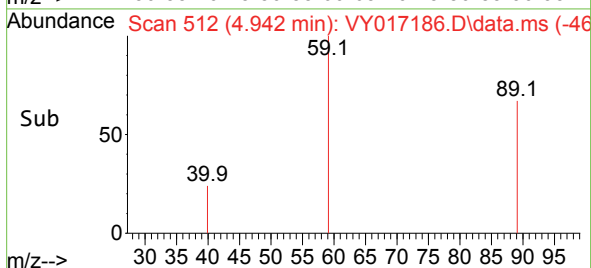
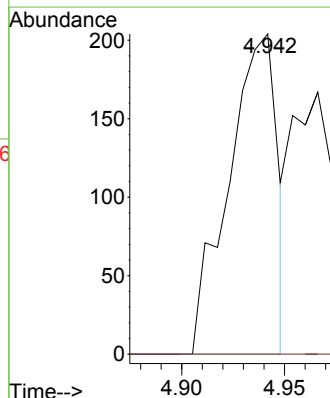
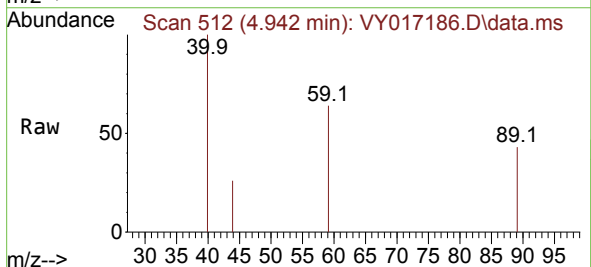
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-01

Tgt Ion:168 Resp: 80608
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

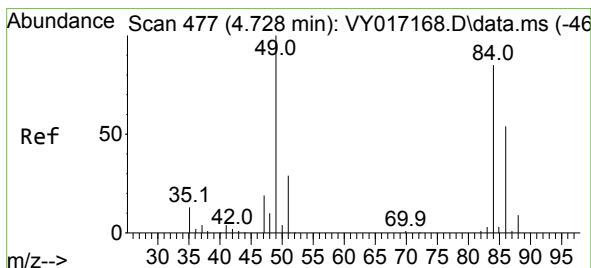
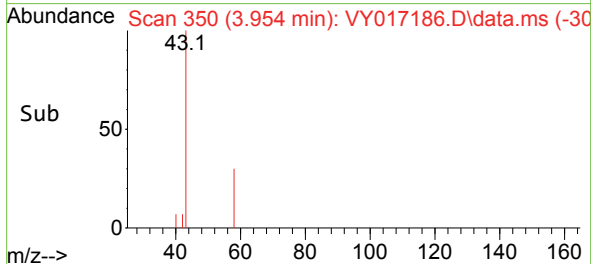
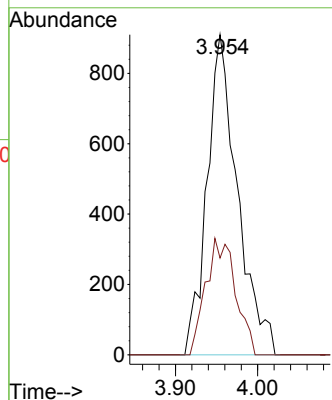
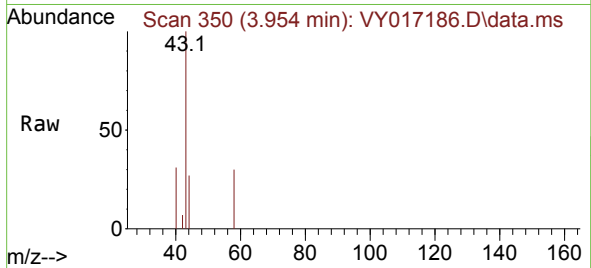




#16
Acetone
Concen: 11.070 ug/l
RT: 3.954 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

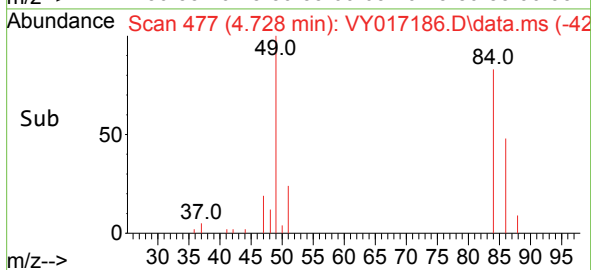
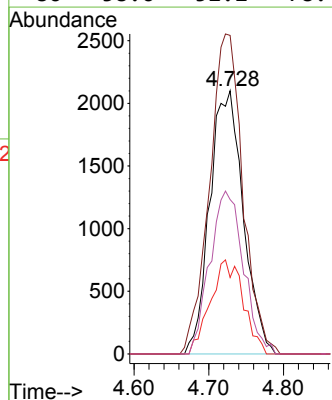
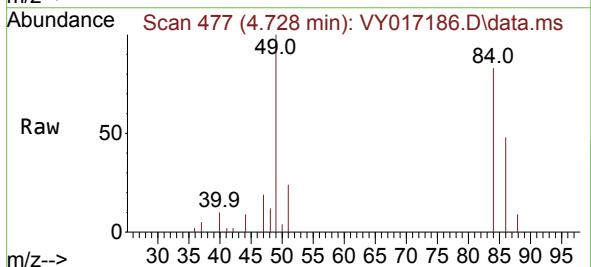
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-01

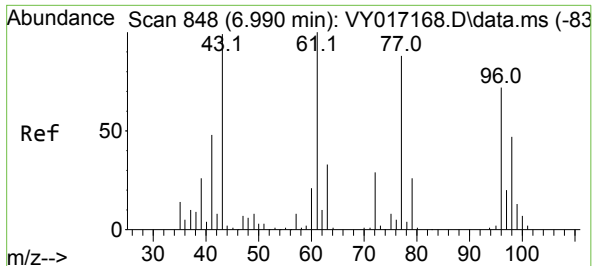
Tgt Ion: 43 Resp: 2343
Ion Ratio Lower Upper
43 100
58 30.2 26.6 39.8



#20
Methylene Chloride
Concen: 4.347 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

Tgt Ion: 84 Resp: 6541
Ion Ratio Lower Upper
84 100
49 121.0 95.2 142.8
51 29.0 29.9 44.9#
86 58.6 52.2 78.4

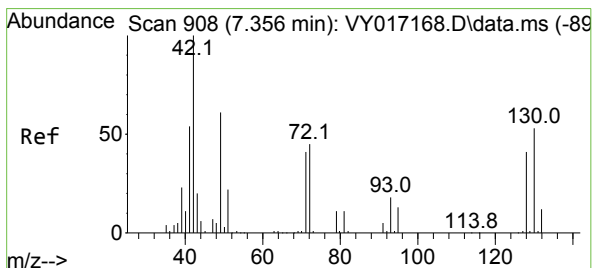
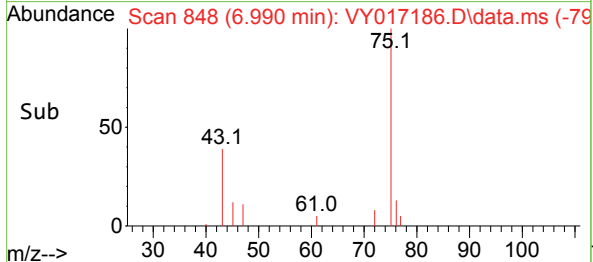
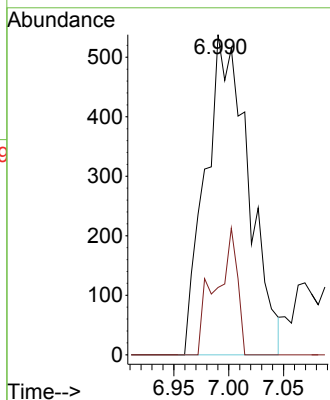
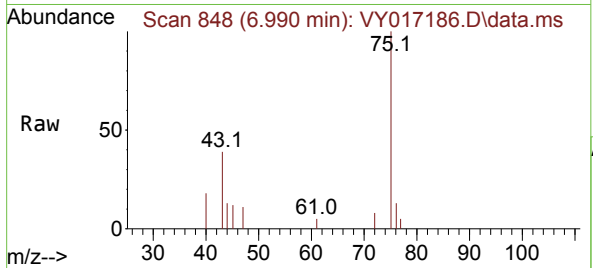




#25
2-Butanone
Concen: 5.225 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

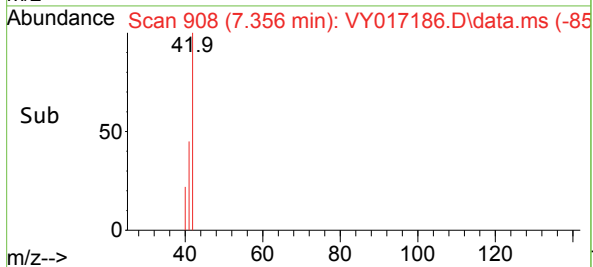
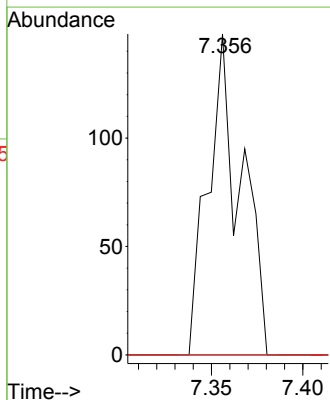
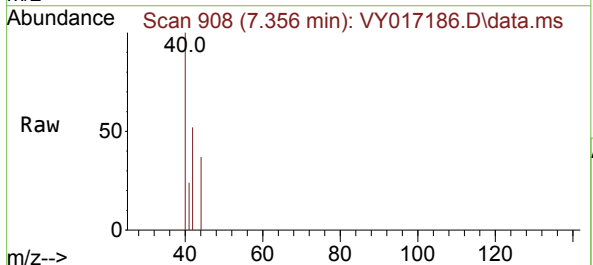
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-01

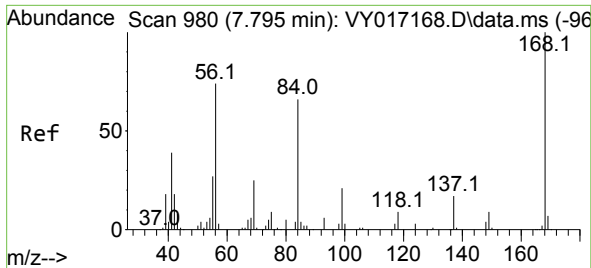
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
72 21.0 21.4 32.2#



#29
Tetrahydrofuran
Concen: 1.177 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

Tgt Ion: 42 Resp: 187
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.8 50.6#

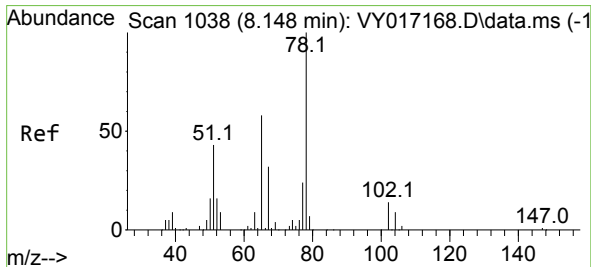
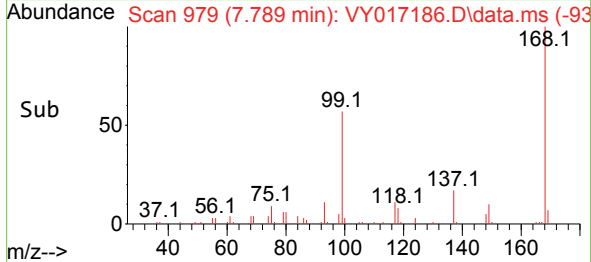
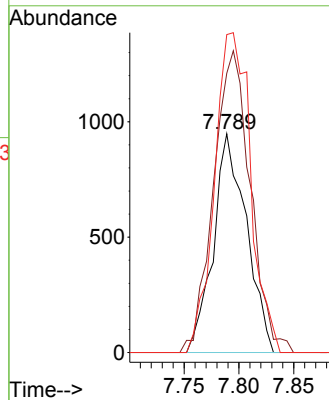
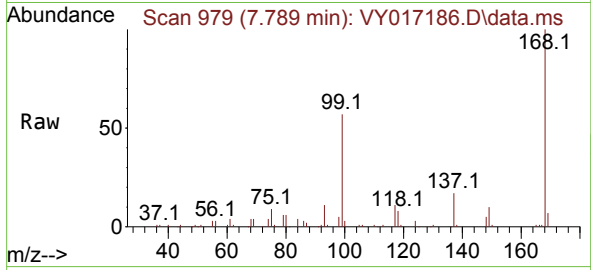




#31
Cyclohexane
Concen: 1.367 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

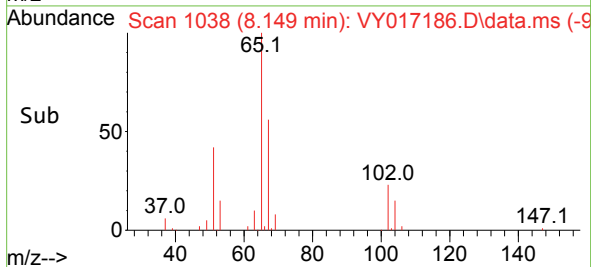
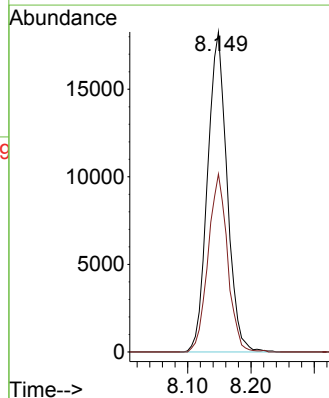
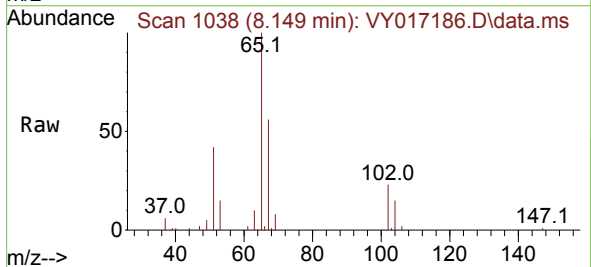
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-01

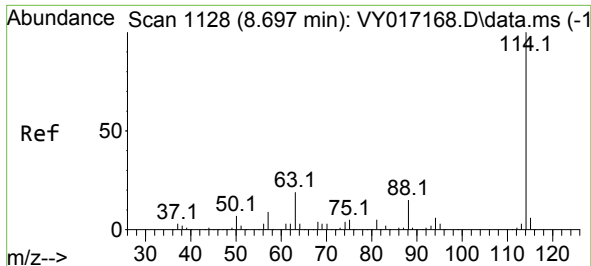
Tgt Ion: 56 Resp: 1984
Ion Ratio Lower Upper
56 100
69 127.6 27.0 40.6#
84 145.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.333 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

Tgt Ion: 65 Resp: 39125
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.0

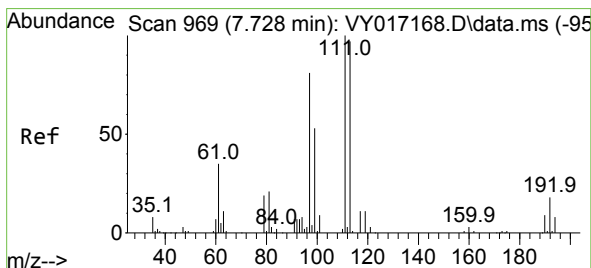
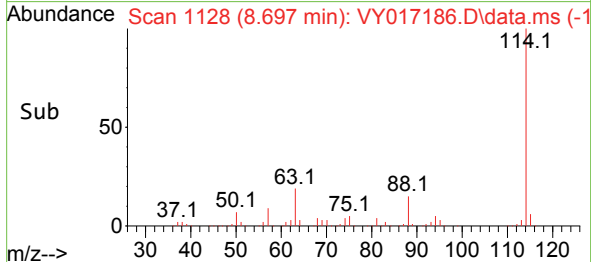
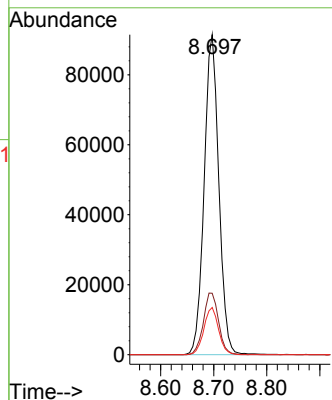
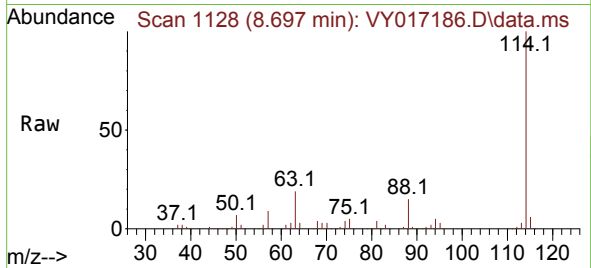




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY017186.D
 Acq: 02 Feb 2024 16:01

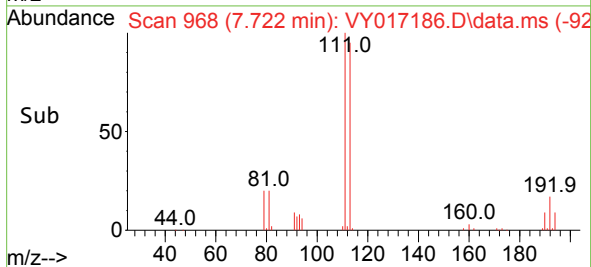
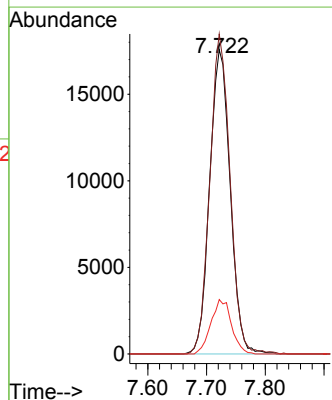
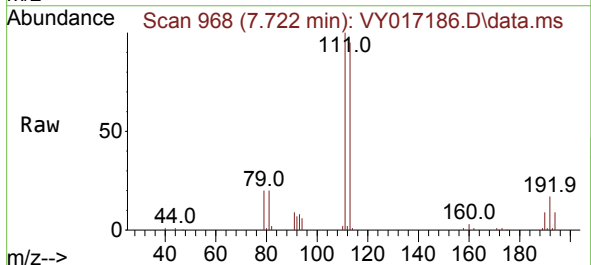
Instrument :
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 TR-614-VOC-01

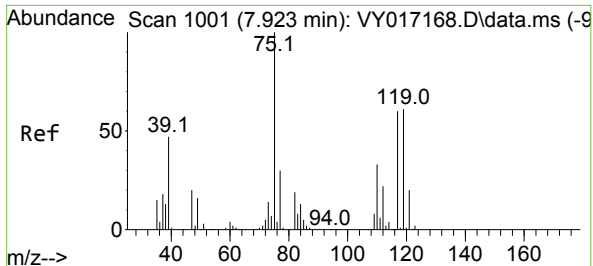
Tgt Ion:114 Resp: 175538
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.4
 88 14.7 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 45.070 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VY017186.D
 Acq: 02 Feb 2024 16:01

Tgt Ion:113 Resp: 42717
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.8 125.6
 192 17.9 14.5 21.7

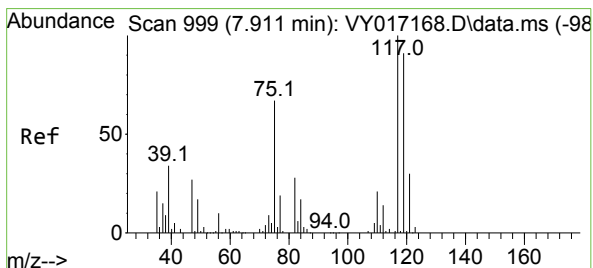
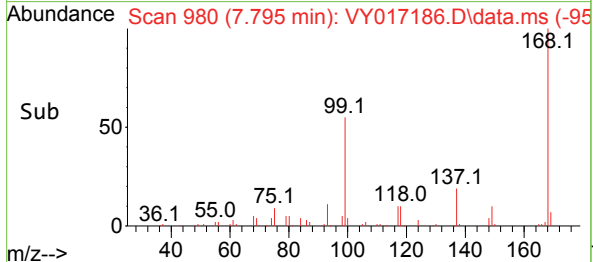
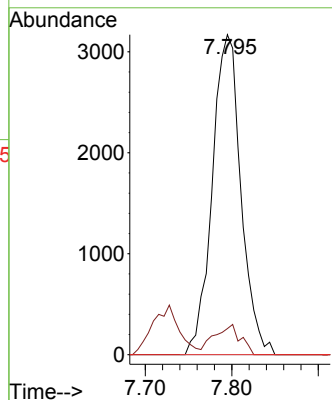
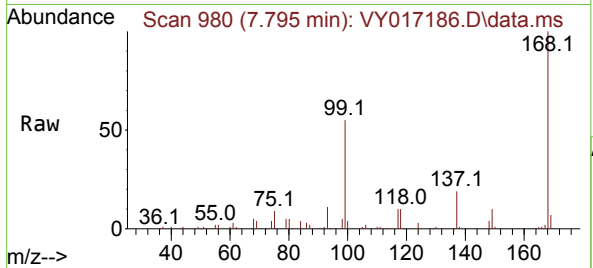




#36
 1,1-Dichloropropene
 Concen: 4.463 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY017186.D
 Acq: 02 Feb 2024 16:01

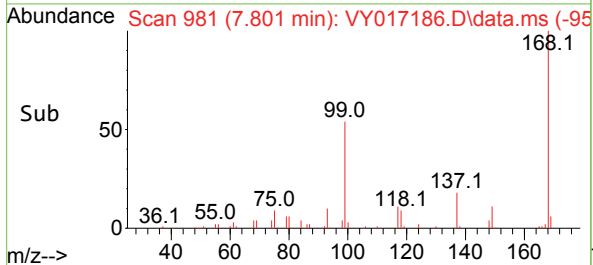
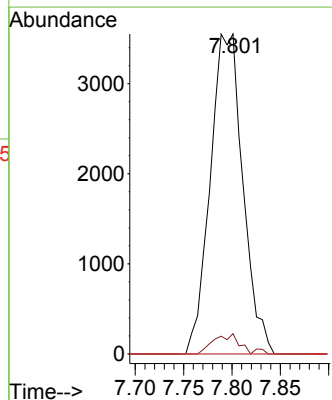
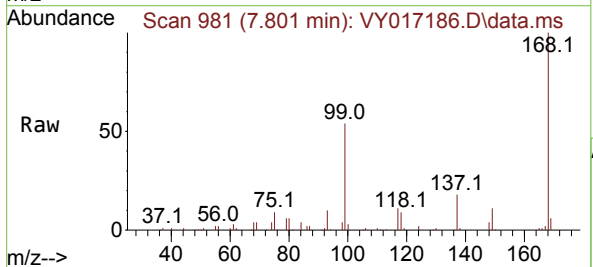
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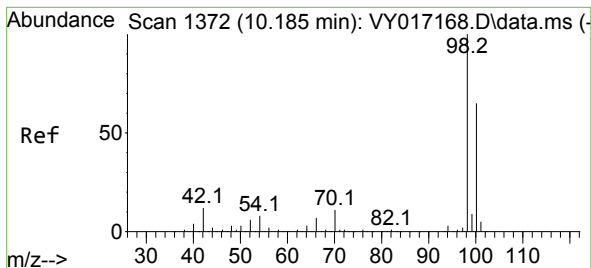
Tgt Ion: 75 Resp: 7297
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.334 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY017186.D
 Acq: 02 Feb 2024 16:01

Tgt Ion: 117 Resp: 8350
 Ion Ratio Lower Upper
 117 100
 119 6.4 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 45.143 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017186.D

Acq: 02 Feb 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :

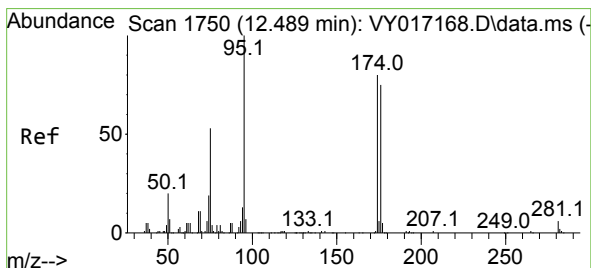
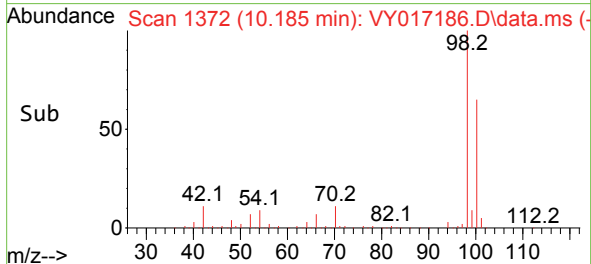
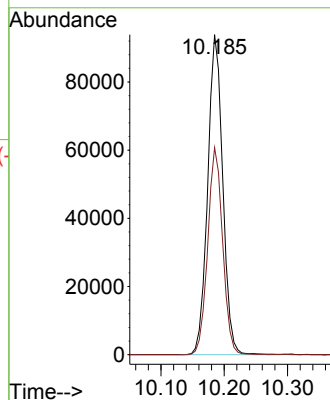
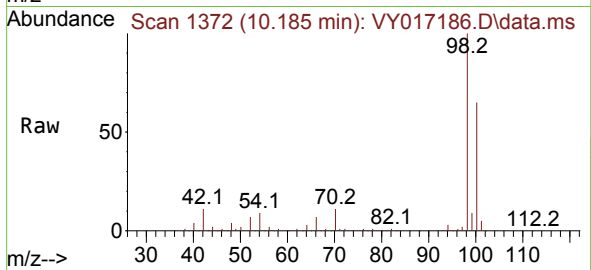
TR-614-VOC-01

Tgt Ion: 98 Resp: 155781

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.723 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017186.D

Acq: 02 Feb 2024 16:01

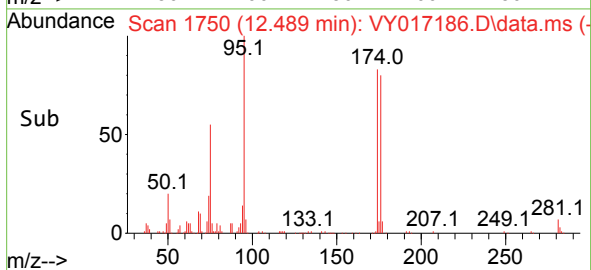
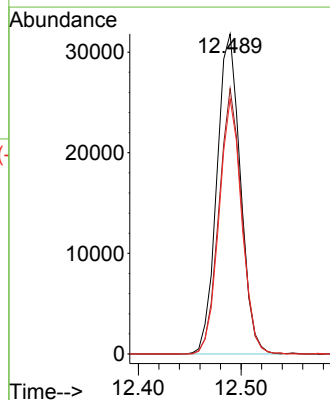
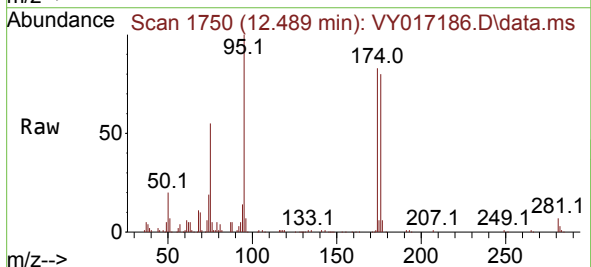
Tgt Ion: 95 Resp: 50556

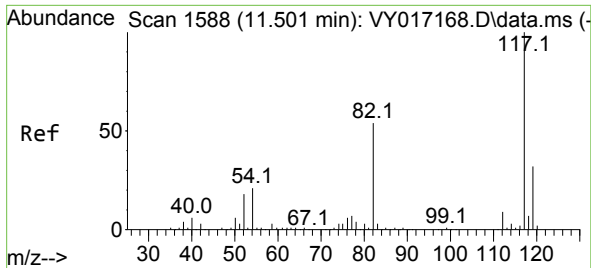
Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.0

176 76.7 0.0 151.8

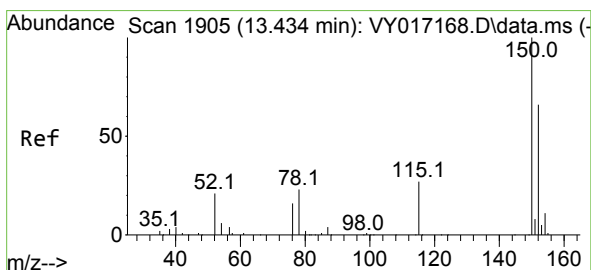
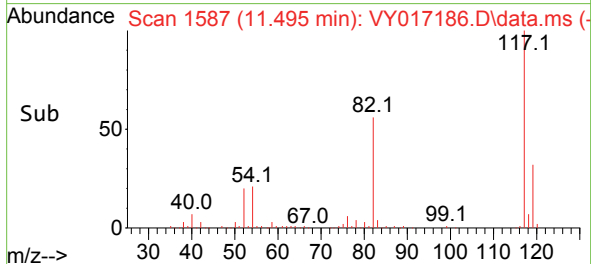
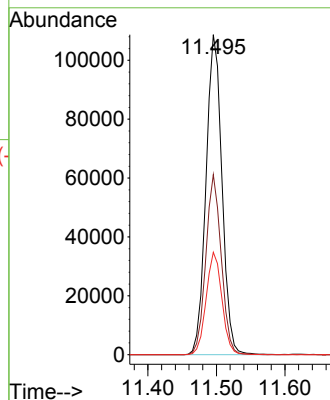
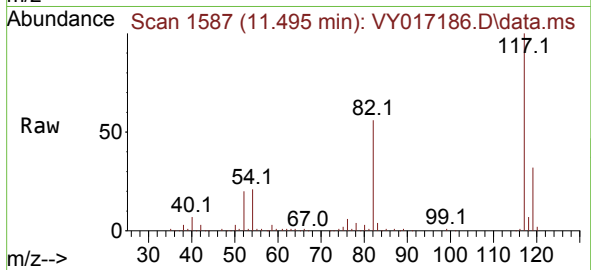




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

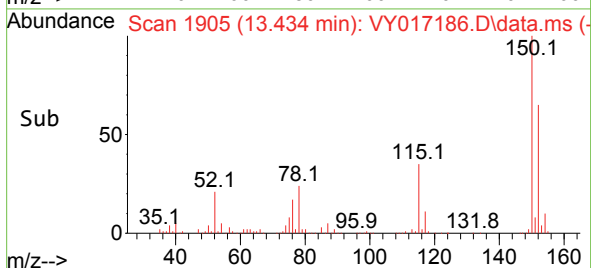
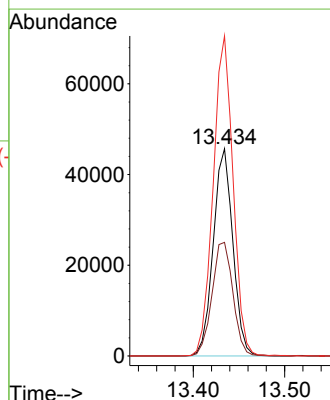
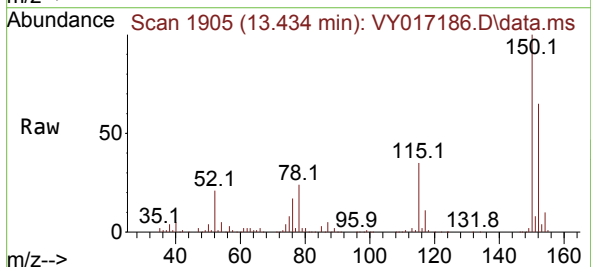
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-01

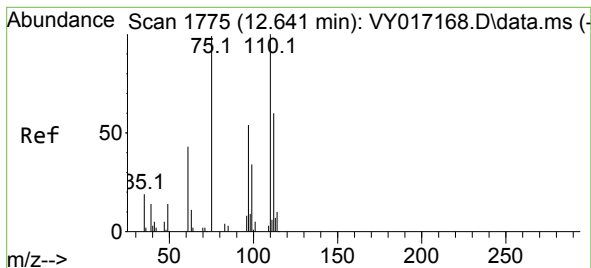
Tgt Ion:117 Resp: 176139
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

Tgt Ion:152 Resp: 68080
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.0
150 156.5 0.0 344.6

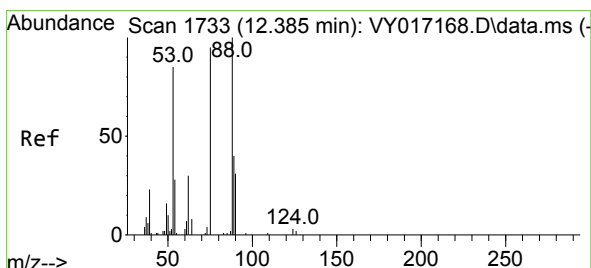
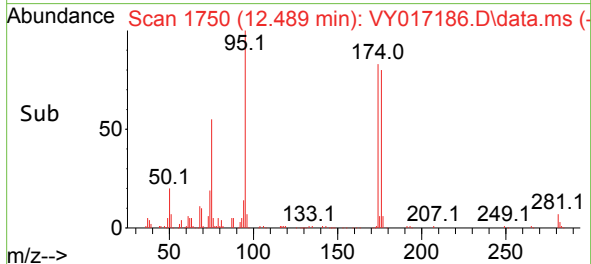
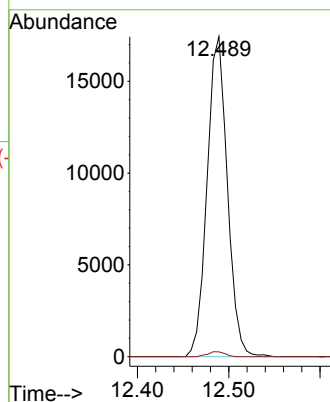
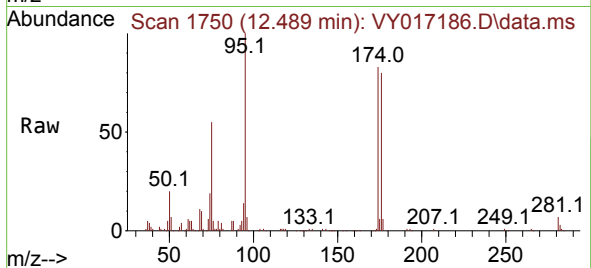




#76
1,2,3-Trichloropropane
Concen: 42.676 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

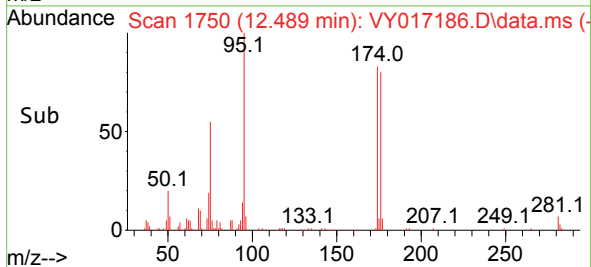
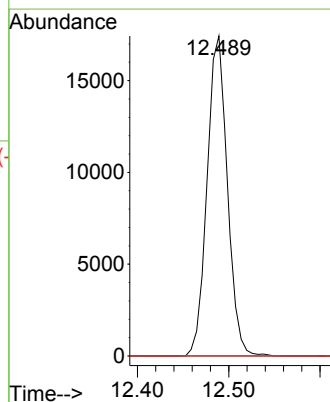
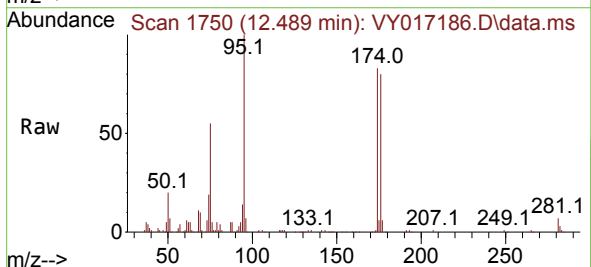
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-01

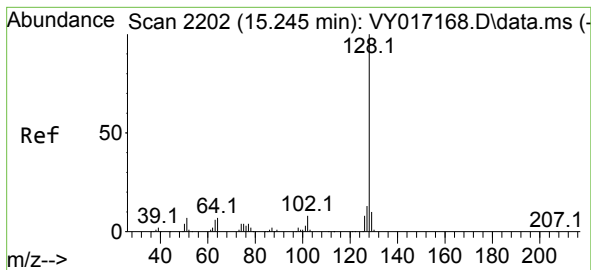
Tgt Ion: 75 Resp: 26816
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.674 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

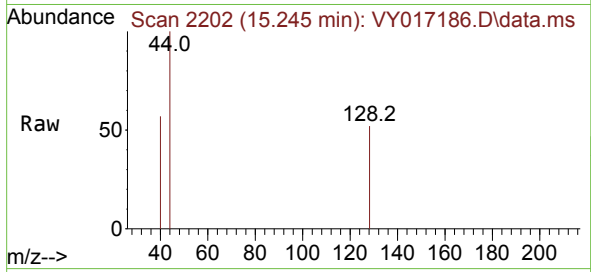
Tgt Ion: 75 Resp: 26816
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.545 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-01



Tgt Ion:128 Resp: 236
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

