

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006959.D
 Acq On : 06 Dec 2021 14:45
 Operator : SY/MD
 Sample : M4887-02
 Misc : 5.20g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:46:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

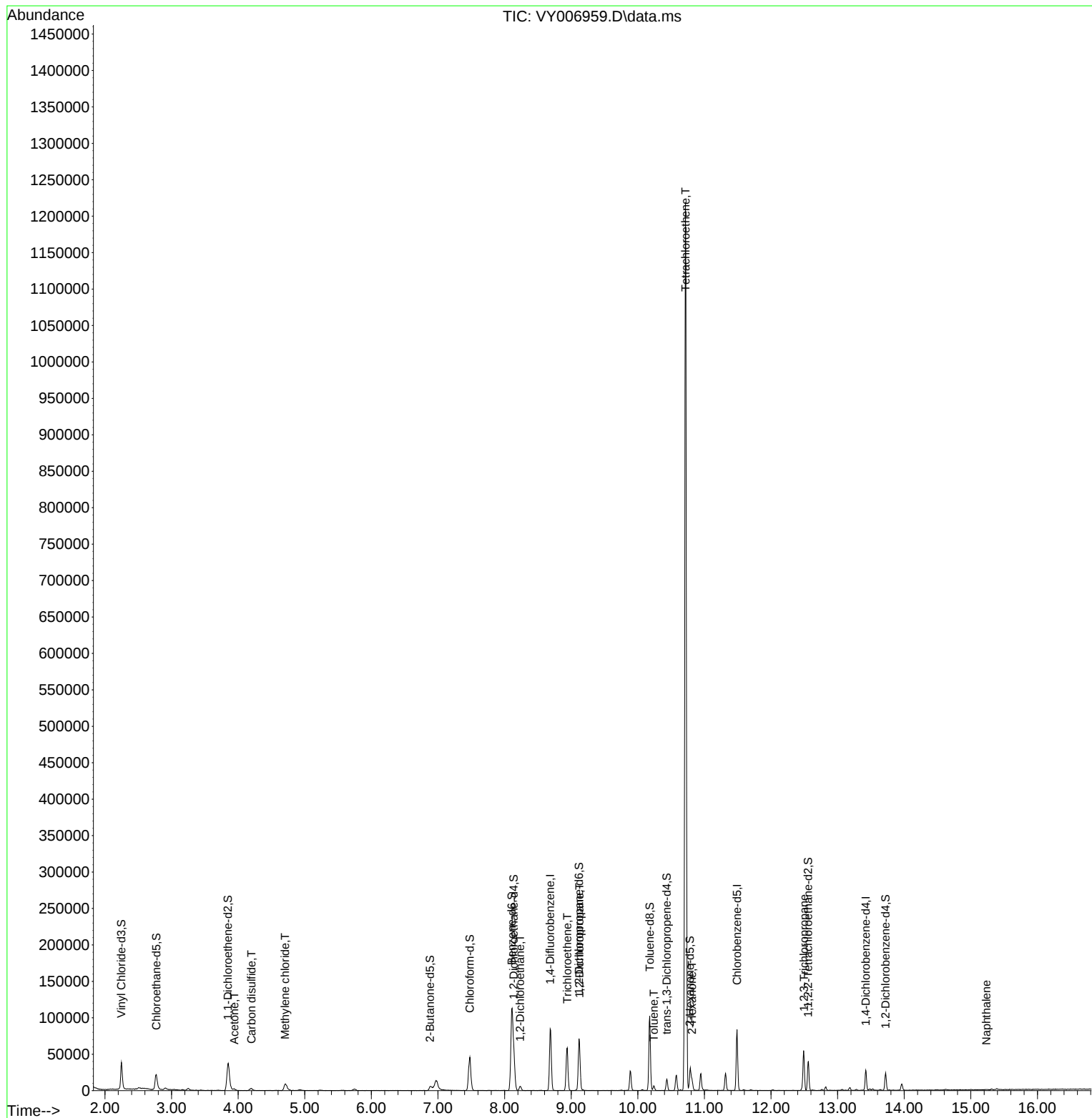
Internal Standards							
1) 1,4-Difluorobenzene		8.685	114	66365	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.489	117	40045	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.422	152	6600	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.247	65	36749	42.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 171.960%#		
7) Chloroethane-d5		2.771	69	26276	39.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 156.760%#		
11) 1,1-Dichloroethene-d2		3.844	63	38289	21.548	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 86.200%		
21) 2-Butanone-d5		6.880	46	9952	30.146	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 60.300%		
24) Chloroform-d		7.478	84	43457	26.275	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.120%		
26) 1,2-Dichloroethane-d4		8.136	65	28458	28.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 114.680%		
32) Benzene-d6		8.106	84	85113	40.012	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 160.040%#		
36) 1,2-Dichloropropane-d6		9.118	67	31871	47.686	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 190.760%#		
41) Toluene-d8		10.178	98	62633	31.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 125.760%		
43) trans-1,3-Dichloroprop...		10.434	79	7943	24.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.280%		
47) 2-Hexanone-d5		10.782	63	8700	56.243	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.480%		
56) 1,1,2,2-Tetrachloroeth...		12.556	84	19167	34.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 137.680%#		
66) 1,2-Dichlorobenzene-d4		13.720	152	5353	24.871	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.480%		
Target Compounds							Qvalue
13) Acetone		3.942	43	3811	12.596	ug/L	86
14) Carbon disulfide		4.198	76	2619	0.885	ug/L #	76
16) Methylene chloride		4.704	84	6113	5.136	ug/L	85
27) 1,2-Dichloroethane		8.234	62	5384	4.095	ug/L #	93
34) Trichloroethene		8.941	95	19681	29.679	ug/L	91
37) 1,2-Dichloropropane		9.124	63	3607	5.226	ug/L #	87
42) Toluene		10.239	91	4358	1.517	ug/L	88
46) Tetrachloroethene		10.715	164	242350	436.210	ug/L	96
48) 2-Hexanone		10.812	43	8429	21.219	ug/L #	42
61) 1,2,3-Trichloropropane		12.495	75	417	2.599	ug/L #	60
71) Naphthalene		15.232	128	483	1.010	ug/L #	69

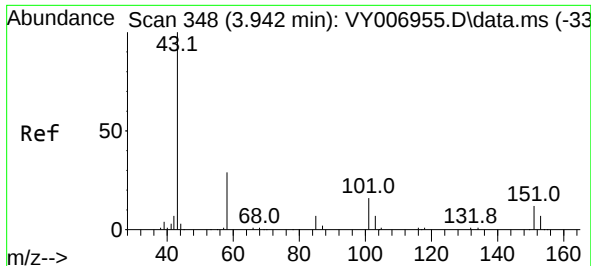
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006959.D
Acq On : 06 Dec 2021 14:45
Operator : SY/MD
Sample : M4887-02
Misc : 5.20g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

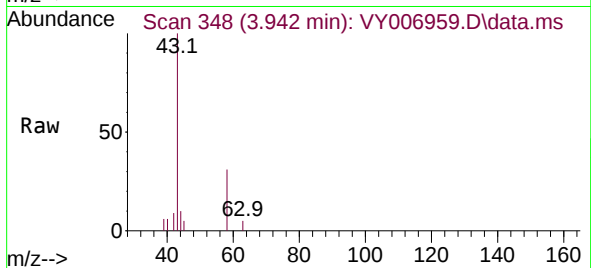
Quant Time: Dec 07 00:46:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 07 00:43:47 2021
Response via : Initial Calibration



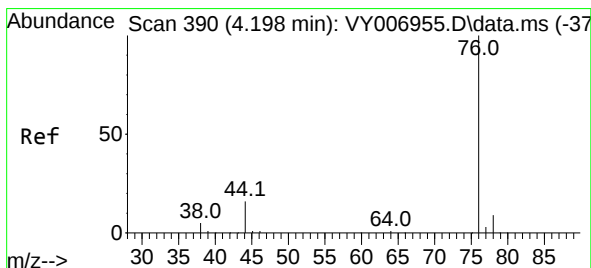
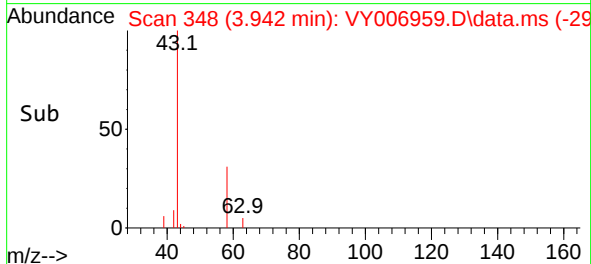
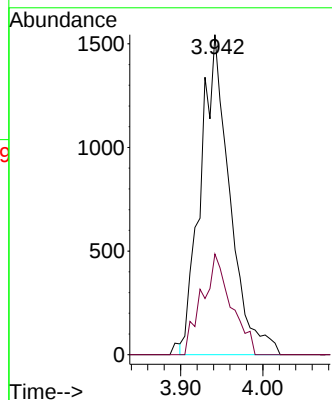


#13
Acetone
Concen: 12.596 ug/L
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY006959.D
Acq: 06 Dec 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

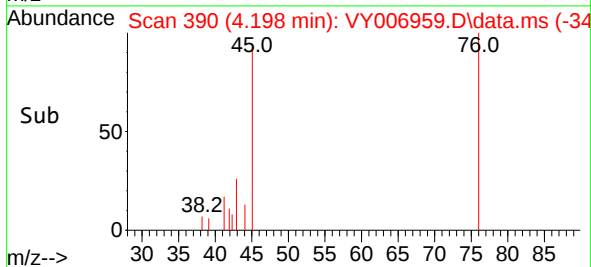
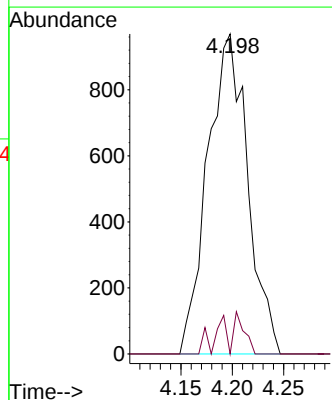
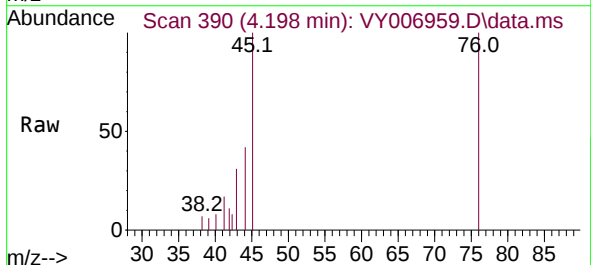


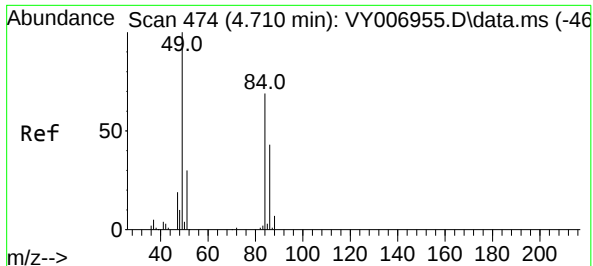
Tgt Ion: 43 Resp: 3811
Ion Ratio Lower Upper
43 100
58 22.7 0.0 60.8



#14
Carbon disulfide
Concen: 0.885 ug/L
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY006959.D
Acq: 06 Dec 2021 14:45

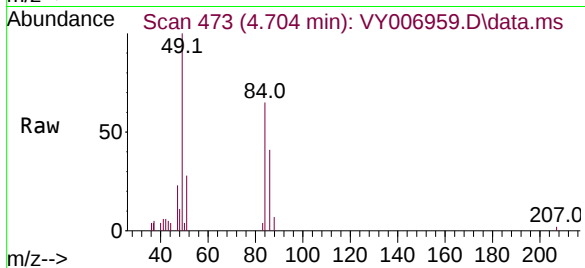
Tgt Ion: 76 Resp: 2619
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



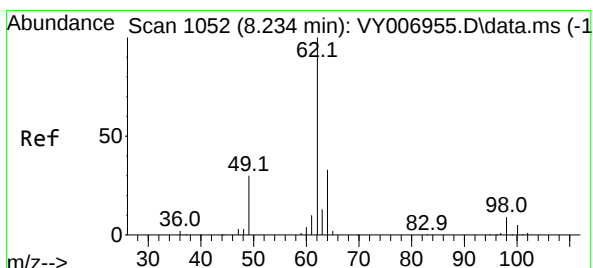
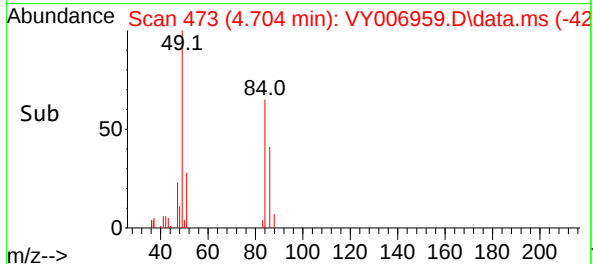
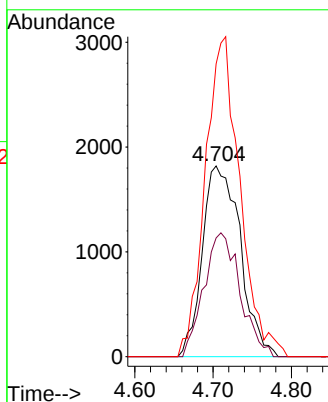


#16
Methylene chloride
Concen: 5.136 ug/L
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006959.D
Acq: 06 Dec 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

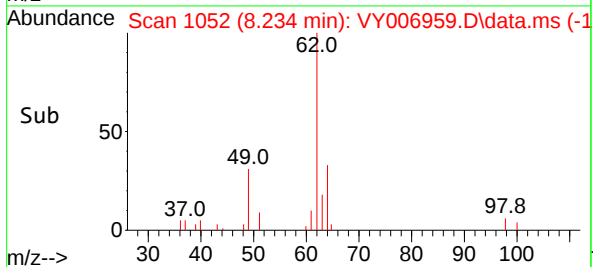
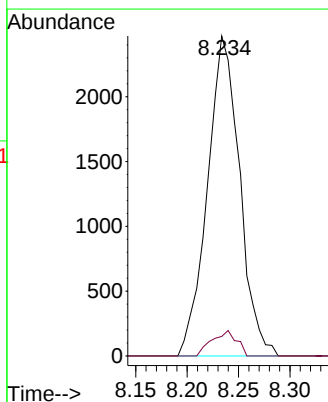
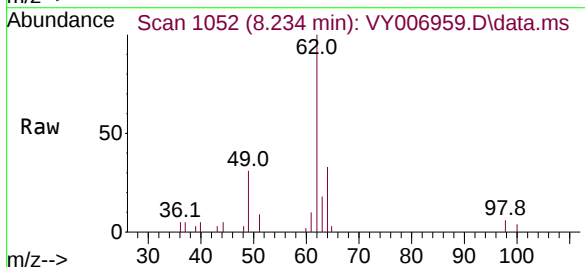


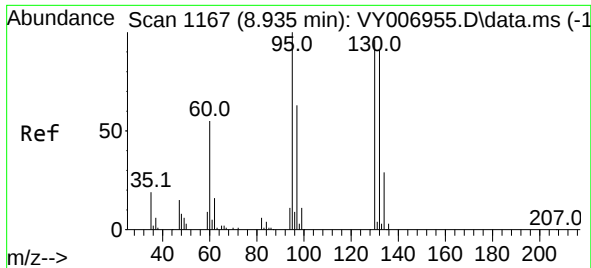
Tgt Ion: 84 Resp: 6113
Ion Ratio Lower Upper
84 100
86 62.3 43.4 80.6
49 153.5 89.1 165.5



#27
1,2-Dichloroethane
Concen: 4.095 ug/L
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY006959.D
Acq: 06 Dec 2021 14:45

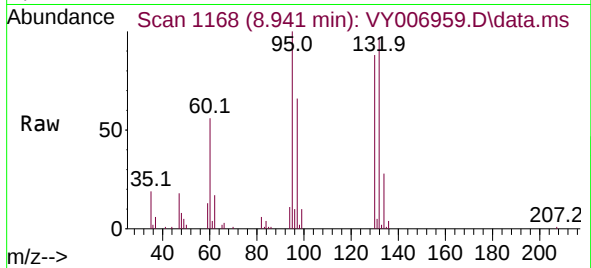
Tgt Ion: 62 Resp: 5384
Ion Ratio Lower Upper
62 100
98 6.1 6.9 10.3#



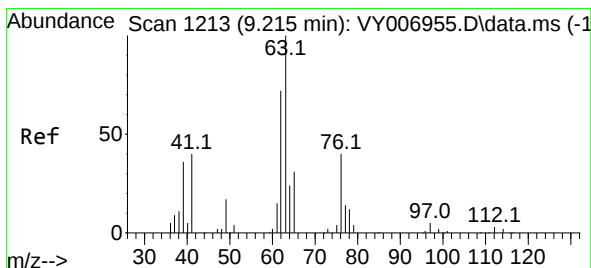
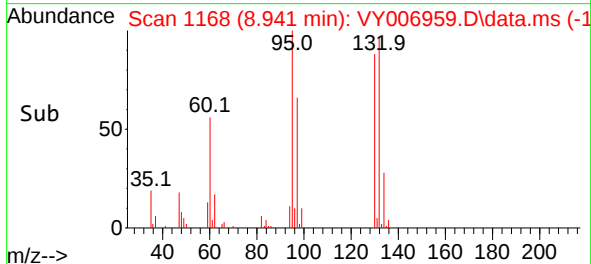
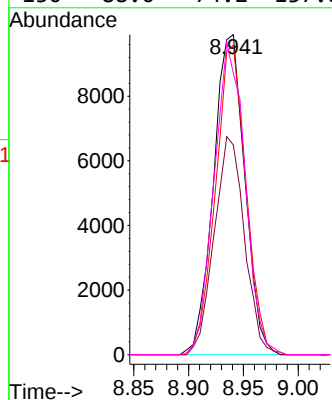


#34
 Trichloroethene
 Concen: 29.679 ug/L
 RT: 8.941 min Scan# 1168
 Delta R.T. 0.006 min
 Lab File: VY006959.D
 Acq: 06 Dec 2021 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :

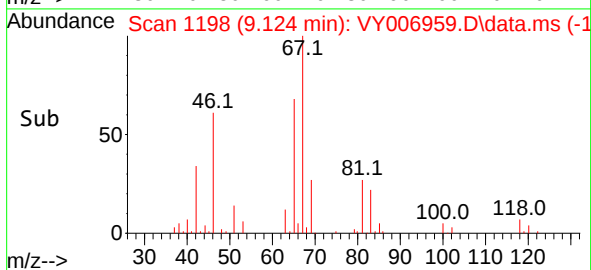
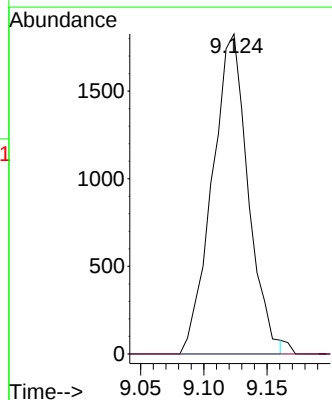
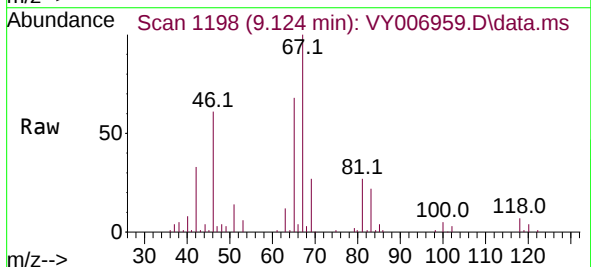


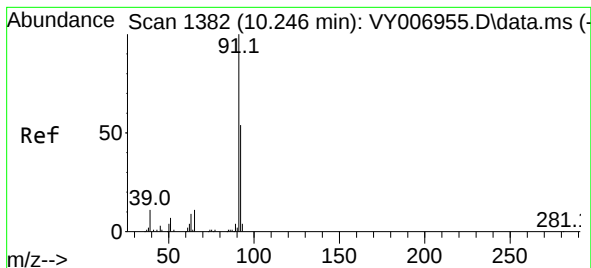
Tgt Ion: 95 Resp: 19681
 Ion Ratio Lower Upper
 95 100
 97 65.6 47.3 87.8
 132 96.7 71.3 132.5
 130 88.0 74.2 137.8



#37
 1,2-Dichloropropane
 Concen: 5.226 ug/L
 RT: 9.124 min Scan# 1198
 Delta R.T. -0.092 min
 Lab File: VY006959.D
 Acq: 06 Dec 2021 14:45

Tgt Ion: 63 Resp: 3607
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#





#42

Toluene

Concen: 1.517 ug/L

RT: 10.239 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006959.D

Acq: 06 Dec 2021 14:45

Instrument :

MSVOA_Y

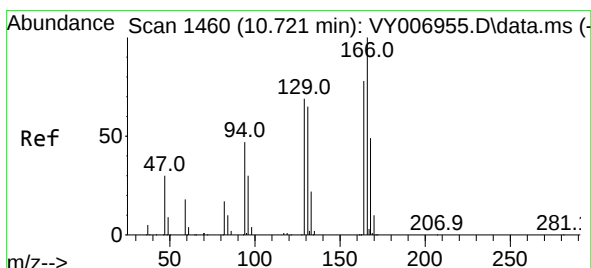
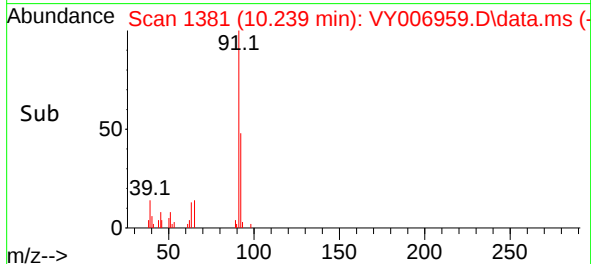
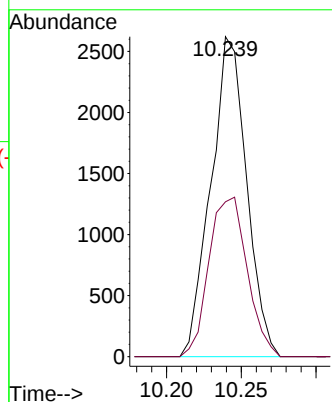
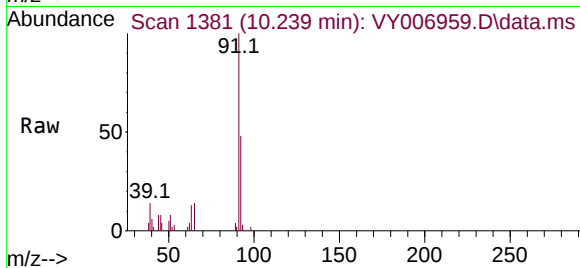
ClientSampleId :

Tgt Ion: 91 Resp: 4358

Ion Ratio Lower Upper

91 100

92 48.4 39.8 74.0



#46

Tetrachloroethene

Concen: 436.210 ug/L

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY006959.D

Acq: 06 Dec 2021 14:45

Tgt Ion: 164 Resp: 242350

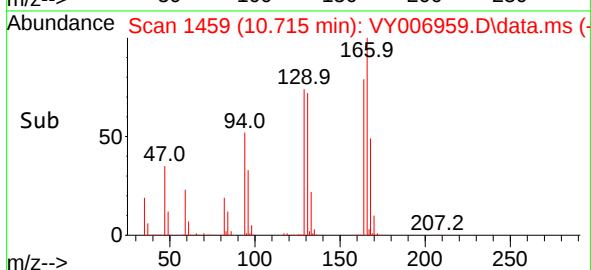
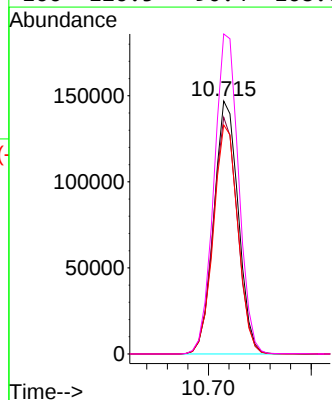
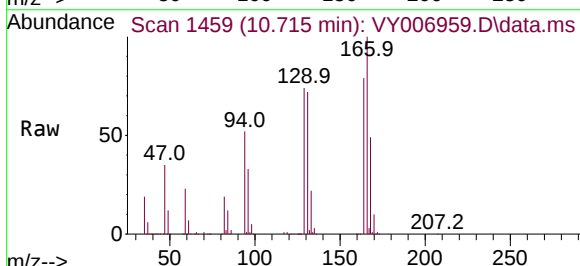
Ion Ratio Lower Upper

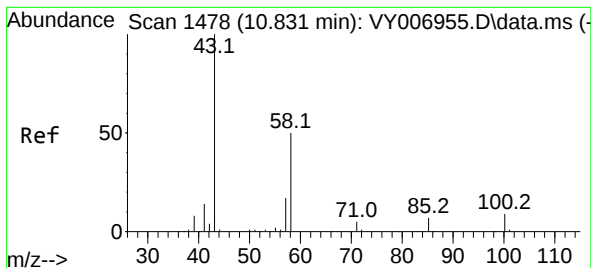
164 100

129 93.6 62.1 115.3

131 90.5 61.0 113.2

166 126.5 90.4 168.0





#48

2-Hexanone

Concen: 21.219 ug/L

RT: 10.812 min Scan# 1475

Delta R.T. -0.019 min

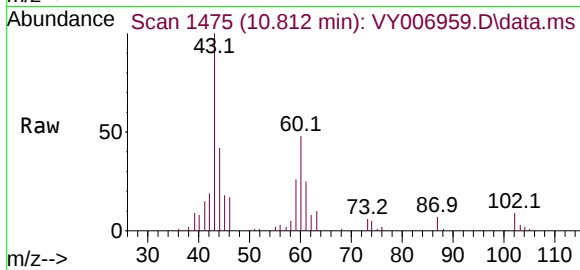
Lab File: VY006959.D

Acq: 06 Dec 2021 14:45

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 8429

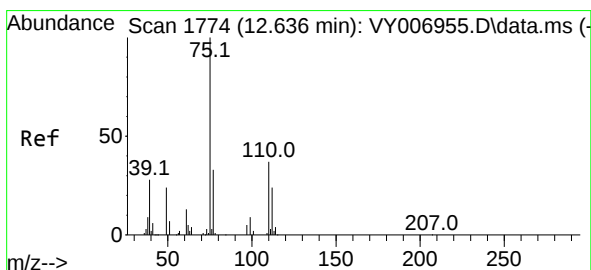
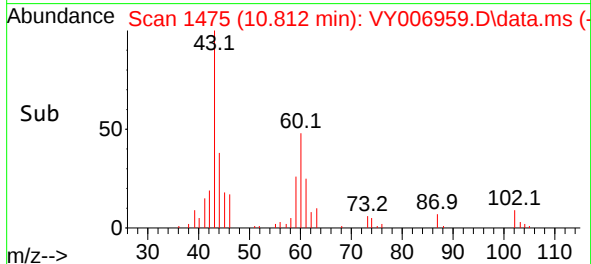
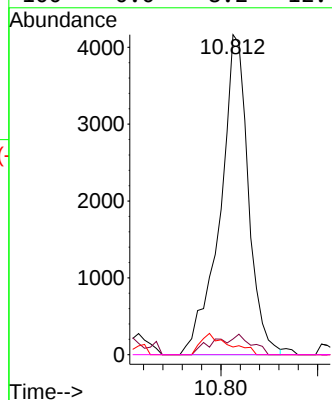
Ion Ratio Lower Upper

43 100

58 1.5 39.9 59.9#

57 0.0 14.2 21.4#

100 0.0 8.2 12.4#



#61

1,2,3-Trichloropropane

Concen: 2.599 ug/L

RT: 12.495 min Scan# 1751

Delta R.T. -0.141 min

Lab File: VY006959.D

Acq: 06 Dec 2021 14:45

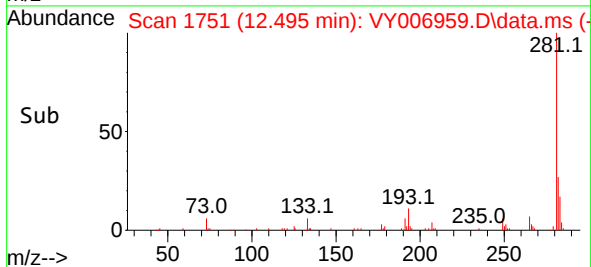
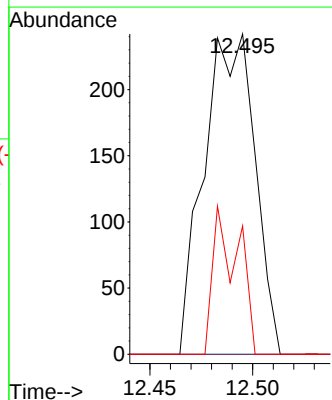
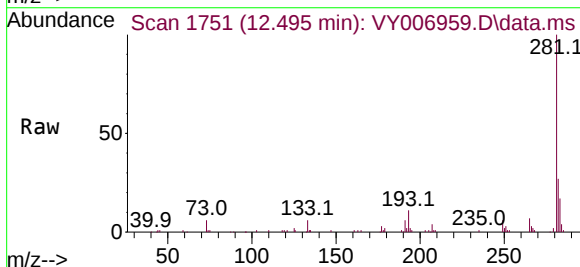
Tgt Ion: 75 Resp: 417

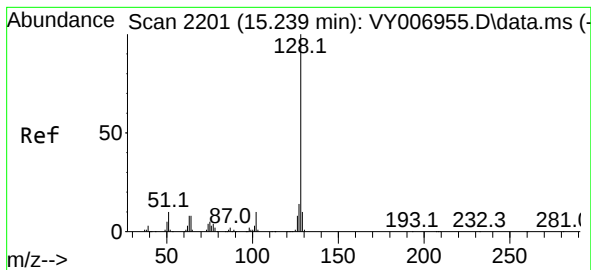
Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

110 23.0 31.7 47.5#





#71

Naphthalene

Concen: 1.010 ug/L

RT: 15.232 min Scan# 21

Delta R.T. -0.006 min

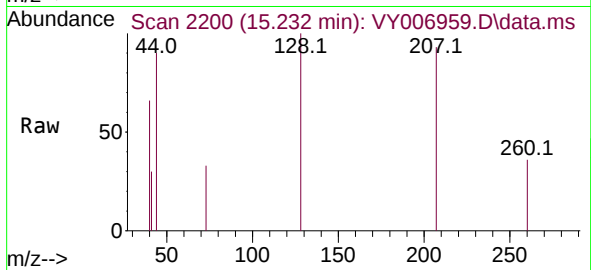
Lab File: VY006959.D

Acq: 06 Dec 2021 14:45

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 483

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.7 13.1#

