

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 :
 EX899

Quant Time: Dec 07 00:46:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.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)

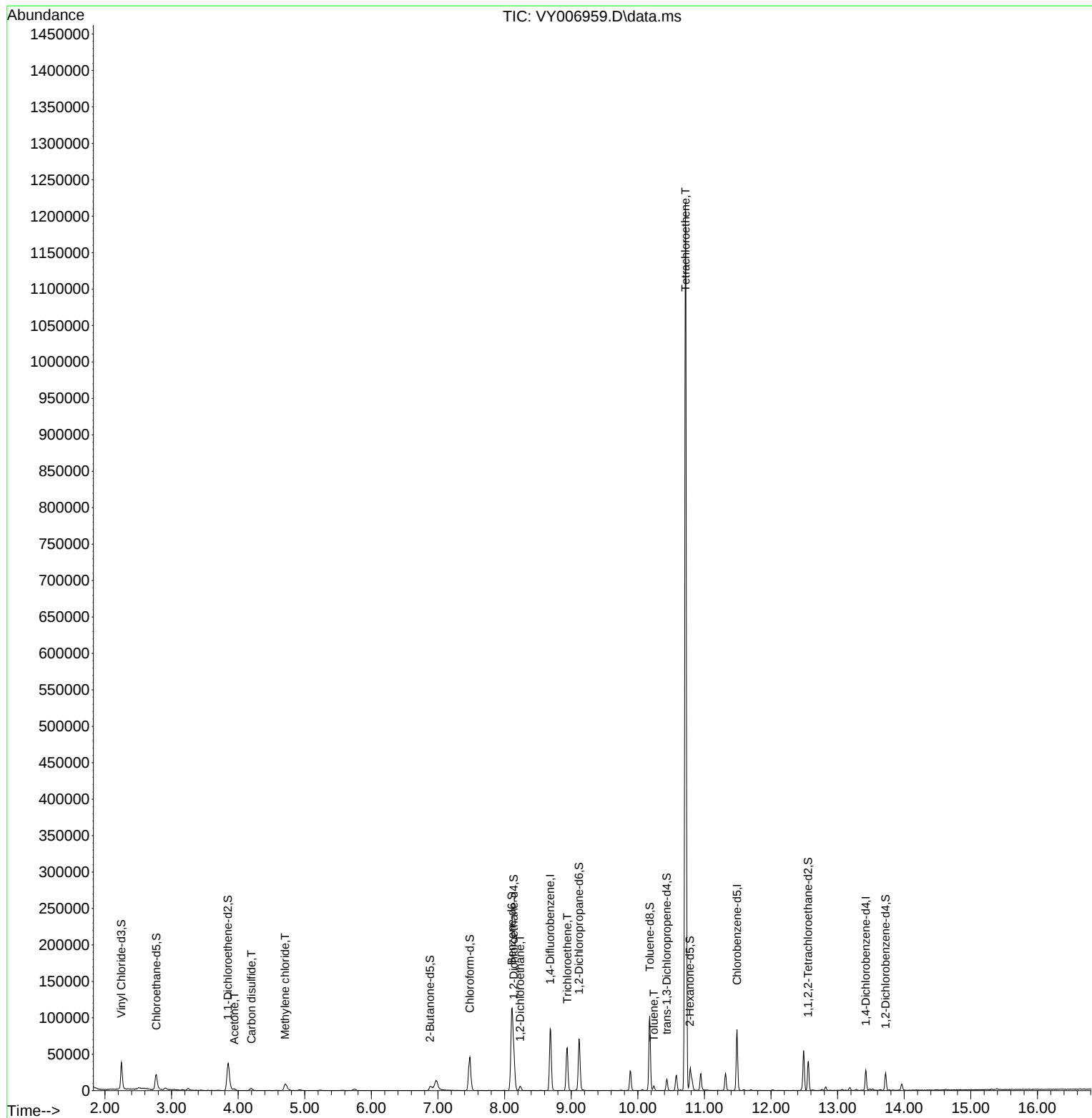
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	66365	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	40045	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	6600	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	36749	42.995	ug/L	0.00
Spiked Amount	25.000	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
42) Toluene	10.239	91	4358	1.517	ug/L	88
46) Tetrachloroethene	10.715	164	242350	436.210	ug/L	96

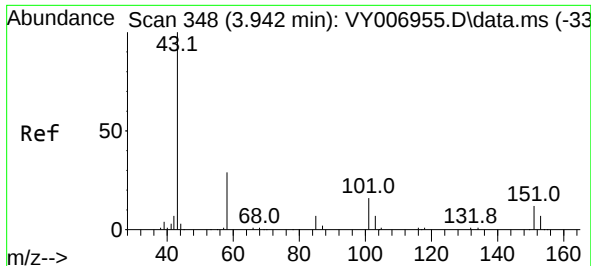
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.596 ug/L

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY006959.D

Acq: 06 Dec 2021 14:45

Instrument :

MSVOA_Y

ClientSampleId :

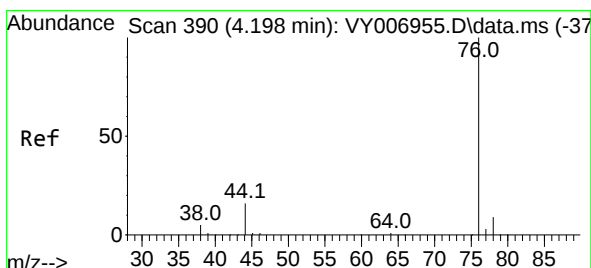
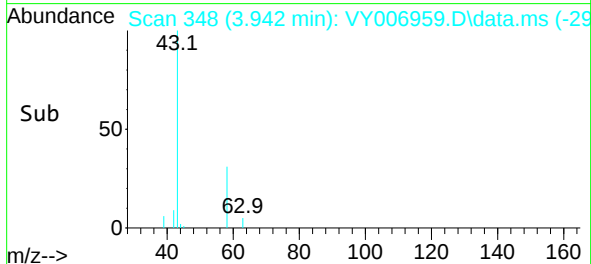
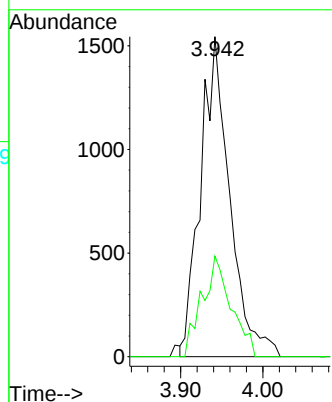
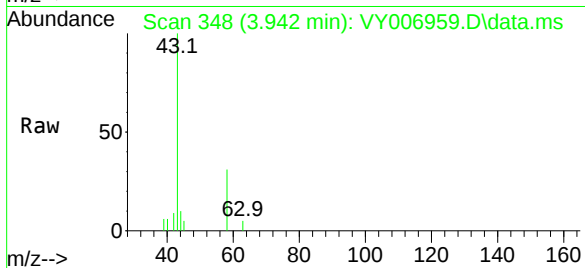
EX899

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

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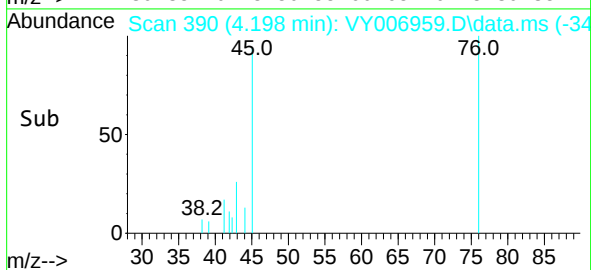
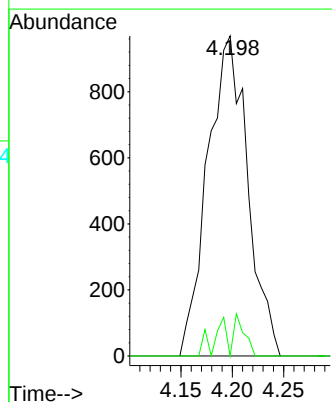
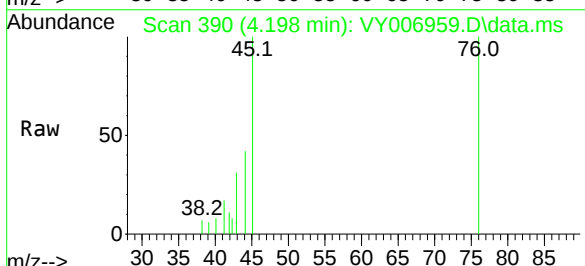
Acq: 06 Dec 2021 14:45

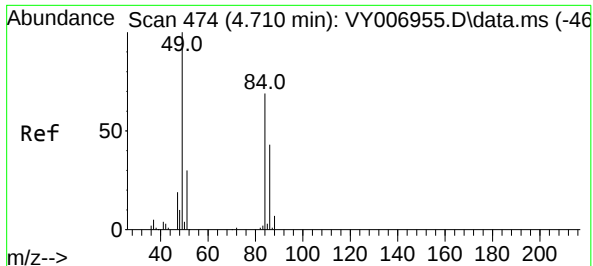
Tgt Ion: 76 Resp: 2619

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#

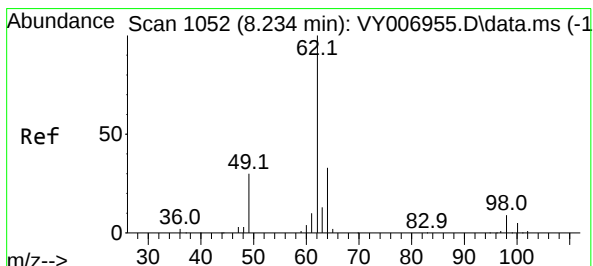
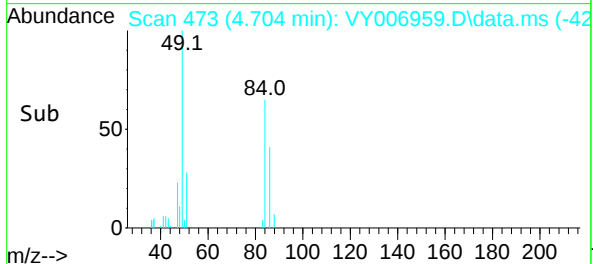
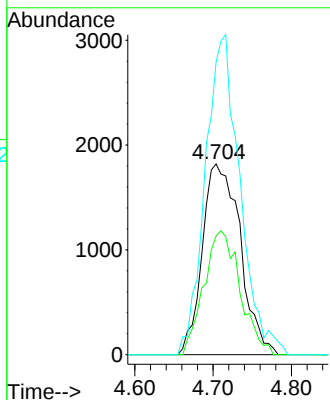
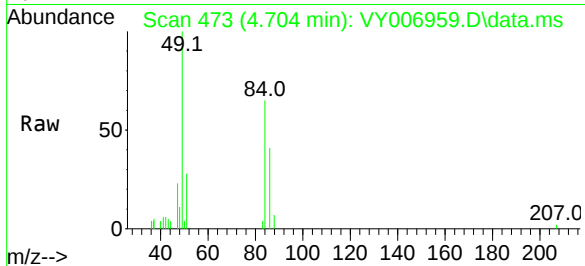




#16
Methylene chloride
Concen: 5.136 ug/L
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006959.D
Acq: 06 Dec 2021 14:45

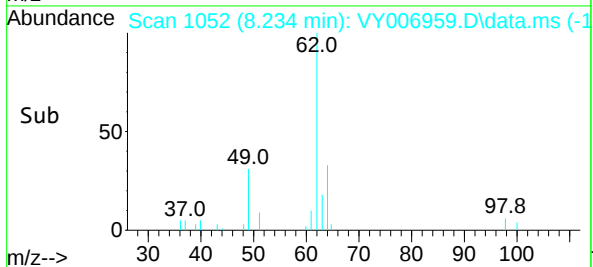
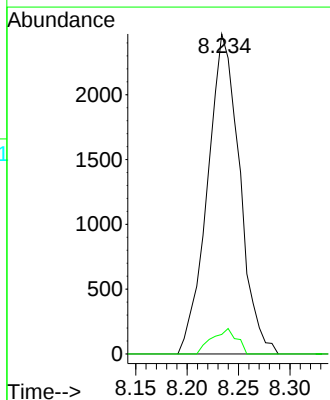
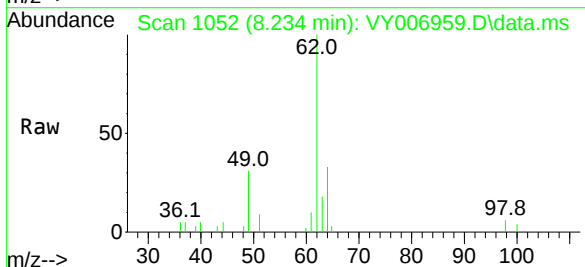
Instrument :
MSVOA_Y
ClientSampleId :
EX899

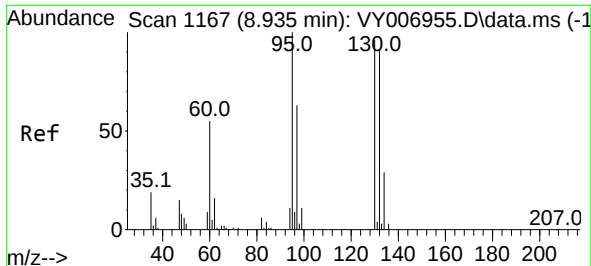
Tgt Ion: 84 Resp: 6113
Ion Ratio Lower Upper
84 100
86 62.3 43.4 80.6
49 153.5 89.1 165.5



#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#

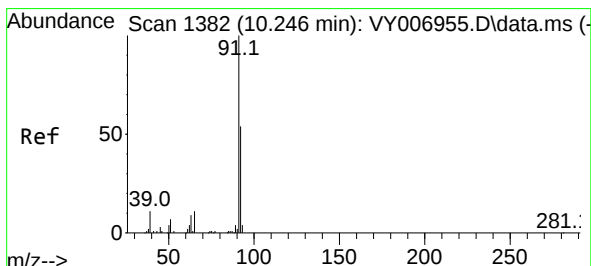
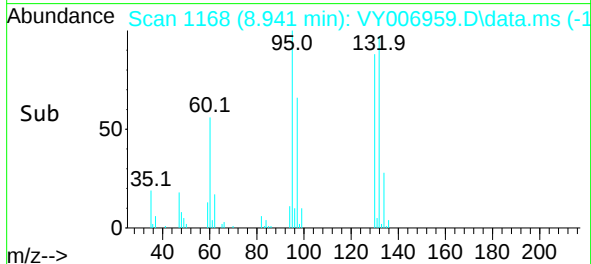
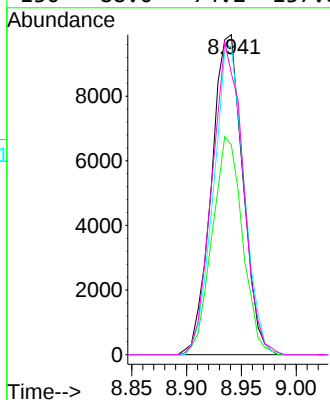
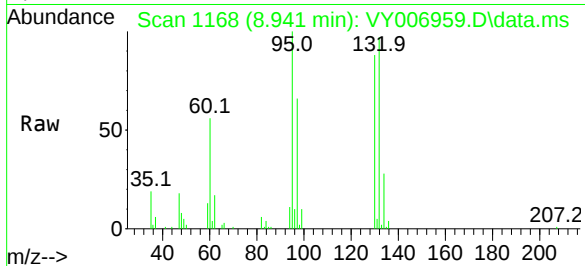




#34
 Trichloroethene
 Concen: 29.679 ug/L
 RT: 8.941 min Scan# 1168
 Delta R.T. 0.006 min
 Lab File: VY006959.D
 Acq: 06 Dec 2021 14:45

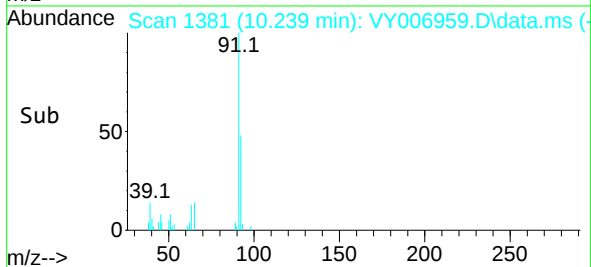
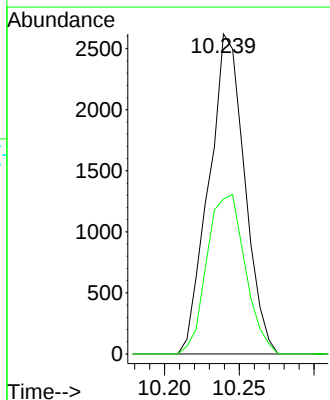
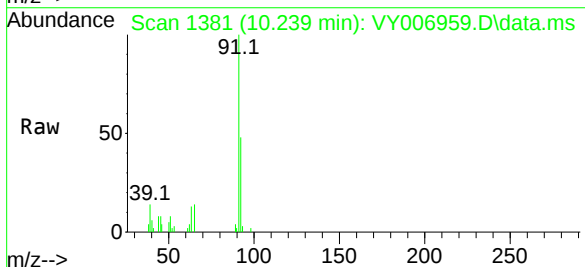
Instrument :
 MSVOA_Y
 ClientSampleId :
 EX899

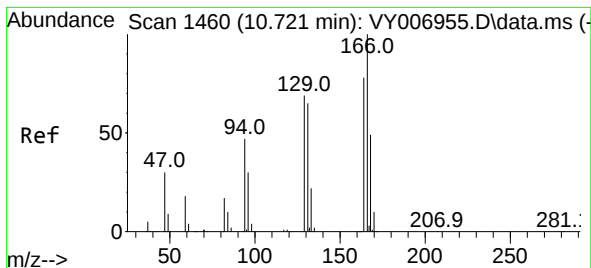
Tgt Ion:	95	Resp:	19681
Ion	Ratio	Lower	Upper
95	100		
97	65.6	47.3	87.8
132	96.7	71.3	132.5
130	88.0	74.2	137.8



#42
 Toluene
 Concen: 1.517 ug/L
 RT: 10.239 min Scan# 1381
 Delta R.T. -0.006 min
 Lab File: VY006959.D
 Acq: 06 Dec 2021 14:45

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# 14

Delta R.T. -0.006 min

Lab File: VY006959.D

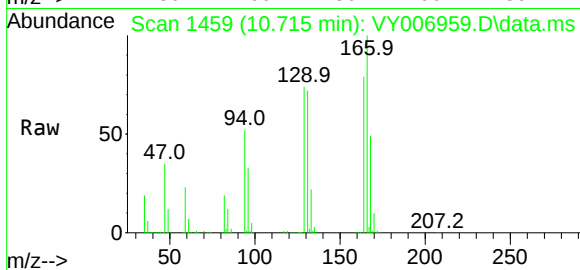
Acq: 06 Dec 2021 14:45

Instrument :

MSVOA_Y

ClientSampleId :

EX899



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

