

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006969.D
 Acq On : 06 Dec 2021 18:25
 Operator : SY/MD
 Sample : M4887-15
 Misc : 4.37g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:48:49 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)

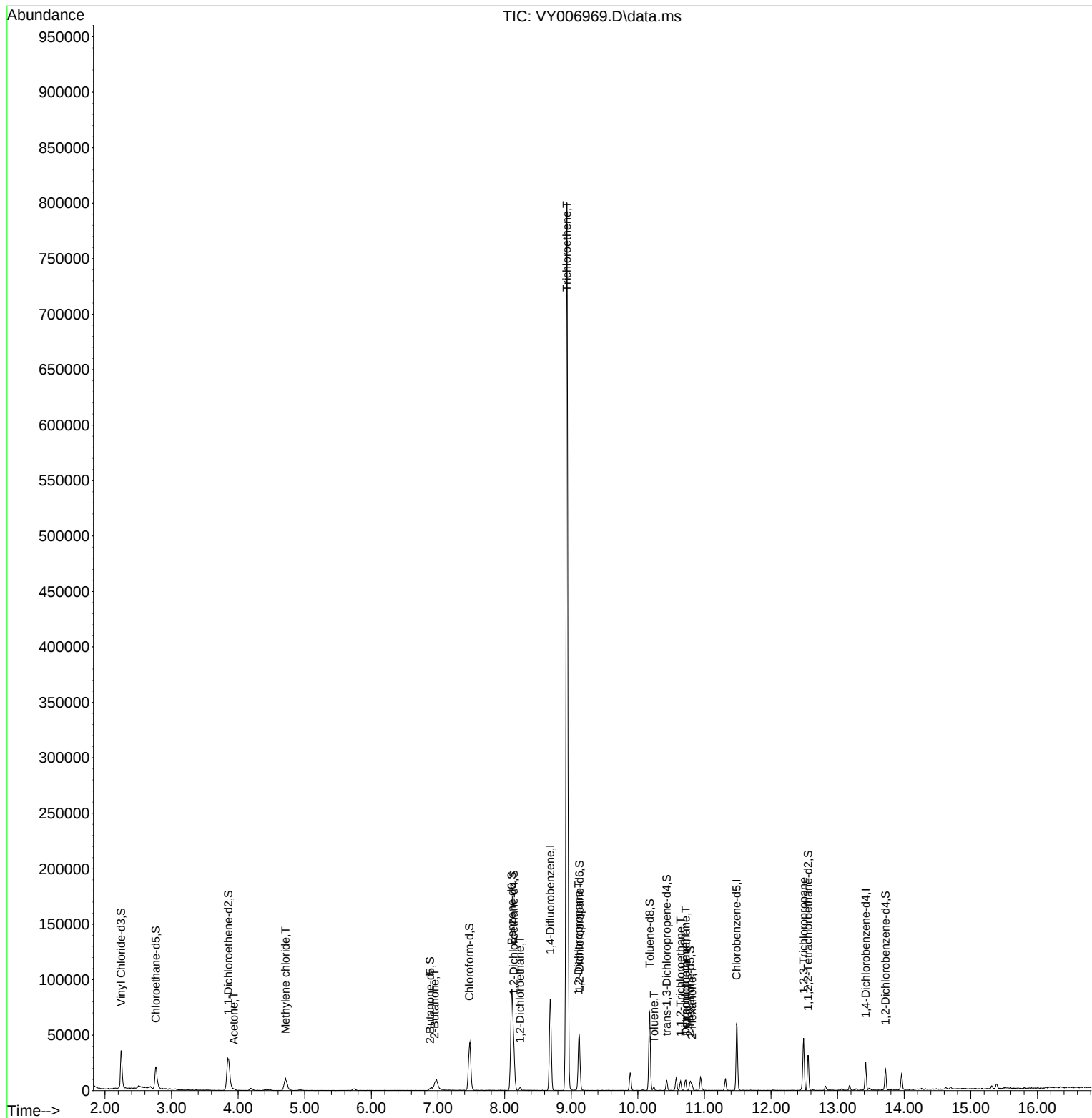
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	65103	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.483	117	29836	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	5626	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.241	65	37027	44.160	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 176.640%#	
7) Chloroethane-d5	2.765	69	24537	37.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 149.200%	
11) 1,1-Dichloroethene-d2	3.851	63	33899	19.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 77.800%	
21) 2-Butanone-d5	6.881	46	2598	8.022	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 16.040%#	
24) Chloroform-d	7.472	84	41857	25.799	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.200%	
26) 1,2-Dichloroethane-d4	8.136	65	22561	23.166	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 92.680%	
32) Benzene-d6	8.106	84	75960	47.928	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 191.720%#	
36) 1,2-Dichloropropane-d6	9.124	67	23255	46.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 186.800%#	
41) Toluene-d8	10.179	98	43345	29.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 116.800%	
43) trans-1,3-Dichloroprop...	10.435	79	4496	18.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 74.680%	
47) 2-Hexanone-d5	10.788	63	2302	19.974	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 39.940%	
56) 1,1,2,2-Tetrachloroeth...	12.556	84	15357	37.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 148.080%#	
66) 1,2-Dichlorobenzene-d4	13.721	152	3974	21.660	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 86.640%	
Target Compounds						
					Qvalue	
13) Acetone	3.936	43	1075	3.622	ug/L	100
16) Methylene chloride	4.710	84	7221	6.185	ug/L	84
22) 2-Butanone	6.948	43	6581	15.851	ug/L #	49
27) 1,2-Dichloroethane	8.234	62	2100	1.628	ug/L #	92
34) Trichloroethene	8.935	95	255230	516.582	ug/L	92
37) 1,2-Dichloropropane	9.112	63	2701	5.253	ug/L #	87
42) Toluene	10.246	91	2296	1.073	ug/L	100
45) 1,1,2-Trichloroethane	10.642	97	2461	6.496	ug/L	92
46) Tetrachloroethene	10.715	164	1886	4.556	ug/L	98
48) 2-Hexanone	10.813	43	3255	10.998	ug/L #	45
49) Dibromochloromethane	10.721	129	1754	3.804	ug/L #	12
61) 1,2,3-Trichloropropane	12.489	75	159	1.163	ug/L #	60

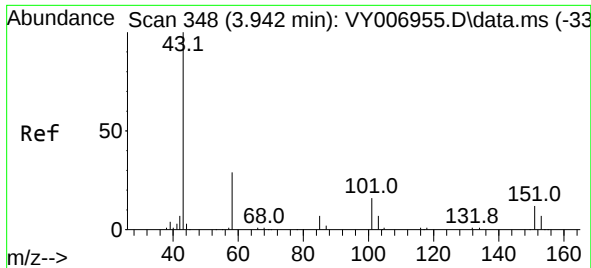
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.622 ug/L

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY006969.D

Acq: 06 Dec 2021 18:25

Instrument :

MSVOA_Y

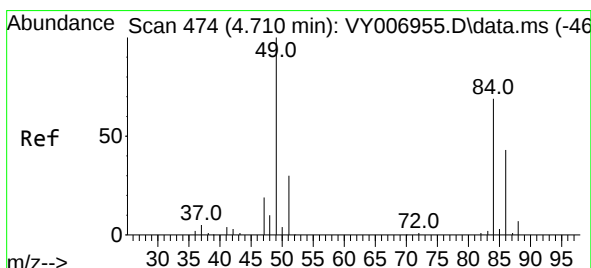
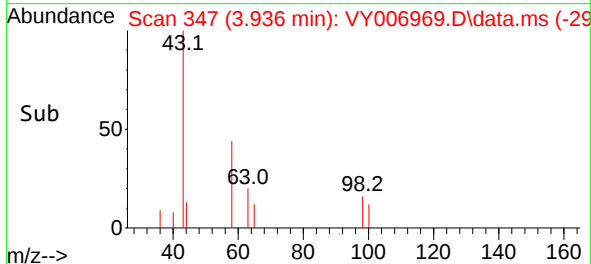
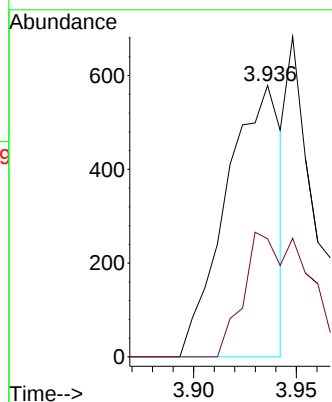
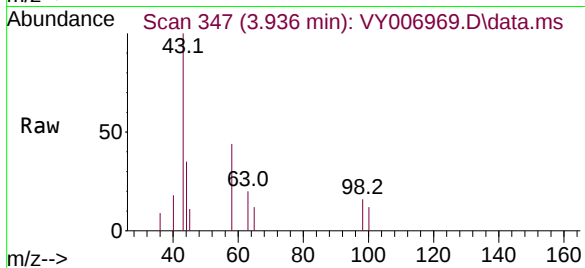
ClientSampleId :

Tgt Ion: 43 Resp: 1075

Ion Ratio Lower Upper

43 100

58 30.6 0.0 60.8



#16

Methylene chloride

Concen: 6.185 ug/L

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY006969.D

Acq: 06 Dec 2021 18:25

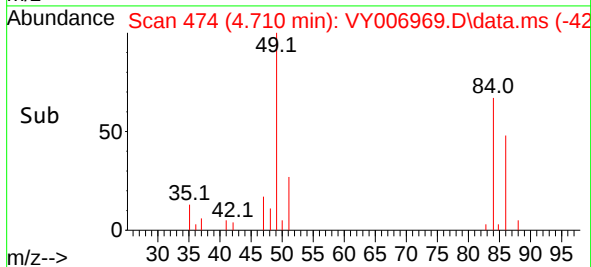
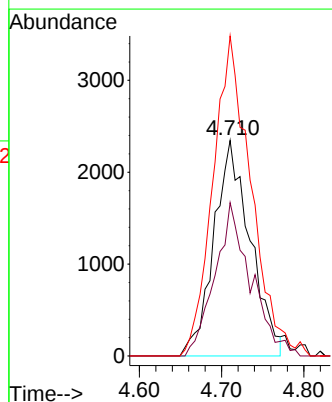
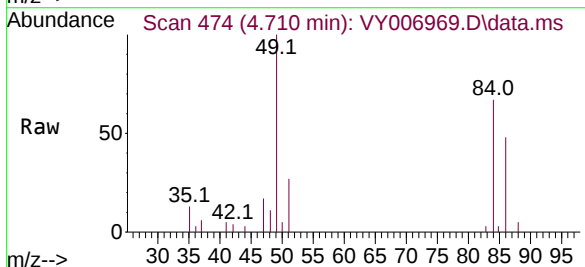
Tgt Ion: 84 Resp: 7221

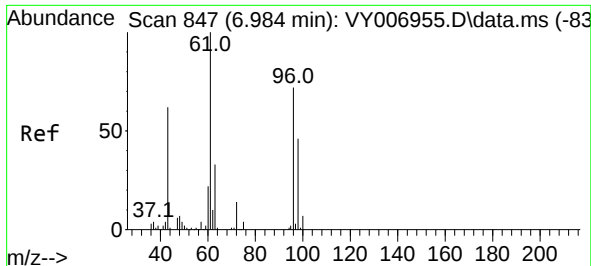
Ion Ratio Lower Upper

84 100

86 71.1 43.4 80.6

49 148.5 89.1 165.5





#22

2-Butanone

Concen: 15.851 ug/L

RT: 6.948 min Scan# 84

Delta R.T. -0.037 min

Lab File: VY006969.D

Acq: 06 Dec 2021 18:25

Instrument :

MSVOA_Y

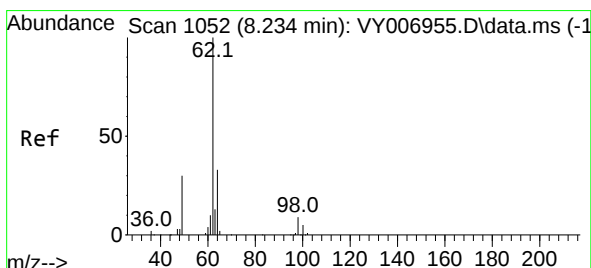
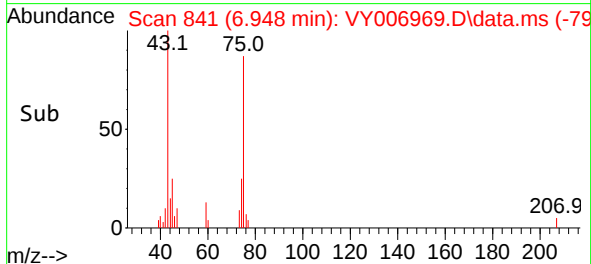
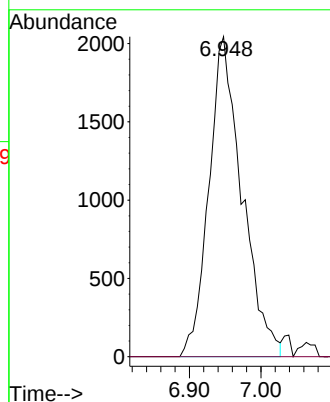
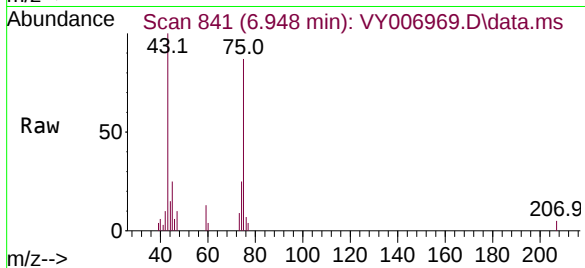
ClientSampleId :

Tgt Ion: 43 Resp: 6581

Ion Ratio Lower Upper

43 100

72 0.0 12.9 38.6#



#27

1,2-Dichloroethane

Concen: 1.628 ug/L

RT: 8.234 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VY006969.D

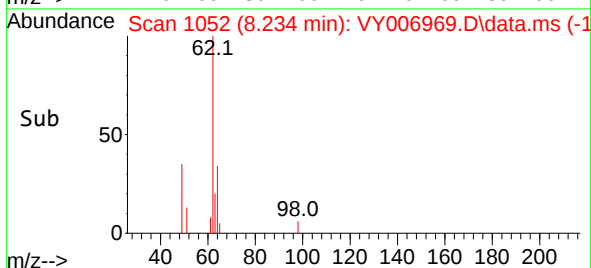
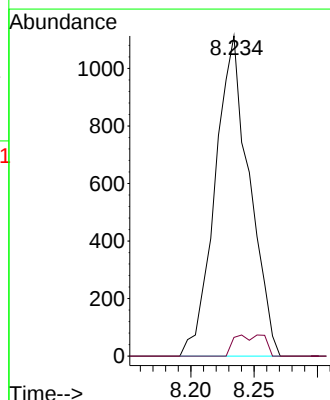
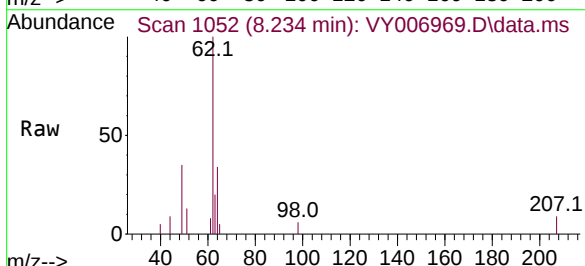
Acq: 06 Dec 2021 18:25

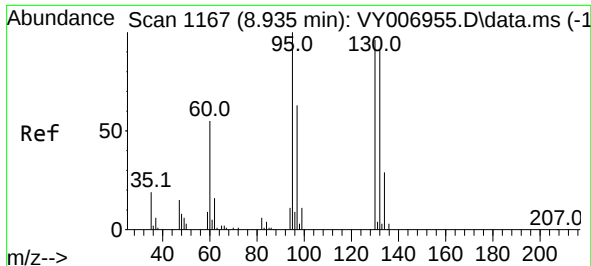
Tgt Ion: 62 Resp: 2100

Ion Ratio Lower Upper

62 100

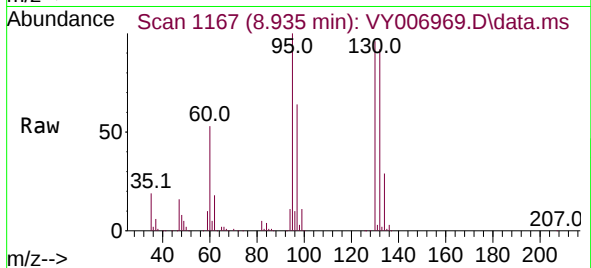
98 5.8 6.9 10.3#



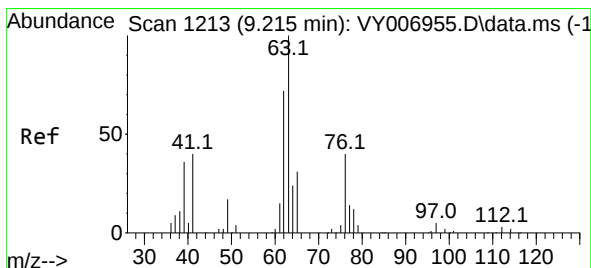
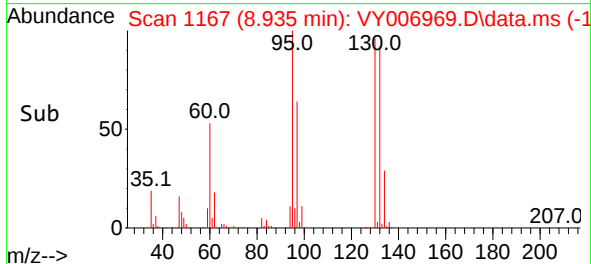
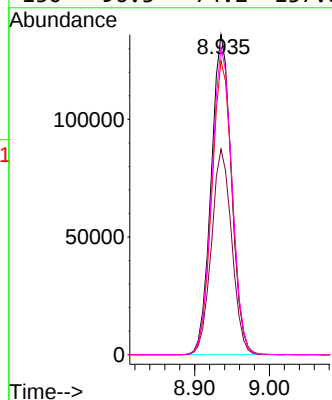


#34
Trichloroethene
Concen: 516.582 ug/L
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY006969.D
Acq: 06 Dec 2021 18:25

Instrument :
MSVOA_Y
ClientSampleId :

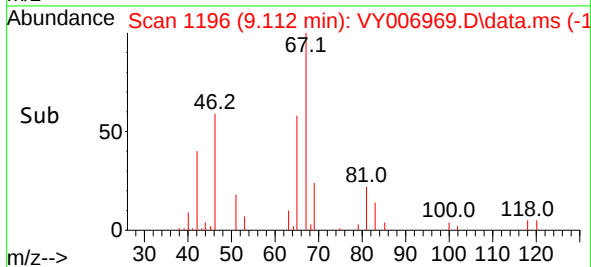
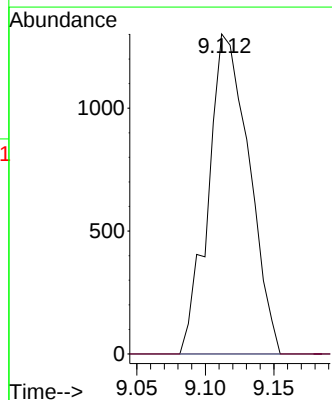
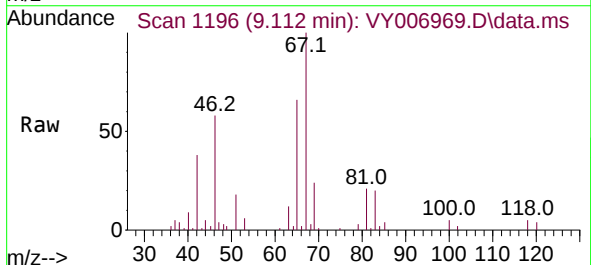


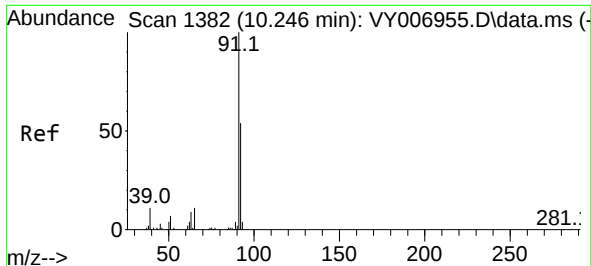
Tgt Ion: 95 Resp: 255230
Ion Ratio Lower Upper
95 100
97 64.2 47.3 87.8
132 91.9 71.3 132.5
130 96.3 74.2 137.8



#37
1,2-Dichloropropane
Concen: 5.253 ug/L
RT: 9.112 min Scan# 1196
Delta R.T. -0.104 min
Lab File: VY006969.D
Acq: 06 Dec 2021 18:25

Tgt Ion: 63 Resp: 2701
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

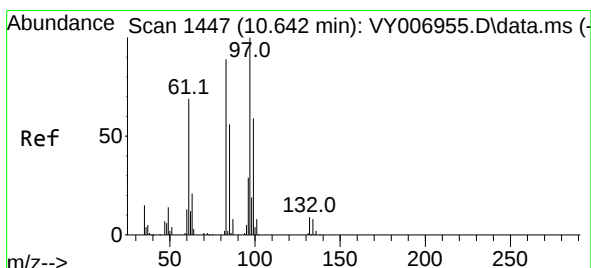
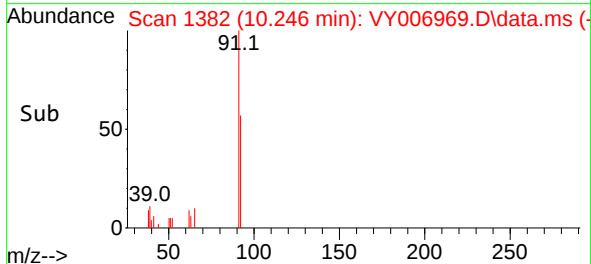
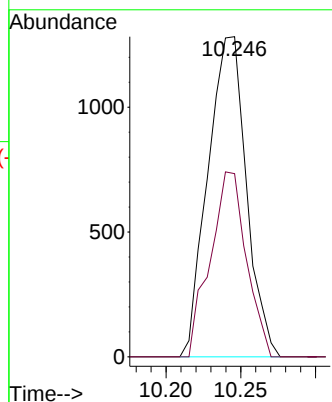
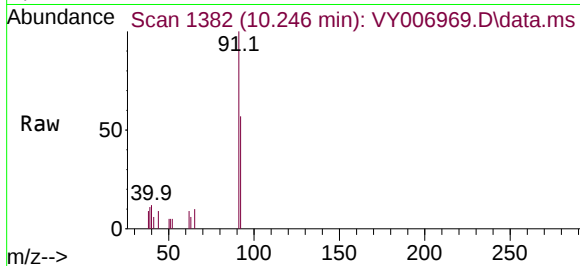




#42
Toluene
Concen: 1.073 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006969.D
Acq: 06 Dec 2021 18:25

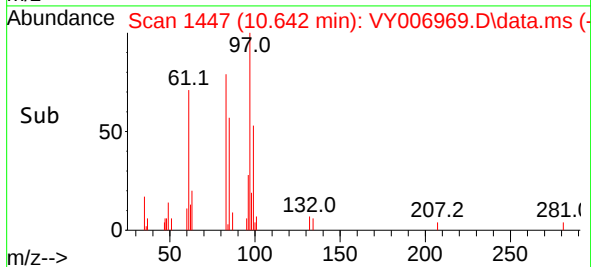
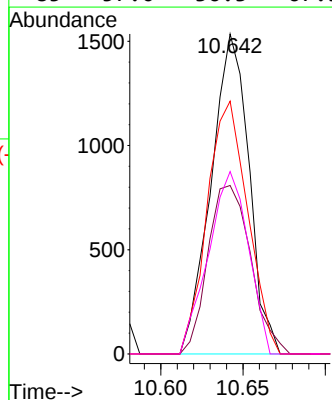
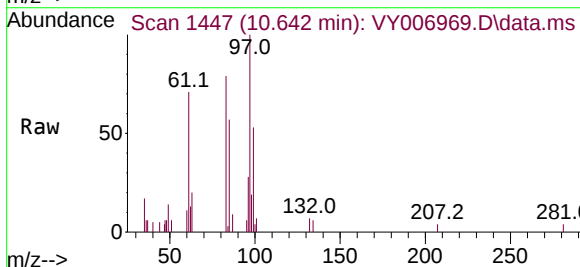
Instrument :
MSVOA_Y
ClientSampleId :

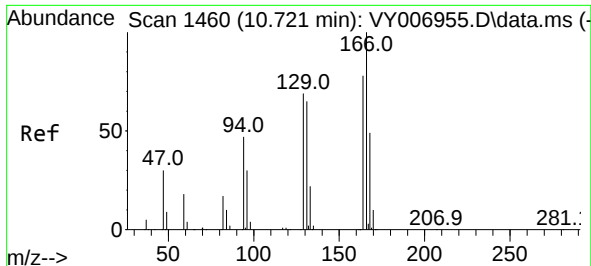
Tgt Ion: 91 Resp: 2296
Ion Ratio Lower Upper
91 100
92 57.2 39.8 74.0



#45
1,1,2-Trichloroethane
Concen: 6.496 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY006969.D
Acq: 06 Dec 2021 18:25

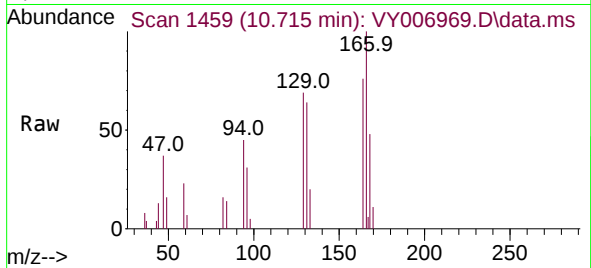
Tgt Ion: 97 Resp: 2461
Ion Ratio Lower Upper
97 100
99 52.6 43.0 79.8
83 79.0 58.9 109.3
85 57.0 36.3 67.3



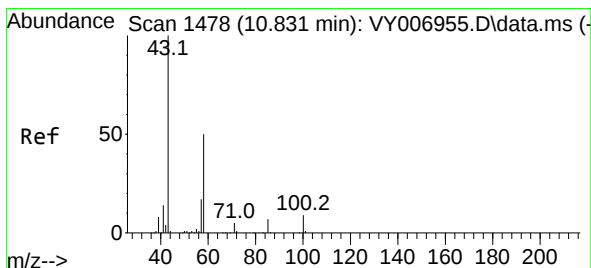
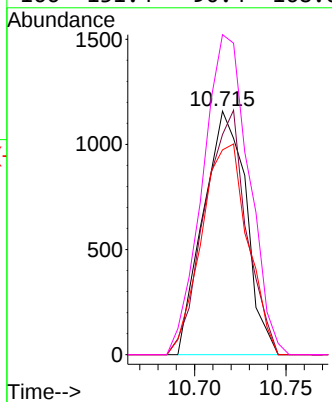
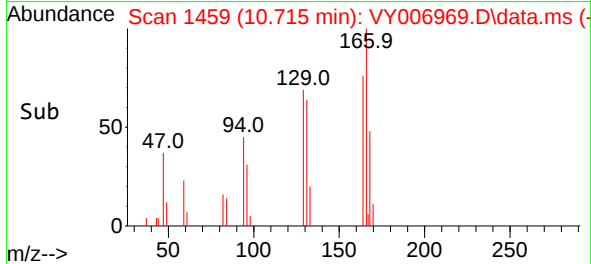


#46
Tetrachloroethene
Concen: 4.556 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006969.D
Acq: 06 Dec 2021 18:25

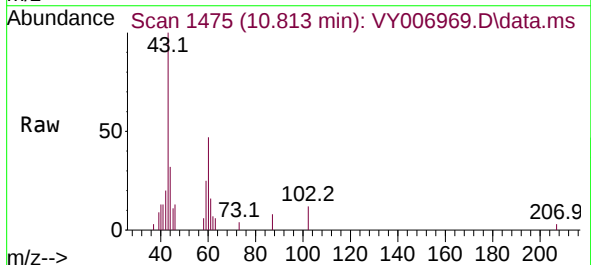
Instrument :
MSVOA_Y
ClientSampleId :



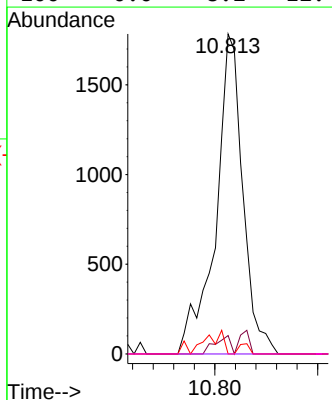
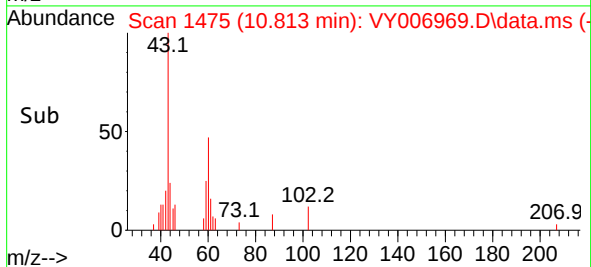
Tgt Ion:	164	Resp:	1886
Ion	Ratio	Lower	Upper
164	100		
129	90.4	62.1	115.3
131	84.1	61.0	113.2
166	131.4	90.4	168.0

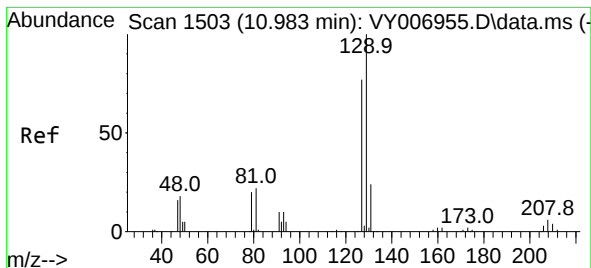


#48
2-Hexanone
Concen: 10.998 ug/L
RT: 10.813 min Scan# 1475
Delta R.T. -0.018 min
Lab File: VY006969.D
Acq: 06 Dec 2021 18:25



Tgt Ion:	43	Resp:	3255
Ion	Ratio	Lower	Upper
43	100		
58	3.2	39.9	59.9#
57	1.5	14.2	21.4#
100	0.0	8.2	12.4#





#49

Dibromochloromethane

Concen: 3.804 ug/L

RT: 10.721 min Scan# 14

Delta R.T. -0.262 min

Lab File: VY006969.D

Acq: 06 Dec 2021 18:25

Instrument :

MSVOA_Y

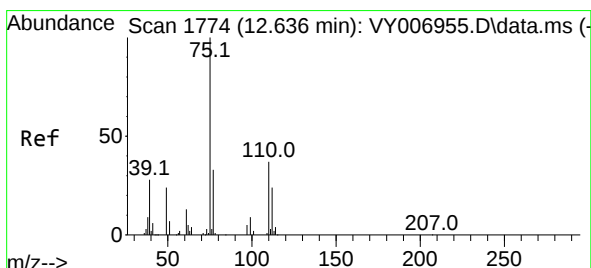
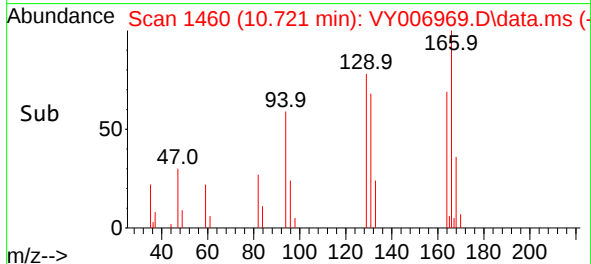
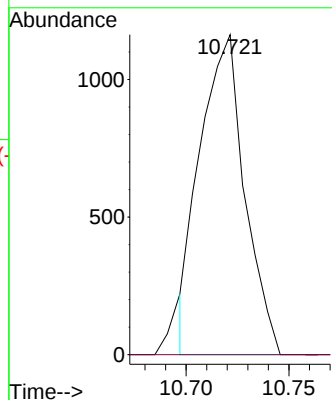
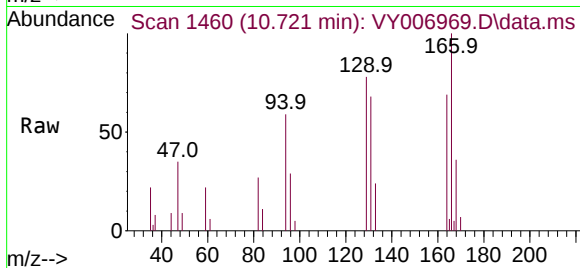
ClientSampleId :

Tgt Ion:129 Resp: 1754

Ion Ratio Lower Upper

129 100

127 0.0 52.1 96.9#



#61

1,2,3-Trichloropropane

Concen: 1.163 ug/L

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY006969.D

Acq: 06 Dec 2021 18:25

Tgt Ion: 75 Resp: 159

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

110 23.9 31.7 47.5#

