

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006968.D
 Acq On : 06 Dec 2021 18:03
 Operator : SY/MD
 Sample : M4887-14
 Misc : 3.73g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:48:38 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)

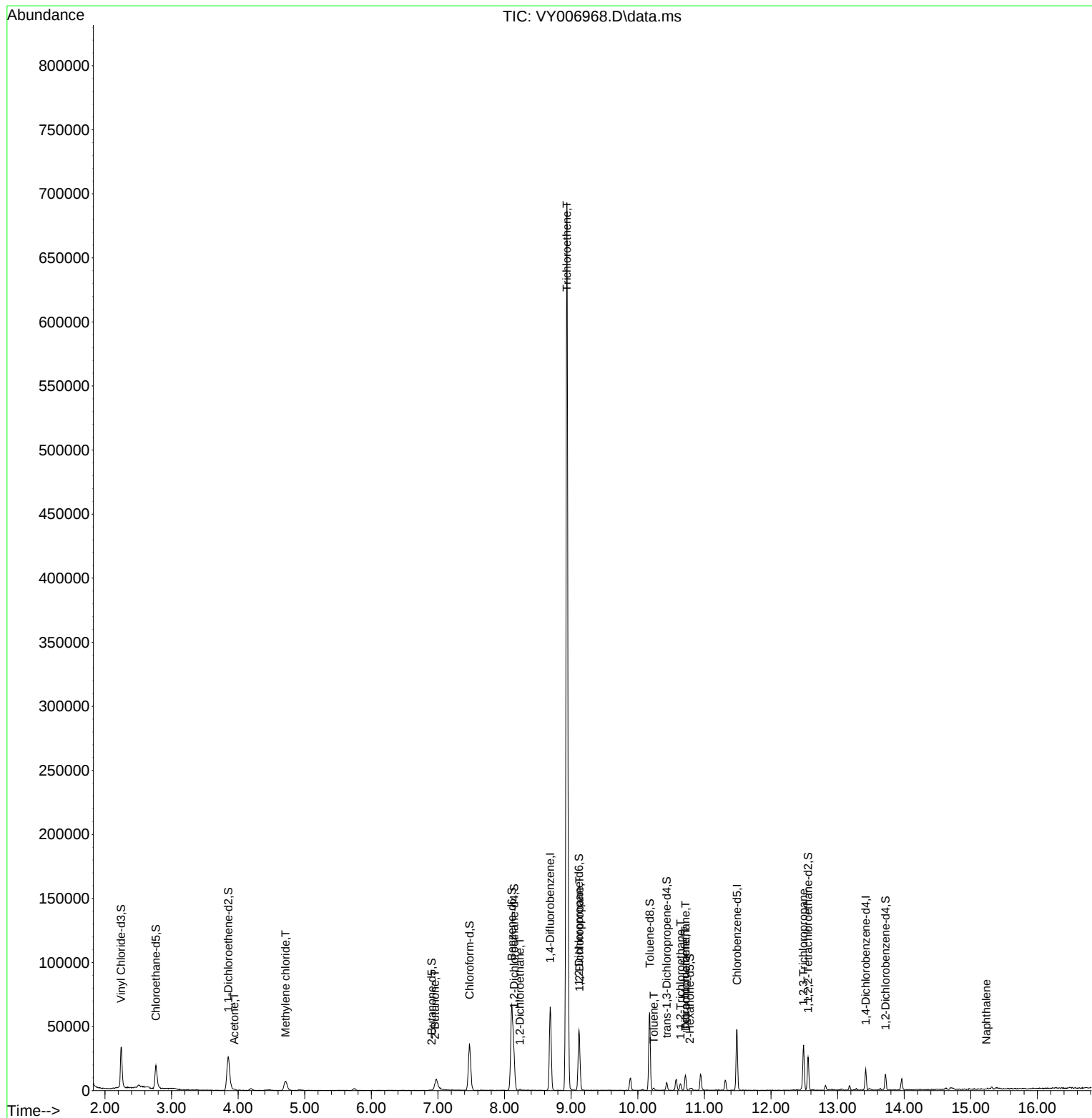
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	50758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	23840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	3476	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.241	65	35050	53.616	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 214.480%#	
7) Chloroethane-d5	2.766	69	21688	42.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 169.160%#	
11) 1,1-Dichloroethene-d2	3.851	63	29931	22.024	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 88.080%	
21) 2-Butanone-d5	6.905	46	145	0.574	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 1.140%#	
24) Chloroform-d	7.472	84	34345	27.151	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.600%	
26) 1,2-Dichloroethane-d4	8.143	65	19726	25.980	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.920%	
32) Benzene-d6	8.106	84	58802	46.434	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 185.720%#	
36) 1,2-Dichloropropane-d6	9.118	67	21826	54.855	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 219.400%#	
41) Toluene-d8	10.179	98	38040	32.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 128.280%	
43) trans-1,3-Dichloroprop...	10.435	79	3351	17.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 69.640%	
47) 2-Hexanone-d5	10.782	63	494	5.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 10.720%#	
56) 1,1,2,2-Tetrachloroeth...	12.556	84	12338	37.220	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 148.880%#	
66) 1,2-Dichlorobenzene-d4	13.721	152	3105	27.392	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 109.560%	
Target Compounds						Qvalue
13) Acetone	3.942	43	958	4.140	ug/L	67
16) Methylene chloride	4.710	84	5345	5.872	ug/L	88
22) 2-Butanone	6.954	43	1958	6.049	ug/L #	49
27) 1,2-Dichloroethane	8.228	62	709	0.705	ug/L #	76
34) Trichloroethene	8.935	95	220019	557.317	ug/L	92
37) 1,2-Dichloropropane	9.124	63	2555	6.219	ug/L #	87
42) Toluene	10.240	91	1367	0.799	ug/L	92
45) 1,1,2-Trichloroethane	10.642	97	1679	5.547	ug/L #	86
46) Tetrachloroethene	10.715	164	2498	7.552	ug/L	87
49) Dibromochloromethane	10.715	129	2058	5.586	ug/L #	12
61) 1,2,3-Trichloropropane	12.483	75	242	2.864	ug/L #	53
71) Naphthalene	15.233	128	287	1.140	ug/L #	69

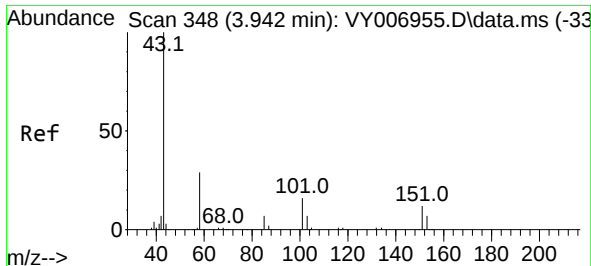
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.140 ug/L

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY006968.D

Acq: 06 Dec 2021 18:03

Instrument :

MSVOA_Y

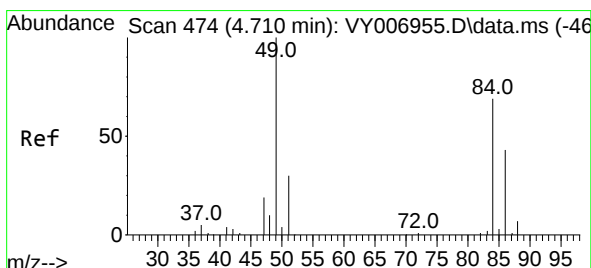
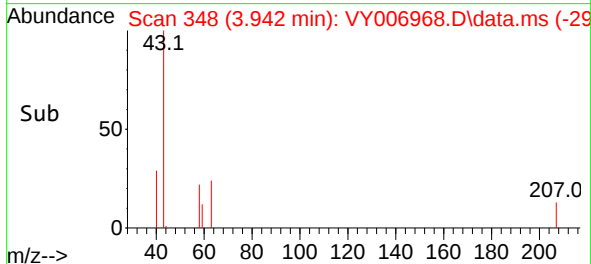
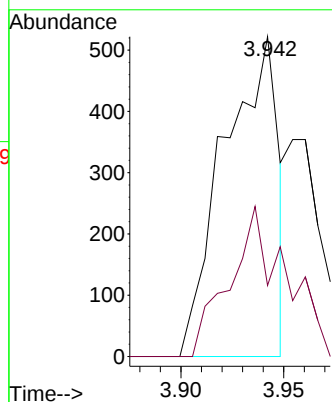
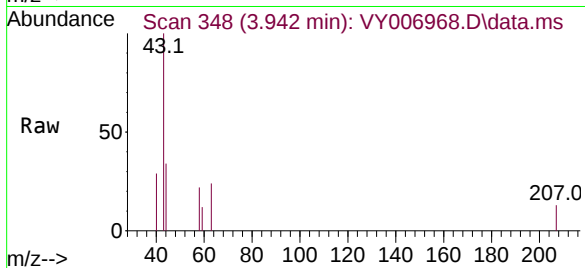
ClientSampleId :

Tgt Ion: 43 Resp: 958

Ion Ratio Lower Upper

43 100

58 48.6 0.0 60.8



#16

Methylene chloride

Concen: 5.872 ug/L

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY006968.D

Acq: 06 Dec 2021 18:03

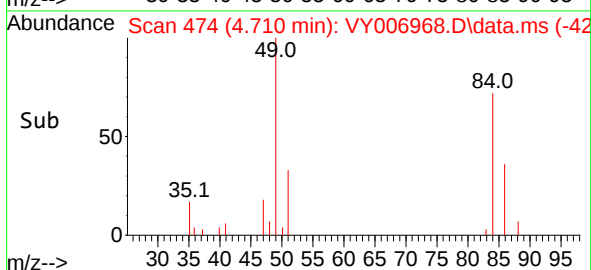
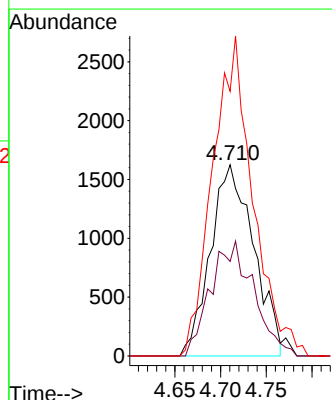
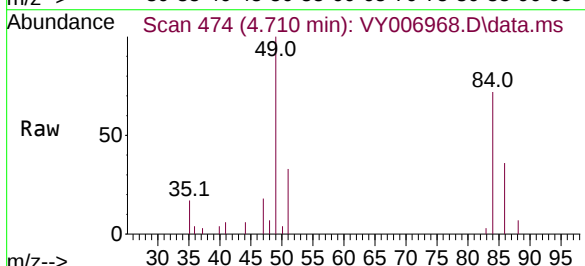
Tgt Ion: 84 Resp: 5345

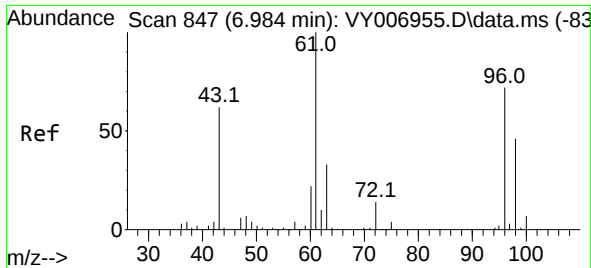
Ion Ratio Lower Upper

84 100

86 49.5 43.4 80.6

49 138.4 89.1 165.5

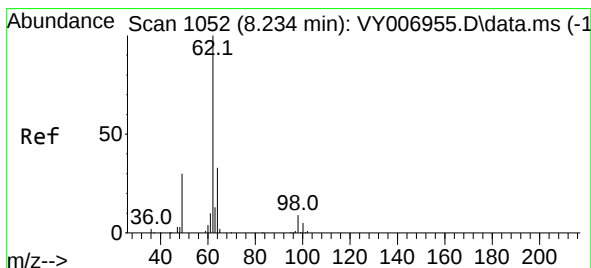
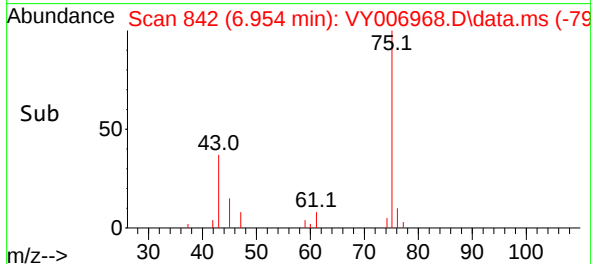
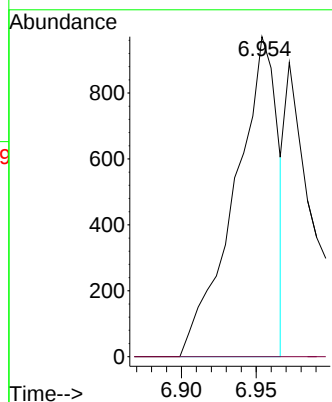
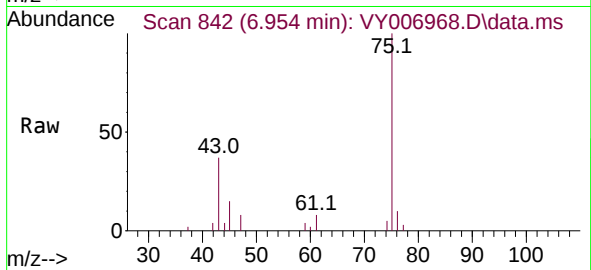




#22
2-Butanone
Concen: 6.049 ug/L
RT: 6.954 min Scan# 84
Delta R.T. -0.030 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

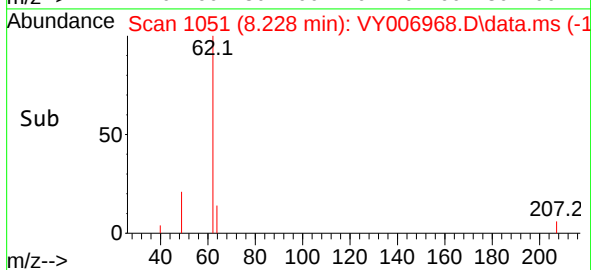
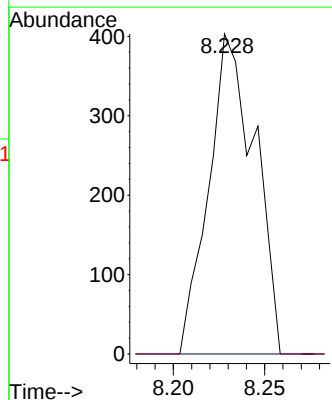
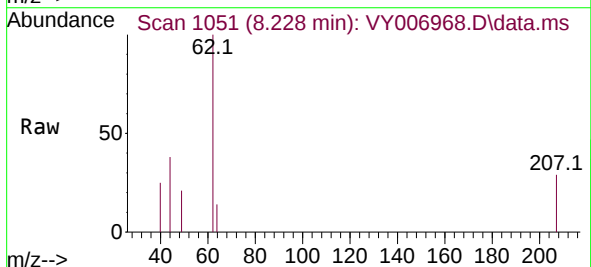
Instrument :
MSVOA_Y
ClientSampleId :

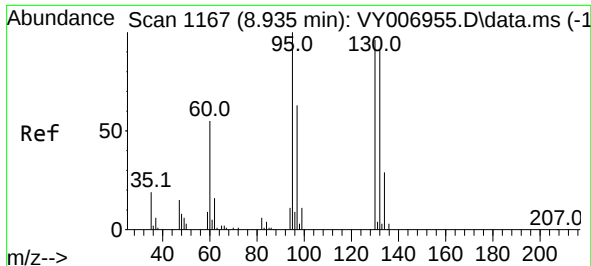
Tgt Ion: 43 Resp: 1958
Ion Ratio Lower Upper
43 100
72 0.0 12.9 38.6#



#27
1,2-Dichloroethane
Concen: 0.705 ug/L
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

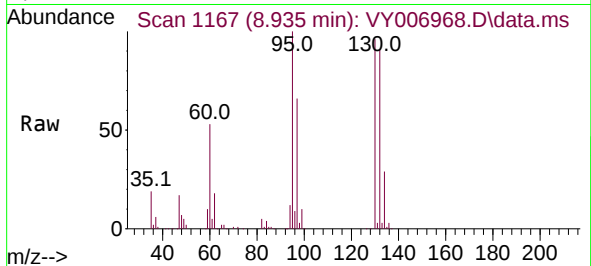
Tgt Ion: 62 Resp: 709
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#



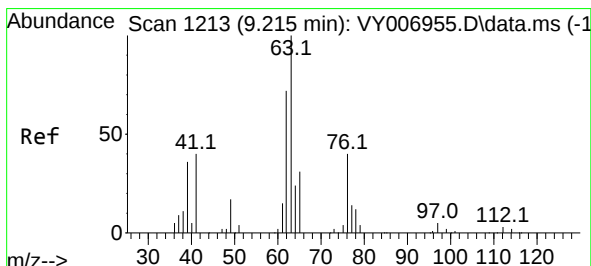
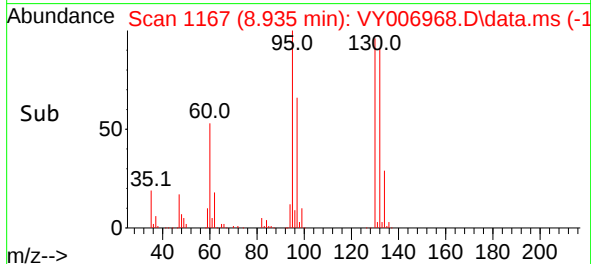
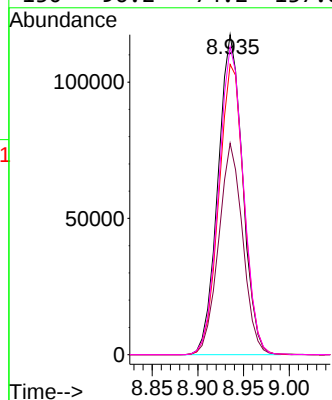


#34
Trichloroethene
Concen: 557.317 ug/L
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

Instrument :
MSVOA_Y
ClientSampleId :

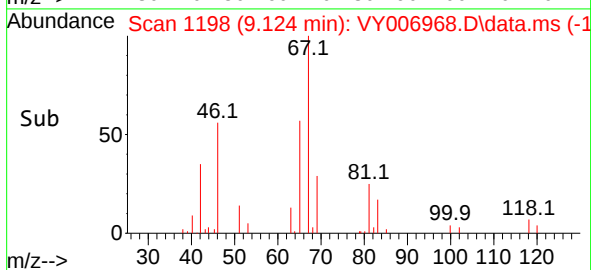
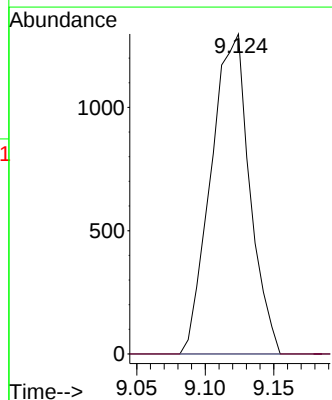
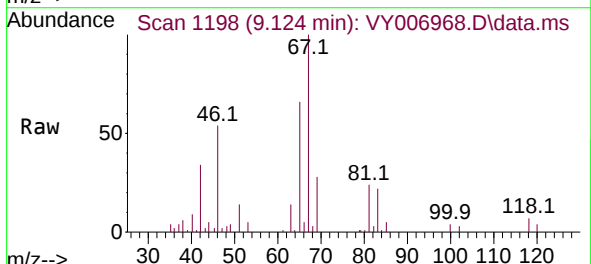


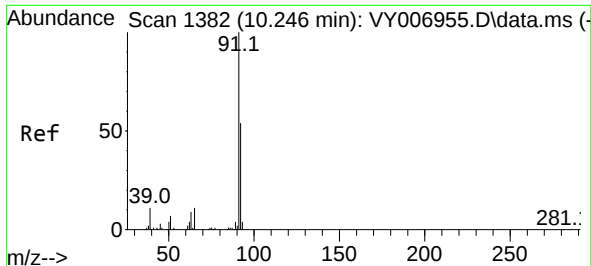
Tgt Ion: 95 Resp: 220019
Ion Ratio Lower Upper
95 100
97 66.0 47.3 87.8
132 90.7 71.3 132.5
130 96.2 74.2 137.8



#37
1,2-Dichloropropane
Concen: 6.219 ug/L
RT: 9.124 min Scan# 1198
Delta R.T. -0.091 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

Tgt Ion: 63 Resp: 2555
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

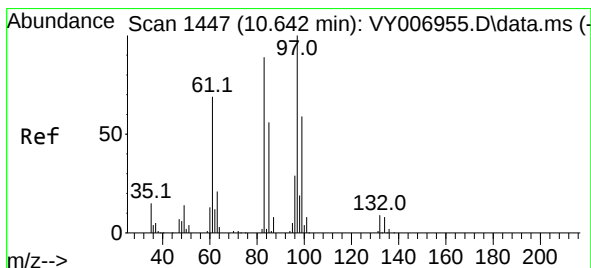
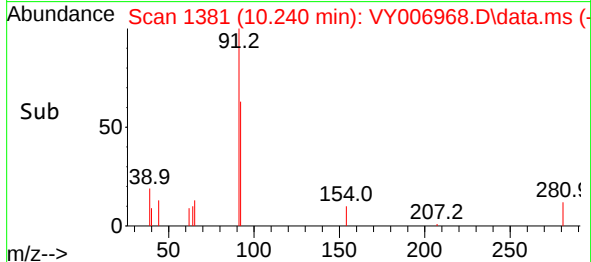
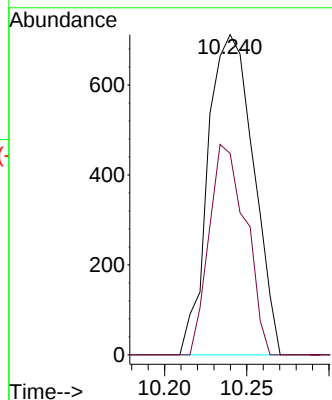
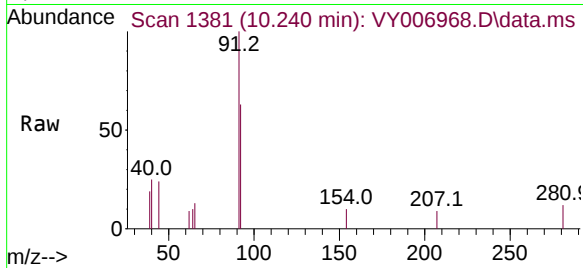




#42
Toluene
Concen: 0.799 ug/L
RT: 10.240 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

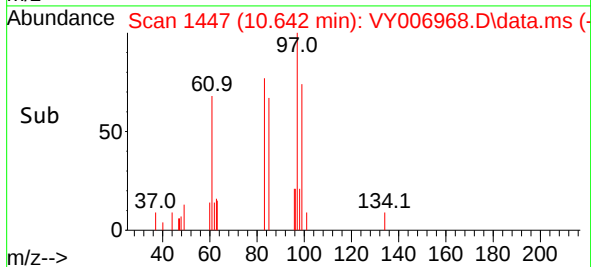
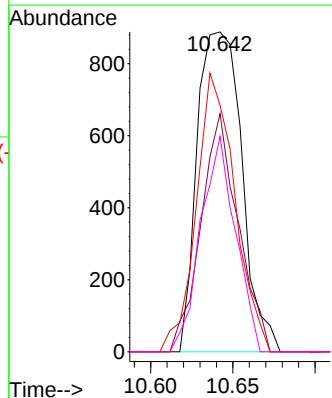
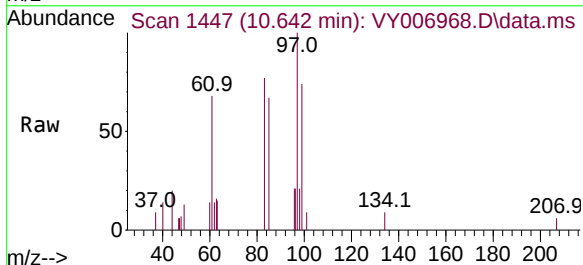
Instrument :
MSVOA_Y
ClientSampleId :

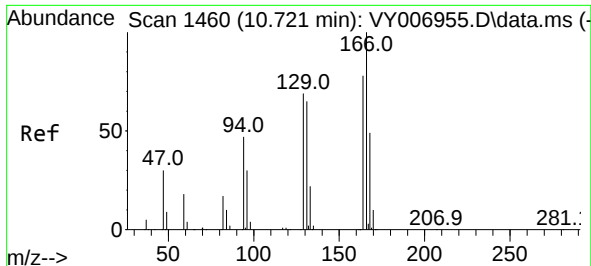
Tgt Ion: 91 Resp: 1367
Ion Ratio Lower Upper
91 100
92 62.9 39.8 74.0



#45
1,1,2-Trichloroethane
Concen: 5.547 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

Tgt Ion: 97 Resp: 1679
Ion Ratio Lower Upper
97 100
99 74.4 43.0 79.8
83 77.1 58.9 109.3
85 67.3 36.3 67.3#

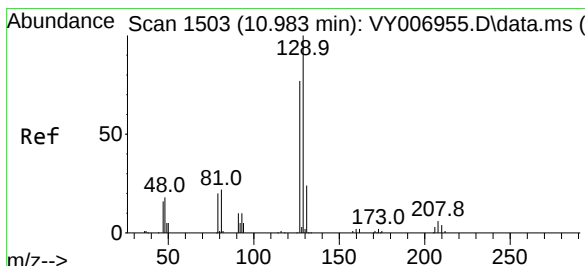
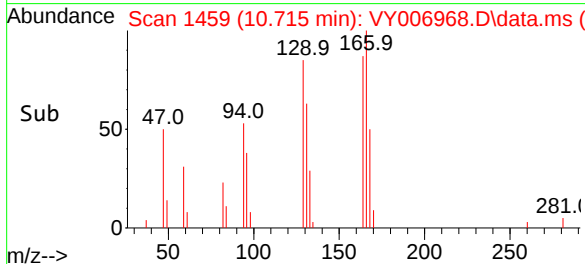
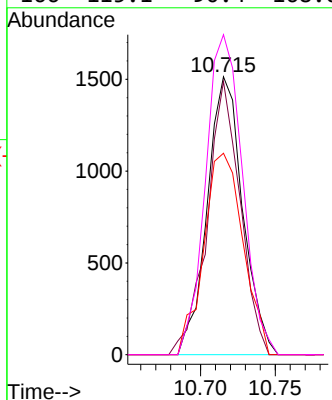
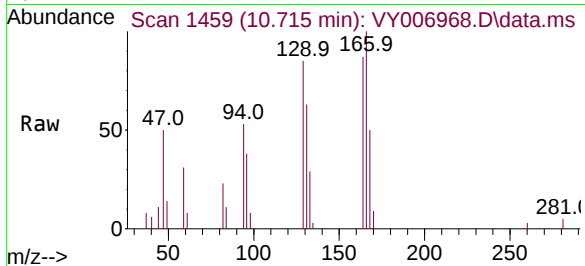




#46
Tetrachloroethene
Concen: 7.552 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

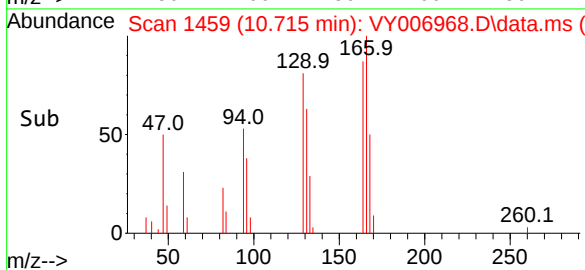
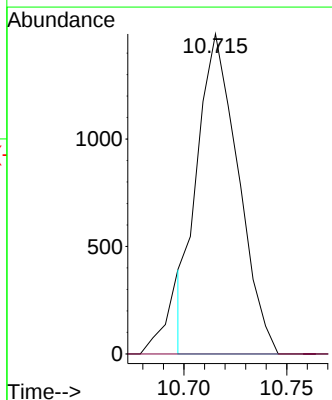
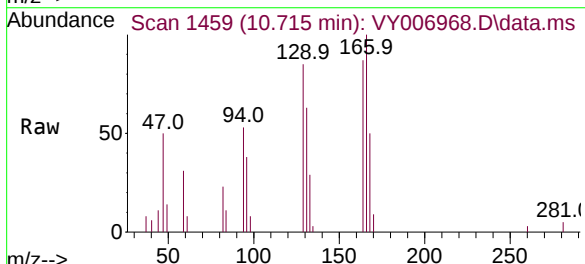
Instrument :
MSVOA_Y
ClientSampleId :

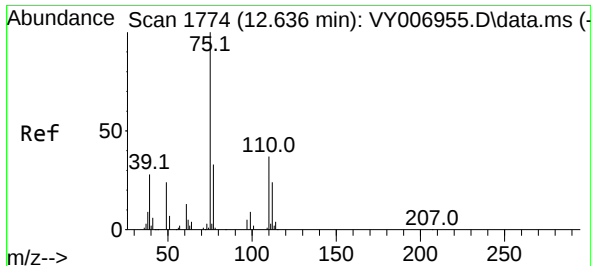
Tgt Ion:164	Resp:	2498
Ion	Ratio	Lower Upper
164	100	
129	98.3	62.1 115.3
131	72.5	61.0 113.2
166	115.1	90.4 168.0



#49
Dibromochloromethane
Concen: 5.586 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.268 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

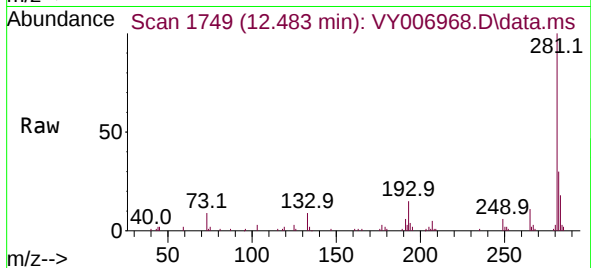
Tgt Ion:129	Resp:	2058
Ion	Ratio	Lower Upper
129	100	
127	0.0	52.1 96.9#



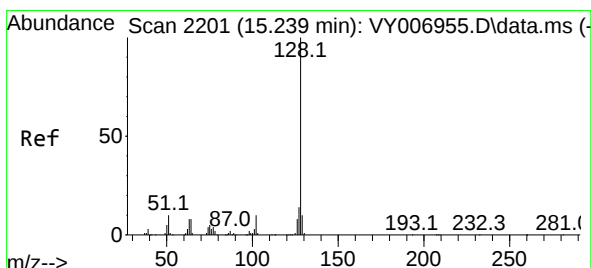
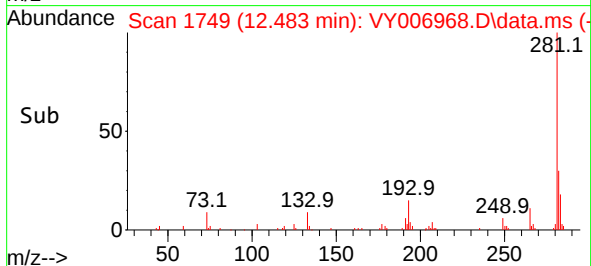
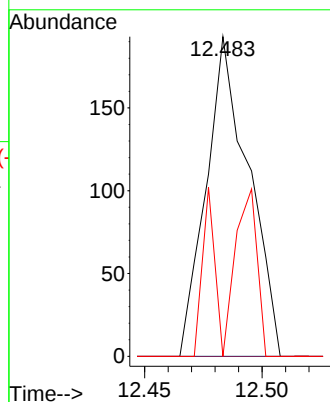


#61
1,2,3-Trichloropropane
Concen: 2.864 ug/L
RT: 12.483 min Scan# 11
Delta R.T. -0.152 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

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Tgt Ion: 75 Resp: 242
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
110 15.3 31.7 47.5#



#71
Naphthalene
Concen: 1.140 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

Tgt Ion: 128 Resp: 287
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.7 13.1#

