

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006960.D
 Acq On : 06 Dec 2021 15:07
 Operator : SY/MD
 Sample : M4887-03
 Misc : 5.91g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:47:04 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)

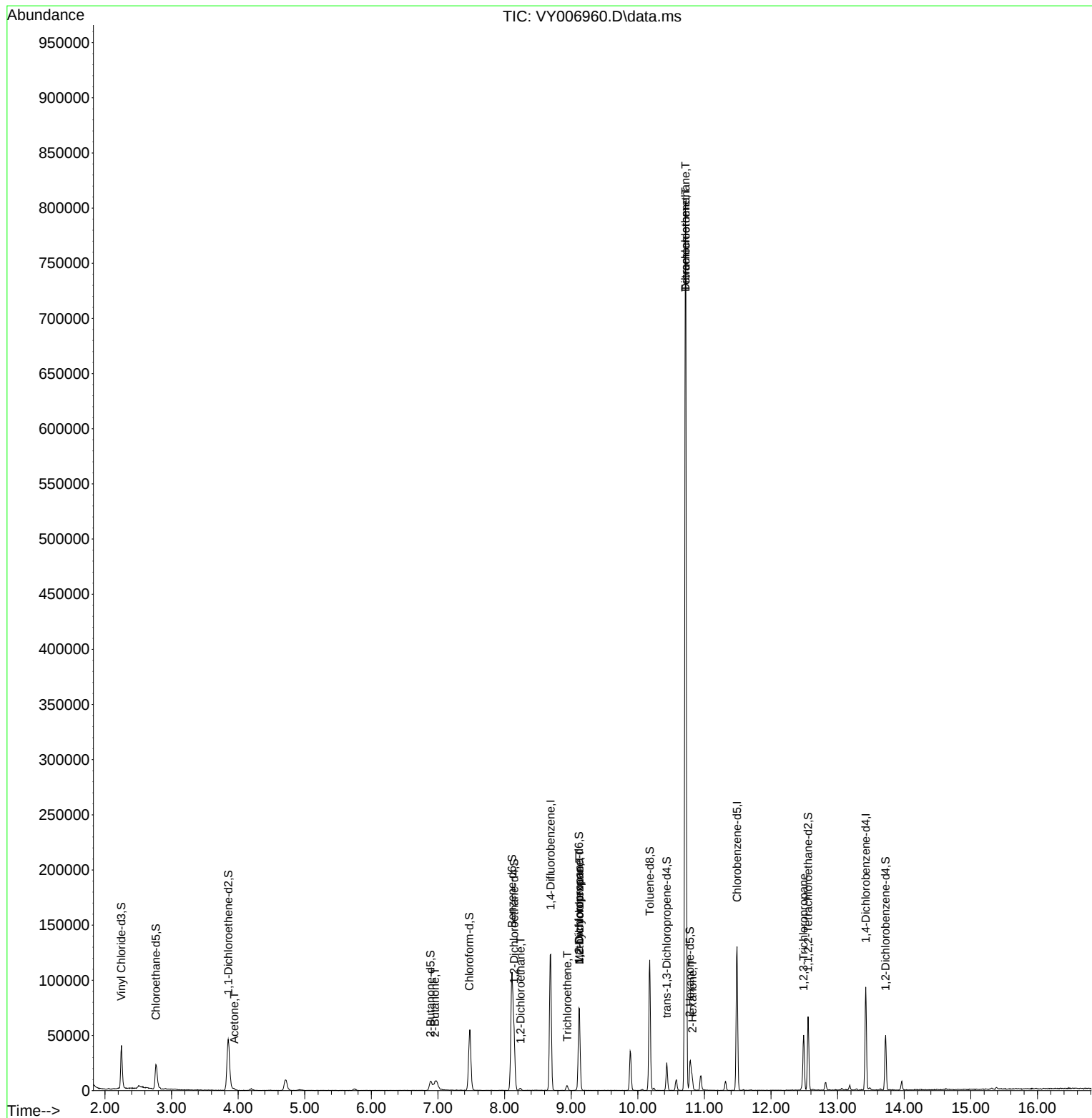
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	97288	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	63545	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	21439	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	39413	31.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.840%
7) Chloroethane-d5	2.765	69	28120	28.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.440%
11) 1,1-Dichloroethene-d2	3.850	63	48436	18.594	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.360%
21) 2-Butanone-d5	6.887	46	14299	29.546	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.100%
24) Chloroform-d	7.472	84	52228	21.541	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.160%
26) 1,2-Dichloroethane-d4	8.142	65	35747	24.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.112	84	95209	28.206	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.840%
36) 1,2-Dichloropropane-d6	9.118	67	34635	32.657	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.640%#
41) Toluene-d8	10.179	98	72026	22.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	10.435	79	12094	23.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.320%
47) 2-Hexanone-d5	10.782	63	8412	34.270	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.540%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	30509	34.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.120%#
66) 1,2-Dichlorobenzene-d4	13.721	152	11207	16.030	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.120%#
Target Compounds						Qvalue
13) Acetone	3.942	43	1964	4.428	ug/L	74
22) 2-Butanone	6.954	43	8658	13.955	ug/L #	52
27) 1,2-Dichloroethane	8.240	62	1707	0.886	ug/L	99
34) Trichloroethene	8.941	95	1557	1.480	ug/L #	71
35) Methylcyclohexane	9.124	83	7446	3.949	ug/L #	17
37) 1,2-Dichloropropane	9.124	63	3842	3.508	ug/L #	87
46) Tetrachloroethene	10.715	164	154613	175.374	ug/L	97
48) 2-Hexanone	10.819	43	8035	12.747	ug/L #	42
49) Dibromochloromethane	10.715	129	137060	139.580	ug/L #	13
61) 1,2,3-Trichloropropane	12.489	75	418	0.802	ug/L #	54

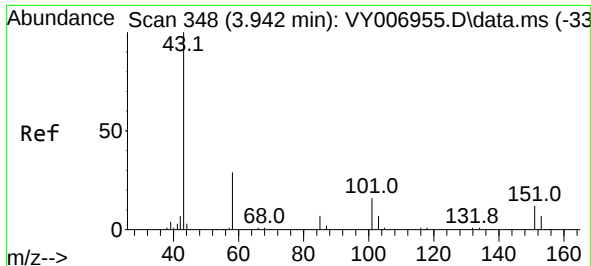
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006960.D
Acq On : 06 Dec 2021 15:07
Operator : SY/MD
Sample : M4887-03
Misc : 5.91g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 07 00:47:04 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

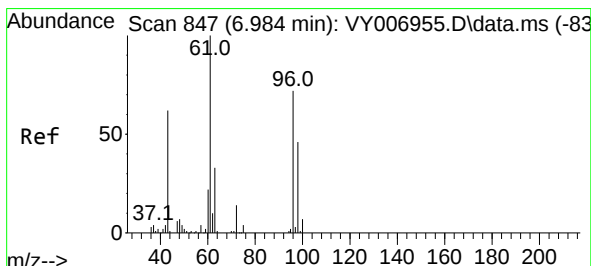
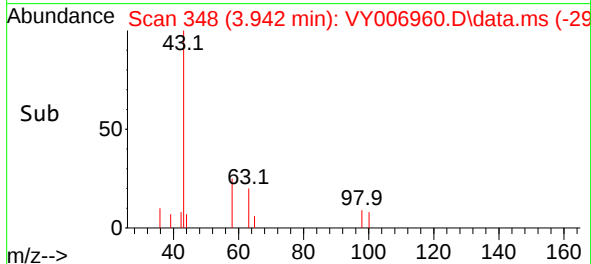
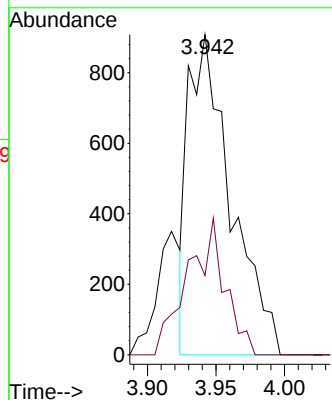
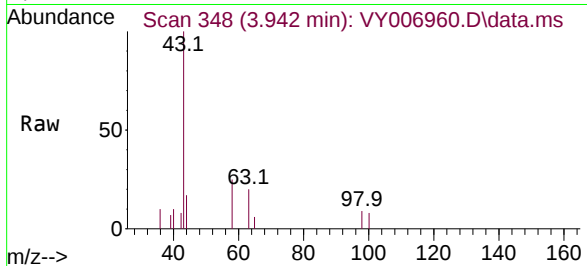




#13
Acetone
Concen: 4.428 ug/L
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY006960.D
Acq: 06 Dec 2021 15:07

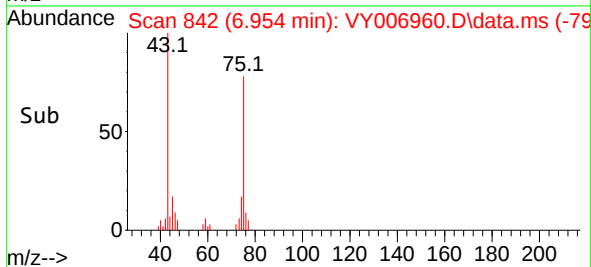
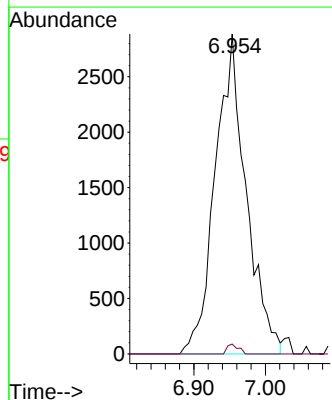
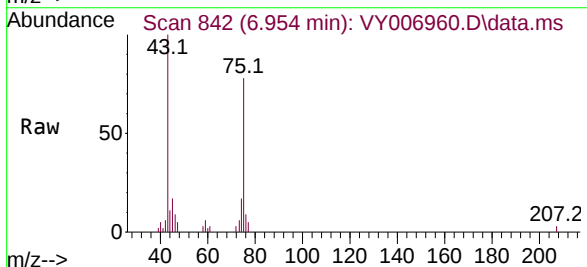
Instrument :
MSVOA_Y
ClientSampleId :

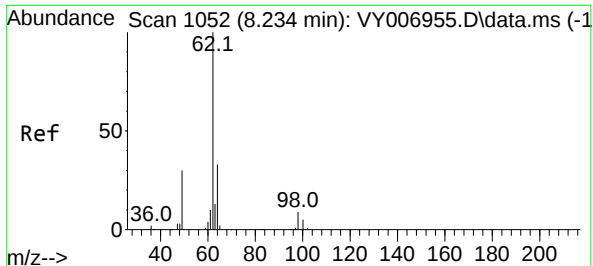
Tgt Ion: 43 Resp: 1964
Ion Ratio Lower Upper
43 100
58 16.3 0.0 60.8



#22
2-Butanone
Concen: 13.955 ug/L
RT: 6.954 min Scan# 842
Delta R.T. -0.031 min
Lab File: VY006960.D
Acq: 06 Dec 2021 15:07

Tgt Ion: 43 Resp: 8658
Ion Ratio Lower Upper
43 100
72 1.1 12.9 38.6#





#27

1,2-Dichloroethane

Concen: 0.886 ug/L

RT: 8.240 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY006960.D

Acq: 06 Dec 2021 15:07

Instrument :

MSVOA_Y

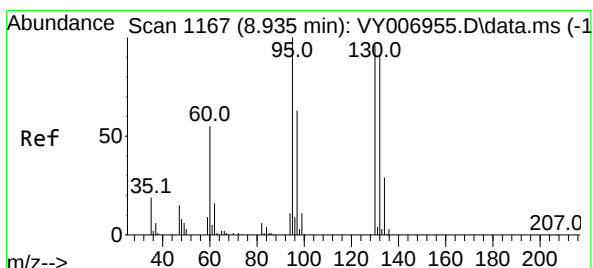
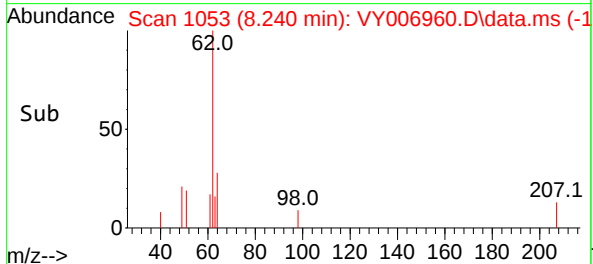
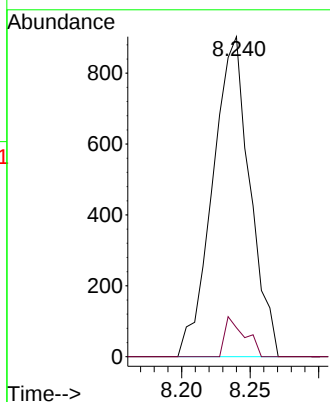
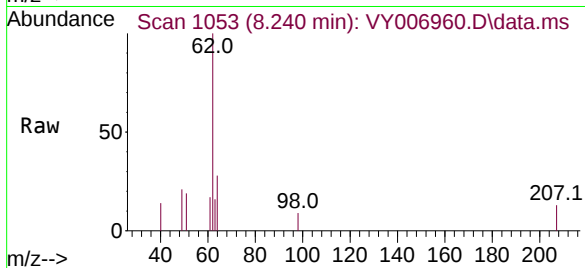
ClientSampleId :

Tgt Ion: 62 Resp: 1707

Ion Ratio Lower Upper

62 100

98 9.1 6.9 10.3



#34

Trichloroethene

Concen: 1.480 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY006960.D

Acq: 06 Dec 2021 15:07

Tgt Ion: 95 Resp: 1557

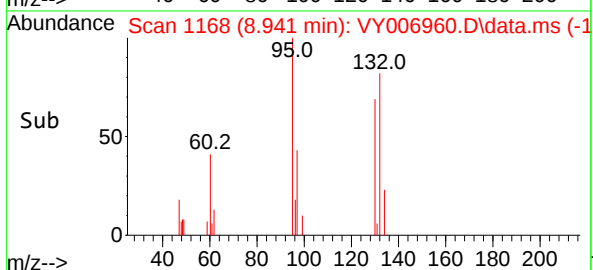
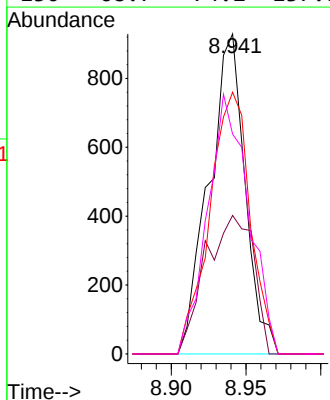
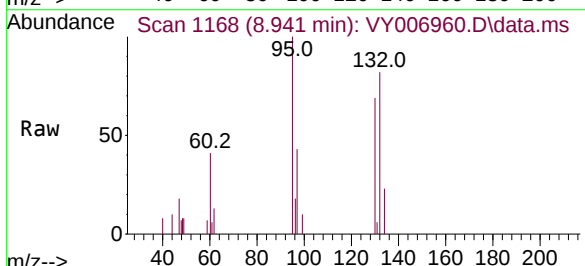
Ion Ratio Lower Upper

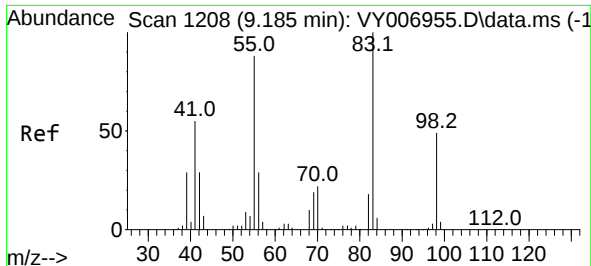
95 100

97 43.3 47.3 87.8#

132 81.8 71.3 132.5

130 68.7 74.2 137.8#

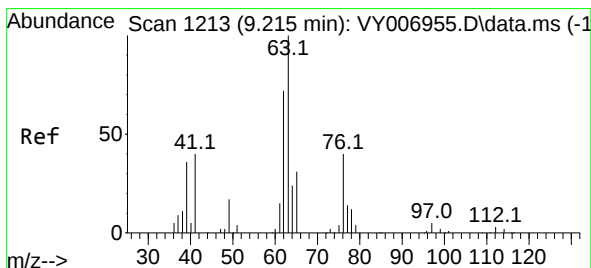
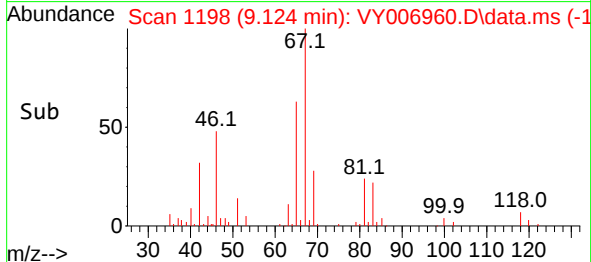
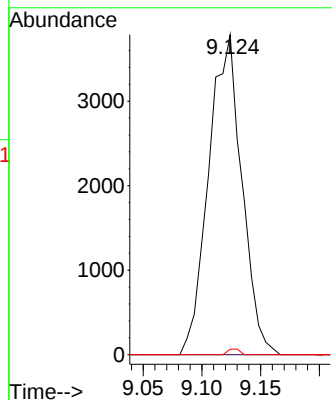
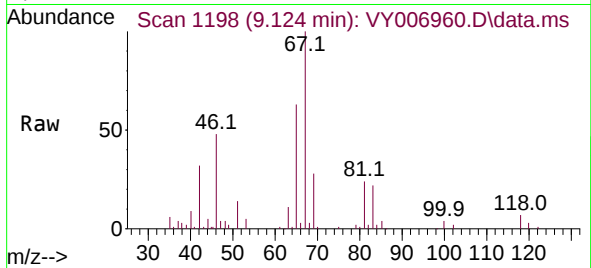




#35
Methylcyclohexane
Concen: 3.949 ug/L
RT: 9.124 min Scan# 1198
Delta R.T. -0.061 min
Lab File: VY006960.D
Acq: 06 Dec 2021 15:07

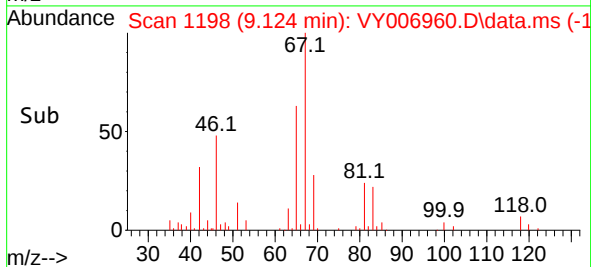
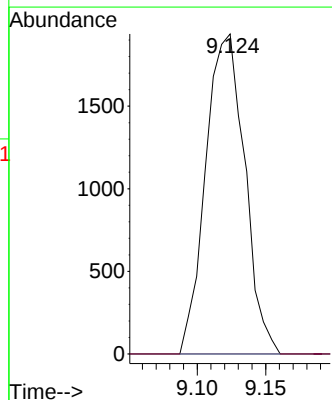
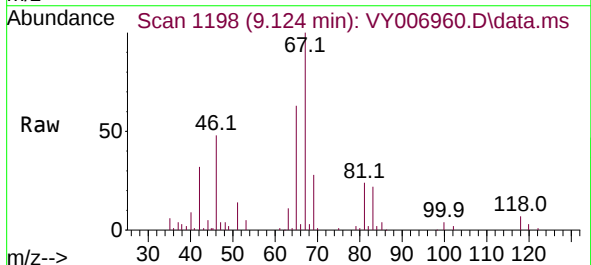
Instrument :
MSVOA_Y
ClientSampleId :

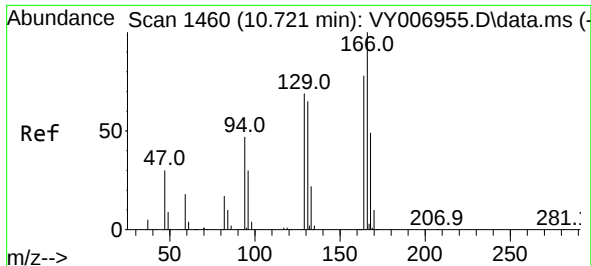
Tgt Ion: 83 Resp: 7446
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.6 39.1 58.7#



#37
1,2-Dichloropropane
Concen: 3.508 ug/L
RT: 9.124 min Scan# 1198
Delta R.T. -0.092 min
Lab File: VY006960.D
Acq: 06 Dec 2021 15:07

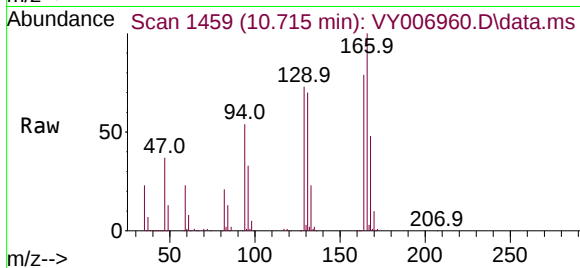
Tgt Ion: 63 Resp: 3842
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



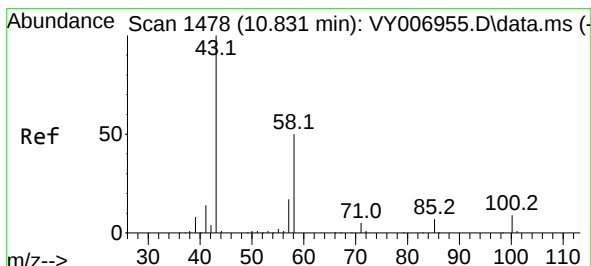
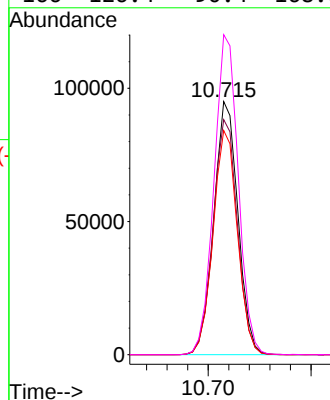
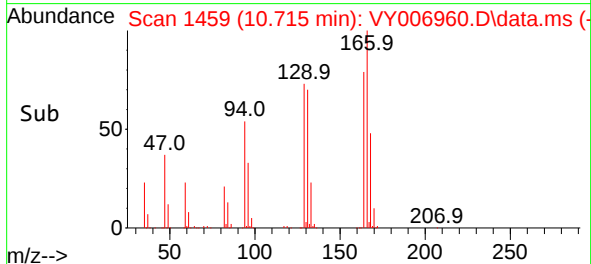


#46
Tetrachloroethene
Concen: 175.374 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006960.D
Acq: 06 Dec 2021 15:07

Instrument :
MSVOA_Y
ClientSampleId :

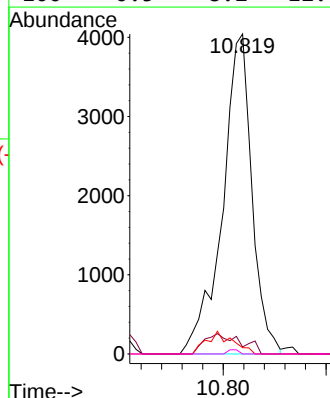
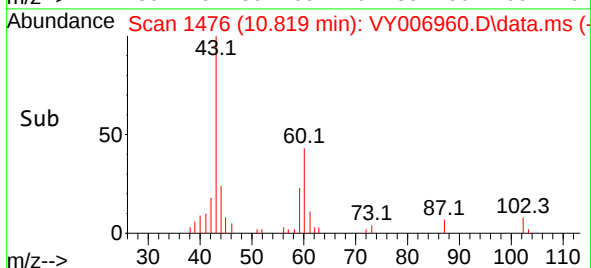
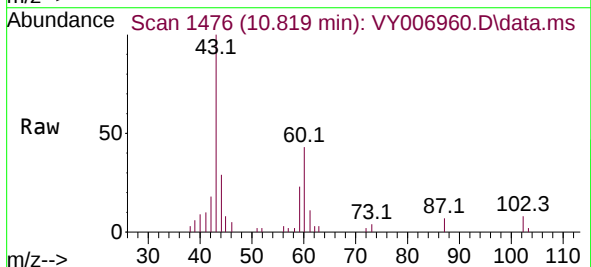


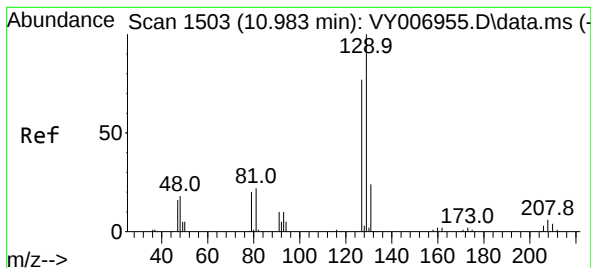
Tgt Ion:164 Resp: 154613
Ion Ratio Lower Upper
164 100
129 92.8 62.1 115.3
131 88.5 61.0 113.2
166 126.4 90.4 168.0



#48
2-Hexanone
Concen: 12.747 ug/L
RT: 10.819 min Scan# 1476
Delta R.T. -0.012 min
Lab File: VY006960.D
Acq: 06 Dec 2021 15:07

Tgt Ion: 43 Resp: 8035
Ion Ratio Lower Upper
43 100
58 1.4 39.9 59.9#
57 0.0 14.2 21.4#
100 0.5 8.2 12.4#





#49

Dibromochloromethane

Concen: 139.580 ug/L

RT: 10.715 min Scan# 14

Delta R.T. -0.268 min

Lab File: VY006960.D

Acq: 06 Dec 2021 15:07

Instrument :

MSVOA_Y

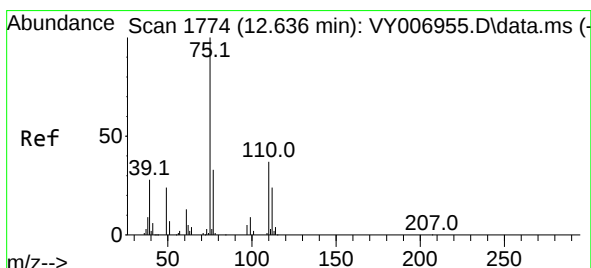
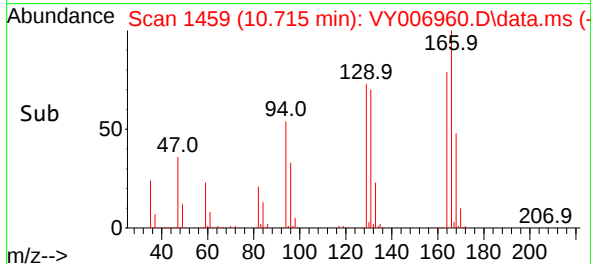
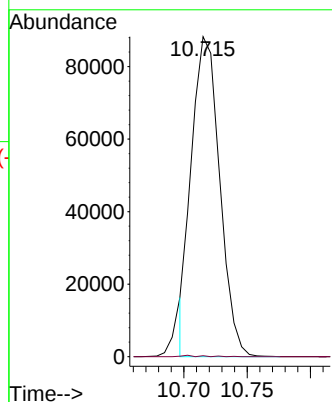
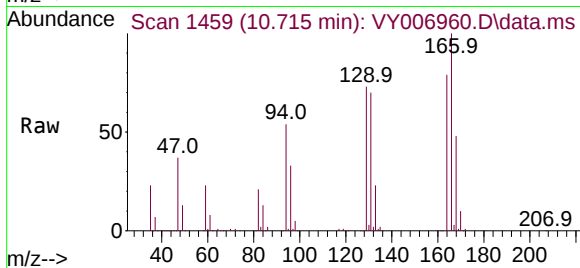
ClientSampleId :

Tgt Ion:129 Resp: 137060

Ion Ratio Lower Upper

129 100

127 0.3 52.1 96.9#



#61

1,2,3-Trichloropropane

Concen: 0.802 ug/L

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY006960.D

Acq: 06 Dec 2021 15:07

Tgt Ion: 75 Resp: 418

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

110 17.2 31.7 47.5#

