

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006987.D
 Acq On : 07 Dec 2021 02:50
 Operator : SY/MD
 Sample : M4884-16
 Misc : 3.52g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 04:16:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 04:00:28 2021
 Response via : Initial Calibration

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

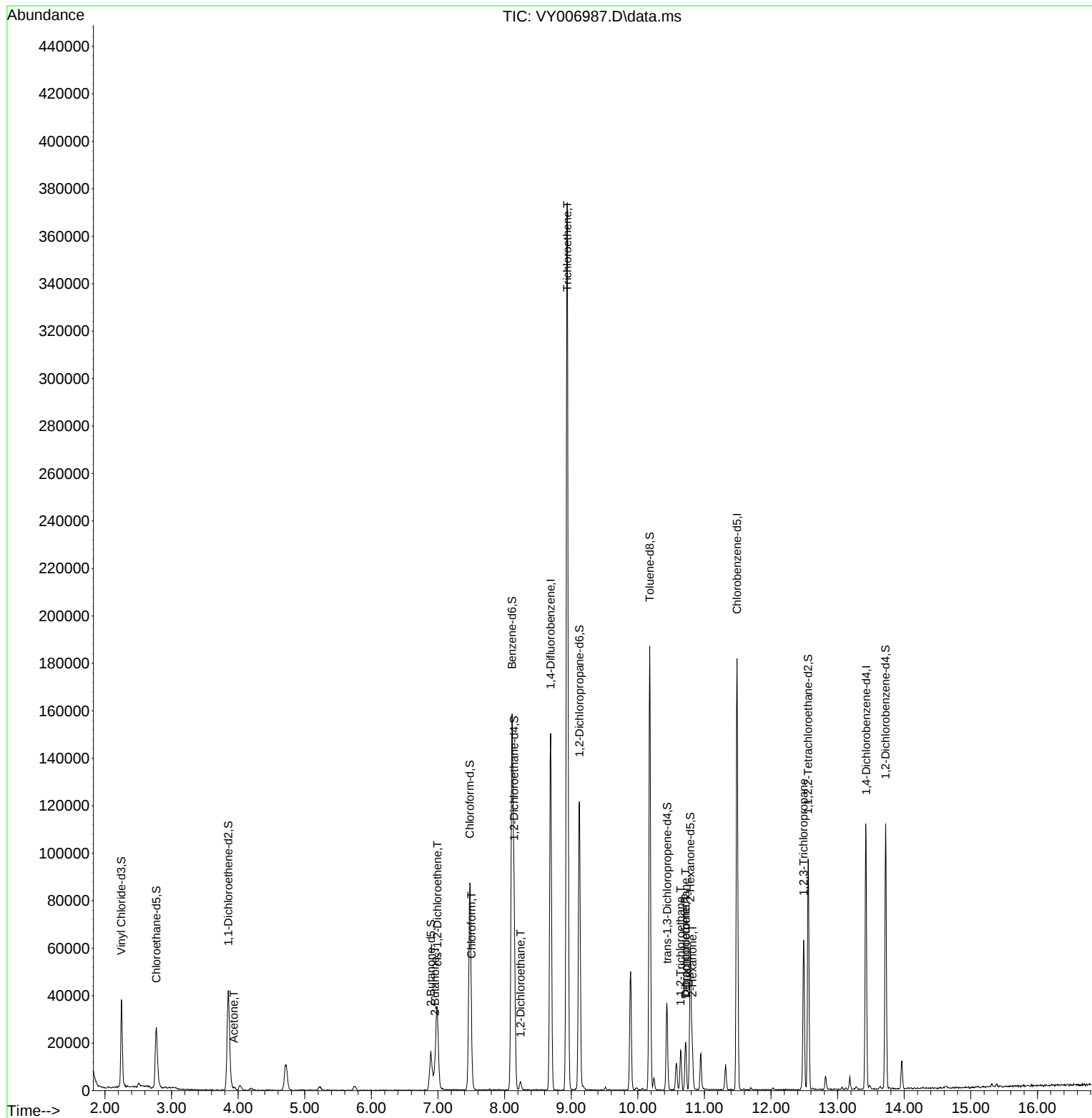
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	118489	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	90243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	26999	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	36176	23.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.840%
7) Chloroethane-d5	2.771	69	33243	27.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.080%
11) 1,1-Dichloroethene-d2	3.850	63	41752	13.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.640%
21) 2-Butanone-d5	6.893	46	26146	44.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.720%
24) Chloroform-d	7.478	84	82301	27.871	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.480%
26) 1,2-Dichloroethane-d4	8.142	65	52497	29.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.480%
32) Benzene-d6	8.112	84	150445	31.384	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.520%
36) 1,2-Dichloropropane-d6	9.124	67	57082	37.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.600%#
41) Toluene-d8	10.179	98	114510	25.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	10.441	79	17455	23.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.840%
47) 2-Hexanone-d5	10.788	63	17706	50.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.580%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	45671	36.397	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.600%#
66) 1,2-Dichlorobenzene-d4	13.721	152	25405	28.854	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.400%
Target Compounds						Qvalue
13) Acetone	3.936	43	1838	3.403	ug/L	62
20) cis-1,2-Dichloroethene	6.990	96	17463	9.526	ug/L	95
22) 2-Butanone	6.954	43	8532	11.291	ug/L #	52
25) Chloroform	7.502	83	2656	0.820	ug/L	82
27) 1,2-Dichloroethane	8.240	62	3051	1.300	ug/L #	92
34) Trichloroethene	8.941	95	121976	81.622	ug/L	94
45) 1,1,2-Trichloroethane	10.642	97	4978	4.344	ug/L	91
46) Tetrachloroethene	10.721	164	4141	3.307	ug/L	95
48) 2-Hexanone	10.819	43	13100	14.634	ug/L #	45
49) Dibromochloromethane	10.715	129	3922	2.812	ug/L #	12
61) 1,2,3-Trichloropropane	12.489	75	481	0.733	ug/L #	58

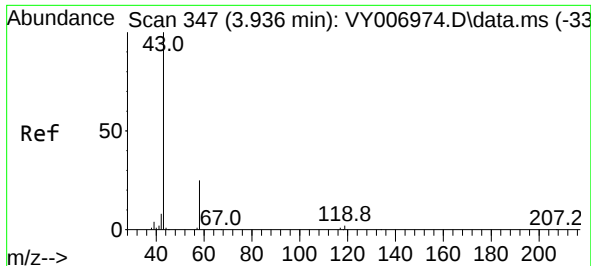
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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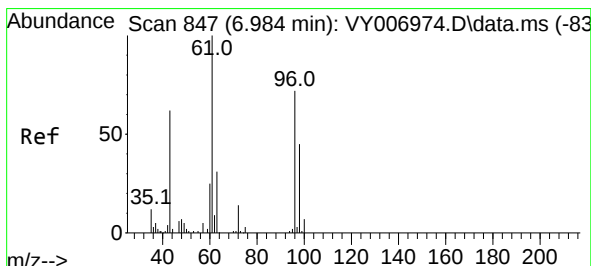
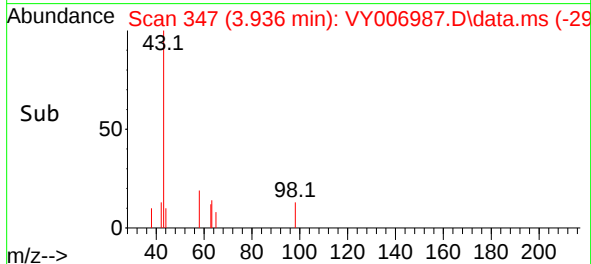
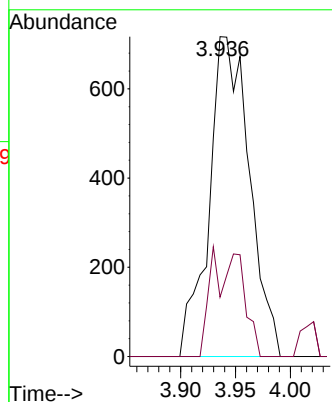
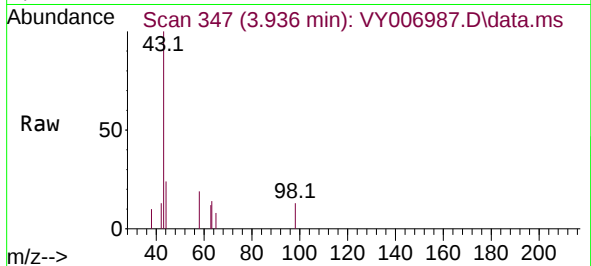




#13
Acetone
Concen: 3.403 ug/L
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY006987.D
Acq: 07 Dec 2021 02:50

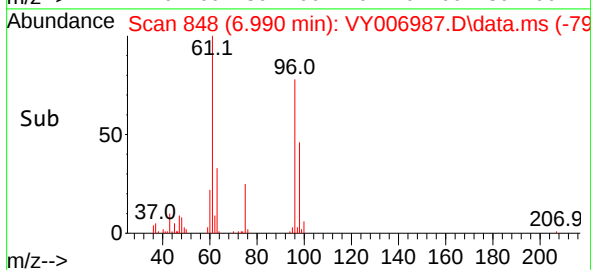
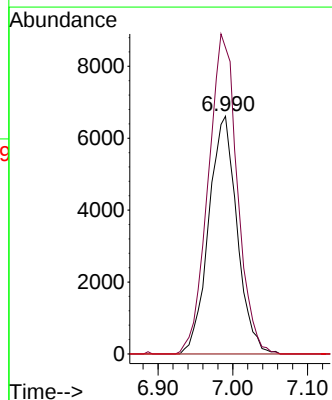
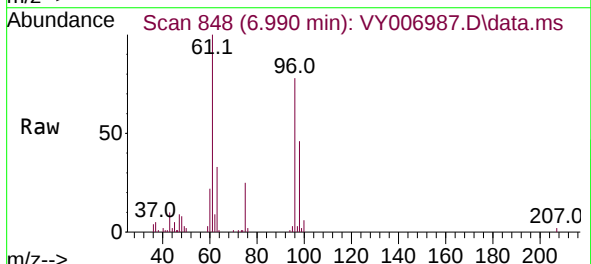
Instrument :
MSVOA_Y
ClientSampleId :

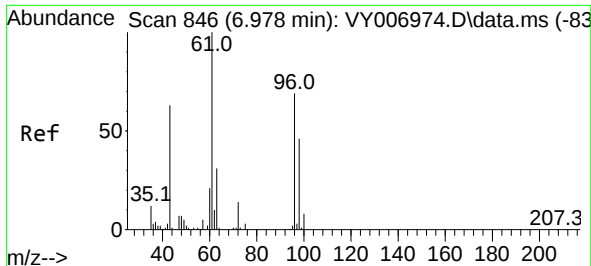
Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
58 9.8 0.0 60.8



#20
cis-1,2-Dichloroethene
Concen: 9.526 ug/L
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY006987.D
Acq: 07 Dec 2021 02:50

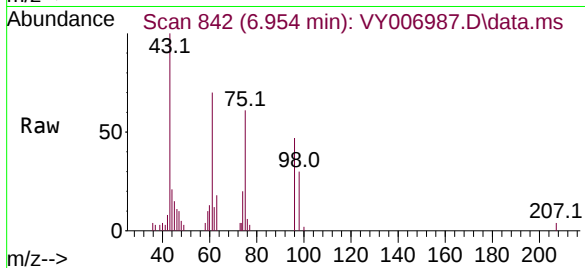
Tgt Ion: 96 Resp: 17463
Ion Ratio Lower Upper
96 100
61 128.8 94.2 175.0
68 0.0 0.0 0.0



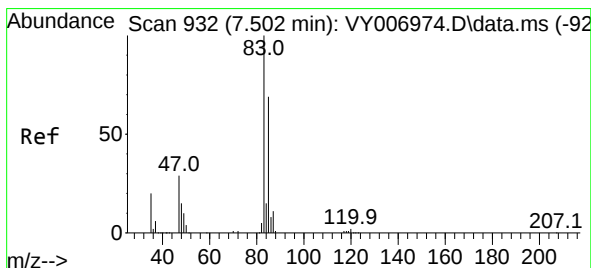
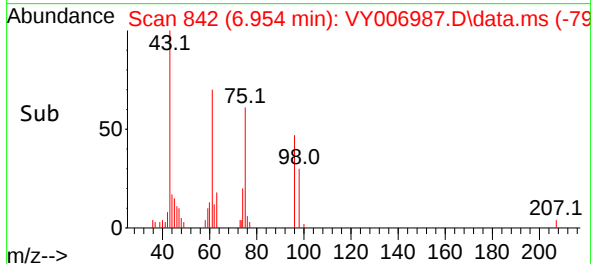
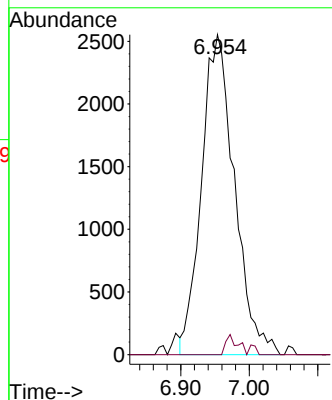


#22
2-Butanone
Concen: 11.291 ug/L
RT: 6.954 min Scan# 846
Delta R.T. -0.025 min
Lab File: VY006987.D
Acq: 07 Dec 2021 02:50

Instrument :
MSVOA_Y
ClientSampleId :

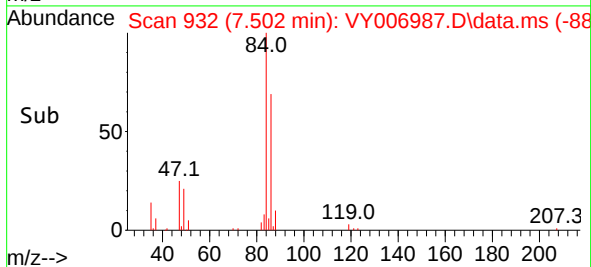
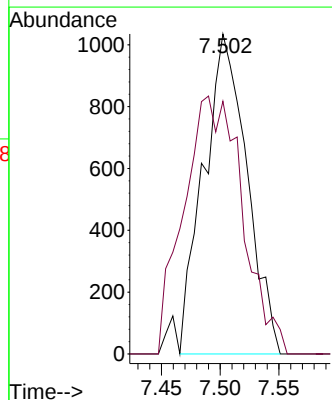
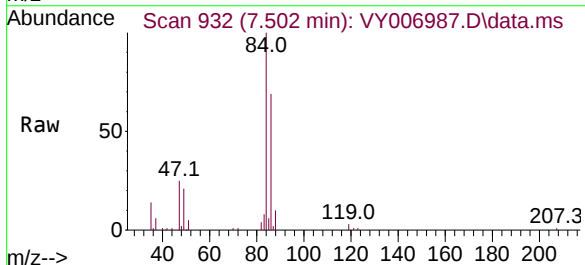


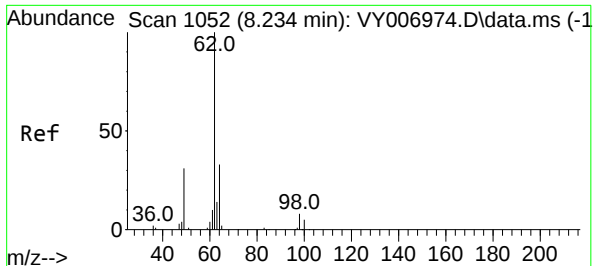
Tgt Ion: 43 Resp: 8532
Ion Ratio Lower Upper
43 100
72 1.4 12.9 38.6#



#25
Chloroform
Concen: 0.820 ug/L
RT: 7.502 min Scan# 932
Delta R.T. -0.000 min
Lab File: VY006987.D
Acq: 07 Dec 2021 02:50

Tgt Ion: 83 Resp: 2656
Ion Ratio Lower Upper
83 100
85 78.9 45.4 84.2





#27

1,2-Dichloroethane

Concen: 1.300 ug/L

RT: 8.240 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY006987.D

Acq: 07 Dec 2021 02:50

Instrument :

MSVOA_Y

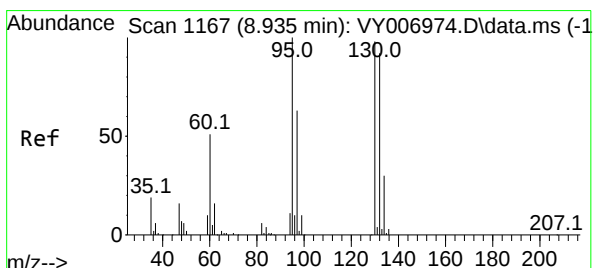
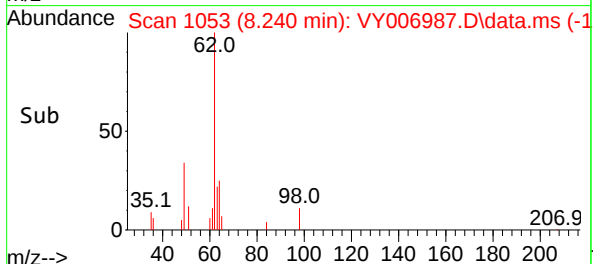
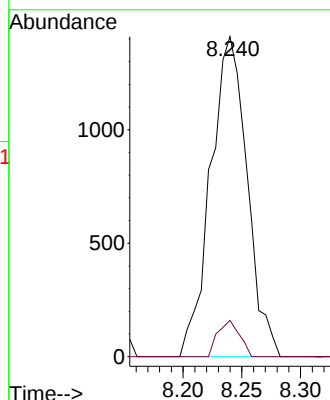
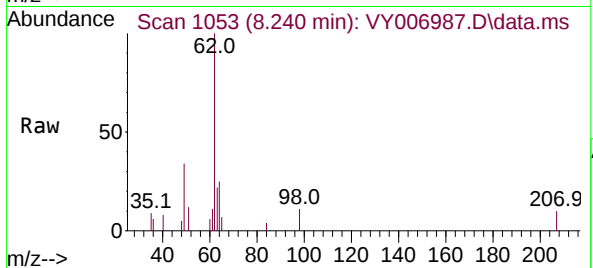
ClientSampleId :

Tgt Ion: 62 Resp: 3051

Ion Ratio Lower Upper

62 100

98 11.3 6.9 10.3#



#34

Trichloroethene

Concen: 81.622 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY006987.D

Acq: 07 Dec 2021 02:50

Tgt Ion: 95 Resp: 121976

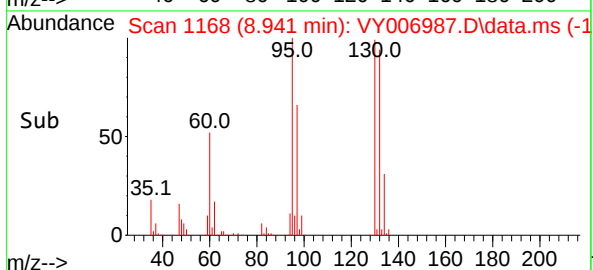
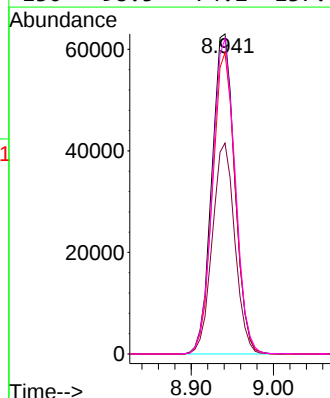
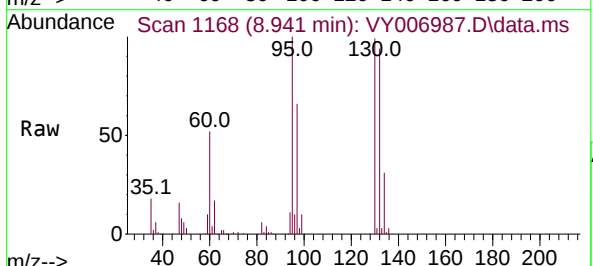
Ion Ratio Lower Upper

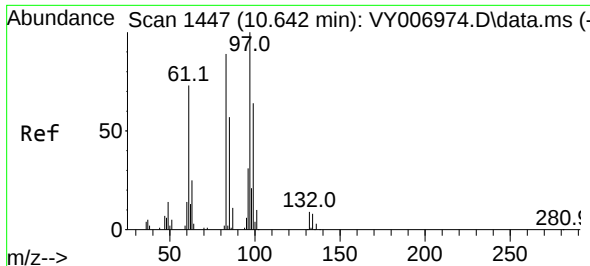
95 100

97 65.9 47.3 87.8

132 94.2 71.3 132.5

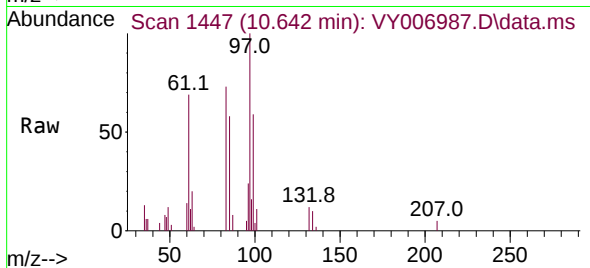
130 98.5 74.2 137.8



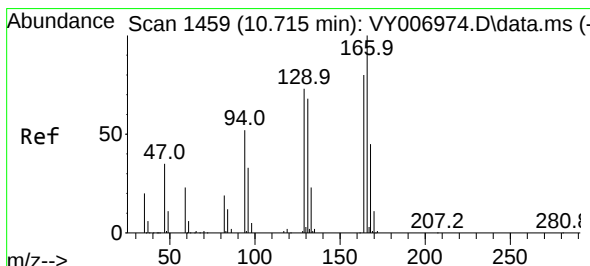
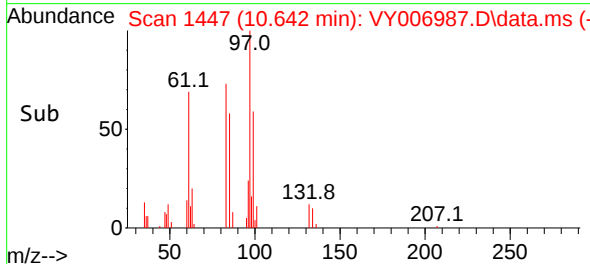
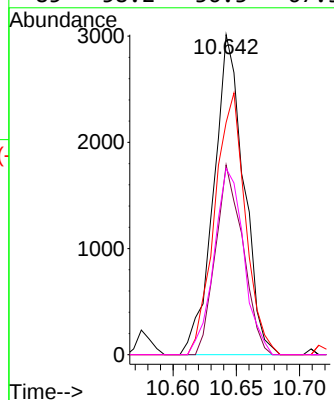


#45
1,1,2-Trichloroethane
Concen: 4.344 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY006987.D
Acq: 07 Dec 2021 02:50

Instrument :
MSVOA_Y
ClientSampleId :

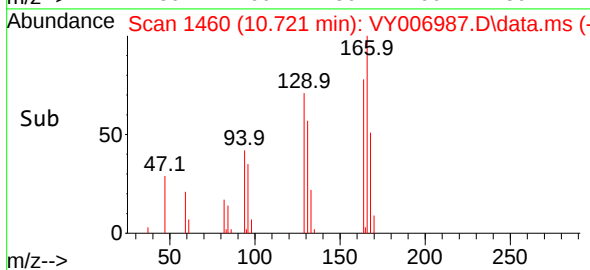
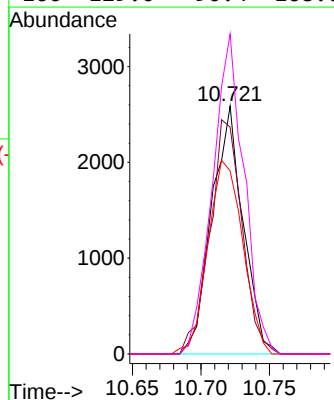
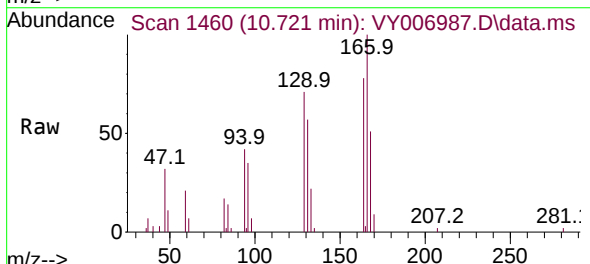


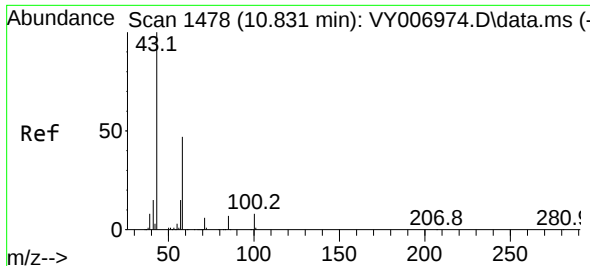
Tgt Ion: 97	Resp: 4978
Ion Ratio	Lower Upper
97 100	
99 59.3	43.0 79.8
83 72.6	58.9 109.3
85 58.2	36.3 67.3



#46
Tetrachloroethene
Concen: 3.307 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY006987.D
Acq: 07 Dec 2021 02:50

Tgt Ion:164	Resp: 4141
Ion Ratio	Lower Upper
164 100	
129 91.5	62.1 115.3
131 73.8	61.0 113.2
166 129.0	90.4 168.0

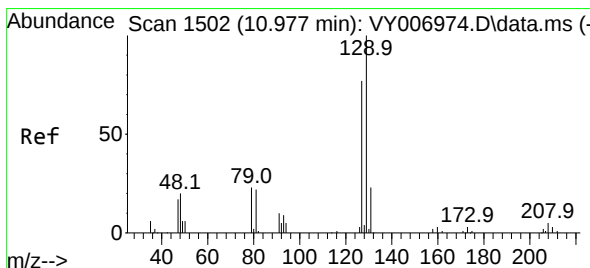
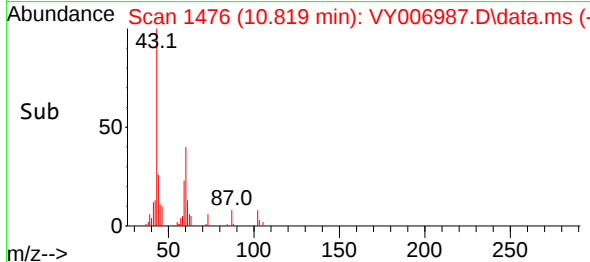
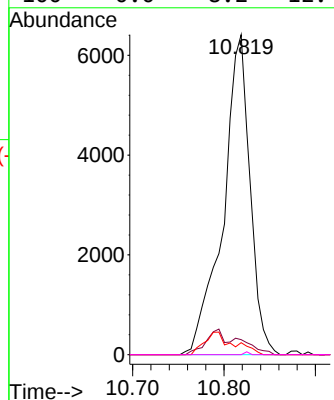
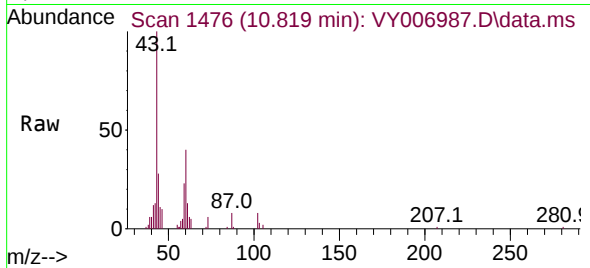




#48
2-Hexanone
Concen: 14.634 ug/L
RT: 10.819 min Scan# 1478
Delta R.T. -0.012 min
Lab File: VY006987.D
Acq: 07 Dec 2021 02:50

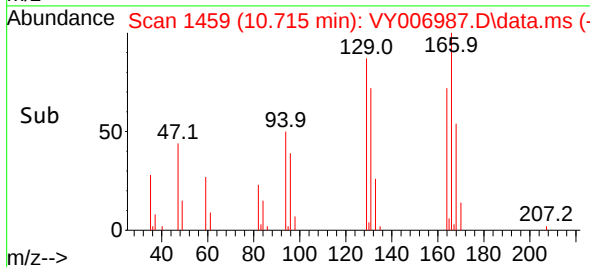
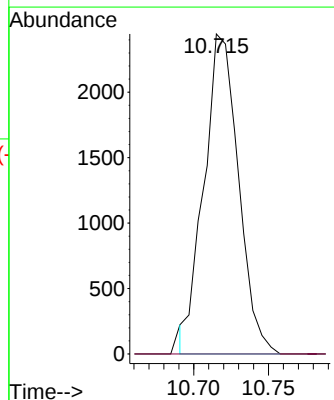
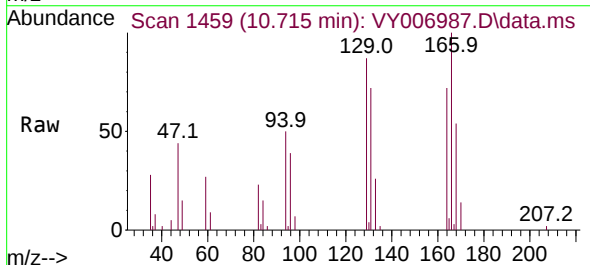
Instrument :
MSVOA_Y
ClientSampleId :

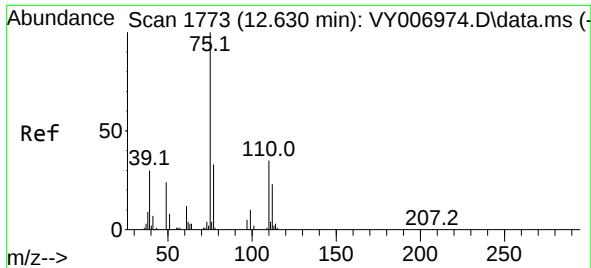
Tgt Ion: 43 Resp: 13100
Ion Ratio Lower Upper
43 100
58 4.4 39.9 59.9#
57 0.0 14.2 21.4#
100 0.0 8.2 12.4#



#49
Dibromochloromethane
Concen: 2.812 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.262 min
Lab File: VY006987.D
Acq: 07 Dec 2021 02:50

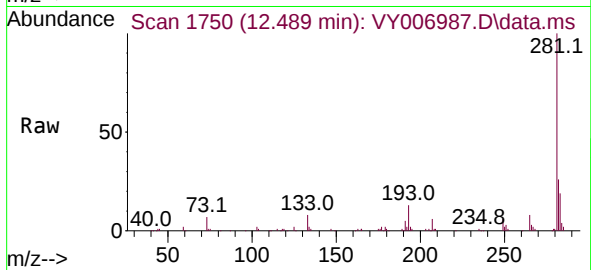
Tgt Ion: 129 Resp: 3922
Ion Ratio Lower Upper
129 100
127 0.0 52.1 96.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.733 ug/L
 RT: 12.489 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VY006987.D
 Acq: 07 Dec 2021 02:50

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 481
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 110 21.6 31.7 47.5#

