

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022487.D
 Acq On : 11 Apr 2022 16:57
 Operator : SY/VA
 Sample : N2316-08
 Misc : 6.01g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 11 23:59:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	450522	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	441460	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	214413	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	156674	15.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.920%
7) Chloroethane-d5	2.885	69	108433	17.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.480%
11) 1,1-Dichloroethene-d2	4.019	63	159996	12.386	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.560%
21) 2-Butanone-d5	7.074	46	137379	79.007	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.020%#
24) Chloroform-d	7.647	84	311035	22.088	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.360%
26) 1,2-Dichloroethane-d4	8.311	65	200350	24.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	8.275	84	560172	20.769	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.080%
36) 1,2-Dichloropropane-d6	9.274	67	184073	23.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.323	98	522499	19.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.120%
43) trans-1,3-Dichloroprop...	10.579	79	84704	22.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.960%
47) 2-Hexanone-d5	10.835	63	71	0.049	ug/L	-0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.100%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	211892	31.927	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.720%#
66) 1,2-Dichlorobenzene-d4	13.853	152	191286	25.187	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.760%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	229745	194.058	ug/L	96
19) 1,1-Dichloroethane	6.214	63	7039	0.543	ug/L #	88
22) 2-Butanone	7.171	43	30569	17.096	ug/L	97
29) Cyclohexane	7.958	56	20661	1.635	ug/L	96
33) Benzene	8.323	78	5779119	192.815	ug/L	100
35) Methylcyclohexane	9.329	83	67283	4.673	ug/L	98
37) 1,2-Dichloropropane	9.366	63	3757	0.523	ug/L #	88
42) Toluene	10.384	91	644733	18.772	ug/L	92
48) 2-Hexanone	10.969	43	11966	3.871	ug/L #	87
51) Chlorobenzene	11.658	112	3340397	159.159	ug/L	93
52) Ethylbenzene	11.731	91	101280	2.631	ug/L	94
53) m,p-Xylene	11.841	106	22155	1.514	ug/L	99
54) o-Xylene	12.164	106	19227	1.375	ug/L	98
60) Isopropylbenzene	12.457	105	33244	0.933	ug/L	98
61) 1,2,3-Trichloropropane	12.743	75	36411	7.983	ug/L #	1
63) 1,2,4-Trimethylbenzene	13.249	105	15598	0.524	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	7947	0.551	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	14904	1.153	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.463	75	3093	2.924	ug/L #	17

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 11 23:59:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Apr 11 23:55:29 2022
Response via : Initial Calibration

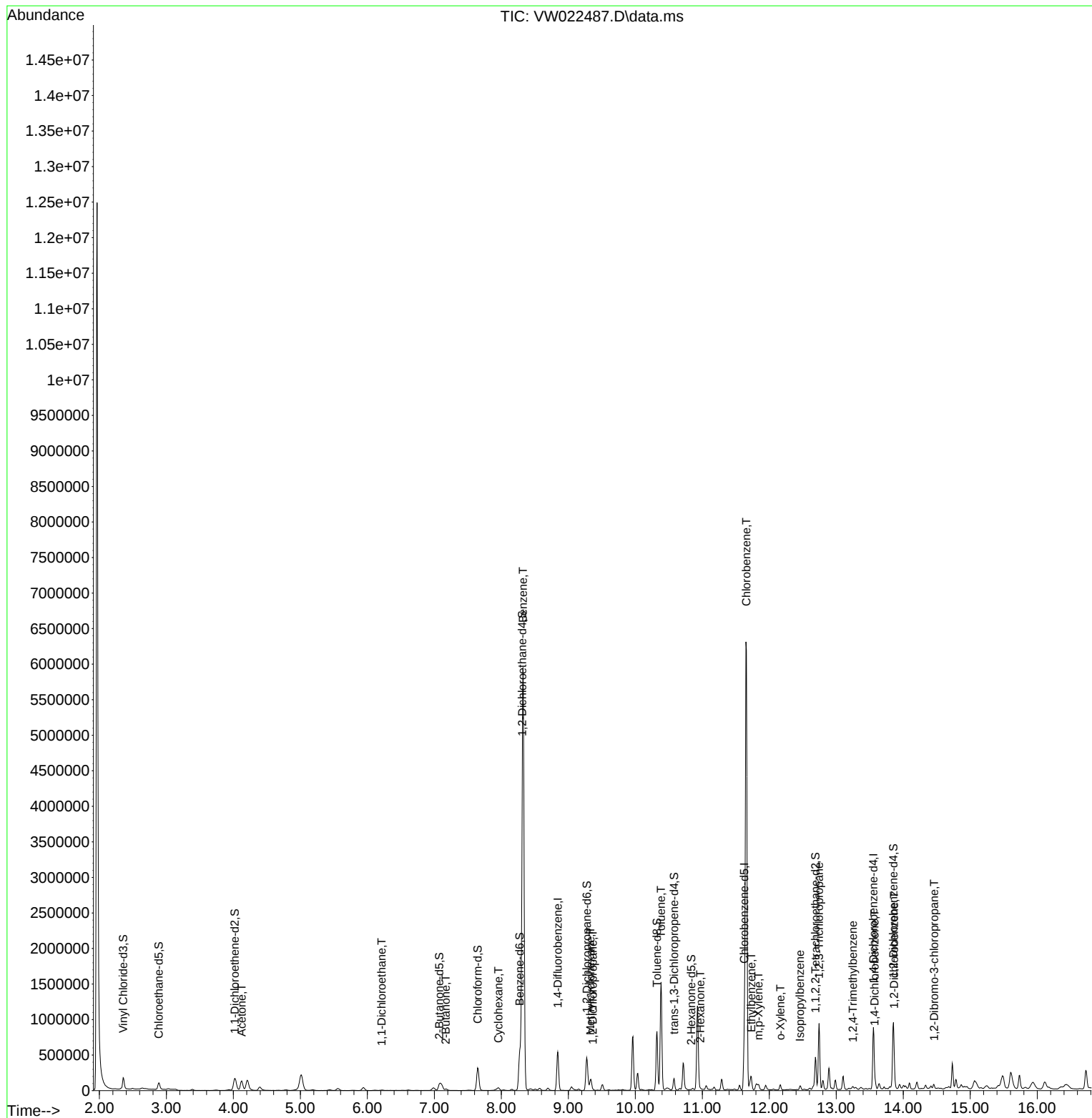
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

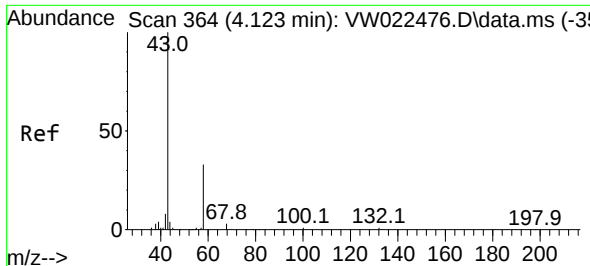
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
Data File : VW022487.D
Acq On : 11 Apr 2022 16:57
Operator : SY/VA
Sample : N2316-08
Misc : 6.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 11 23:59:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Apr 11 23:55:29 2022
Response via : Initial Calibration

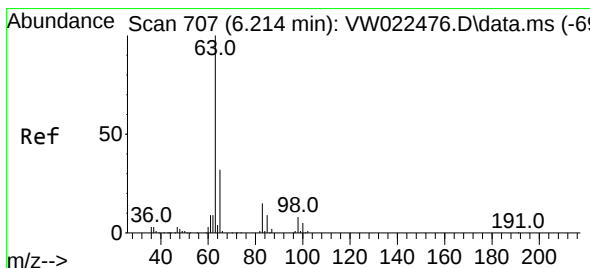
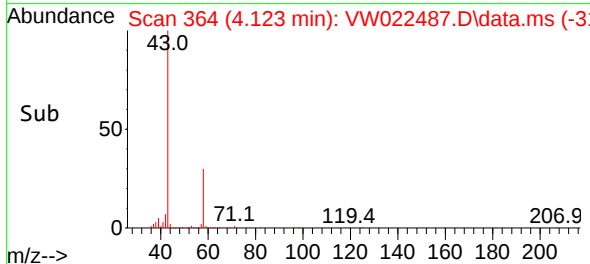
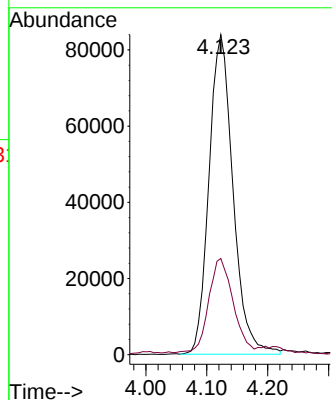
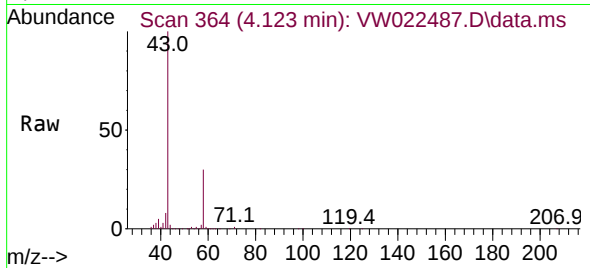




#13
Acetone
Concen: 194.058 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

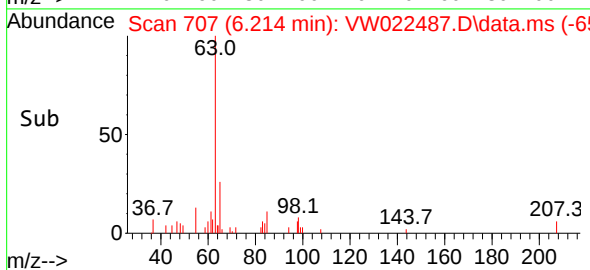
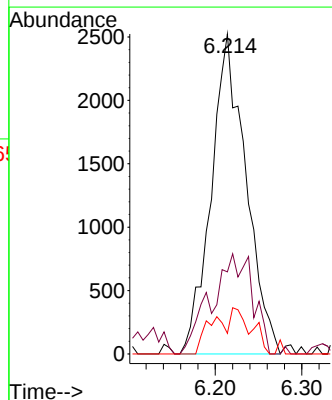
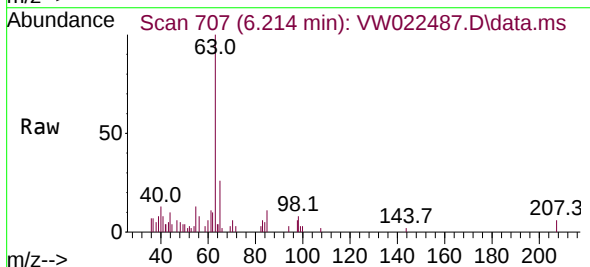
Instrument :
MSVOA_W
ClientSampleId :

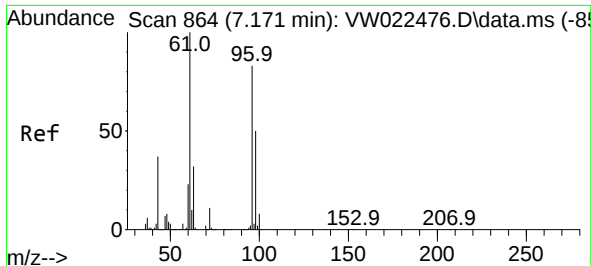
Tgt Ion: 43 Resp: 229745
Ion Ratio Lower Upper
43 100
58 30.7 0.0 57.0



#19
1,1-Dichloroethane
Concen: 0.543 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

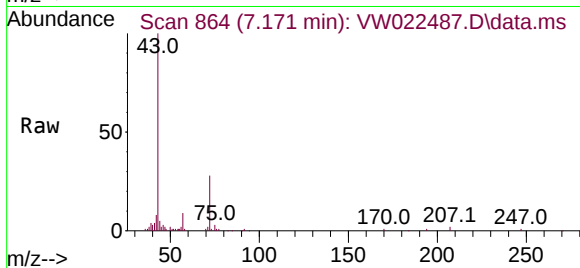
Tgt Ion: 63 Resp: 7039
Ion Ratio Lower Upper
63 100
65 25.6 21.1 39.3
83 6.5 10.1 18.9#



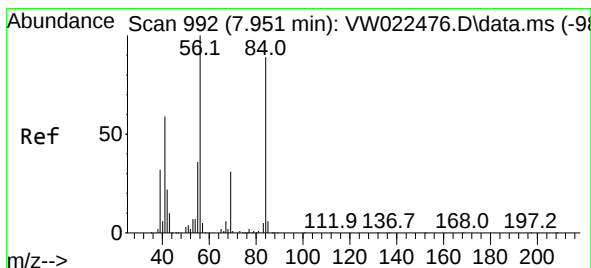
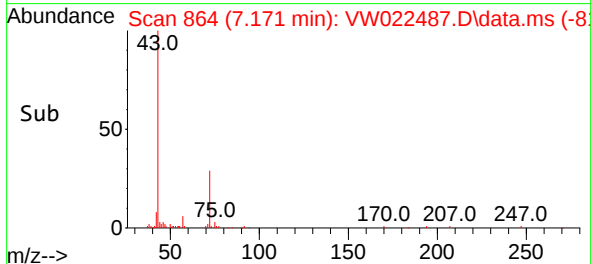
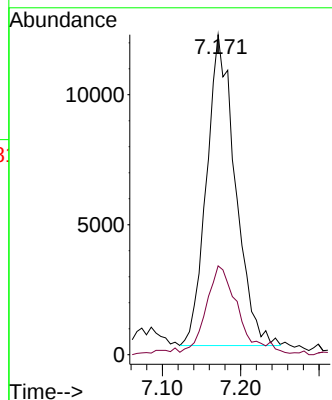


#22
2-Butanone
Concen: 17.096 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

Instrument :
MSVOA_W
ClientSampleId :

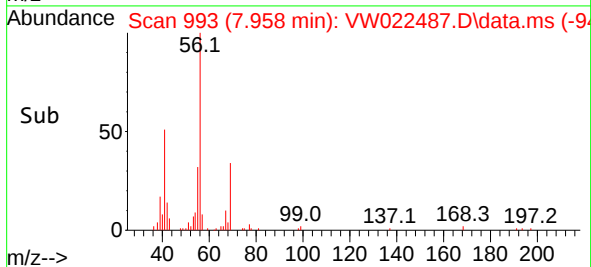
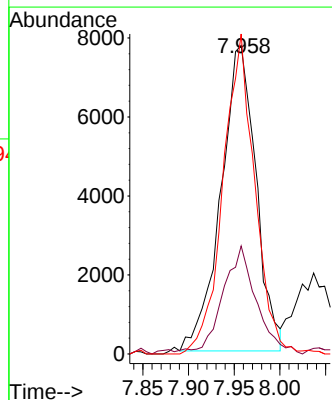
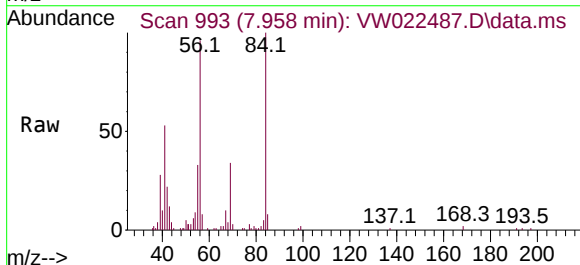


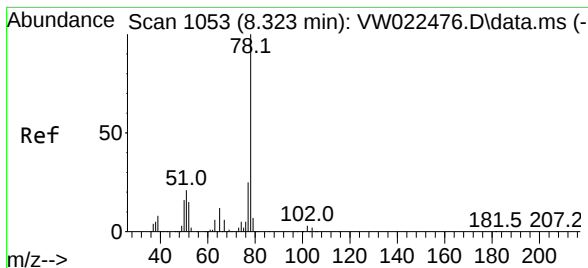
Tgt Ion: 43 Resp: 30569
Ion Ratio Lower Upper
43 100
72 29.5 14.0 42.0



#29
Cyclohexane
Concen: 1.635 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

Tgt Ion: 56 Resp: 20661
Ion Ratio Lower Upper
56 100
69 33.3 24.4 36.6
84 94.4 72.6 108.8





#33

Benzene

Concen: 192.815 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW022487.D

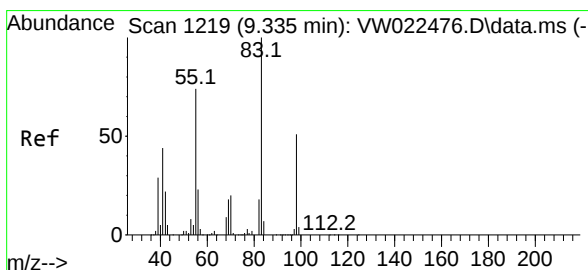
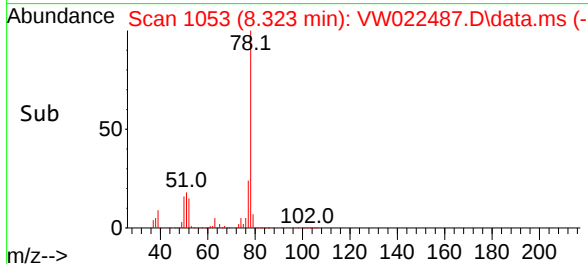
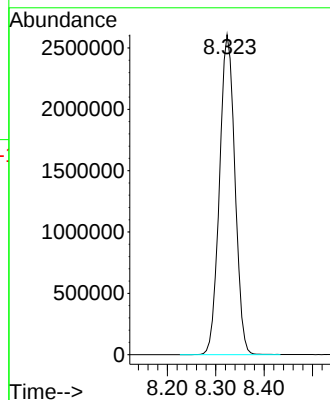
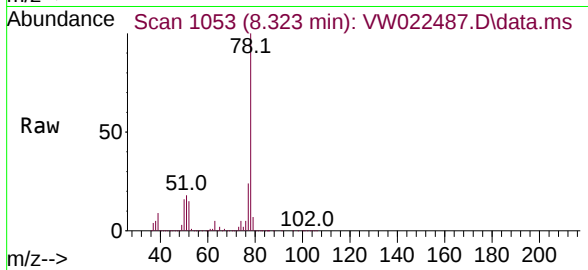
Acq: 11 Apr 2022 16:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 5779119



#35

Methylcyclohexane

Concen: 4.673 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW022487.D

Acq: 11 Apr 2022 16:57

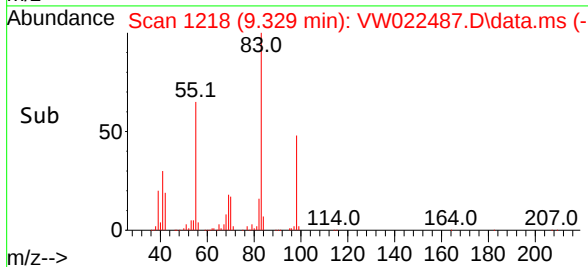
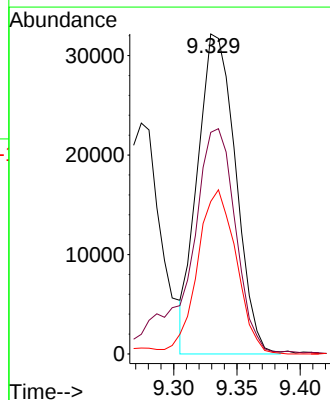
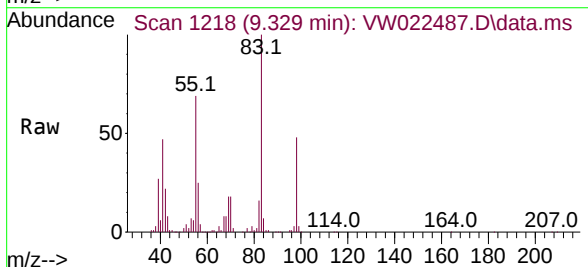
Tgt Ion: 83 Resp: 67283

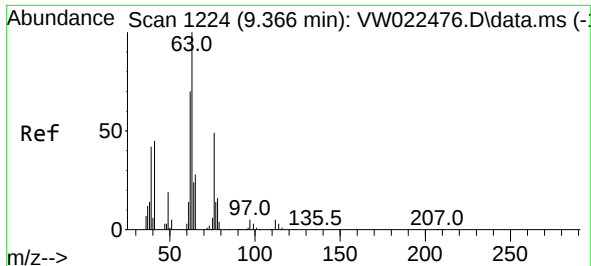
Ion Ratio Lower Upper

83 100

55 76.3 61.0 91.6

98 52.4 39.2 58.8





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022487.D

Acq: 11 Apr 2022 16:57

Instrument :

MSVOA_W

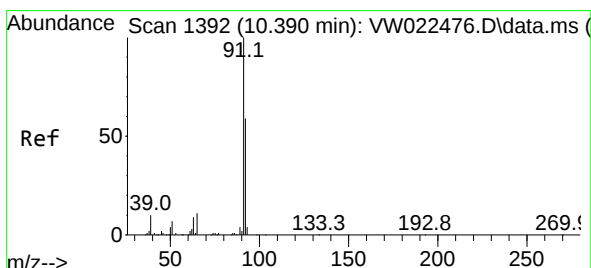
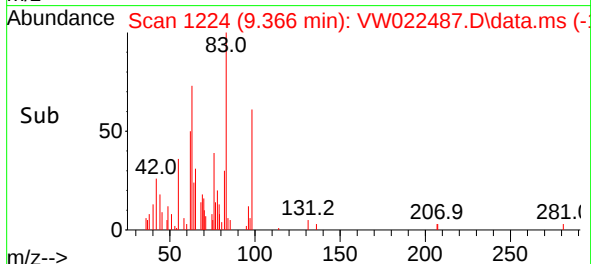
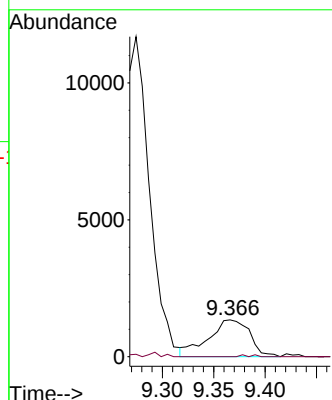
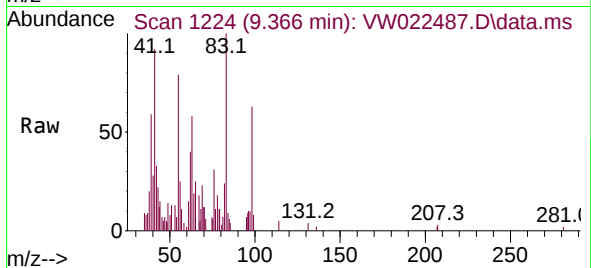
ClientSampleId :

Tgt Ion: 63 Resp: 3757

Ion Ratio Lower Upper

63 100

112 0.7 3.8 5.6#



#42

Toluene

Concen: 18.772 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW022487.D

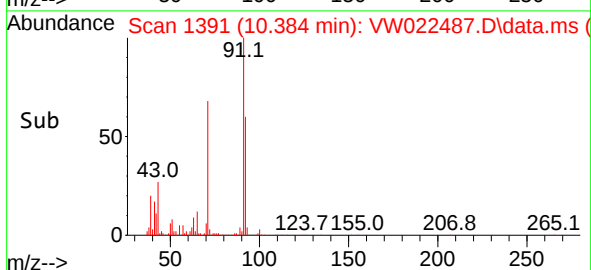
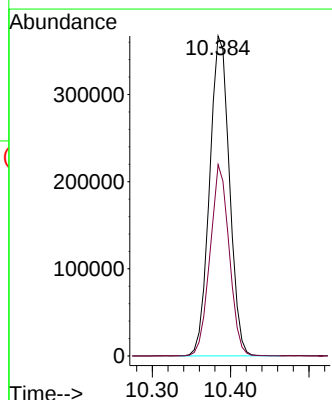
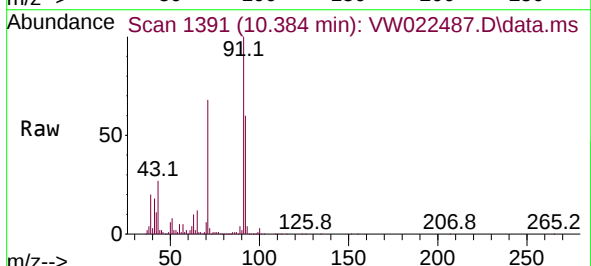
Acq: 11 Apr 2022 16:57

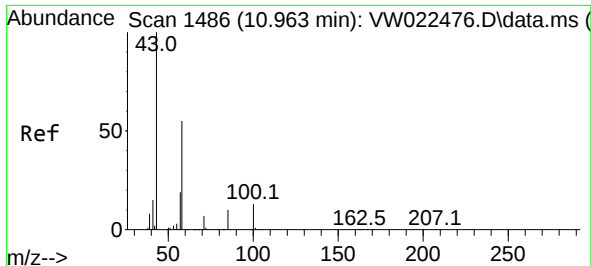
Tgt Ion: 91 Resp: 644733

Ion Ratio Lower Upper

91 100

92 59.8 38.0 70.6

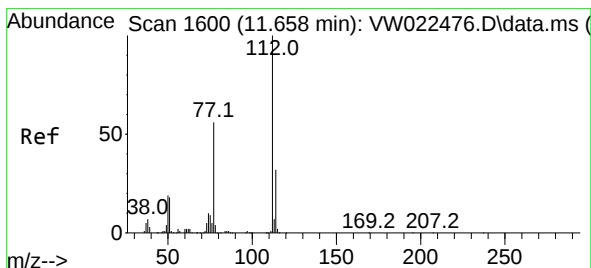
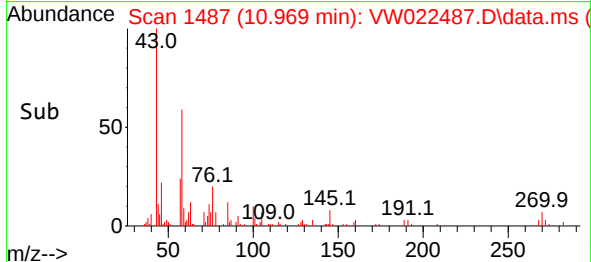
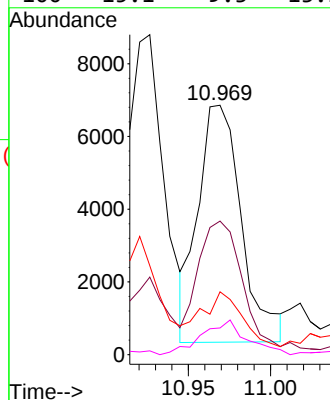
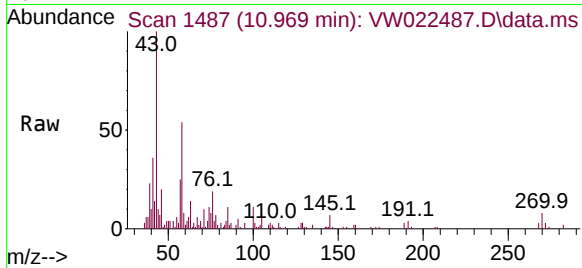




#48
2-Hexanone
Concen: 3.871 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

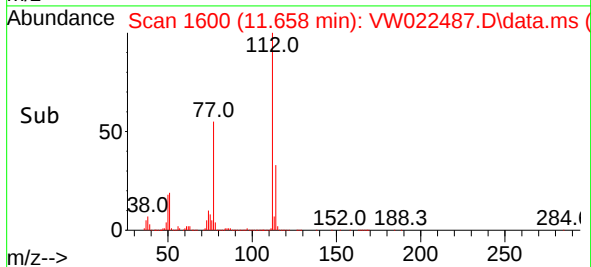
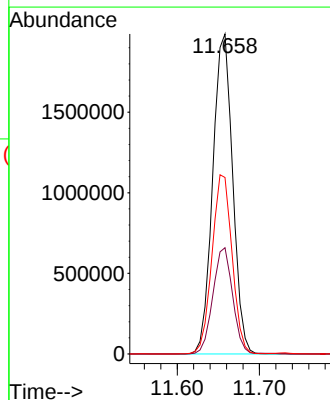
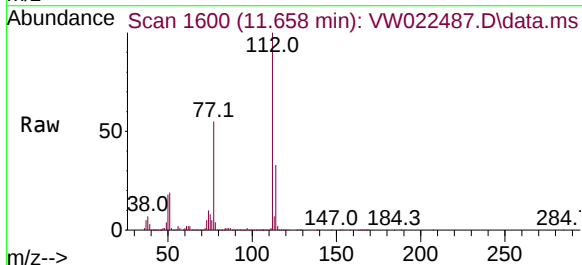
Instrument :
MSVOA_W
ClientSampleId :

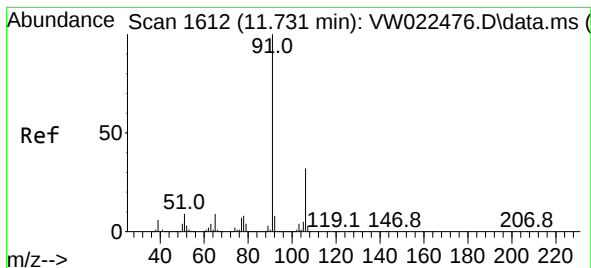
Tgt Ion:	43	Resp:	11966
Ion	Ratio	Lower	Upper
43	100		
58	61.4	41.6	62.4
57	24.0	14.5	21.7#
100	15.1	9.3	13.9#



#51
Chlorobenzene
Concen: 159.159 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

Tgt Ion:	112	Resp:	3340397
Ion	Ratio	Lower	Upper
112	100		
114	33.2	20.5	38.1
77	55.2	48.1	72.1

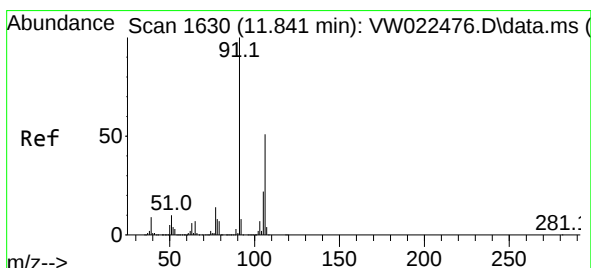
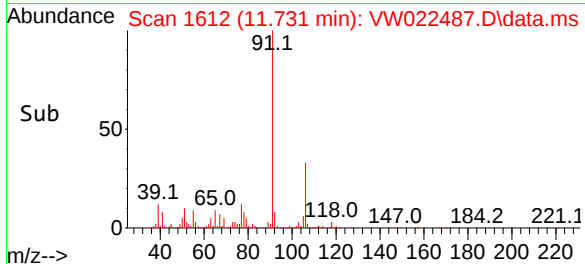
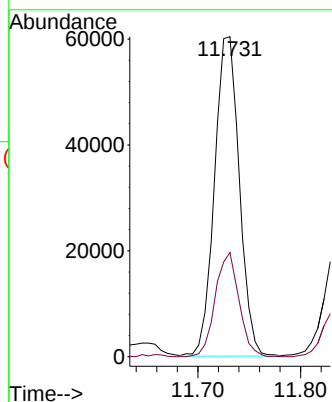
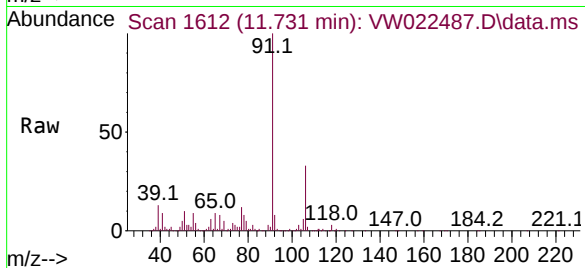




#52
Ethylbenzene
Concen: 2.631 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

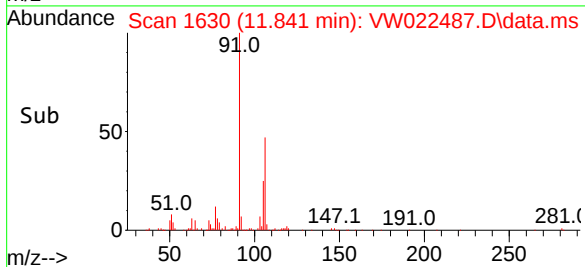
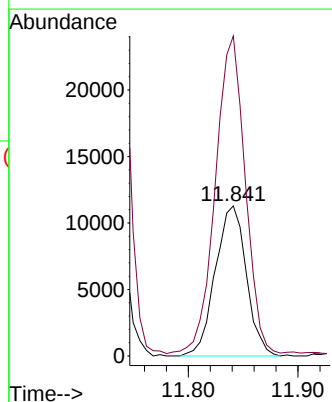
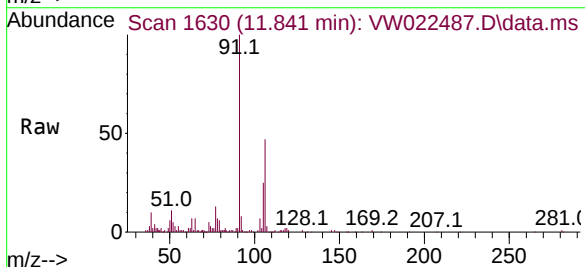
Instrument :
MSVOA_W
ClientSampleId :

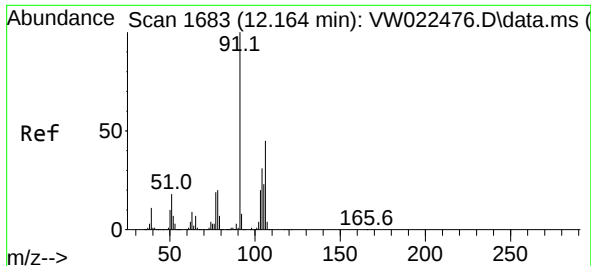
Tgt Ion: 91 Resp: 101280
Ion Ratio Lower Upper
91 100
106 32.5 20.5 38.1



#53
m,p-Xylene
Concen: 1.514 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

Tgt Ion: 106 Resp: 22155
Ion Ratio Lower Upper
106 100
91 213.1 149.9 278.5

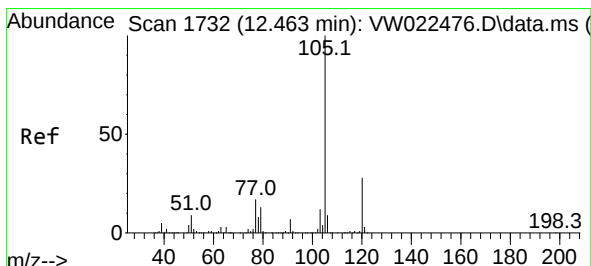
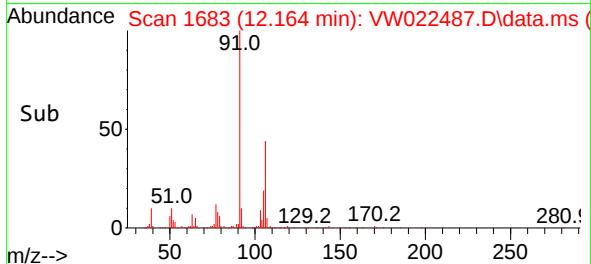
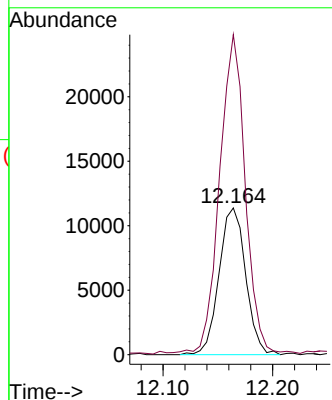
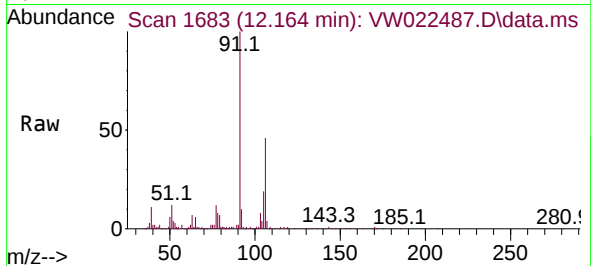




#54
o-Xylene
Concen: 1.375 ug/L
RT: 12.164 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

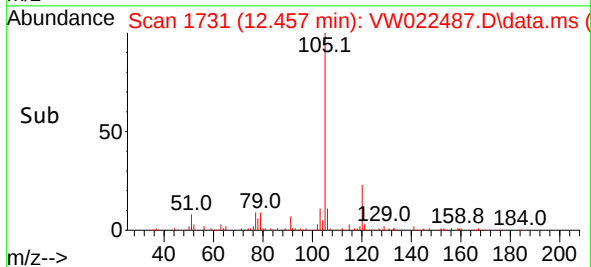
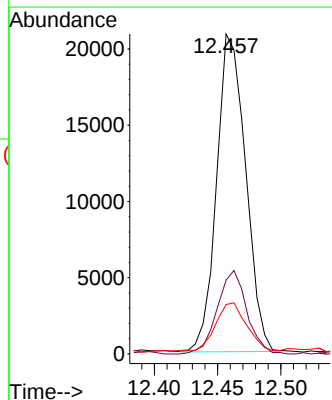
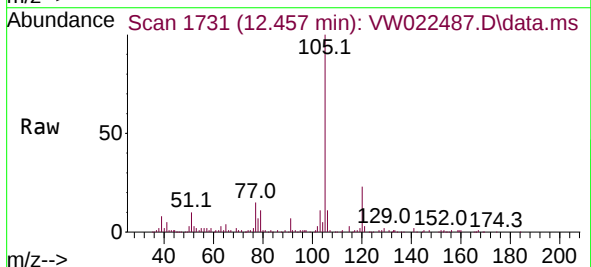
Instrument :
MSVOA_W
ClientSampleId :

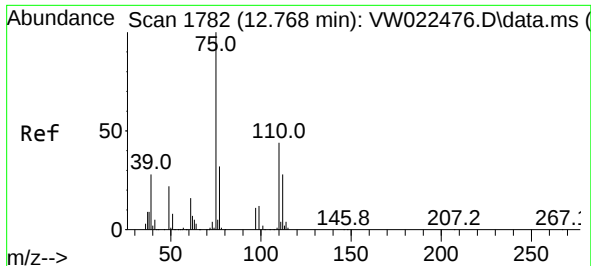
Tgt Ion:106 Resp: 19227
Ion Ratio Lower Upper
106 100
91 218.1 155.3 288.3



#60
Isopropylbenzene
Concen: 0.933 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

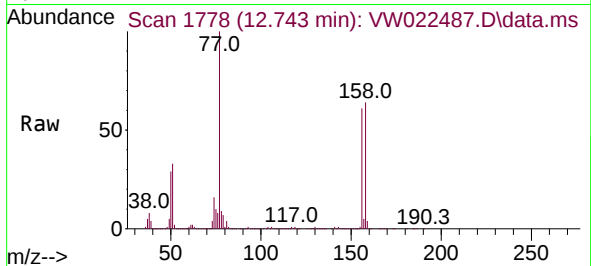
Tgt Ion:105 Resp: 33244
Ion Ratio Lower Upper
105 100
120 26.7 20.9 31.3
77 15.6 13.7 20.5



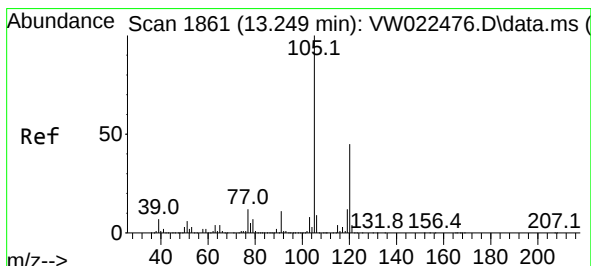
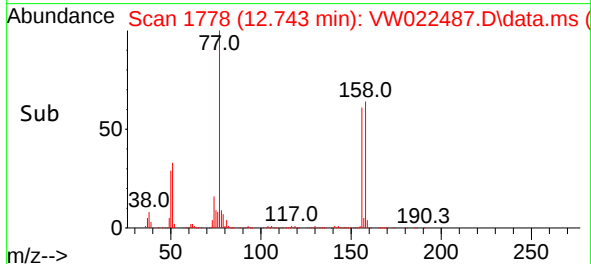
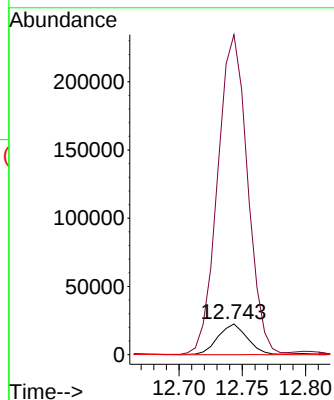


#61
1,2,3-Trichloropropane
Concen: 7.983 ug/L
RT: 12.743 min Scan# 1778
Delta R.T. -0.024 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

Instrument :
MSVOA_W
ClientSampleId :

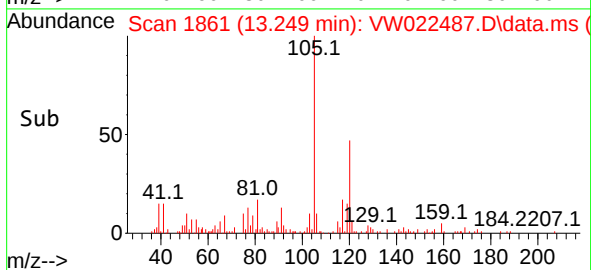
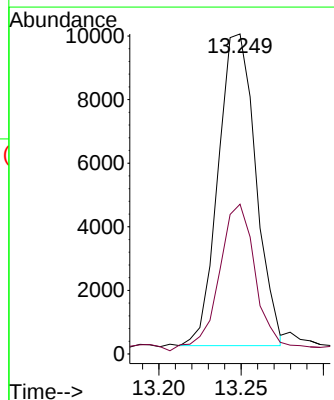
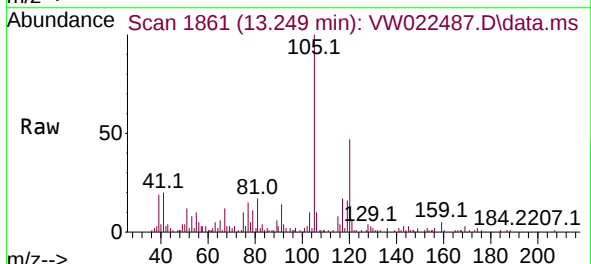


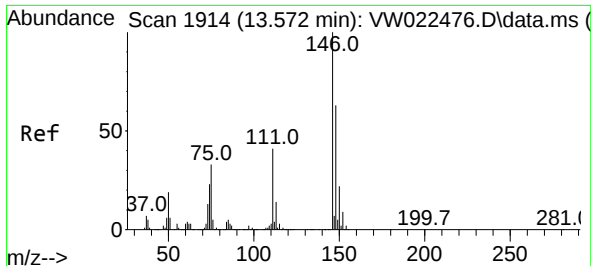
Tgt Ion: 75 Resp: 36411
Ion Ratio Lower Upper
75 100
77 1059.5 25.7 38.5#
110 0.2 31.8 47.6#



#63
1,2,4-Trimethylbenzene
Concen: 0.524 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

Tgt Ion: 105 Resp: 15598
Ion Ratio Lower Upper
105 100
120 46.5 34.2 51.2

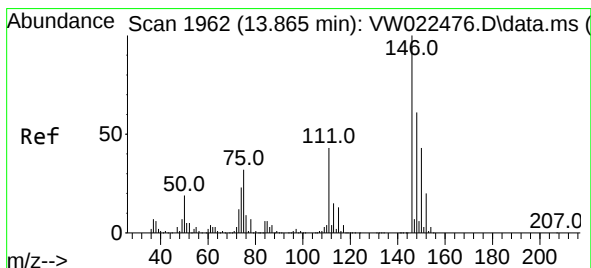
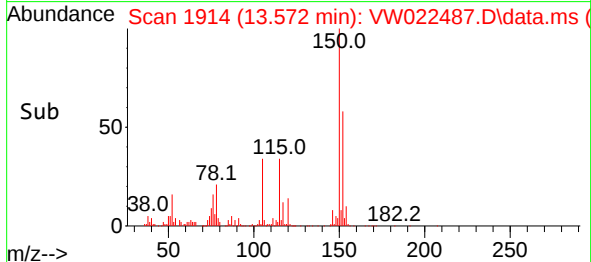
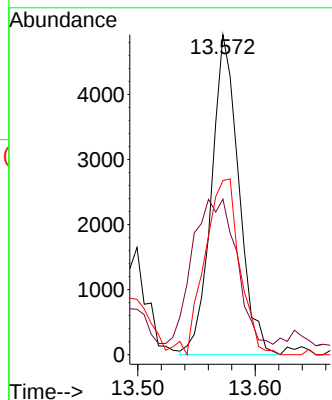
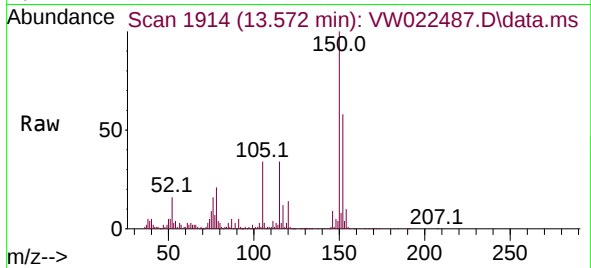




#65
1,4-Dichlorobenzene
Concen: 0.551 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

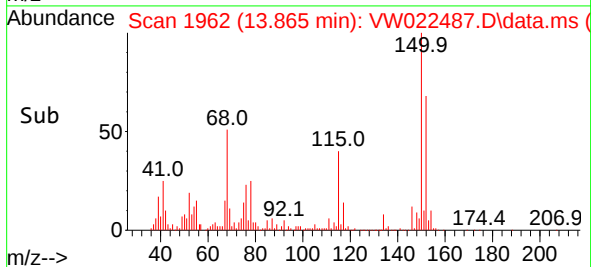
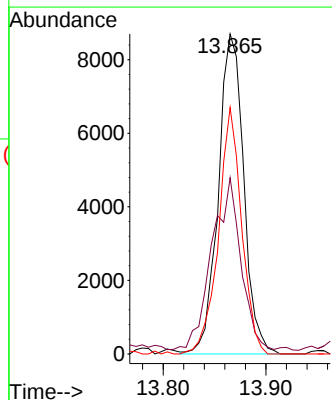
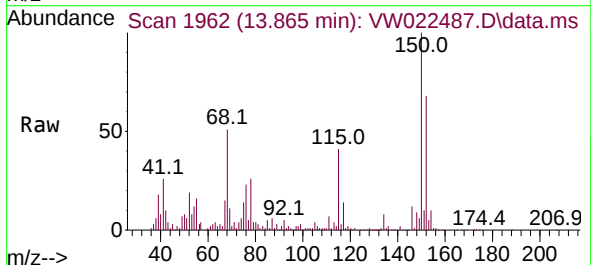
Instrument :
MSVOA_W
ClientSampleId :

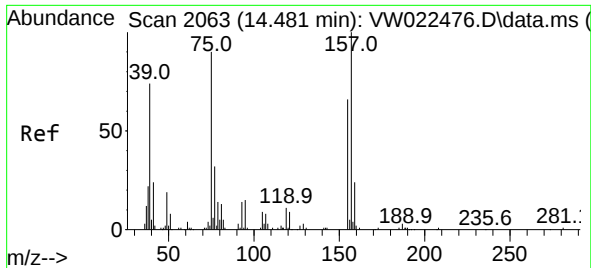
Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.6	28.5	52.9
148	54.4	44.4	82.4



#67
1,2-Dichlorobenzene
Concen: 1.153 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022487.D
Acq: 11 Apr 2022 16:57

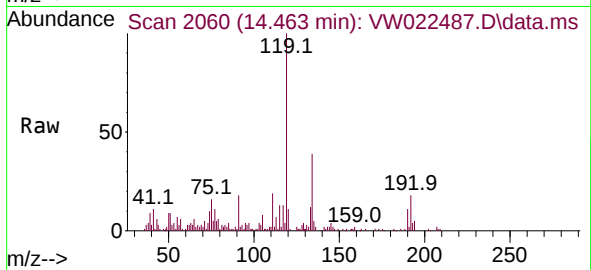
Tgt Ion	Ratio	Lower	Upper
146	100		
111	55.0	39.0	58.4
148	77.0	52.1	78.1





#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.924 ug/L
 RT: 14.463 min Scan# 2060
 Delta R.T. -0.018 min
 Lab File: VW022487.D
 Acq: 11 Apr 2022 16:57

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 3093
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.6 83.4#
 157 12.6 69.8 104.6#

