

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111121\
 Data File : VW020850.D
 Acq On : 11 Nov 2021 12:45
 Operator : SY/VA
 Sample : M4615-01
 Misc : 5.24g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 12 06:17:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 12 06:15:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.811	114	14758	25.000	ug/L	#-0.03
28) Chlorobenzene-d5	11.633	117	194331	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	104460	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	443	3.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	12.760%#
7) Chloroethane-d5	2.903	69	210	2.658	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	10.640%#
11) 1,1-Dichloroethene-d2	3.903	63	13613	46.740	ug/L	-0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	186.960%#
21) 2-Butanone-d5	7.043	46	4096	88.885	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	177.780%#
24) Chloroform-d	7.640	84	40761	124.303	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	497.200%#
26) 1,2-Dichloroethane-d4	8.287	65	11065	63.385	ug/L	-0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	253.560%#
32) Benzene-d6	8.244	84	144698	16.480	ug/L	-0.03
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.920%
36) 1,2-Dichloropropane-d6	9.372	67	59333	21.827	ug/L	0.10
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.320%
41) Toluene-d8	10.371	98	198725	23.265	ug/L	0.05
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.040%
43) trans-1,3-Dichloroprop...	10.567	79	34904	25.888	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.560%
47) 2-Hexanone-d5	10.695	63	37	0.067	ug/L	-0.23
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.280%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	57304	25.436	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	81769	24.908	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	221	3.672	ug/L #	1
3) Chloromethane	1.983	50	708138	4497.177	ug/L	85
13) Acetone	4.184	43	175004	4080.697	ug/L	76
15) Methyl Acetate	4.683	43	933359	12279.959	ug/L #	90
18) Methyl tert-butyl Ether	5.372	73	450316	1585.617	ug/L #	1
19) 1,1-Dichloroethane	6.250	63	258	0.742	ug/L #	1
22) 2-Butanone	7.274	43	569	9.985	ug/L	80
25) Chloroform	7.823	83	987	2.727	ug/L #	18
34) Trichloroethene	9.055	95	49882	16.102	ug/L #	1
37) 1,2-Dichloropropane	9.359	63	13657	4.956	ug/L #	1
38) Bromodichloromethane	9.683	83	1052185	272.779	ug/L #	26
40) 4-Methyl-2-pentanone	10.219	43	15080	8.374	ug/L #	47
42) Toluene	10.426	91	49445	3.951	ug/L	84
48) 2-Hexanone	10.926	43	15917	12.104	ug/L #	48
52) Ethylbenzene	11.585	91	46570	3.321	ug/L	98
53) m,p-Xylene	11.841	106	86710	15.434	ug/L	86
54) o-Xylene	12.170	106	8447	1.587	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	106345	8.596	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	166227	13.525	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111121\
Data File : VW020850.D
Acq On : 11 Nov 2021 12:45
Operator : SY/VA
Sample : M4615-01
Misc : 5.24g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 12 06:17:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 12 06:15:35 2021
Response via : Initial Calibration

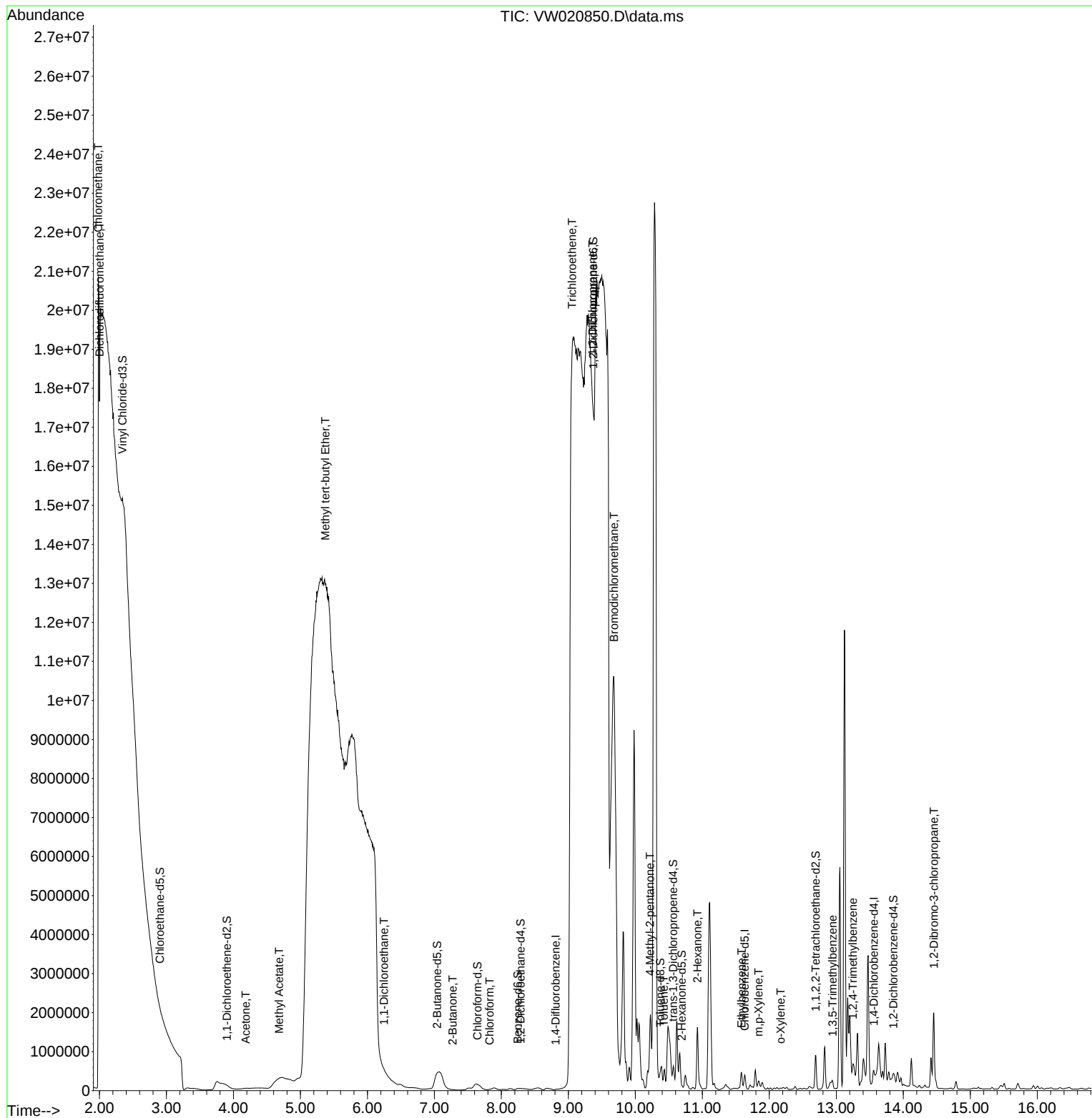
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	14.456	75	10601	25.121	ug/L #	10

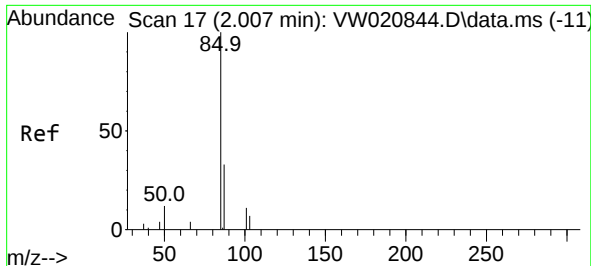
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111121\
Data File : VW020850.D
Acq On : 11 Nov 2021 12:45
Operator : SY/VA
Sample : M4615-01
Misc : 5.24g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 12 06:17:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 12 06:15:35 2021
Response via : Initial Calibration

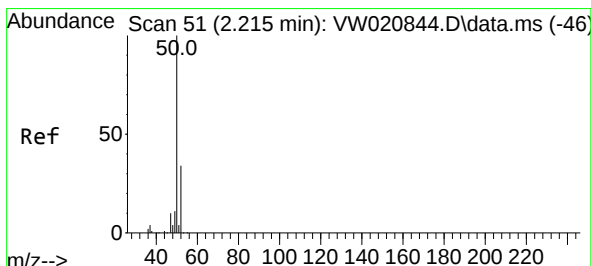
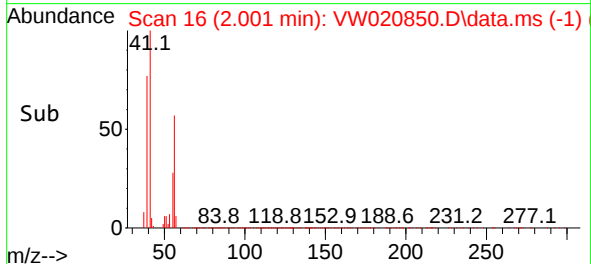
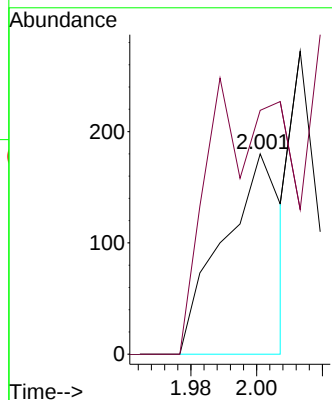
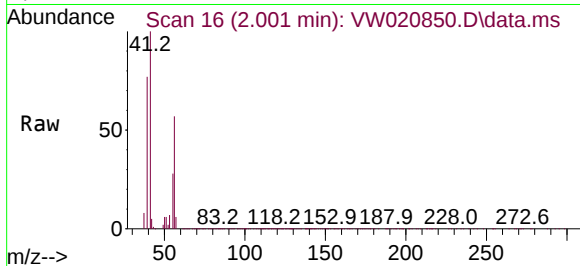




#2
Dichlorodifluoromethane
Concen: 3.672 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

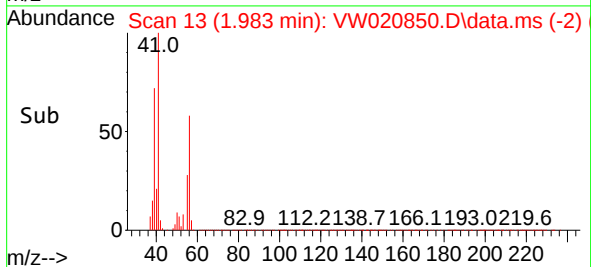
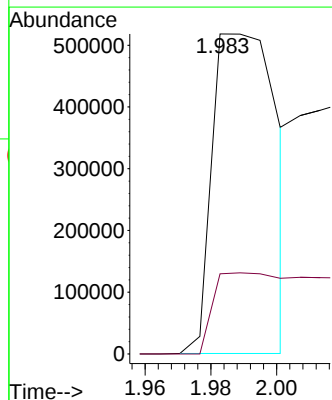
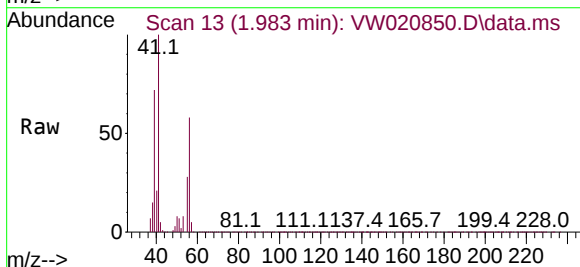
Instrument :
MSVOA_W
ClientSampleId :

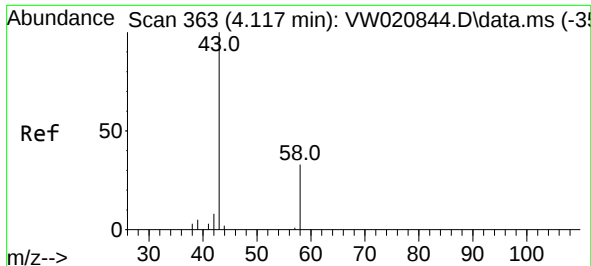
Tgt Ion: 85 Resp: 221
Ion Ratio Lower Upper
85 100
87 95.5 25.8 38.6#



#3
Chloromethane
Concen: 4497.177 ug/L
RT: 1.983 min Scan# 13
Delta R.T. -0.232 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 50 Resp: 708138
Ion Ratio Lower Upper
50 100
52 25.0 23.4 43.6

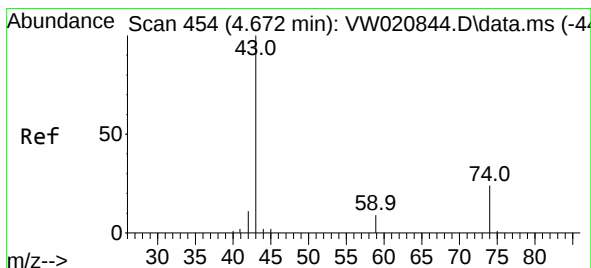
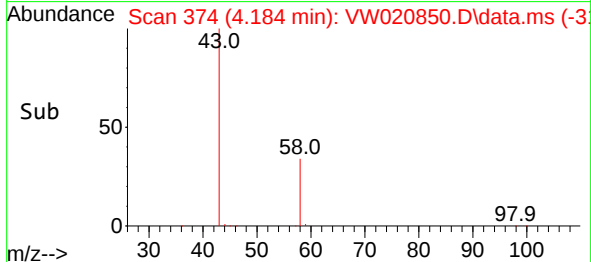
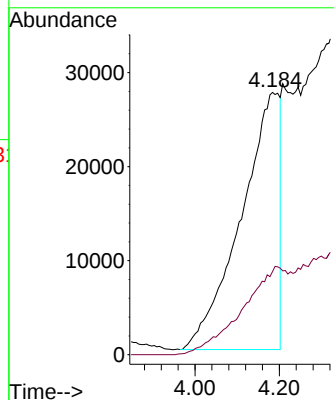
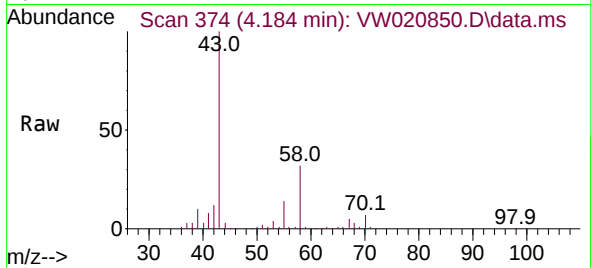




#13
Acetone
Concen: 4080.697 ug/L
RT: 4.184 min Scan# 31
Delta R.T. 0.067 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

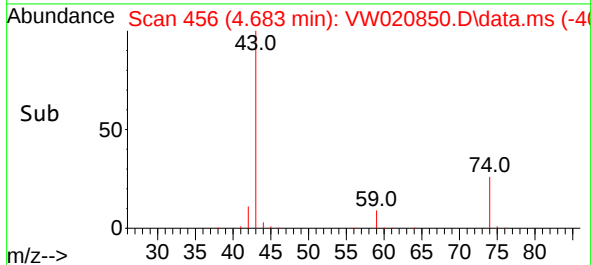
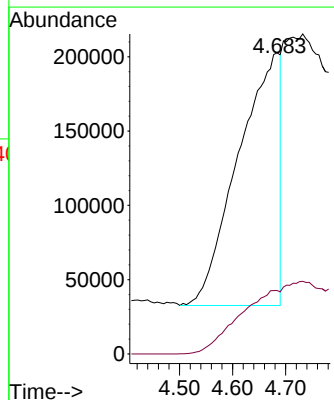
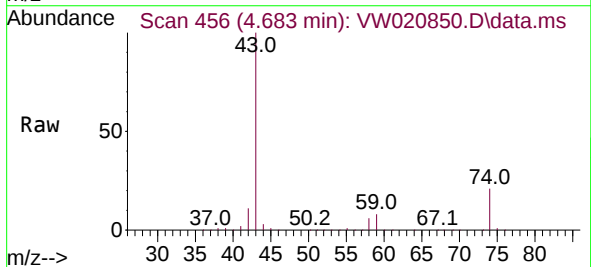
Instrument :
MSVOA_W
ClientSampleId :

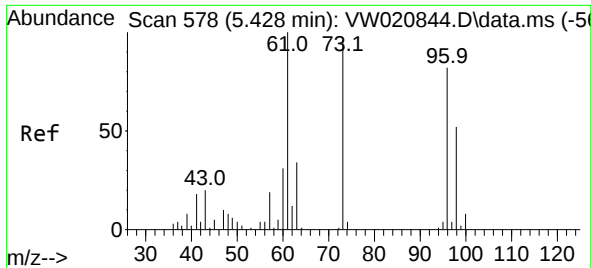
Tgt Ion: 43 Resp: 175004
Ion Ratio Lower Upper
43 100
58 38.7 0.0 52.8



#15
Methyl Acetate
Concen: 12279.959 ug/L
RT: 4.683 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 43 Resp: 933359
Ion Ratio Lower Upper
43 100
74 25.1 16.4 24.6#

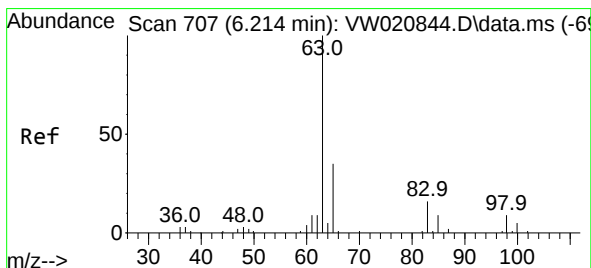
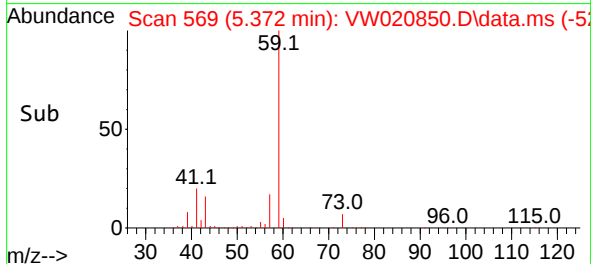
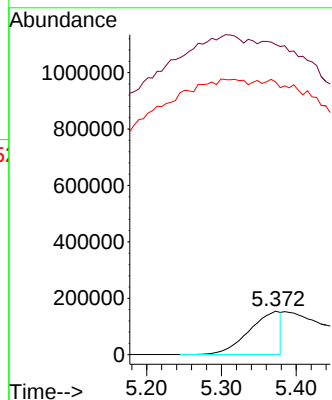
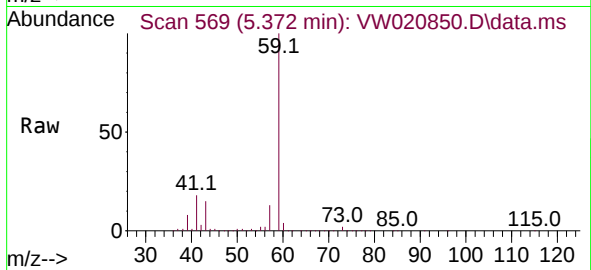




#18
Methyl tert-butyl Ether
Concen: 1585.617 ug/L
RT: 5.372 min Scan# 51
Delta R.T. -0.055 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

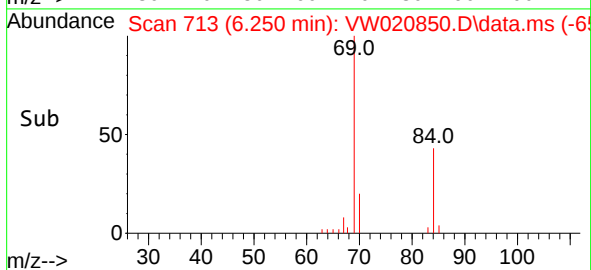
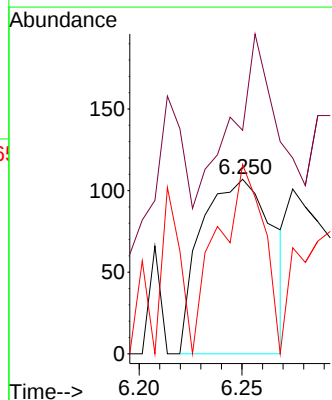
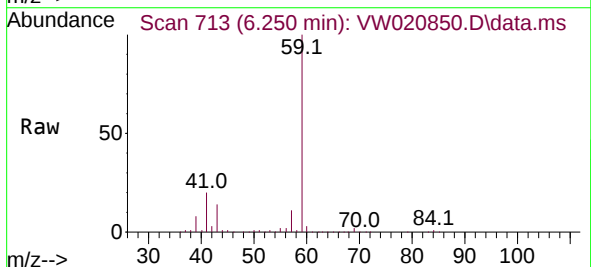
Instrument :
MSVOA_W
ClientSampleId :

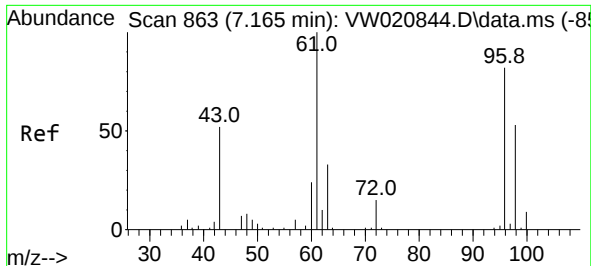
Tgt Ion: 73 Resp: 450316
Ion Ratio Lower Upper
73 100
43 461.6 19.5 29.3#
57 0.0 19.3 28.9#



#19
1,1-Dichloroethane
Concen: 0.742 ug/L
RT: 6.250 min Scan# 713
Delta R.T. 0.036 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 63 Resp: 258
Ion Ratio Lower Upper
63 100
65 128.0 22.1 41.1#
83 108.4 9.2 17.2#





#22

2-Butanone

Concen: 9.985 ug/L

RT: 7.274 min Scan# 8

Delta R.T. 0.109 min

Lab File: VW020850.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_W

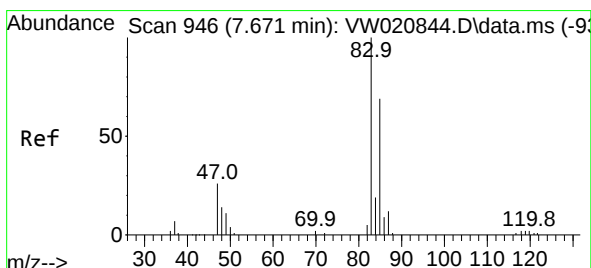
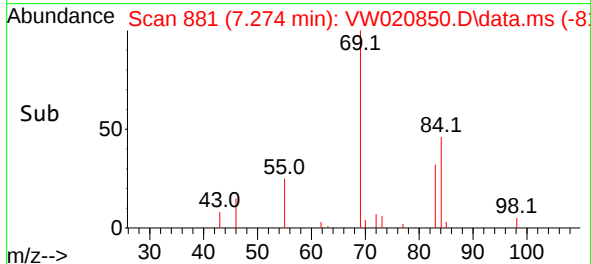
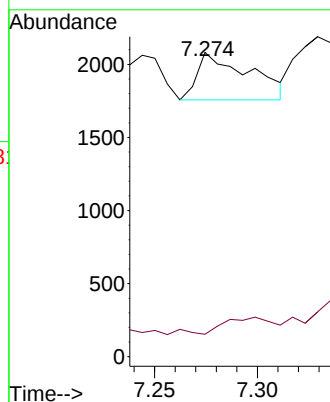
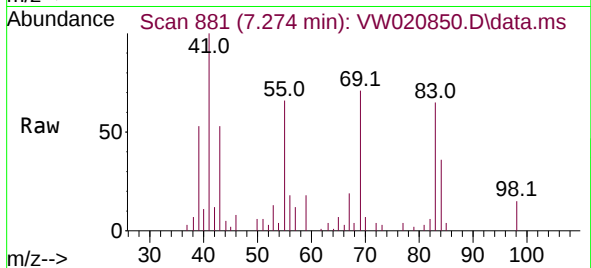
ClientSampleId :

Tgt Ion: 43 Resp: 569

Ion Ratio Lower Upper

43 100

72 33.6 11.8 35.4



#25

Chloroform

Concen: 2.727 ug/L

RT: 7.823 min Scan# 971

Delta R.T. 0.152 min

Lab File: VW020850.D

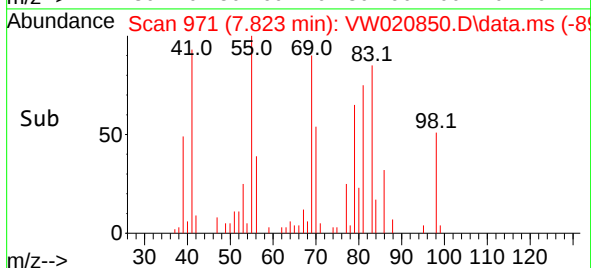
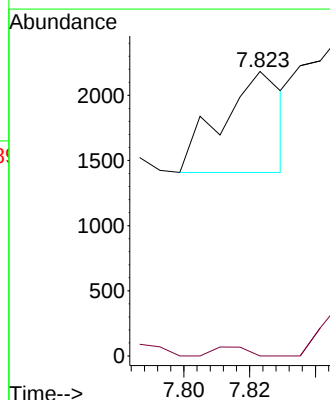
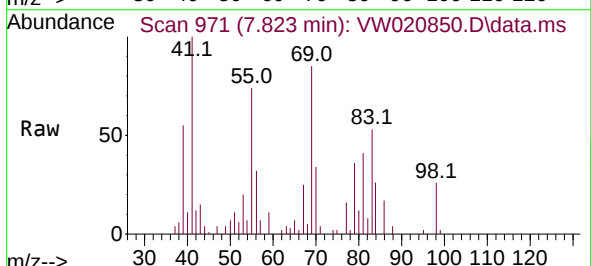
Acq: 11 Nov 2021 12:45

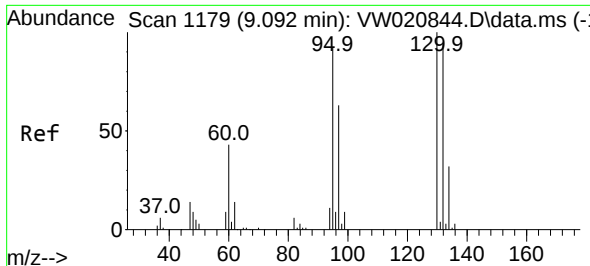
Tgt Ion: 83 Resp: 987

Ion Ratio Lower Upper

83 100

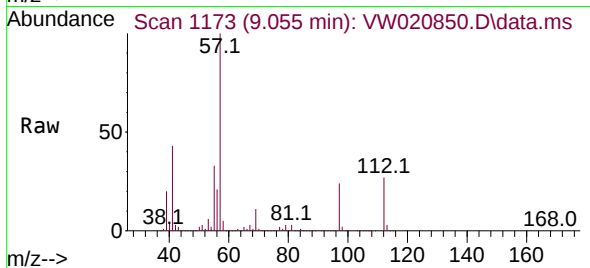
85 0.0 45.1 83.7#



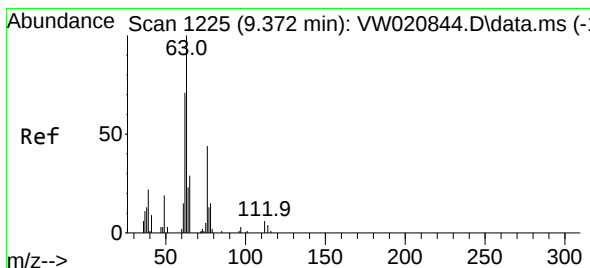
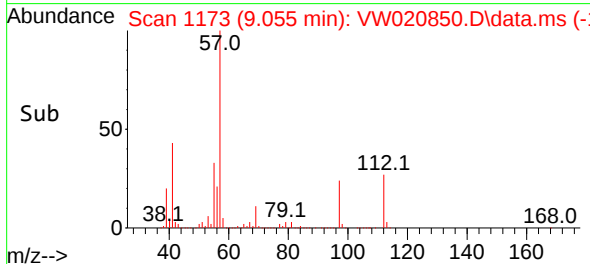
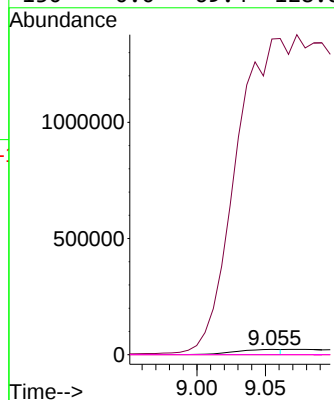


#34
Trichloroethene
Concen: 16.102 ug/L
RT: 9.055 min Scan# 1173
Delta R.T. -0.037 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

Instrument :
MSVOA_W
ClientSampleId :

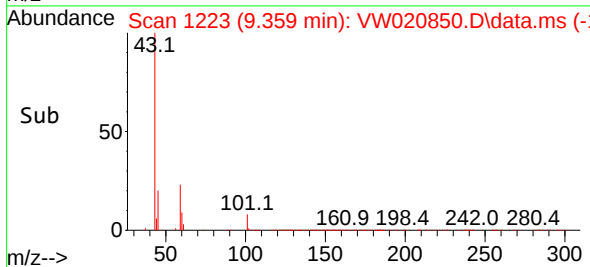
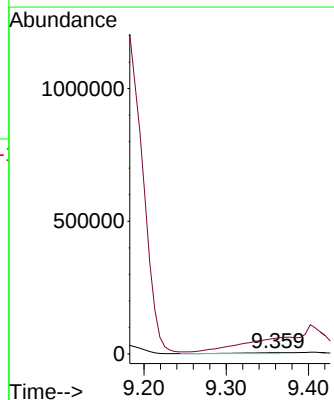
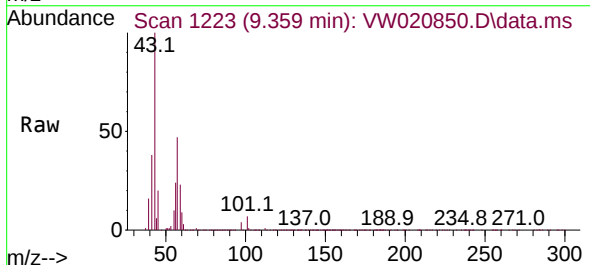


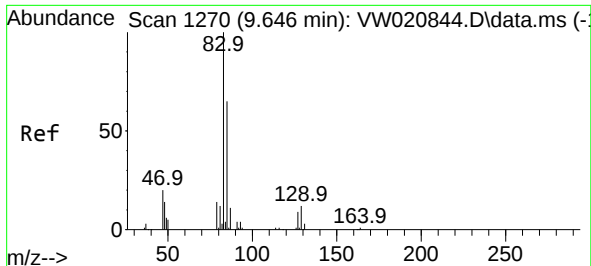
Tgt Ion: 95 Resp: 49882
Ion Ratio Lower Upper
95 100
97 6006.2 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#37
1,2-Dichloropropane
Concen: 4.956 ug/L
RT: 9.359 min Scan# 1223
Delta R.T. -0.012 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

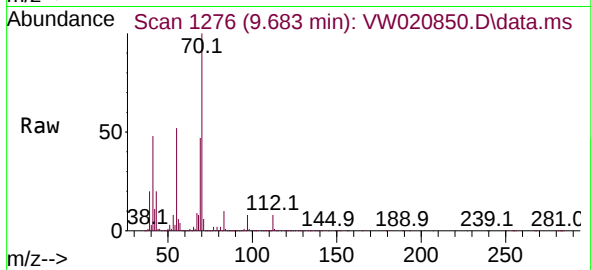
Tgt Ion: 63 Resp: 13657
Ion Ratio Lower Upper
63 100
112 1851.8 3.2 4.8#



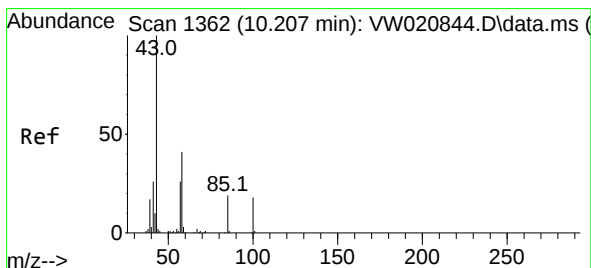
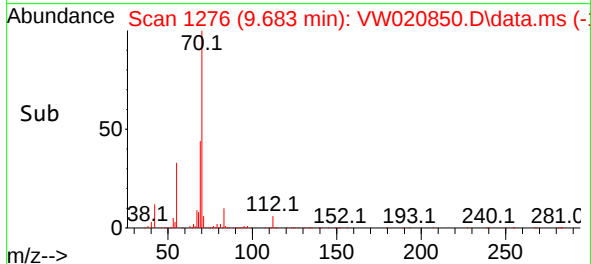
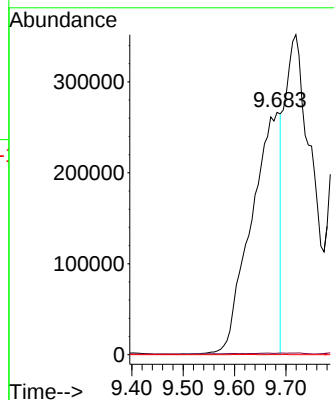


#38
Bromodichloromethane
Concen: 272.779 ug/L
RT: 9.683 min Scan# 11
Delta R.T. 0.036 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

Instrument :
MSVOA_W
ClientSampleId :

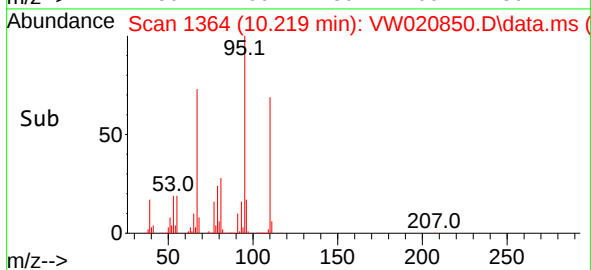
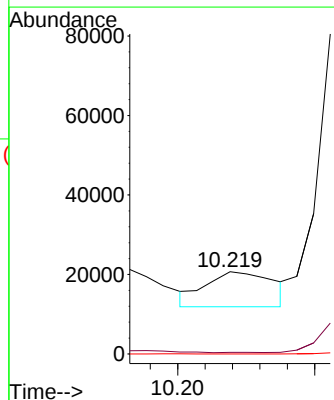
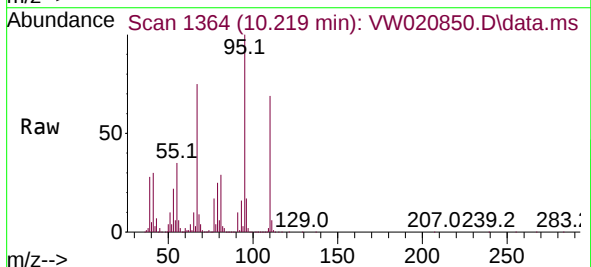


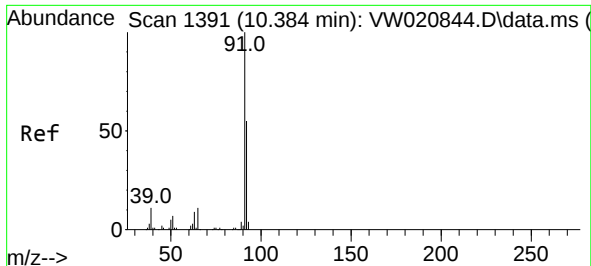
Tgt Ion: 83 Resp: 1052185
Ion Ratio Lower Upper
83 100
85 0.6 44.1 81.9#
127 0.0 6.1 9.1#



#40
4-Methyl-2-pentanone
Concen: 8.374 ug/L
RT: 10.219 min Scan# 1364
Delta R.T. 0.012 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 43 Resp: 15080
Ion Ratio Lower Upper
43 100
58 0.6 28.8 43.2#
100 0.0 10.0 15.0#

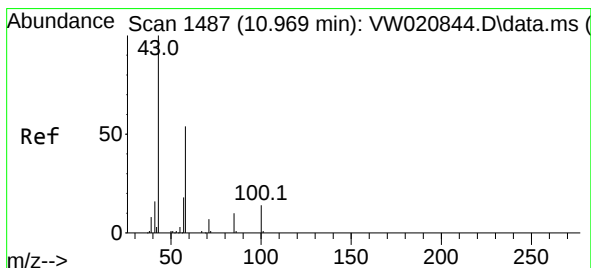
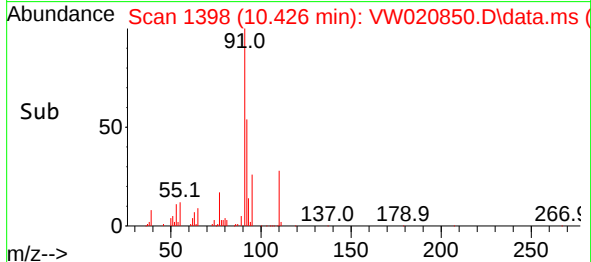
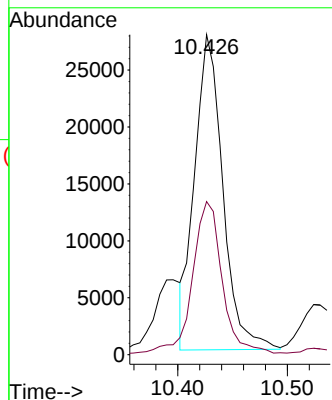
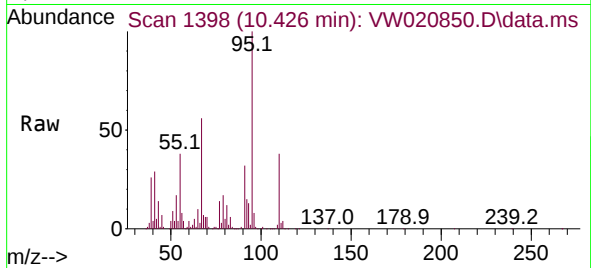




#42
Toluene
Concen: 3.951 ug/L
RT: 10.426 min Scan# 11
Delta R.T. 0.042 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

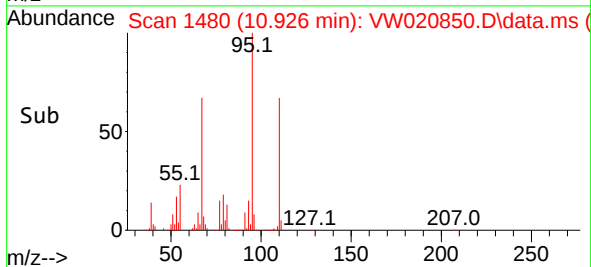
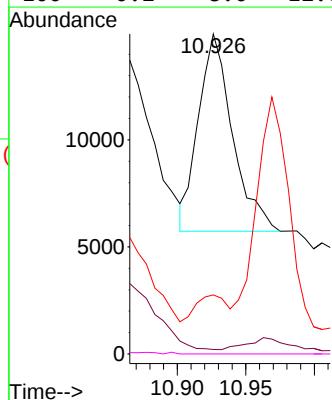
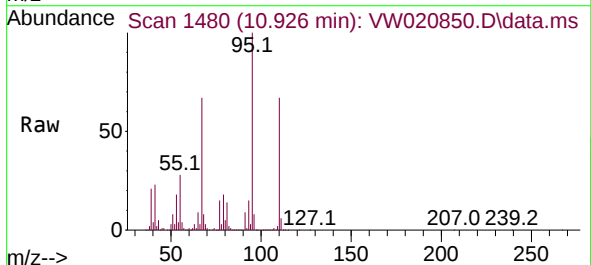
Instrument :
MSVOA_W
ClientSampleId :

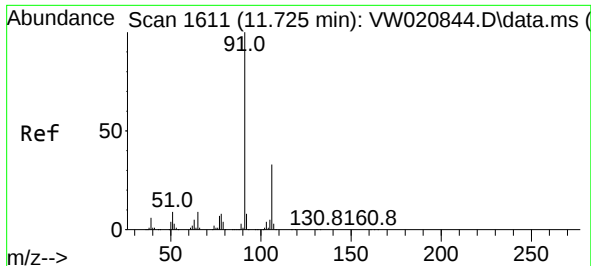
Tgt Ion: 91 Resp: 49445
Ion Ratio Lower Upper
91 100
92 47.9 41.7 77.5



#48
2-Hexanone
Concen: 12.104 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 43 Resp: 15917
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.2#
57 15.3 14.3 21.5
100 0.2 8.0 12.0#

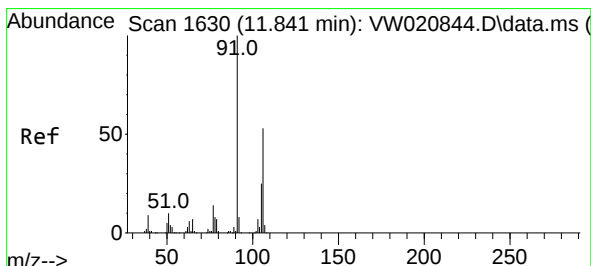
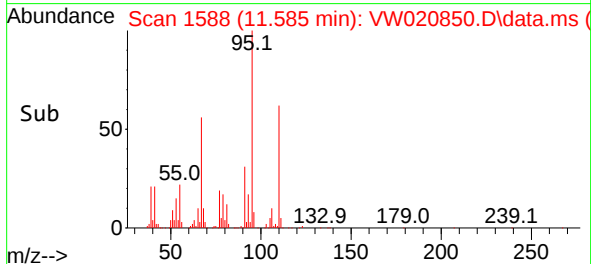
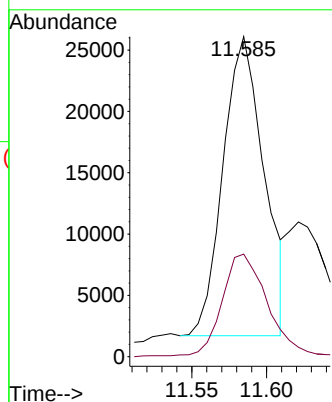
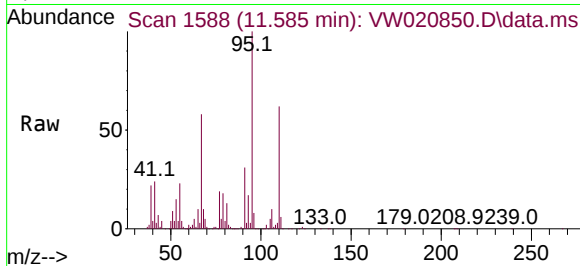




#52
Ethylbenzene
Concen: 3.321 ug/L
RT: 11.585 min Scan# 1588
Delta R.T. -0.141 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

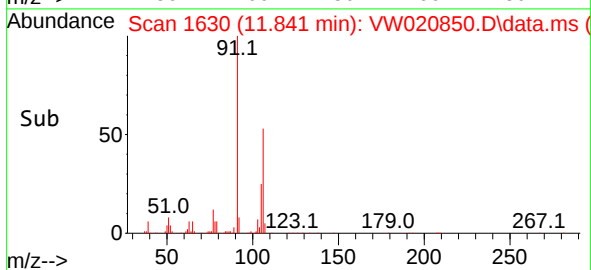
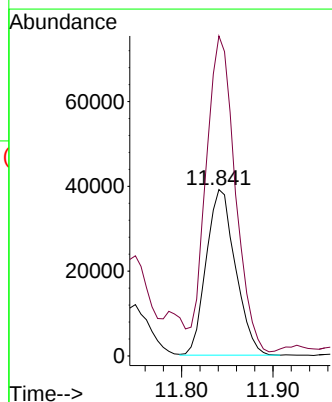
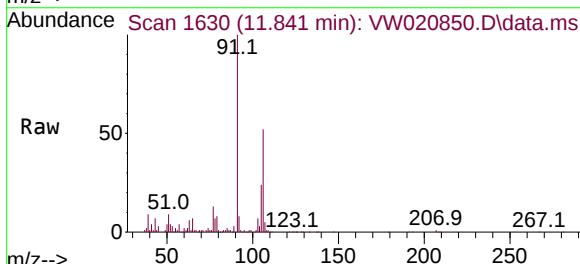
Instrument :
MSVOA_W
ClientSampleId :

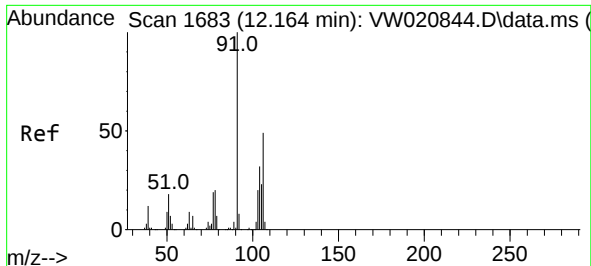
Tgt Ion: 91 Resp: 46570
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9



#53
m,p-Xylene
Concen: 15.434 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

Tgt Ion: 106 Resp: 86710
Ion Ratio Lower Upper
106 100
91 192.3 149.9 278.3

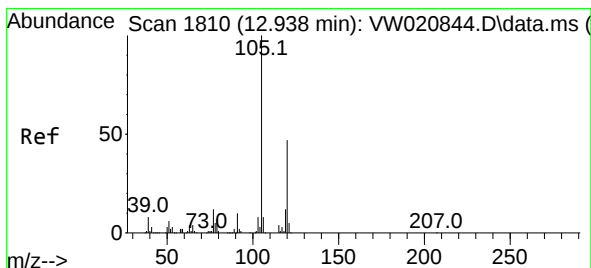
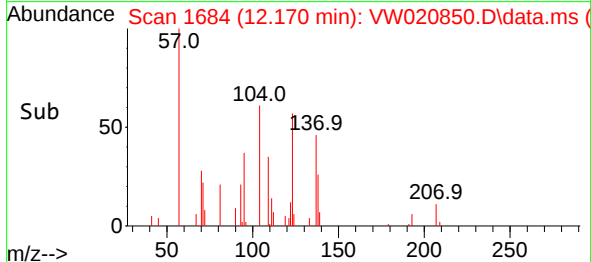
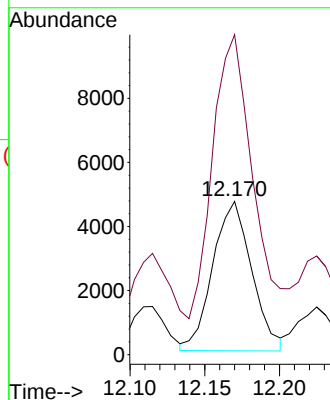
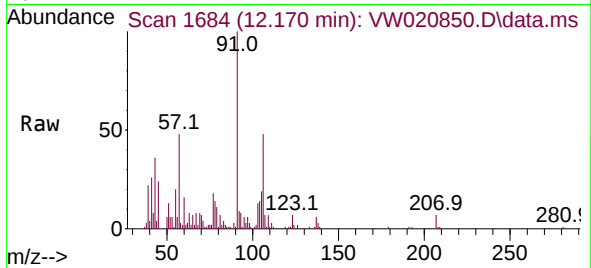




#54
o-Xylene
Concen: 1.587 ug/L
RT: 12.170 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

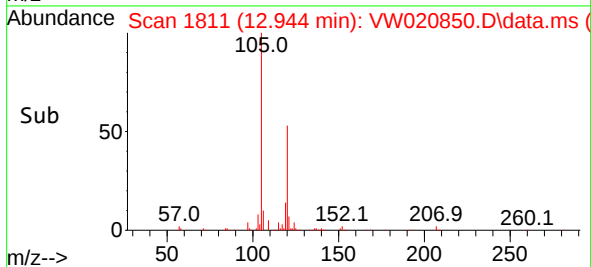
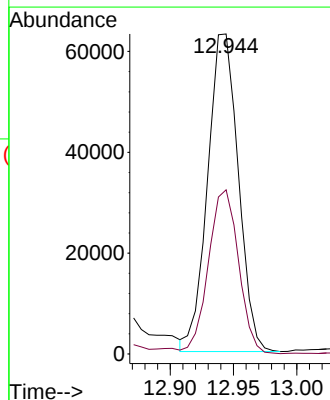
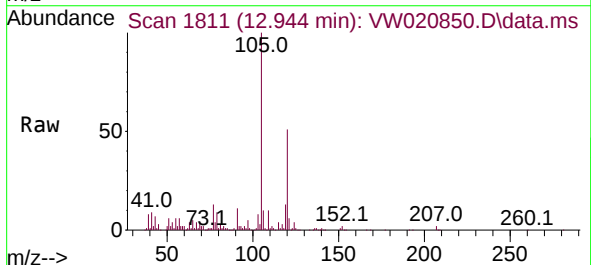
Instrument :
MSVOA_W
ClientSampleId :

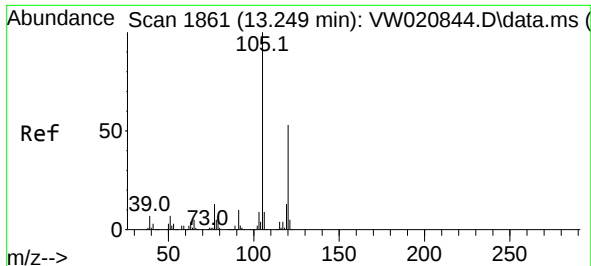
Tgt Ion:106 Resp: 8447
Ion Ratio Lower Upper
106 100
91 208.8 153.6 285.3



#62
1,3,5-Trimethylbenzene
Concen: 8.596 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW020850.D
Acq: 11 Nov 2021 12:45

Tgt Ion:105 Resp: 106345
Ion Ratio Lower Upper
105 100
120 50.6 37.4 56.2





#63

1,2,4-Trimethylbenzene

Concen: 13.525 ug/L

RT: 13.249 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020850.D

Acq: 11 Nov 2021 12:45

Instrument :

MSVOA_W

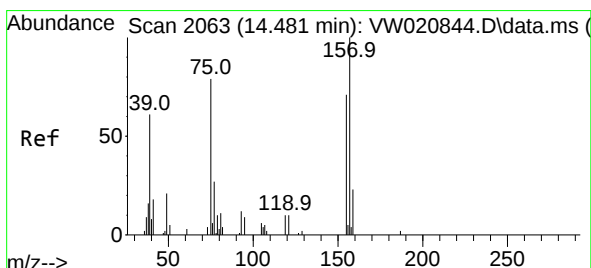
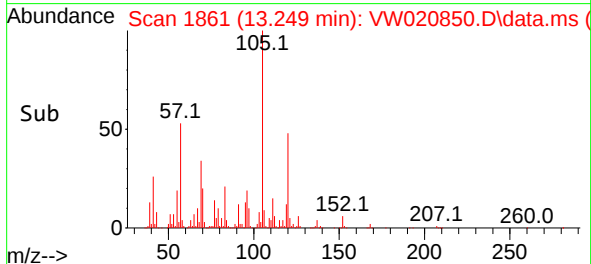
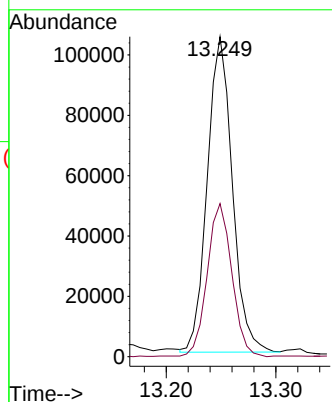
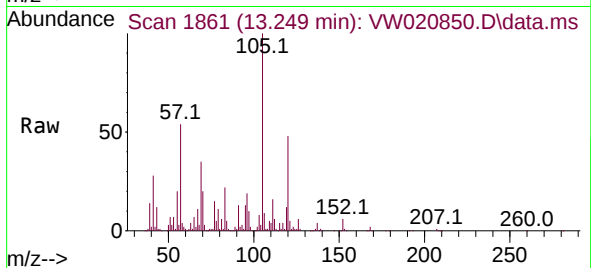
ClientSampleId :

Tgt Ion:105 Resp: 166227

Ion Ratio Lower Upper

105 100

120 47.6 35.0 52.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.121 ug/L

RT: 14.456 min Scan# 2059

Delta R.T. -0.025 min

Lab File: VW020850.D

Acq: 11 Nov 2021 12:45

Tgt Ion: 75 Resp: 10601

Ion Ratio Lower Upper

75 100

155 0.0 54.2 81.2#

157 0.0 69.4 104.2#

