

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020788.D
 Acq On : 05 Nov 2021 18:48
 Operator : SY/VA
 Sample : M4464-02MS
 Misc : 6.04g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 08 04:54:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	125213	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	99667	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	29560	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26922	22.868	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.480%
7) Chloroethane-d5	2.879	69	16215	24.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.240%
11) 1,1-Dichloroethene-d2	4.031	63	90963	36.811	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	147.240%#
21) 2-Butanone-d5	7.098	46	25773	65.919	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.840%
24) Chloroform-d	7.652	84	59535	21.399	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	8.305	65	35656	24.074	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.280%
32) Benzene-d6	8.274	84	105855	23.508	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.040%
36) 1,2-Dichloropropane-d6	9.274	67	33623	24.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	10.329	98	92308	21.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.280%
43) trans-1,3-Dichloroprop...	10.579	79	18515	26.775	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.120%
47) 2-Hexanone-d5	10.920	63	21036	74.572	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.140%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	34400	29.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	20340	21.895	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.600%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.007	85	24227	47.451	ug/L	100
3) Chloromethane	2.214	50	32634	24.427	ug/L	99
5) Vinyl chloride	2.355	62	208389	108.143	ug/L	98
6) Bromomethane	2.769	94	23937	24.002	ug/L	100
8) Chloroethane	2.916	64	23662	33.395	ug/L	97
9) Trichlorofluoromethane	3.251	101	12292	12.027	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	272639	162.193	ug/L	93
12) 1,1-Dichloroethene	4.037	96	114893	71.721	ug/L #	68
13) Acetone	4.117	43	705809	1964.609	ug/L	94
14) Carbon disulfide	4.385	76	108032	22.342	ug/L	98
15) Methyl Acetate	4.665	43	19656	28.837	ug/L	93
16) Methylene chloride	4.915	84	38247	20.628	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	57244	33.616	ug/L	88
18) Methyl tert-butyl Ether	5.427	73	56080	23.274	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	1212596	411.160	ug/L	98
23) Bromochloromethane	7.512	128	19524	23.570	ug/L #	76
25) Chloroform	7.677	83	66860	21.776	ug/L	100
27) 1,2-Dichloroethane	8.402	62	68503	34.465	ug/L	97
29) Cyclohexane	7.957	56	63904	24.575	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020788.D
 Acq On : 05 Nov 2021 18:48
 Operator : SY/VA
 Sample : M4464-02MS
 Misc : 6.04g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

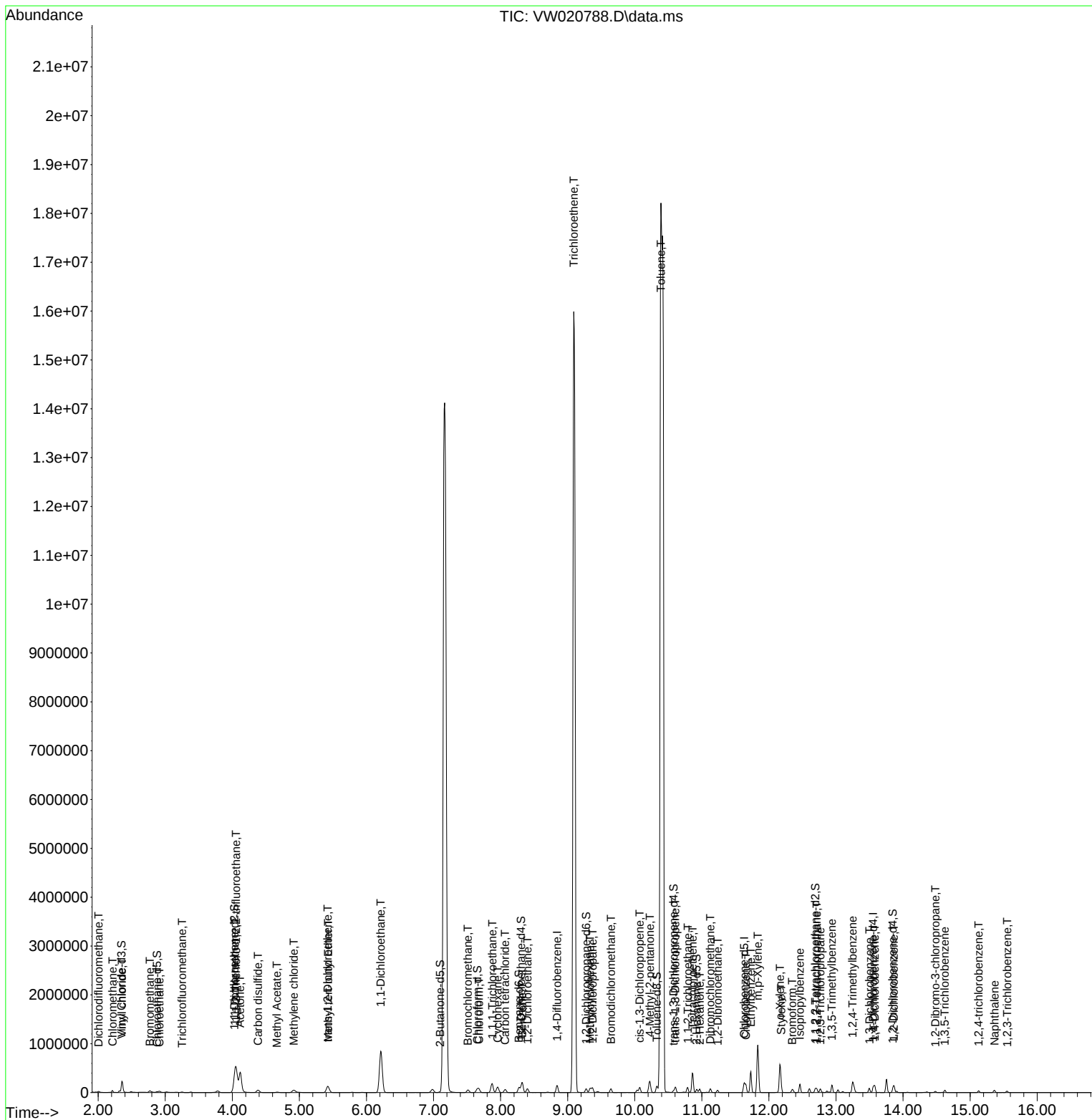
Quant Time: Nov 08 04:54:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:38:07 2021
 Response via : Initial Calibration

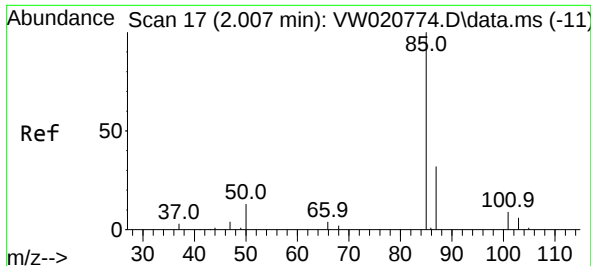
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) 1,1,1-Trichloroethane	7.878	97	146493	61.850	ug/L	95
31) Carbon tetrachloride	8.067	117	46934	20.824	ug/L	98
33) Benzene	8.323	78	184815	30.962	ug/L	100
34) Trichloroethene	9.091	95	6342211	3991.710	ug/L	89
35) Methylcyclohexane	9.335	83	36465	13.152	ug/L	91
37) 1,2-Dichloropropane	9.372	63	34185	24.189	ug/L	98
38) Bromodichloromethane	9.646	83	49795	25.171	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	58572	25.466	ug/L	99
40) 4-Methyl-2-pentanone	10.225	43	186104	201.492	ug/L #	95
42) Toluene	10.390	91	15167470	2363.006	ug/L	90
44) trans-1,3-Dichloropropene	10.603	75	56562	27.188	ug/L	99
45) 1,1,2-Trichloroethane	10.792	97	31694	30.219	ug/L	91
46) Tetrachloroethene	10.865	164	91081	63.912	ug/L	97
48) 2-Hexanone	10.969	43	55136	81.752	ug/L	93
49) Dibromochloromethane	11.127	129	37536	26.208	ug/L	96
50) 1,2-Dibromoethane	11.237	107	30292	28.485	ug/L #	100
51) Chlorobenzene	11.658	112	82321	19.884	ug/L	94
52) Ethylbenzene	11.731	91	293338	40.789	ug/L	95
53) m,p-Xylene	11.835	106	295874	102.685	ug/L	90
54) o-Xylene	12.164	106	135655	49.700	ug/L	96
55) Styrene	12.182	104	87486	18.854	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	34582	28.133	ug/L #	94
59) Bromoform	12.347	173	23464	46.929	ug/L	99
60) Isopropylbenzene	12.463	105	106928	26.245	ug/L	96
61) 1,2,3-Trichloropropane	12.767	75	27032	55.336	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	81376	23.243	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	138498	39.823	ug/L	88
64) 1,3-Dichlorobenzene	13.499	146	36211	19.169	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	38128	20.262	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	44631	26.747	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	5869	49.148	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.621	180	15657	10.442	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	11092	8.874	ug/L	96
71) Naphthalene	15.365	128	40374	19.109	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	10291	9.688	ug/L	99

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

Quant Time: Nov 08 04:54:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Nov 08 04:38:07 2021
Response via : Initial Calibration

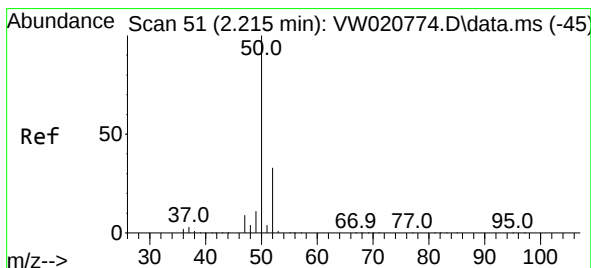
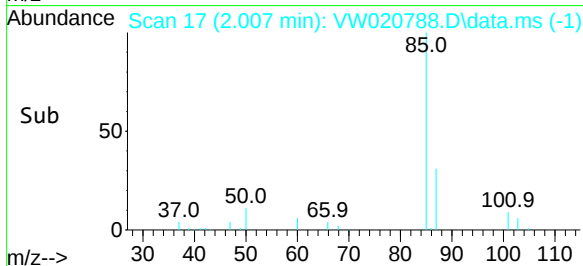
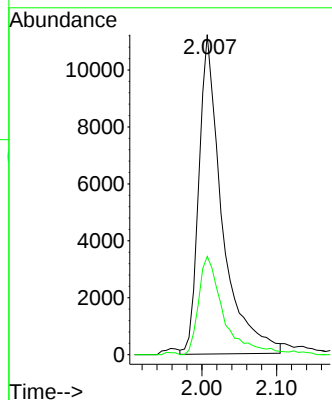
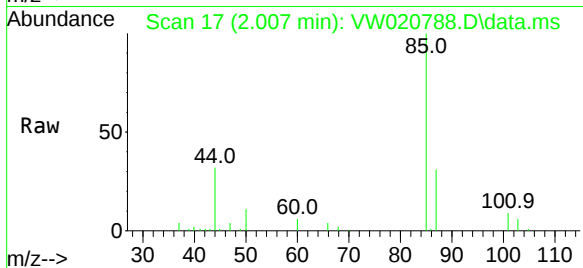




#2
 Dichlorodifluoromethane
 Concen: 47.451 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020788.D
 Acq: 05 Nov 2021 18:48

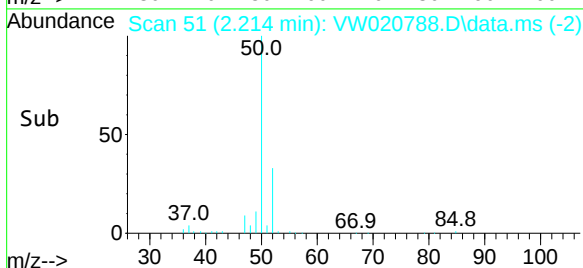
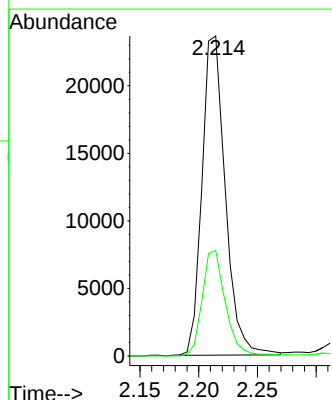
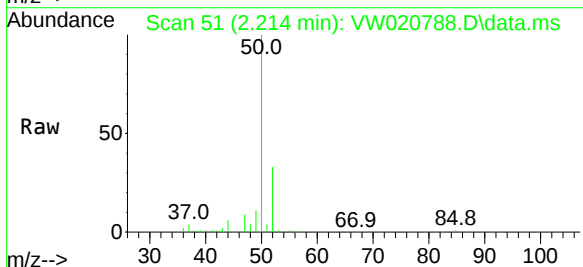
Instrument :
 MSVOA_W
 ClientSampleId :

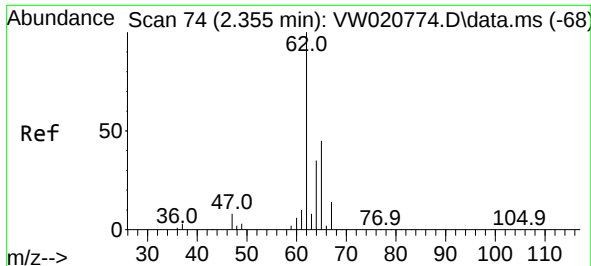
Tgt Ion: 85 Resp: 24227
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 24.427 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020788.D
 Acq: 05 Nov 2021 18:48

Tgt Ion: 50 Resp: 32634
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.6

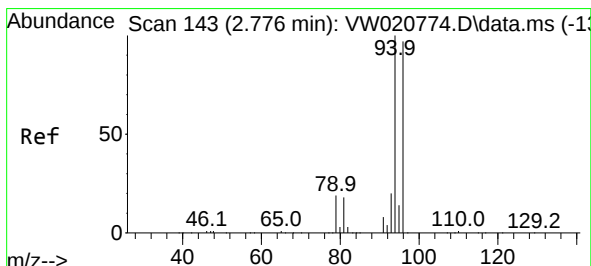
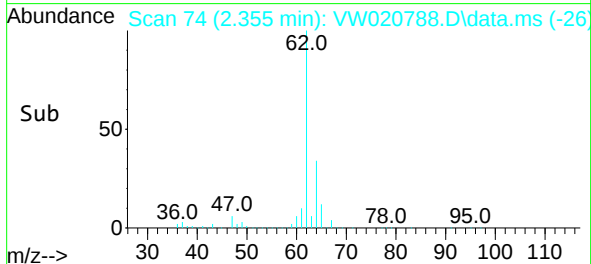
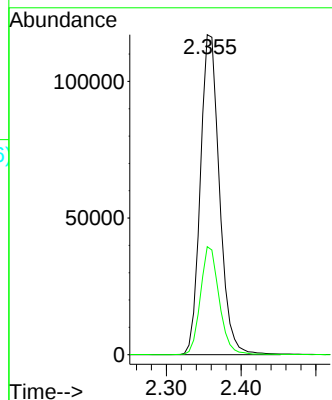
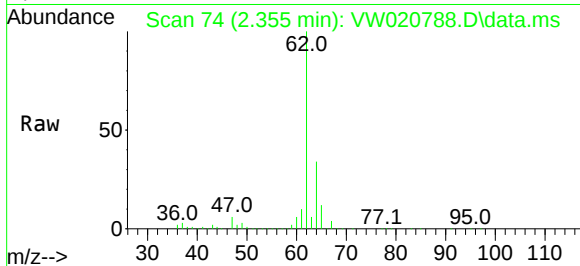




#5
 Vinyl chloride
 Concen: 108.143 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020788.D
 Acq: 05 Nov 2021 18:48

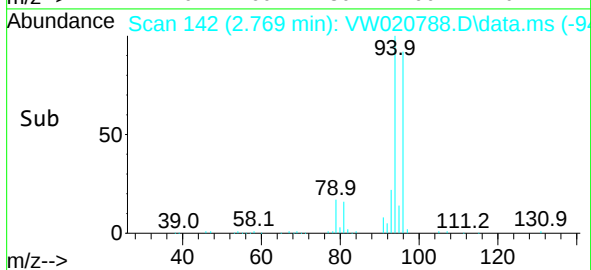
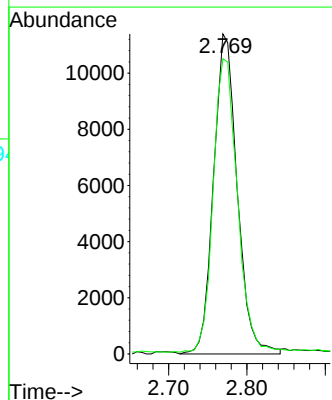
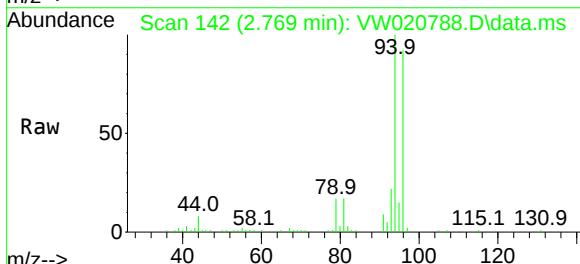
Instrument :
 MSVOA_W
 ClientSampleId :

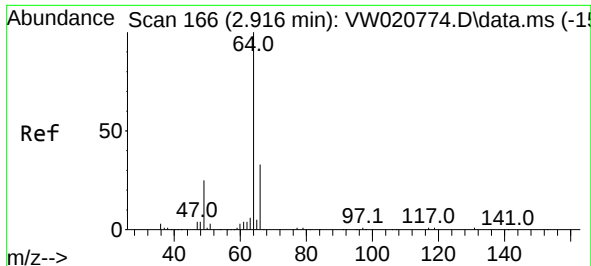
Tgt Ion: 62 Resp: 208389
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.4 45.2



#6
 Bromomethane
 Concen: 24.002 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.007 min
 Lab File: VW020788.D
 Acq: 05 Nov 2021 18:48

Tgt Ion: 94 Resp: 23937
 Ion Ratio Lower Upper
 94 100
 96 92.3 64.8 120.4

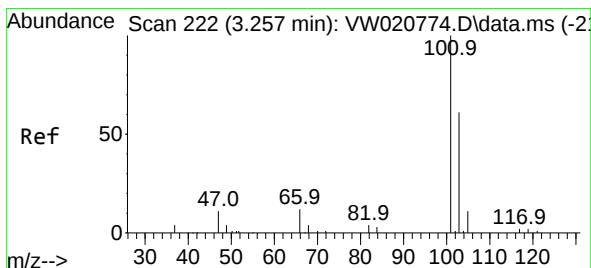
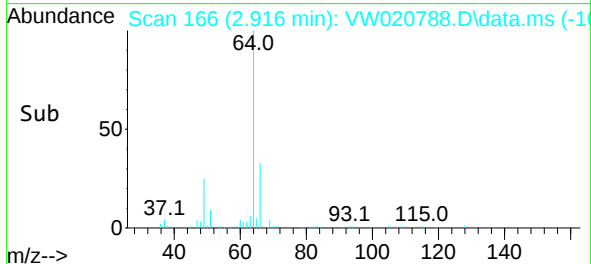
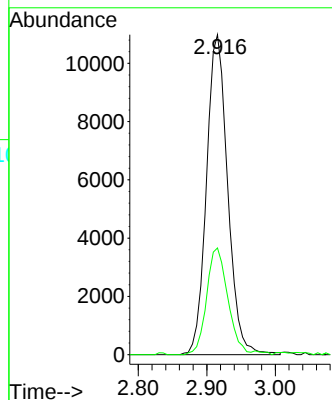
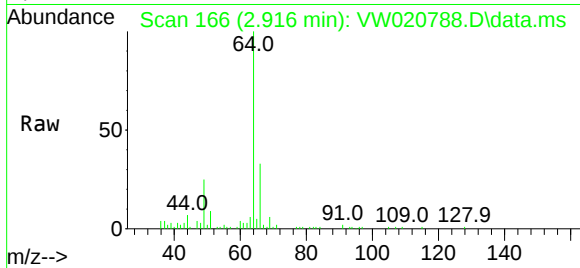




#8
Chloroethane
Concen: 33.395 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

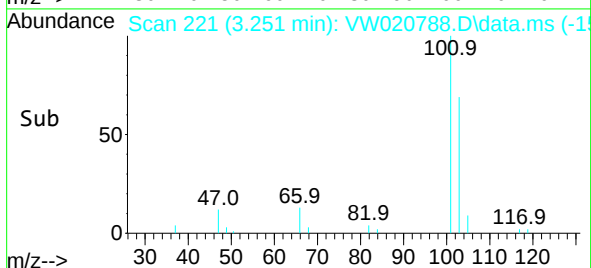
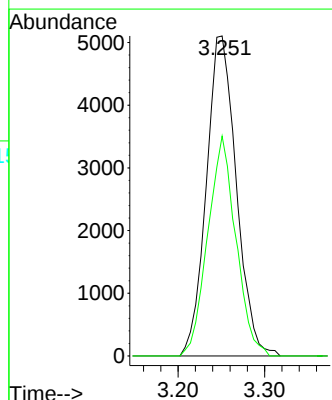
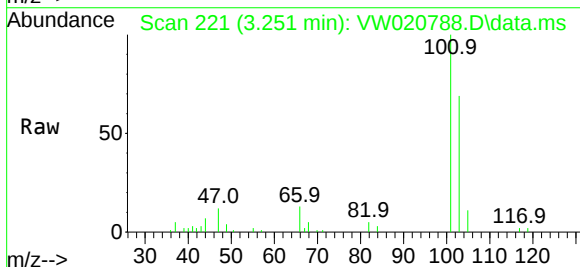
Instrument :
MSVOA_W
ClientSampleId :

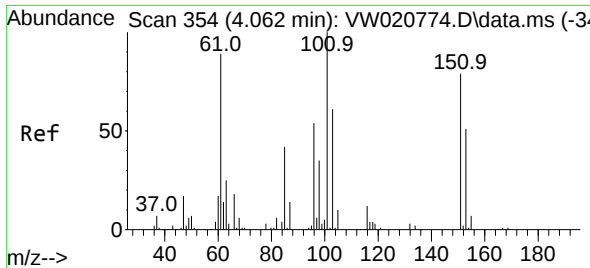
Tgt Ion: 64 Resp: 23662
Ion Ratio Lower Upper
64 100
66 33.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 12.027 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

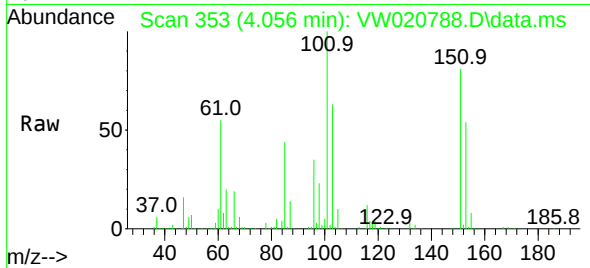
Tgt Ion:101 Resp: 12292
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2



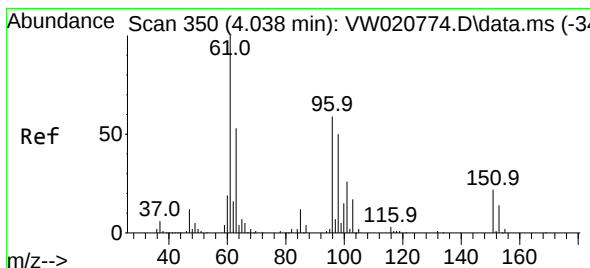
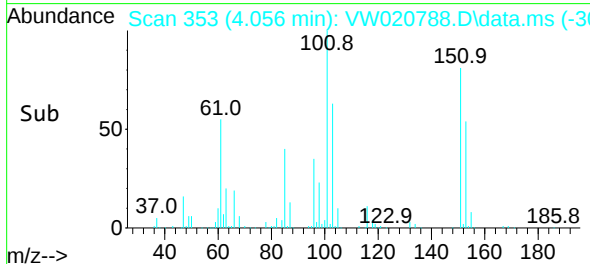
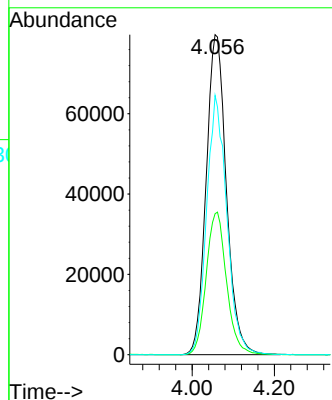


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 162.193 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW020788.D
 Acq: 05 Nov 2021 18:48

Instrument :
 MSVOA_W
 ClientSampleId :

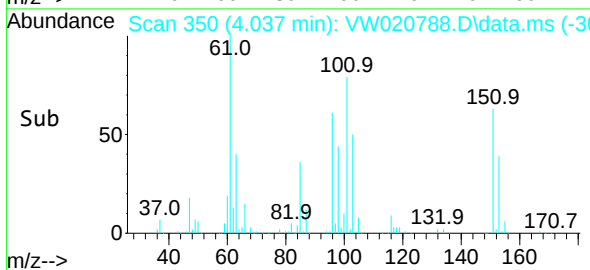
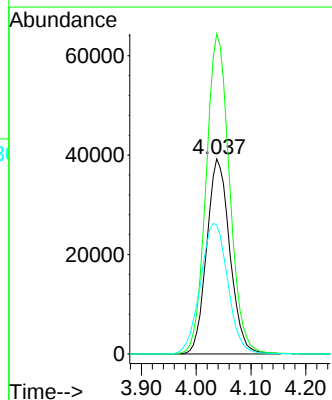
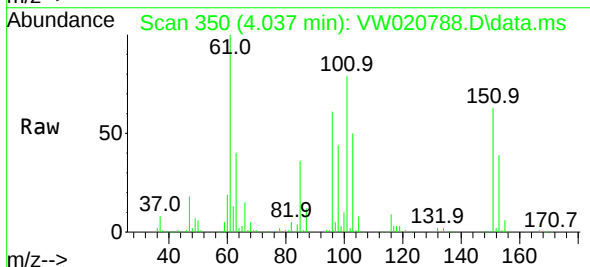


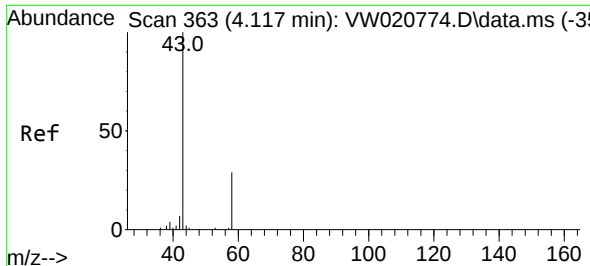
Tgt Ion:101 Resp: 272639
 Ion Ratio Lower Upper
 101 100
 85 44.7 36.6 54.8
 151 80.7 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 71.721 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW020788.D
 Acq: 05 Nov 2021 18:48

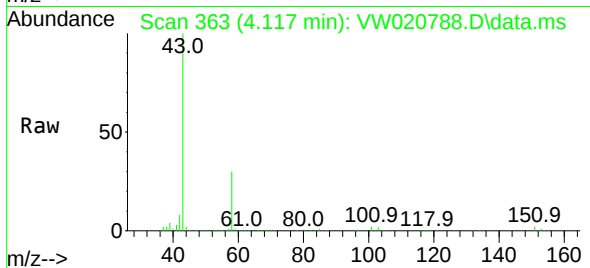
Tgt Ion: 96 Resp: 114893
 Ion Ratio Lower Upper
 96 100
 61 164.0 138.3 256.9
 63 66.1 82.6 153.4#



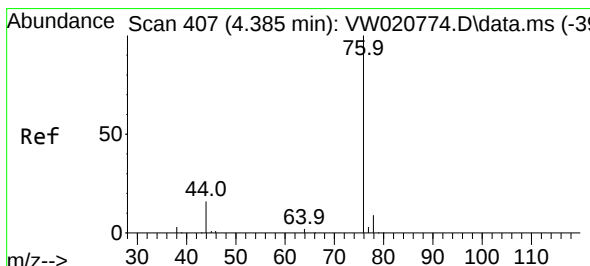
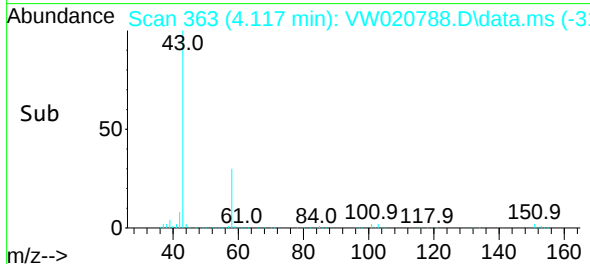
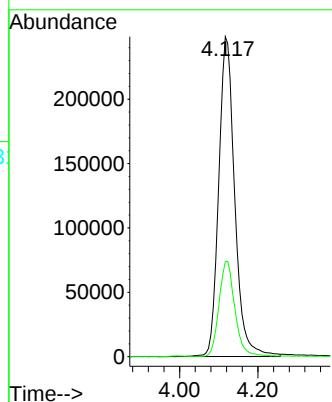


#13
Acetone
Concen: 1964.609 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Instrument :
MSVOA_W
ClientSampleId :

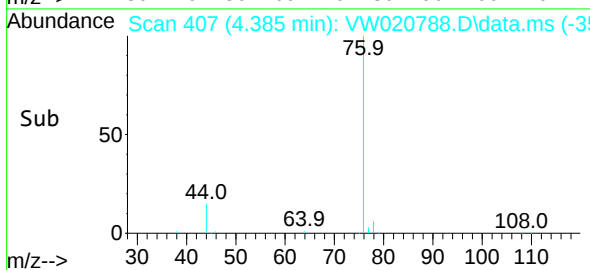
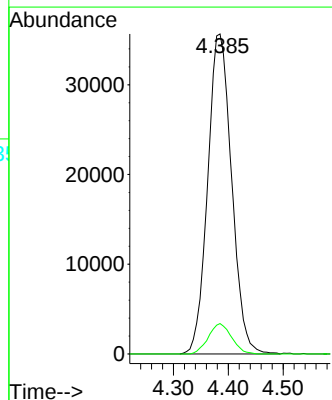
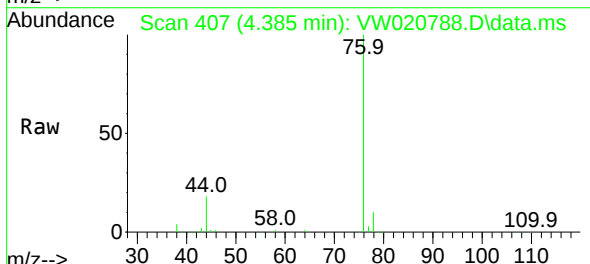


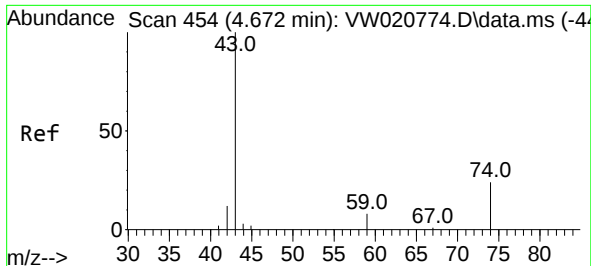
Tgt Ion: 43 Resp: 705809
Ion Ratio Lower Upper
43 100
58 29.3 0.0 52.8



#14
Carbon disulfide
Concen: 22.342 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Tgt Ion: 76 Resp: 108032
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

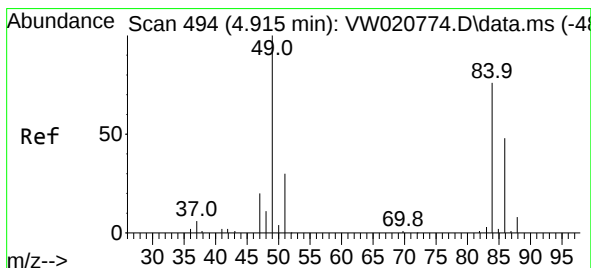
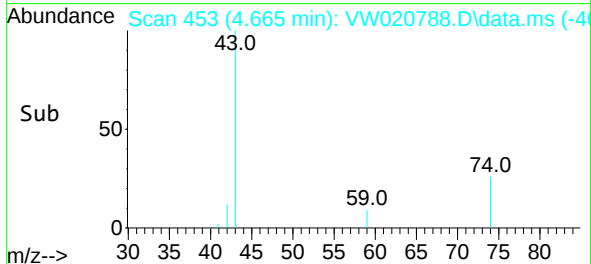
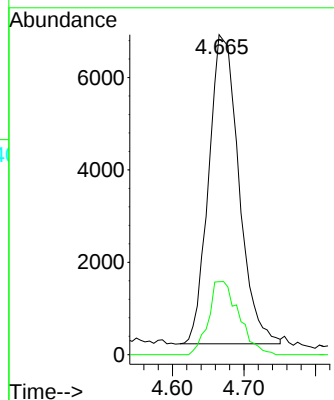
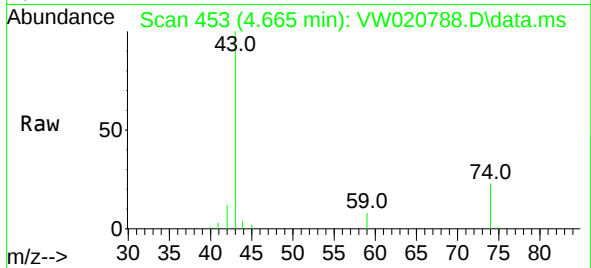




#15
Methyl Acetate
Concen: 28.837 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

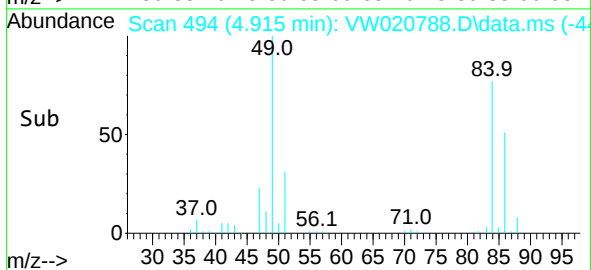
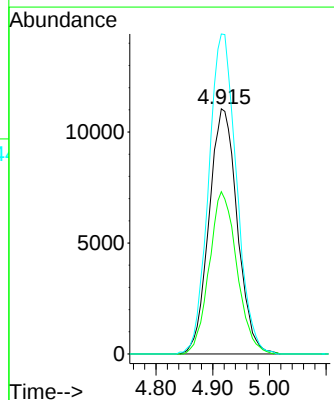
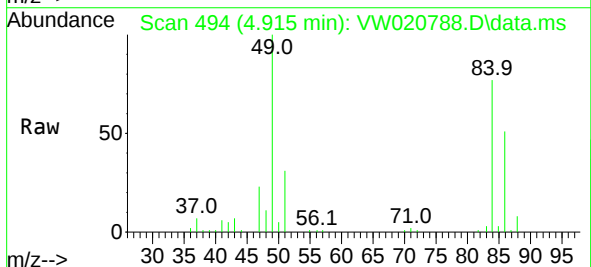
Instrument :
MSVOA_W
ClientSampleId :

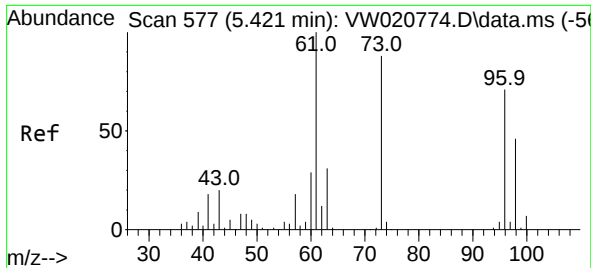
Tgt Ion: 43 Resp: 19656
Ion Ratio Lower Upper
43 100
74 23.8 16.4 24.6



#16
Methylene chloride
Concen: 20.628 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

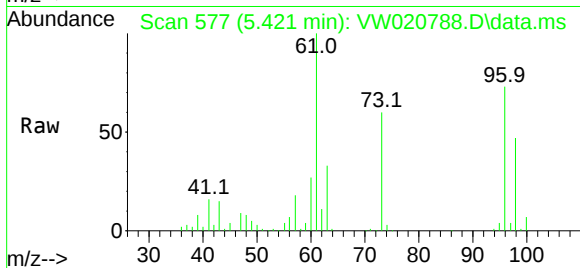
Tgt Ion: 84 Resp: 38247
Ion Ratio Lower Upper
84 100
86 66.2 45.5 84.5
49 130.5 100.5 186.7





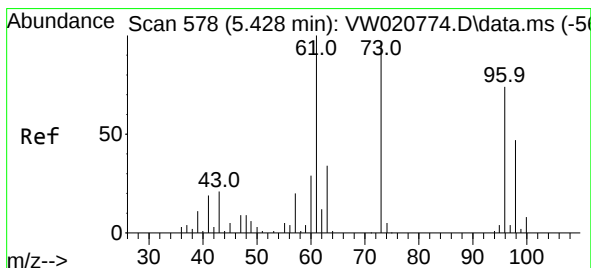
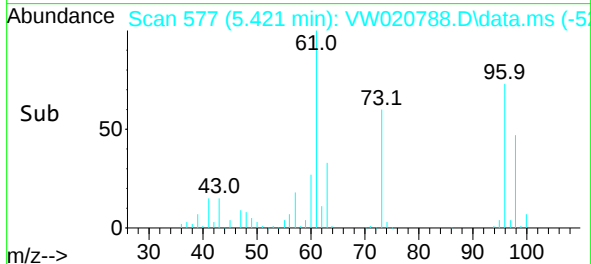
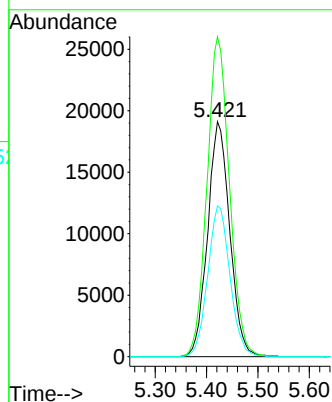
#17
trans-1,2-Dichloroethene
Concen: 33.616 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 57244

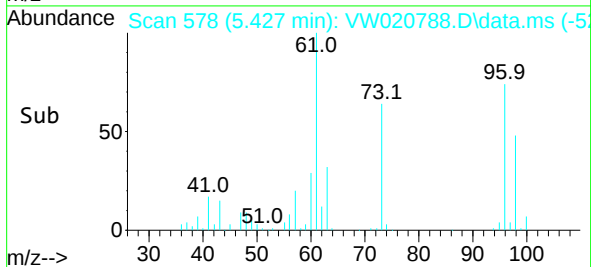
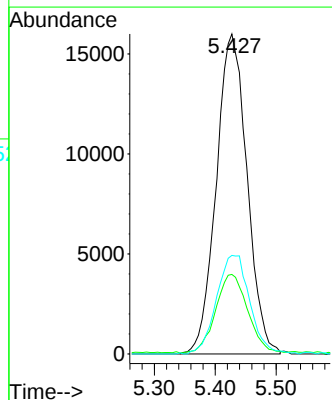
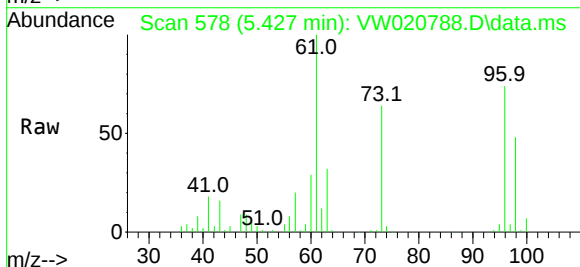
Ion	Ratio	Lower	Upper
96	100		
61	136.2	107.4	199.4
98	64.2	41.2	76.6

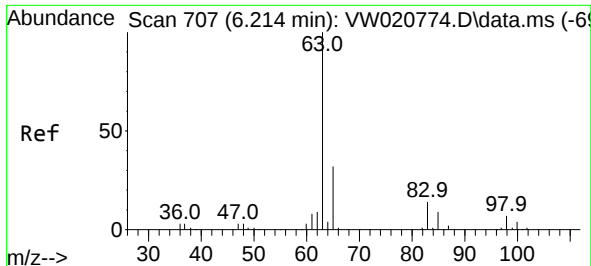


#18
Methyl tert-butyl Ether
Concen: 23.274 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Tgt Ion: 73 Resp: 56080

Ion	Ratio	Lower	Upper
73	100		
43	26.4	19.5	29.3
57	33.3	19.3	28.9





#19

1,1-Dichloroethane

Concen: 411.160 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

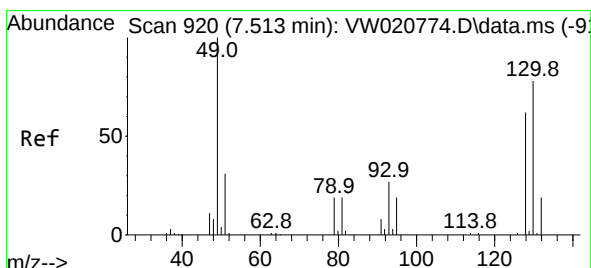
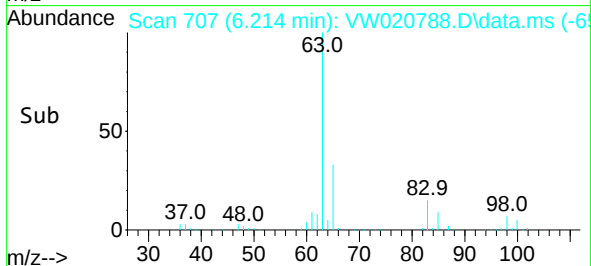
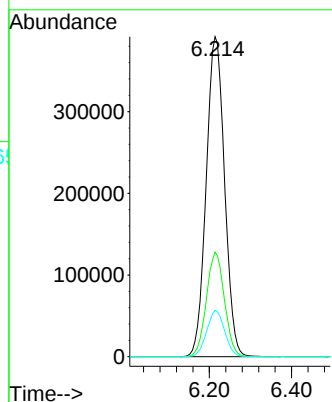
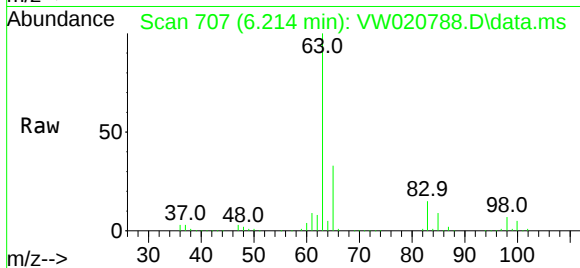
Tgt Ion: 63 Resp: 1212596

Ion Ratio Lower Upper

63 100

65 32.7 22.1 41.1

83 14.5 9.2 17.2



#23

Bromochloromethane

Concen: 23.570 ug/L

RT: 7.512 min Scan# 920

Delta R.T. -0.000 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Tgt Ion: 128 Resp: 19524

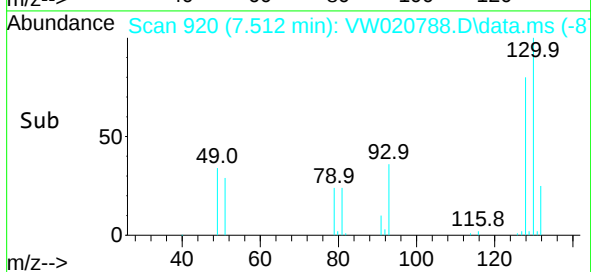
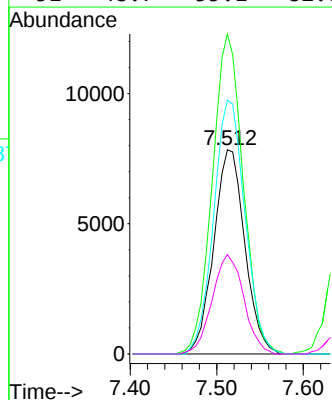
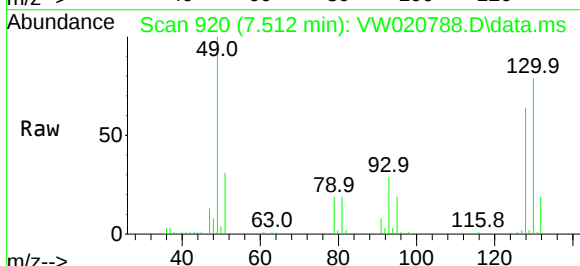
Ion Ratio Lower Upper

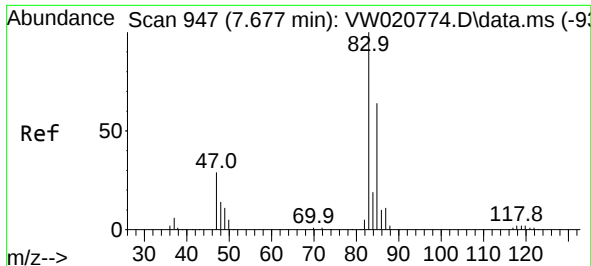
128 100

49 156.8 150.3 279.1

130 124.3 88.3 163.9

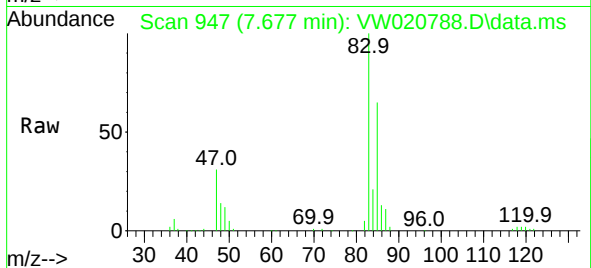
51 48.7 55.1 82.7#



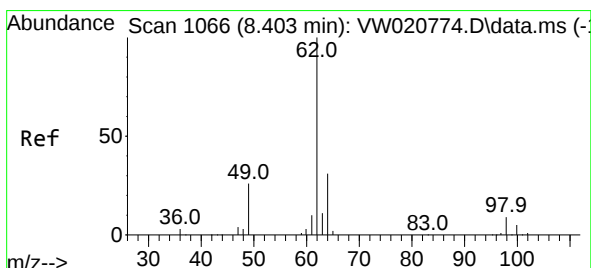
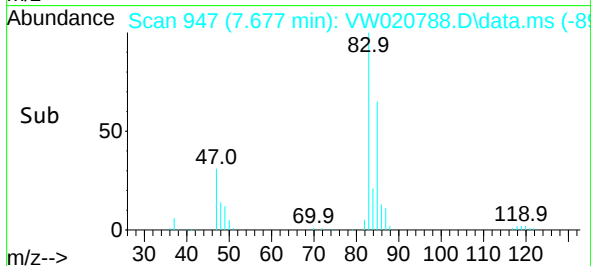
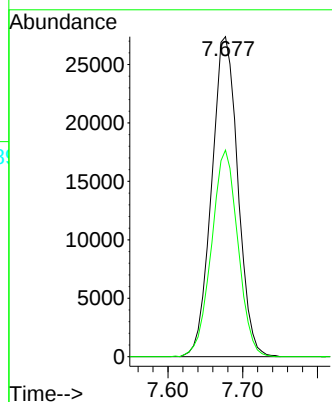


#25
Chloroform
Concen: 21.776 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Instrument :
MSVOA_W
ClientSampleId :

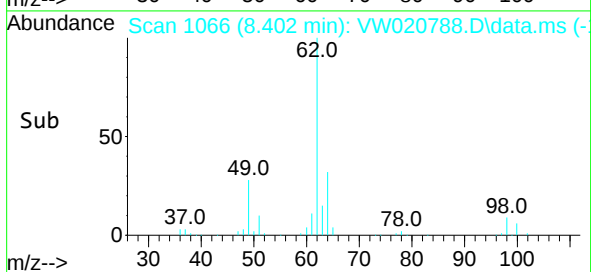
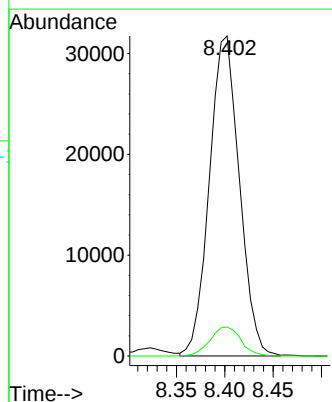
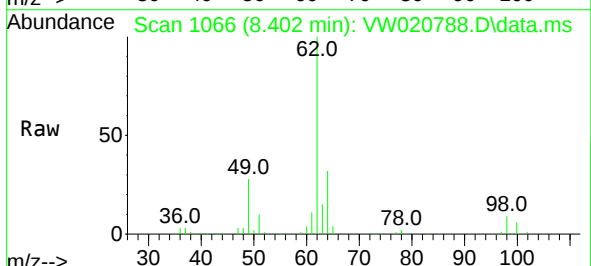


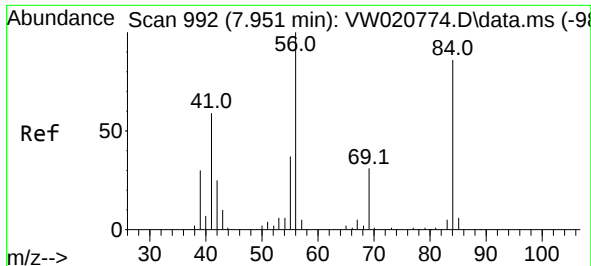
Tgt Ion: 83 Resp: 66860
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 34.465 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

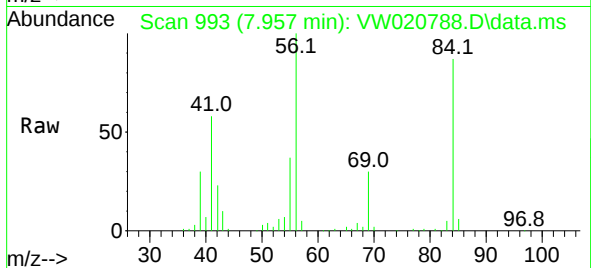
Tgt Ion: 62 Resp: 68503
Ion Ratio Lower Upper
62 100
98 9.0 6.5 9.7



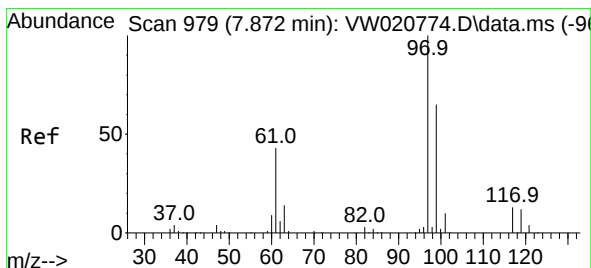
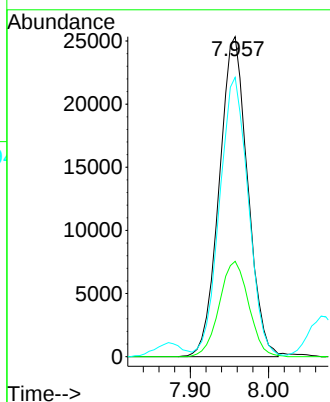
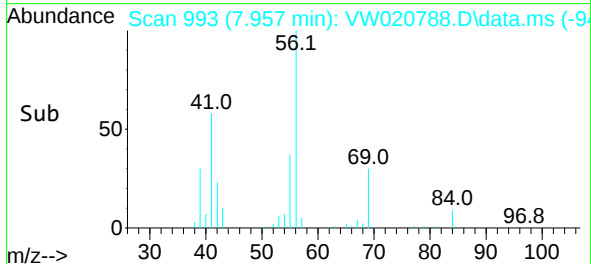


#29
Cyclohexane
Concen: 24.575 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Instrument :
MSVOA_W
ClientSampleId :

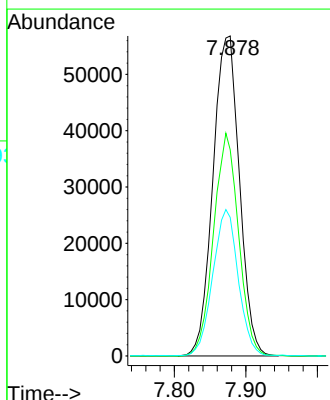
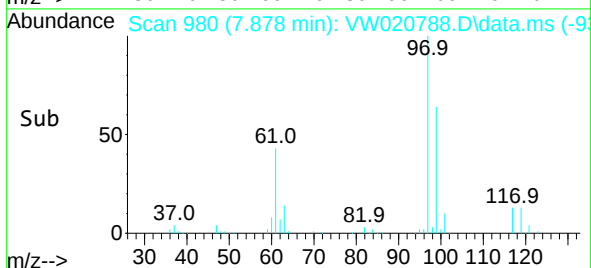
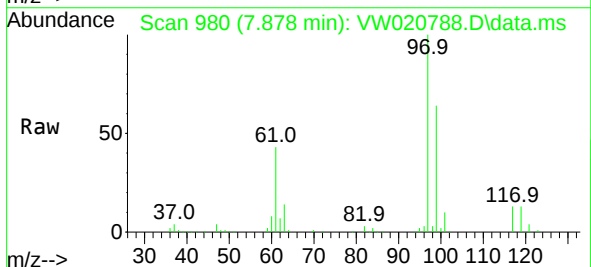


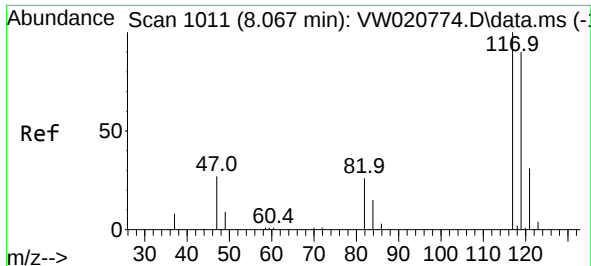
Tgt Ion:	56	Resp:	63904
Ion Ratio	Lower	Upper	
56	100		
69	30.8	23.5	35.3
84	88.3	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 61.850 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Tgt Ion:	97	Resp:	146493
Ion Ratio	Lower	Upper	
97	100		
99	65.5	51.6	77.4
61	43.8	40.9	61.3

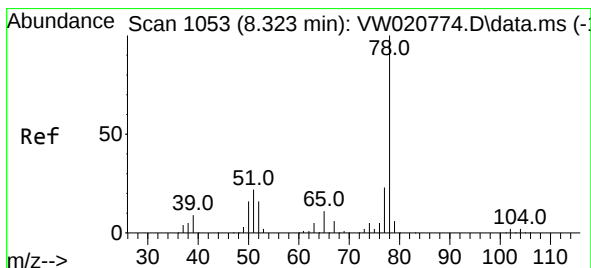
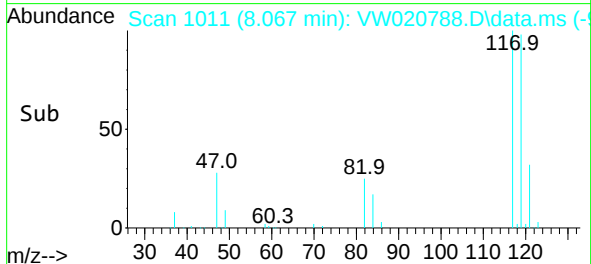
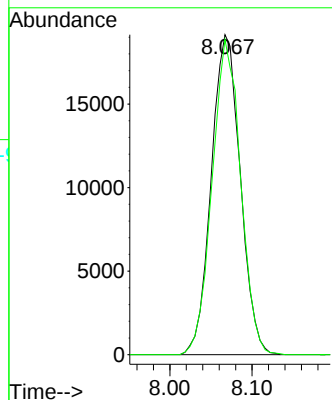
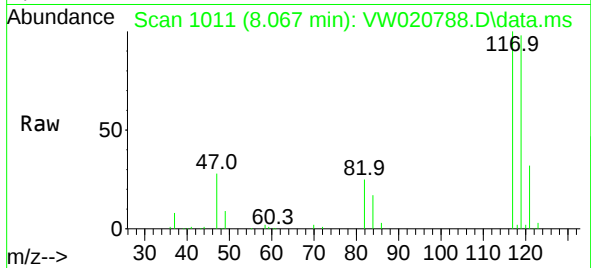




#31
Carbon tetrachloride
Concen: 20.824 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

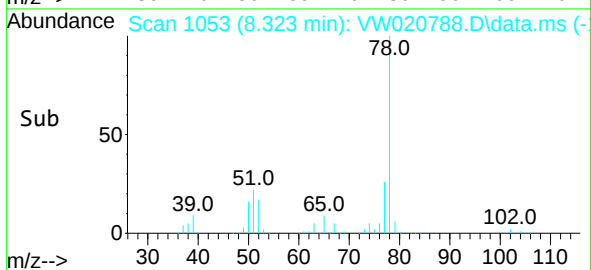
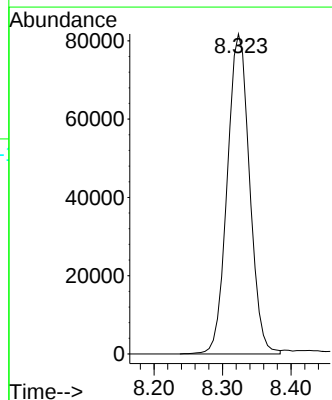
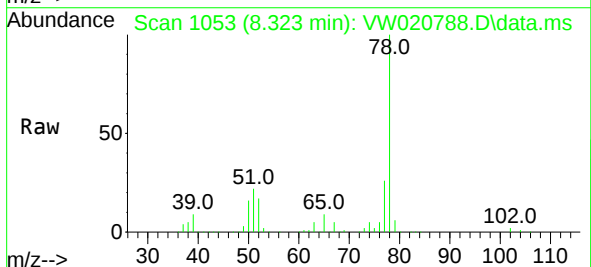
Instrument :
MSVOA_W
ClientSampleId :

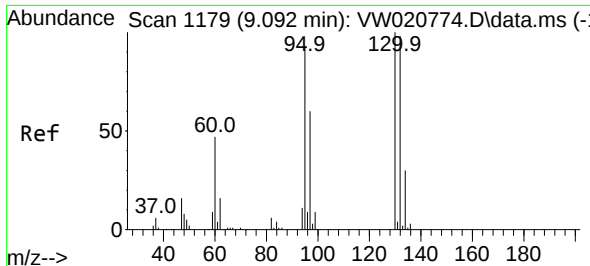
Tgt Ion:117 Resp: 46934
Ion Ratio Lower Upper
117 100
119 96.9 75.7 113.5



#33
Benzene
Concen: 30.962 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Tgt Ion: 78 Resp: 184815





#34

Trichloroethene

Concen: 3991.710 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

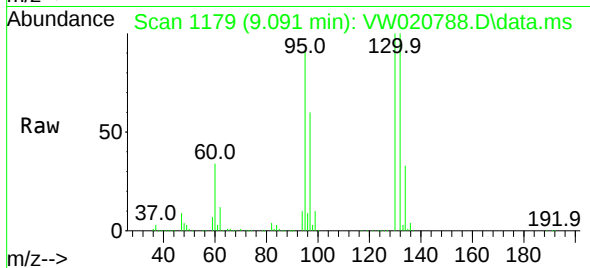
Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 6342211

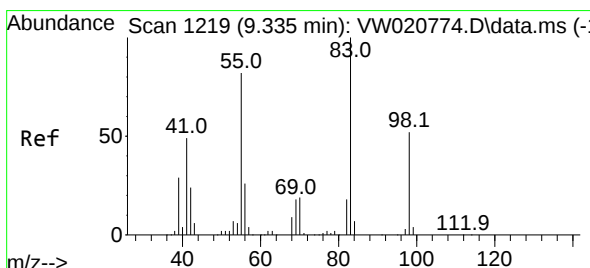
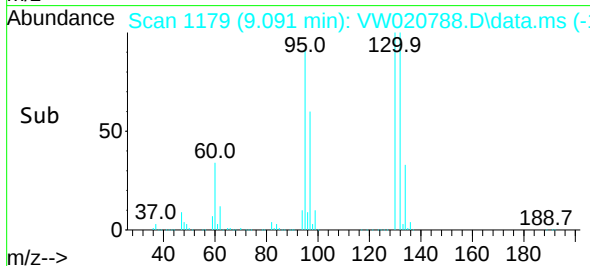
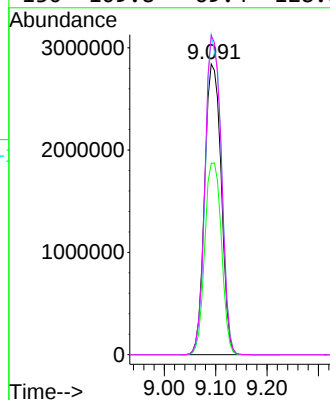
Ion Ratio Lower Upper

95 100

97 65.8 47.0 87.2

132 110.1 65.5 121.6

130 109.8 69.4 128.8



#35

Methylcyclohexane

Concen: 13.152 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

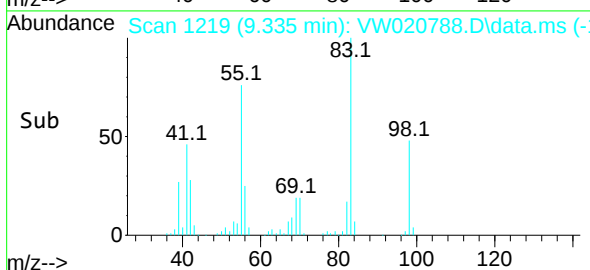
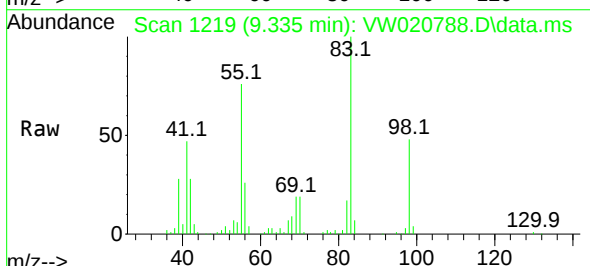
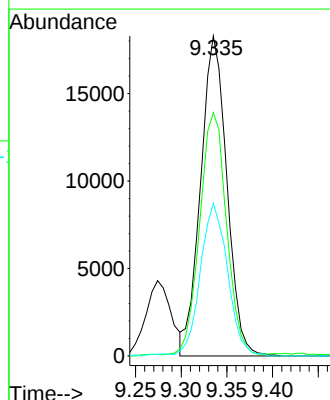
Tgt Ion: 83 Resp: 36465

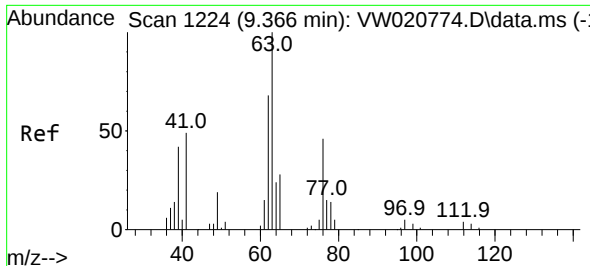
Ion Ratio Lower Upper

83 100

55 77.0 70.8 106.2

98 49.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.189 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Instrument :

MSVOA_W

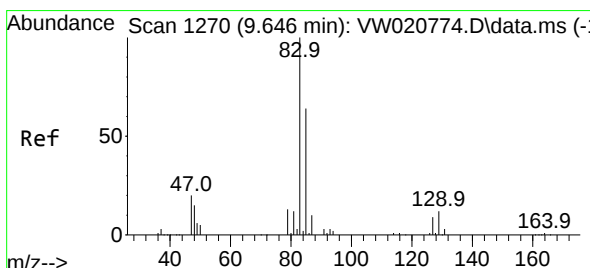
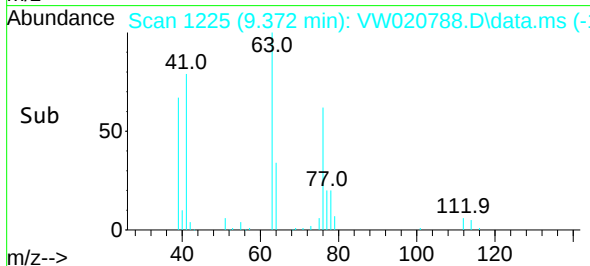
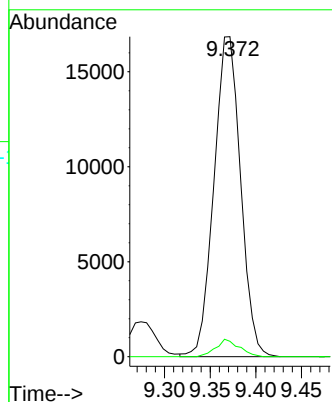
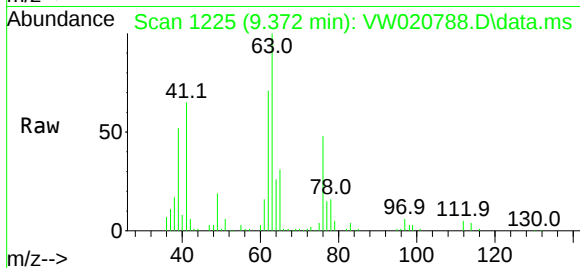
ClientSampleId :

Tgt Ion: 63 Resp: 34185

Ion Ratio Lower Upper

63 100

112 4.8 3.2 4.8



#38

Bromodichloromethane

Concen: 25.171 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

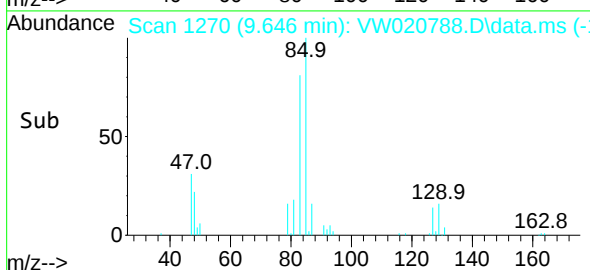
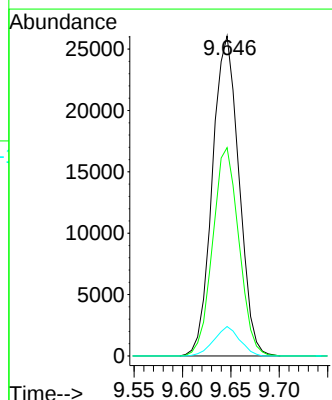
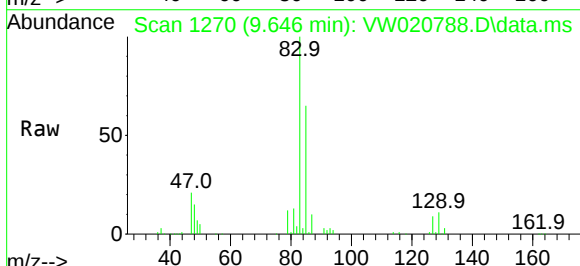
Tgt Ion: 83 Resp: 49795

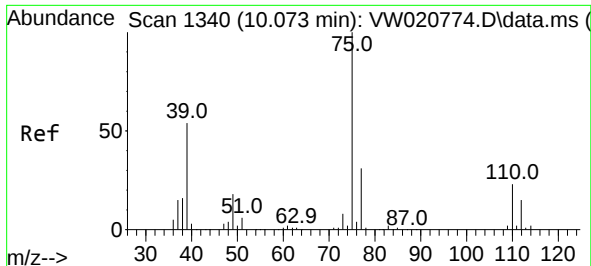
Ion Ratio Lower Upper

83 100

85 65.1 44.1 81.9

127 9.2 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.466 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Instrument :

MSVOA_W

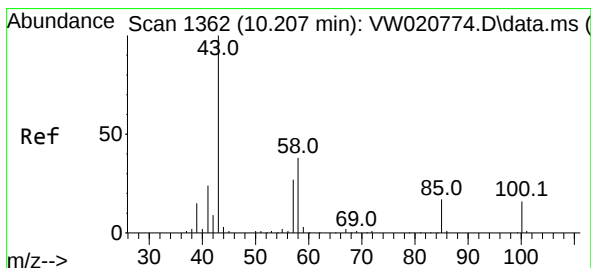
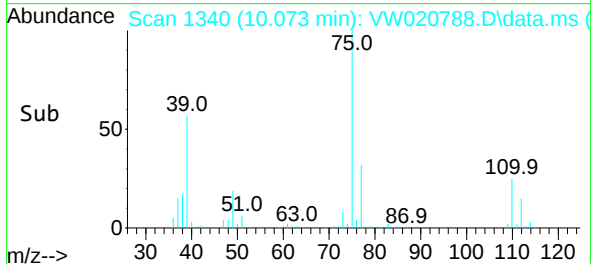
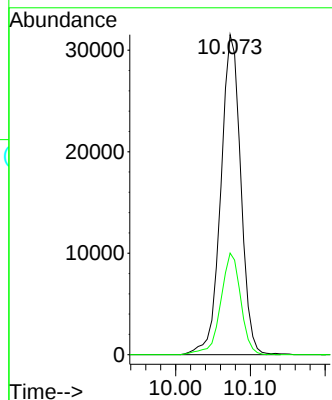
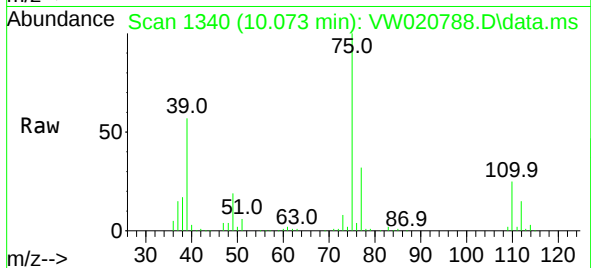
ClientSampleId :

Tgt Ion: 75 Resp: 58572

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 201.492 ug/L

RT: 10.225 min Scan# 1365

Delta R.T. 0.018 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

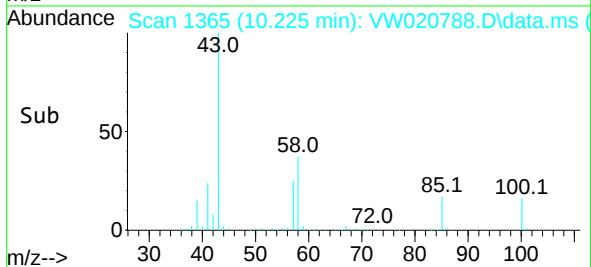
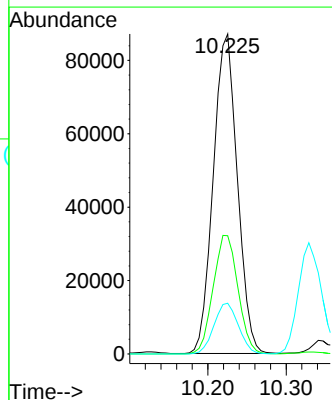
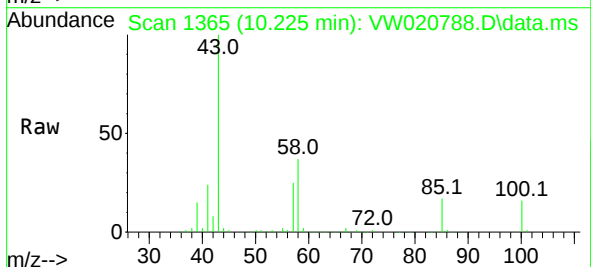
Tgt Ion: 43 Resp: 186104

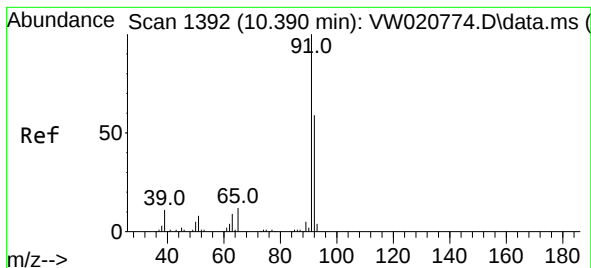
Ion Ratio Lower Upper

43 100

58 38.2 28.8 43.2

100 16.2 10.0 15.0#





#42

Toluene

Concen: 2363.006 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Instrument :

MSVOA_W

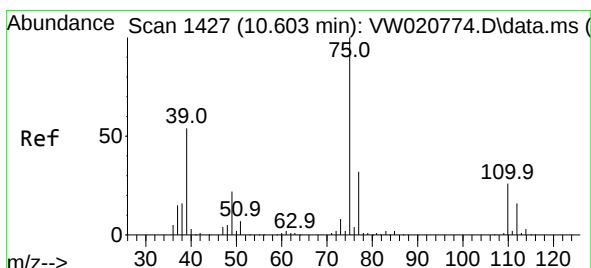
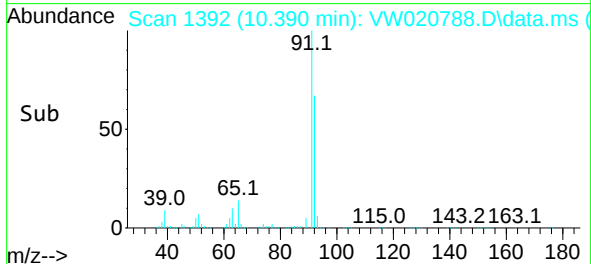
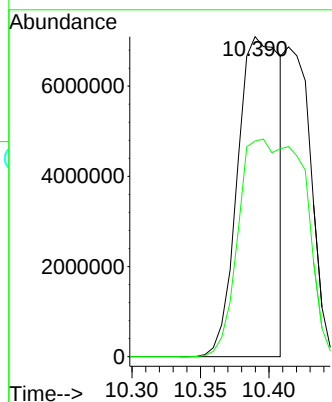
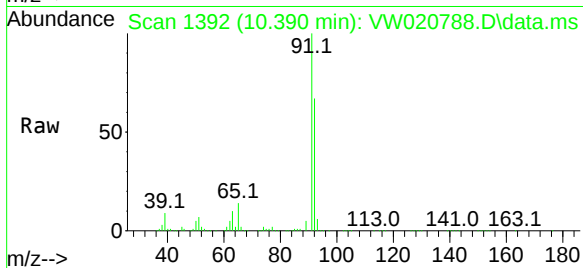
ClientSampleId :

Tgt Ion: 91 Resp:15167470

Ion Ratio Lower Upper

91 100

92 67.4 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 27.188 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.001 min

Lab File: VW020788.D

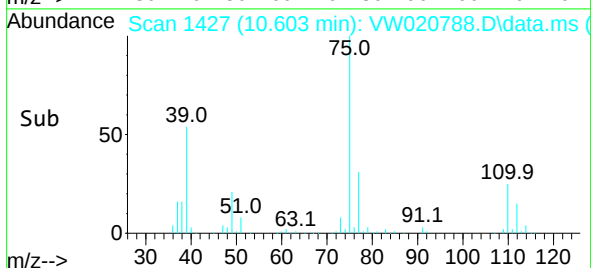
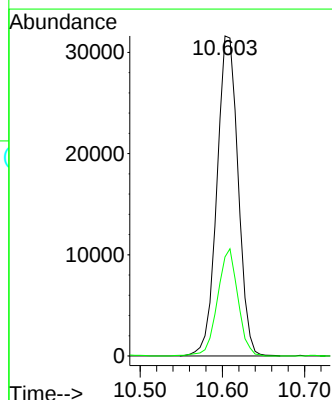
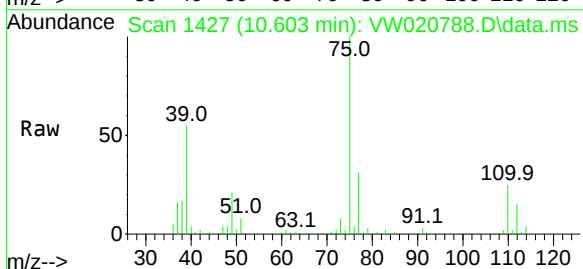
Acq: 05 Nov 2021 18:48

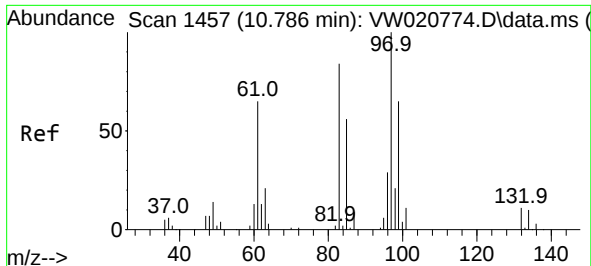
Tgt Ion: 75 Resp: 56562

Ion Ratio Lower Upper

75 100

77 31.0 22.2 41.2

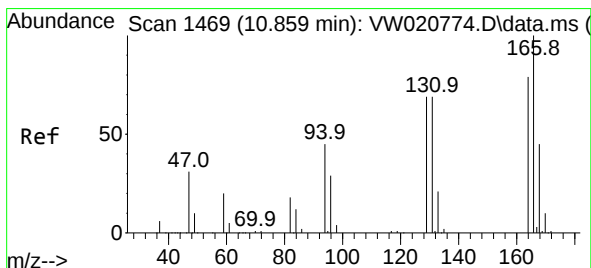
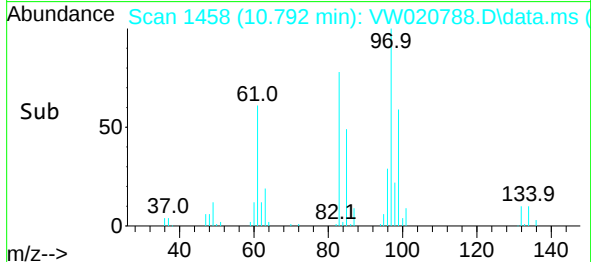
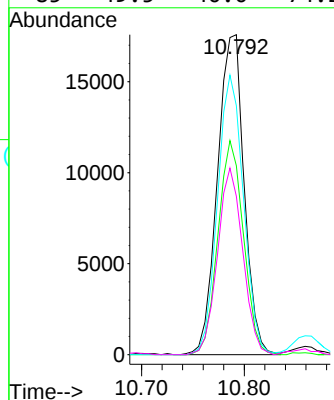
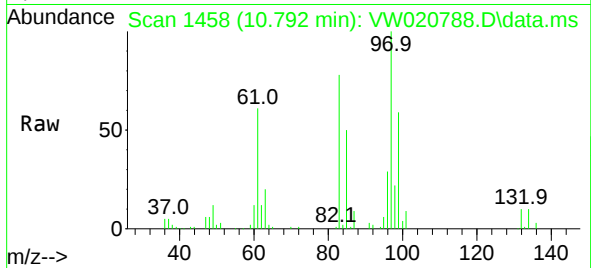




#45
1,1,2-Trichloroethane
Concen: 30.219 ug/L
RT: 10.792 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

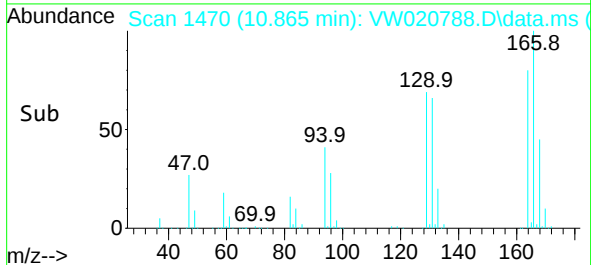
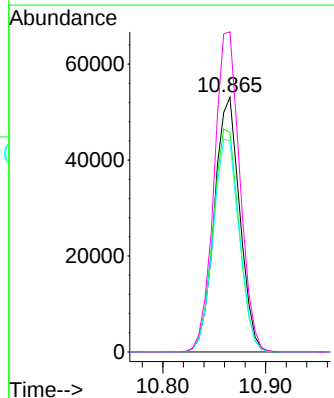
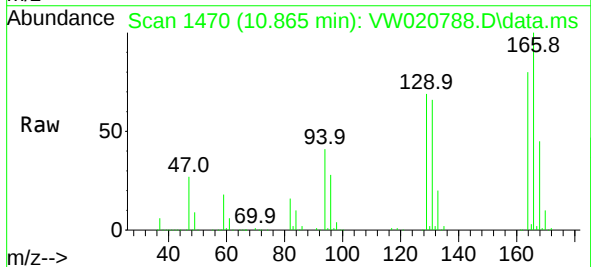
Instrument :
MSVOA_W
ClientSampleId :

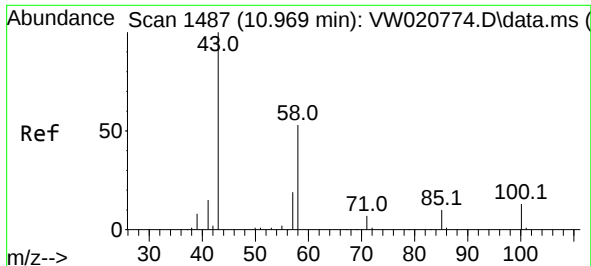
Tgt Ion: 97	Resp:	31694
Ion Ratio	Lower	Upper
97	100	
99	59.1	43.0 79.8
83	77.8	62.6 116.3
85	49.5	40.0 74.2



#46
Tetrachloroethene
Concen: 63.912 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

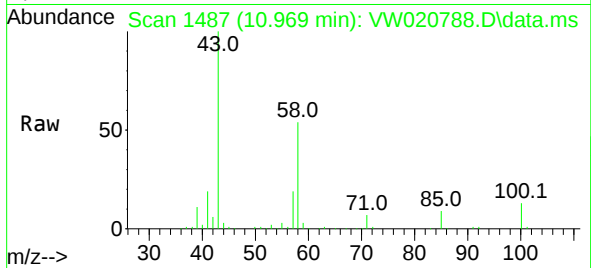
Tgt Ion: 164	Resp:	91081
Ion Ratio	Lower	Upper
164	100	
129	86.1	65.5 121.7
131	83.0	59.7 110.9
166	125.6	88.7 164.7



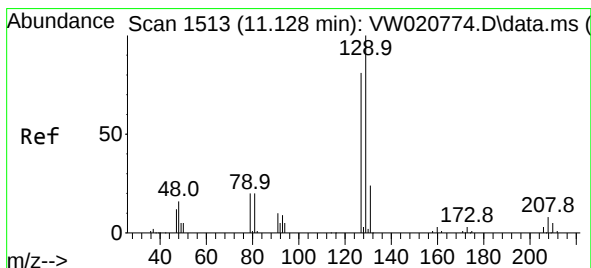
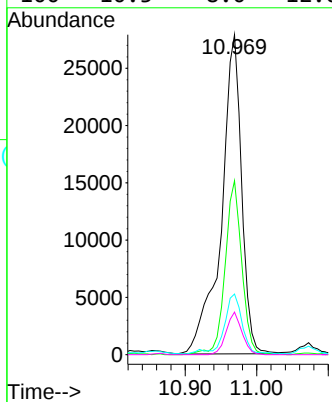
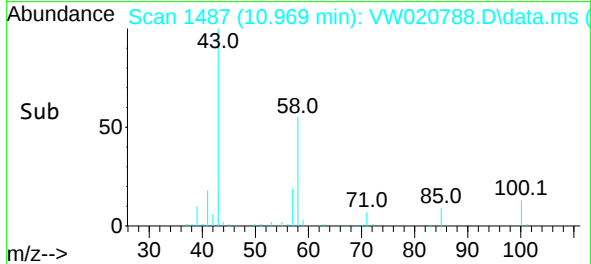


#48
2-Hexanone
Concen: 81.752 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Instrument :
MSVOA_W
ClientSampleId :

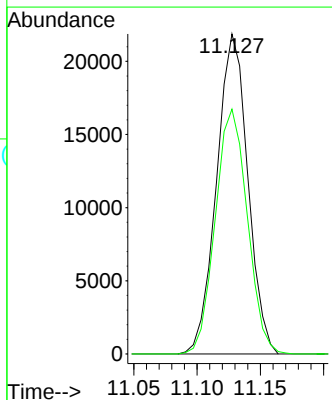
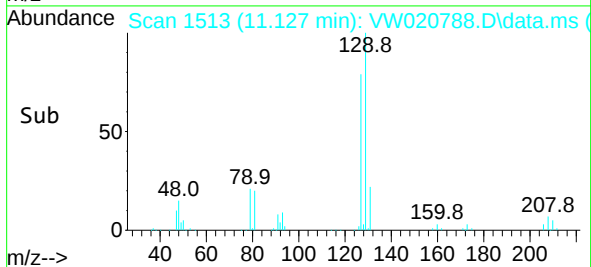
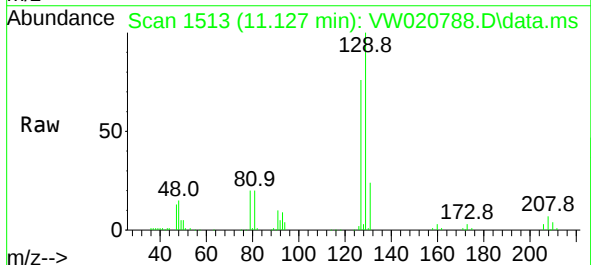


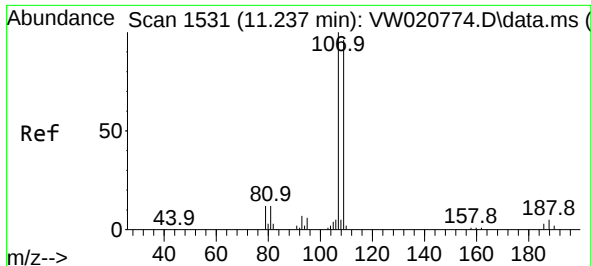
Tgt Ion: 43 Resp: 55136
Ion Ratio Lower Upper
43 100
58 43.6 40.2 60.2
57 16.0 14.3 21.5
100 10.3 8.0 12.0



#49
Dibromochloromethane
Concen: 26.208 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.001 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Tgt Ion: 129 Resp: 37536
Ion Ratio Lower Upper
129 100
127 76.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 28.485 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW020788.D

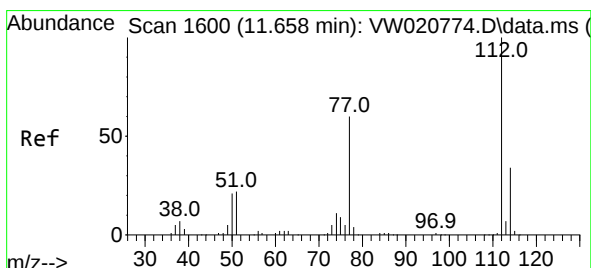
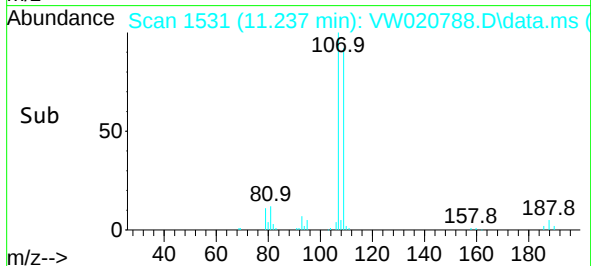
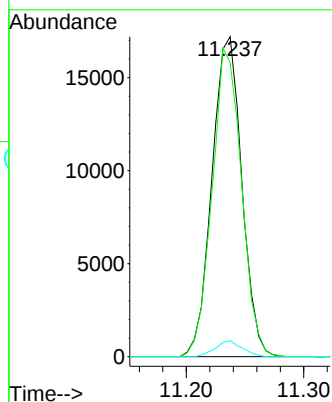
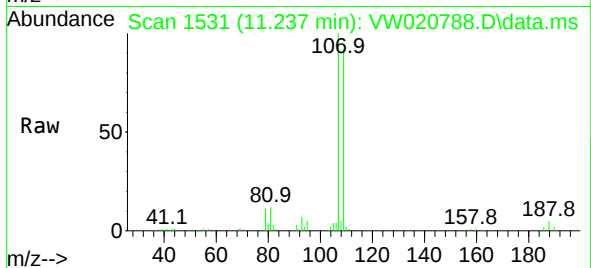
Acq: 05 Nov 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	30292
Ion	Ratio	Lower	Upper
107	100		
109	91.9	64.1	119.1
188	5.0	2.6	3.8#



#51

Chlorobenzene

Concen: 19.884 ug/L

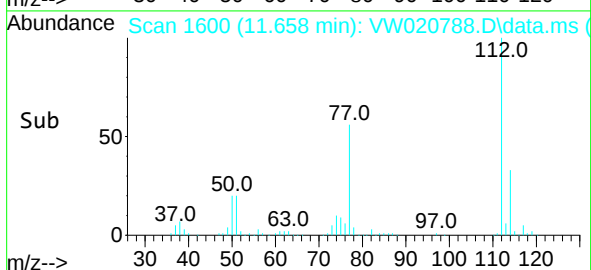
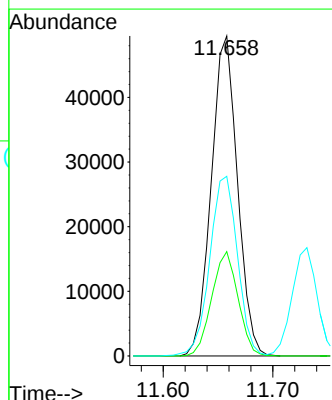
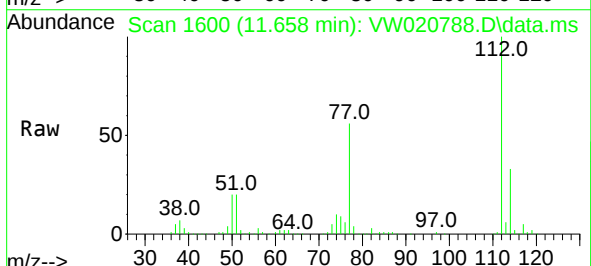
RT: 11.658 min Scan# 1600

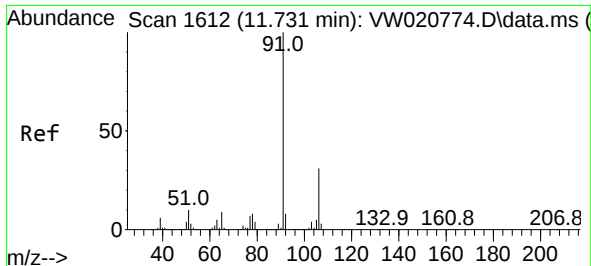
Delta R.T. -0.000 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Tgt Ion:	112	Resp:	82321
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.4	41.6
77	56.1	50.2	75.4

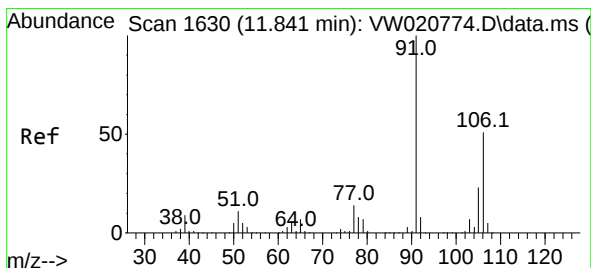
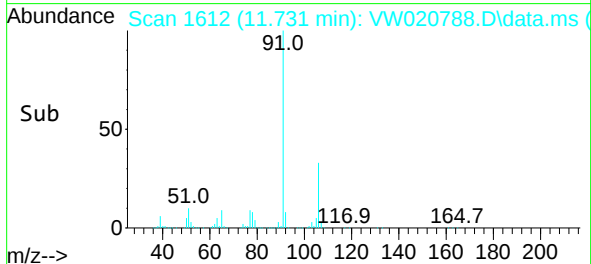
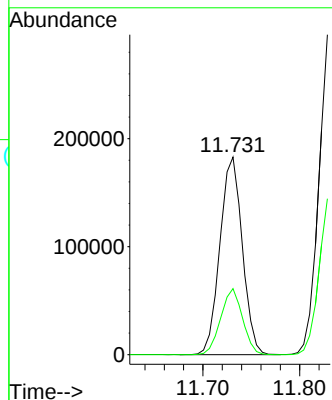
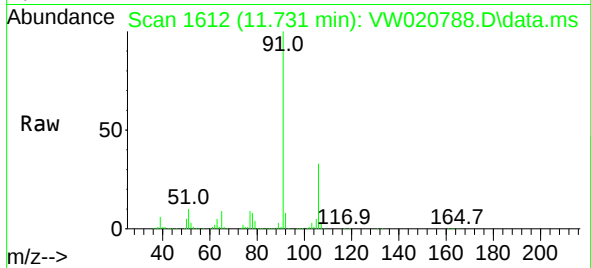




#52
Ethylbenzene
Concen: 40.789 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

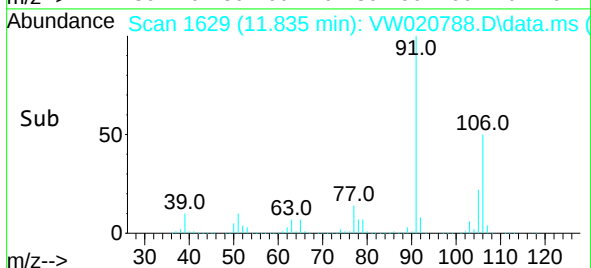
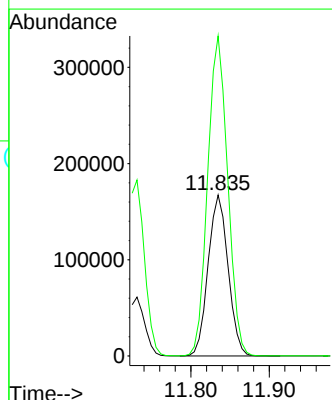
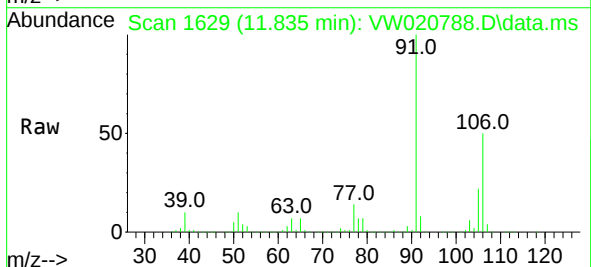
Instrument :
MSVOA_W
ClientSampleId :

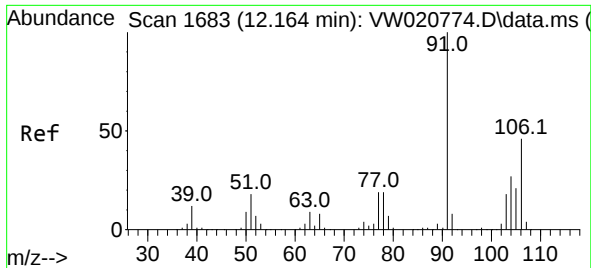
Tgt Ion: 91 Resp: 293338
Ion Ratio Lower Upper
91 100
106 33.4 21.5 39.9



#53
m,p-Xylene
Concen: 102.685 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Tgt Ion: 106 Resp: 295874
Ion Ratio Lower Upper
106 100
91 198.7 149.9 278.3

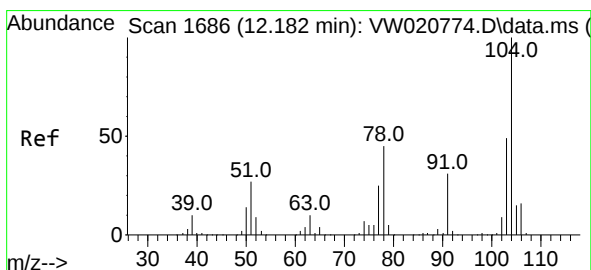
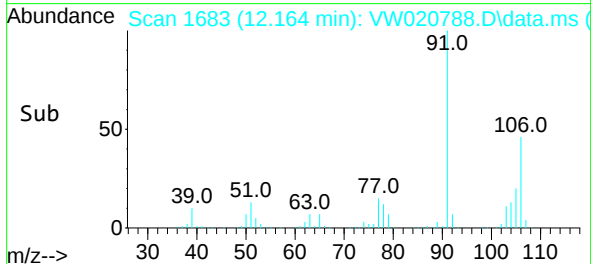
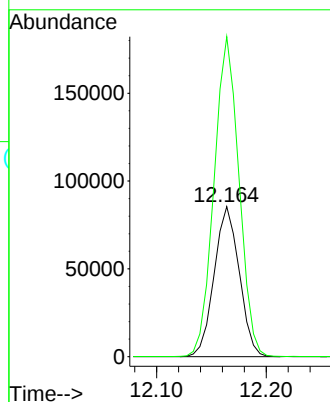
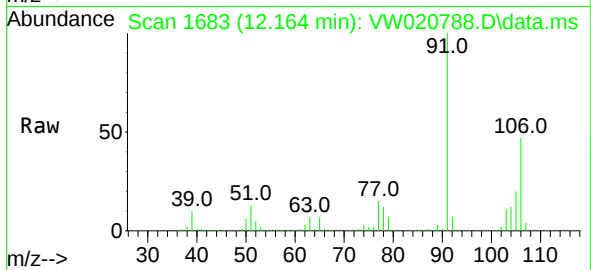




#54
o-Xylene
Concen: 49.700 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

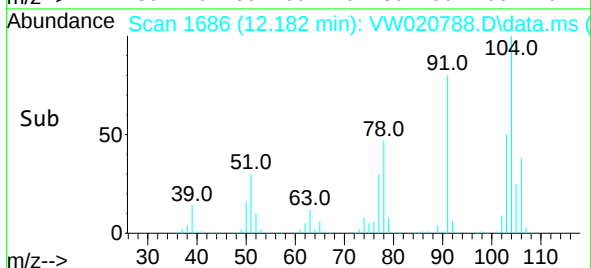
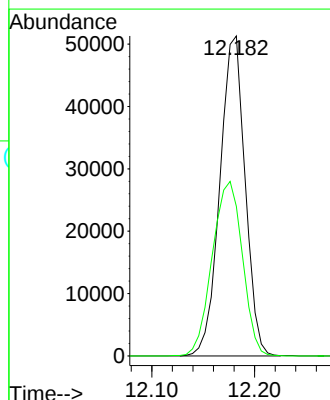
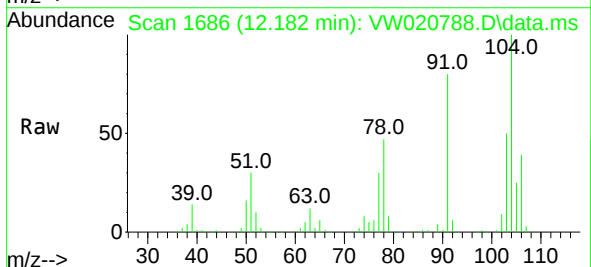
Instrument :
MSVOA_W
ClientSampleId :

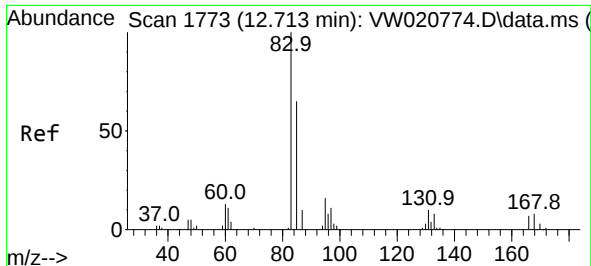
Tgt Ion:106 Resp: 135655
Ion Ratio Lower Upper
106 100
91 213.2 153.6 285.3



#55
Styrene
Concen: 18.854 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Tgt Ion:104 Resp: 87486
Ion Ratio Lower Upper
104 100
78 46.8 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 28.133 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW020788.D

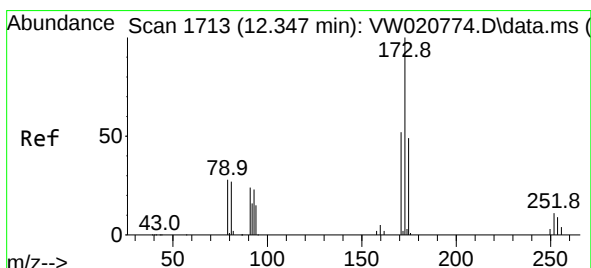
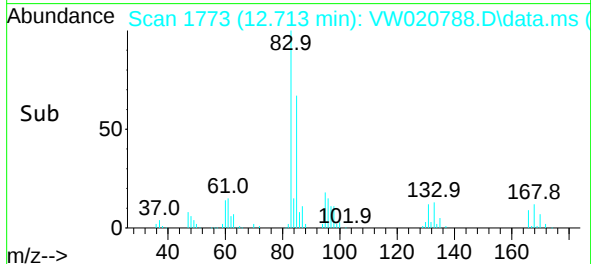
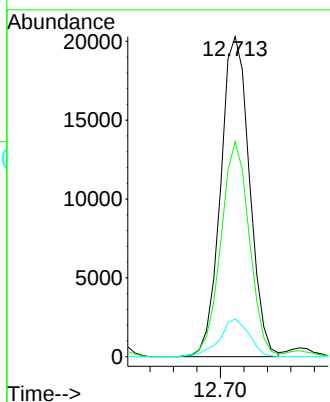
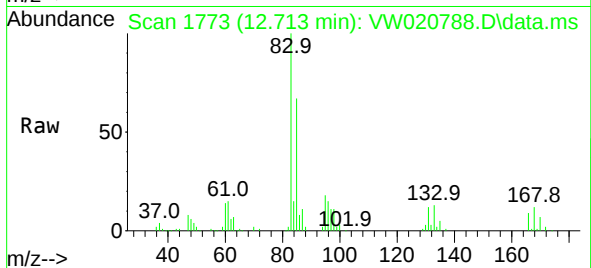
Acq: 05 Nov 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	34582
Ion Ratio	Lower	Upper	
83	100		
85	67.2	44.0	81.6
131	11.8	6.9	10.3#



#59

Bromoform

Concen: 46.929 ug/L

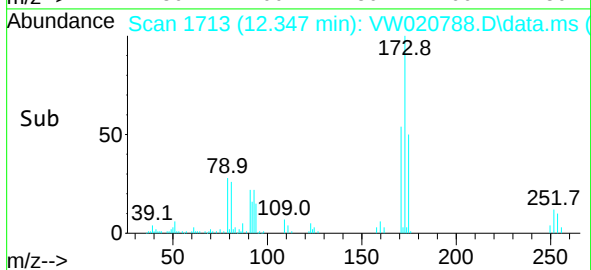
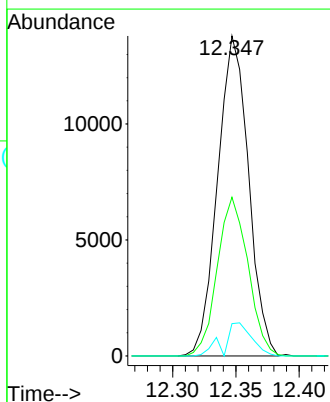
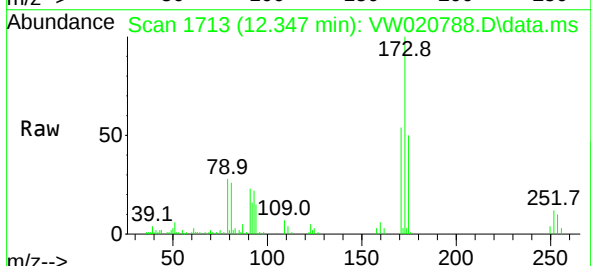
RT: 12.347 min Scan# 1713

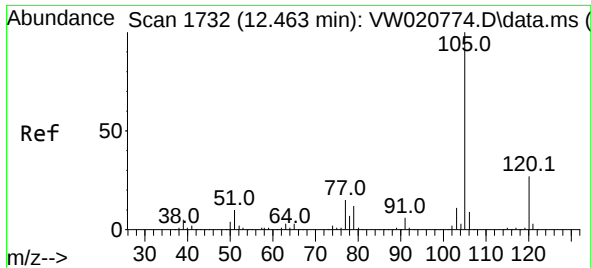
Delta R.T. -0.000 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Tgt Ion:	173	Resp:	23464
Ion Ratio	Lower	Upper	
173	100		
175	49.3	39.6	59.4
254	7.5	7.4	11.0

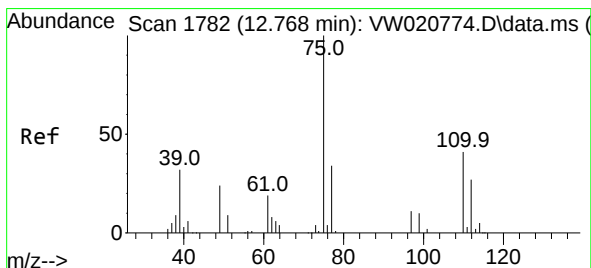
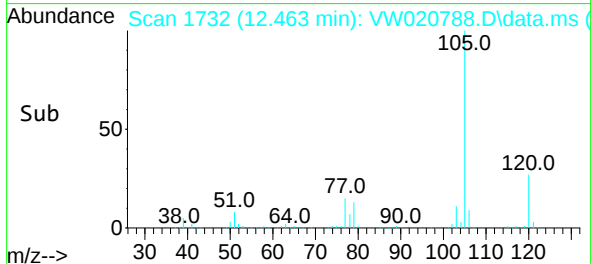
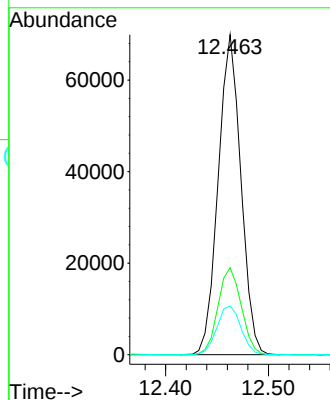
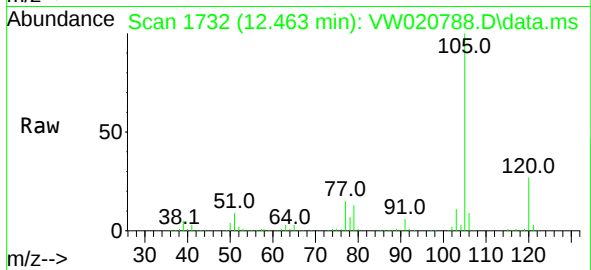




#60
Isopropylbenzene
Concen: 26.245 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

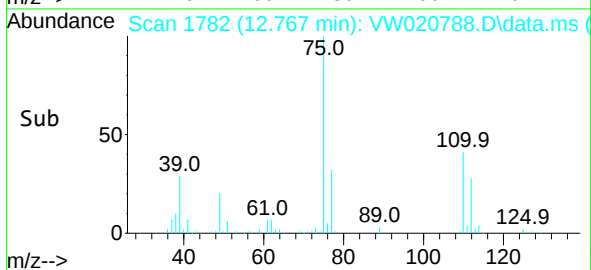
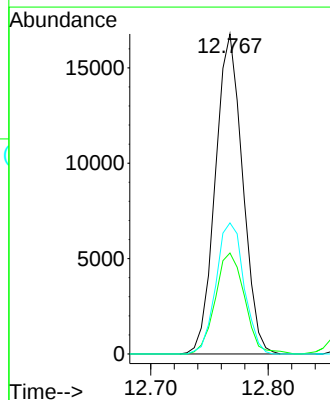
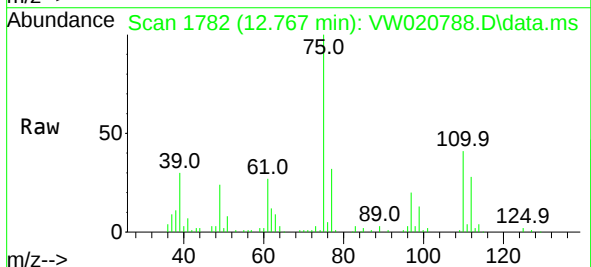
Instrument :
MSVOA_W
ClientSampleId :

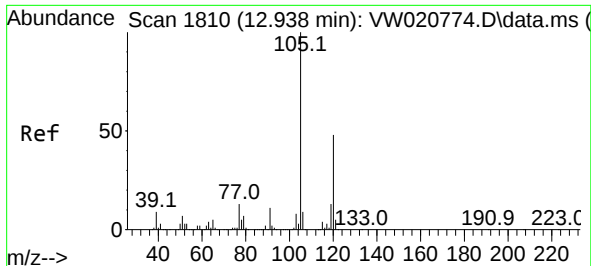
Tgt Ion:105 Resp: 106928
Ion Ratio Lower Upper
105 100
120 27.8 20.1 30.1
77 16.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 55.336 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Tgt Ion: 75 Resp: 27032
Ion Ratio Lower Upper
75 100
77 34.0 25.8 38.8
110 42.0 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 23.243 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Instrument :

MSVOA_W

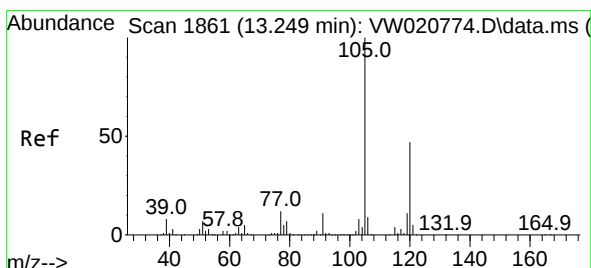
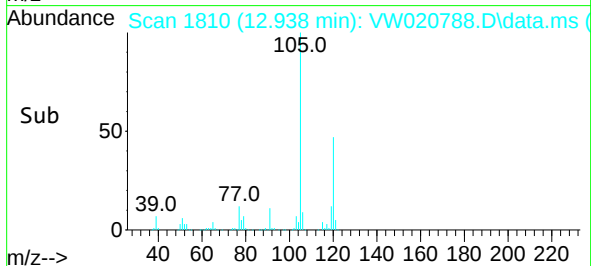
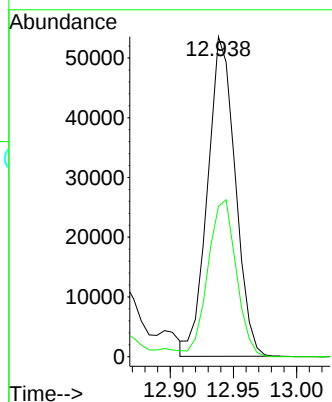
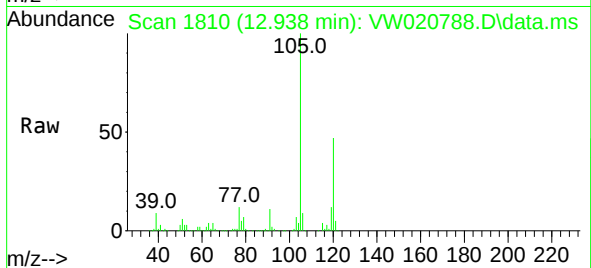
ClientSampleId :

Tgt Ion:105 Resp: 81376

Ion Ratio Lower Upper

105 100

120 49.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 39.823 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020788.D

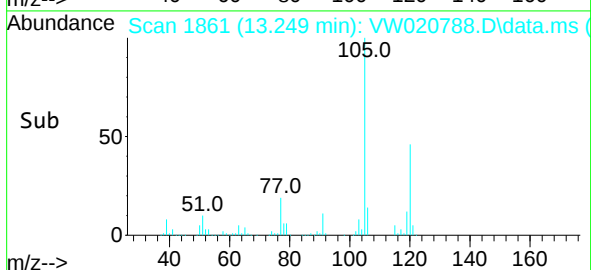
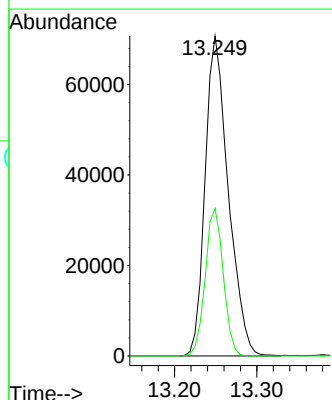
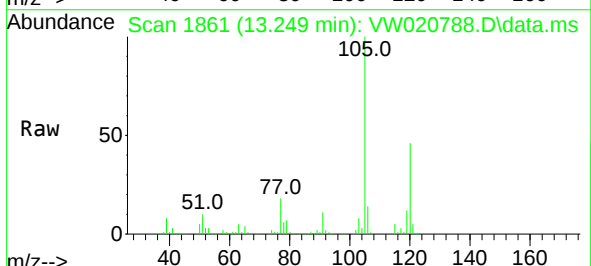
Acq: 05 Nov 2021 18:48

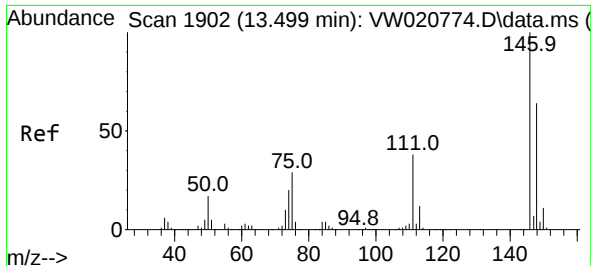
Tgt Ion:105 Resp: 138498

Ion Ratio Lower Upper

105 100

120 35.9 35.0 52.6

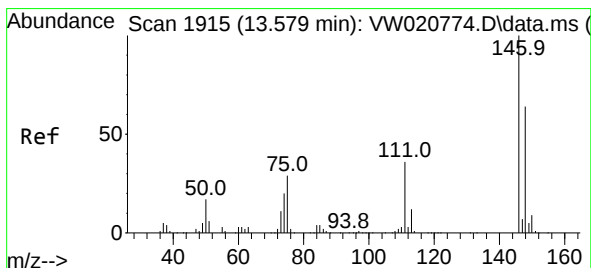
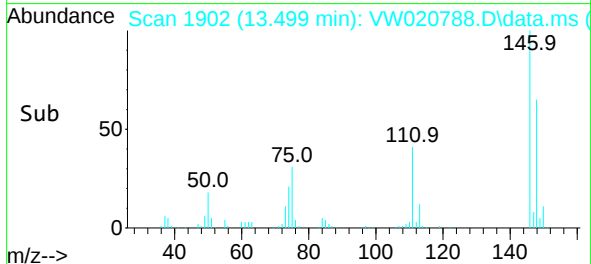
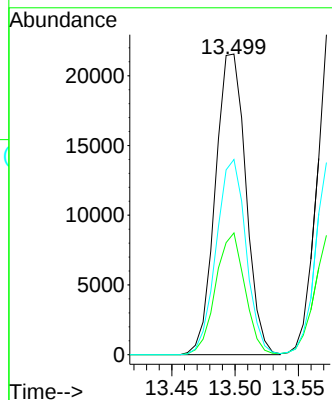
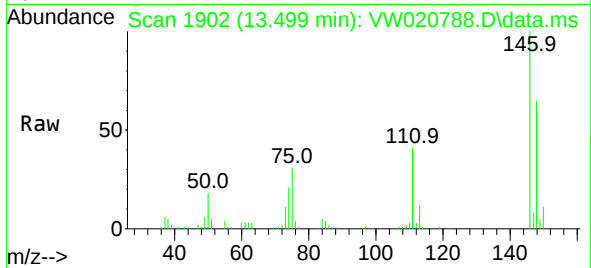




#64
1,3-Dichlorobenzene
Concen: 19.169 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

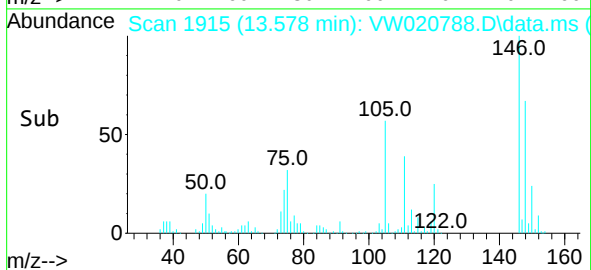
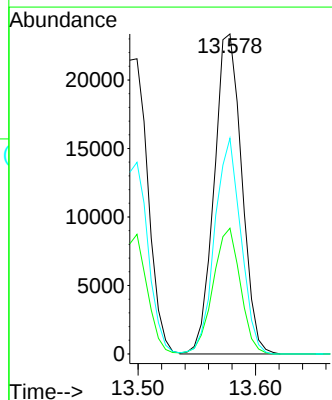
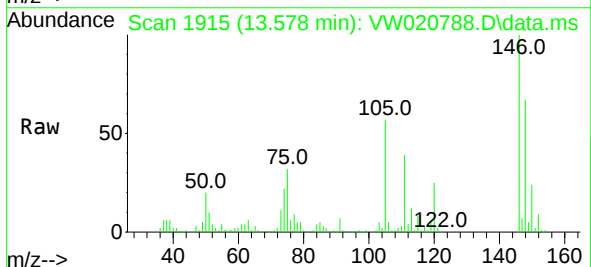
Instrument :
MSVOA_W
ClientSampleId :

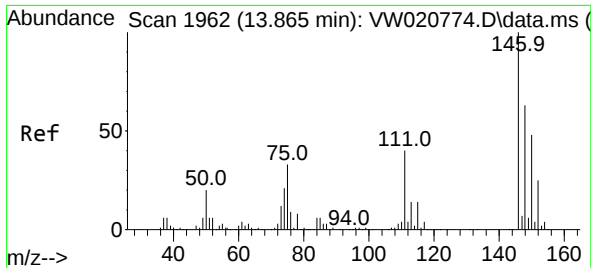
Tgt Ion:146 Resp: 36211
Ion Ratio Lower Upper
146 100
111 40.5 29.8 55.3
148 64.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 20.262 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020788.D
Acq: 05 Nov 2021 18:48

Tgt Ion:146 Resp: 38128
Ion Ratio Lower Upper
146 100
111 39.3 29.0 53.9
148 67.4 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.747 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

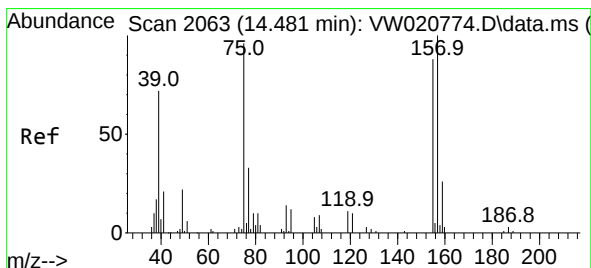
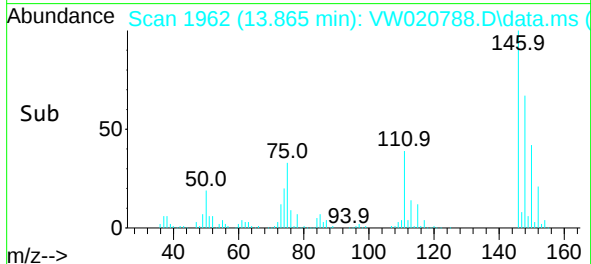
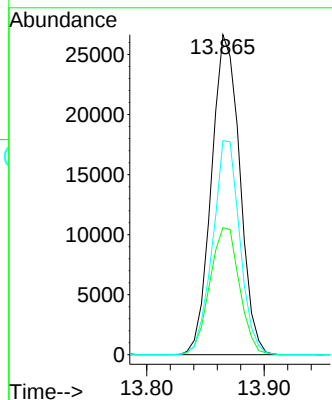
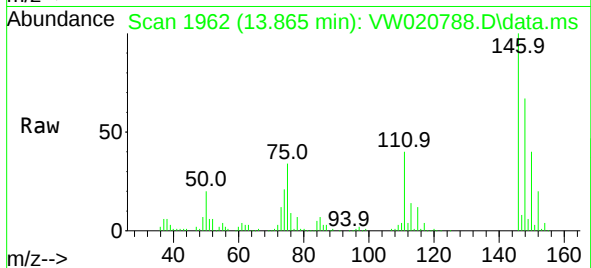
Tgt Ion:146 Resp: 44631

Ion Ratio Lower Upper

146 100

111 39.7 33.1 49.7

148 66.9 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 49.148 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

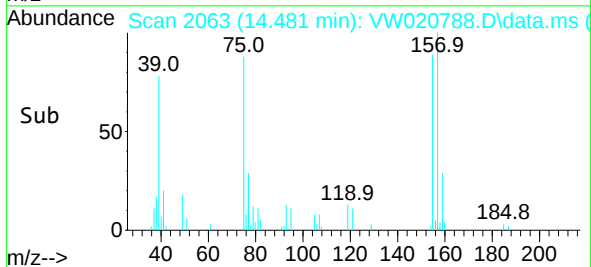
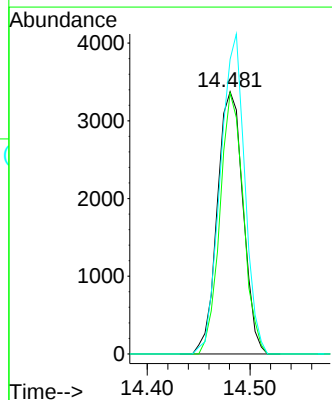
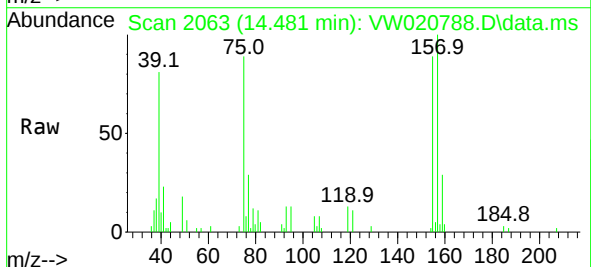
Tgt Ion: 75 Resp: 5869

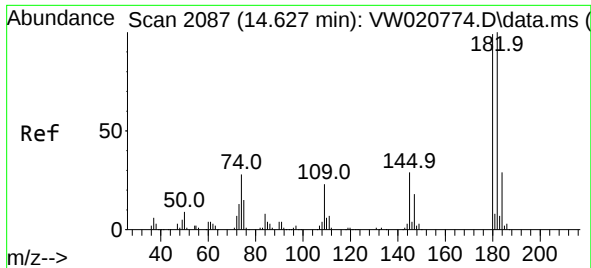
Ion Ratio Lower Upper

75 100

155 99.5 54.2 81.2#

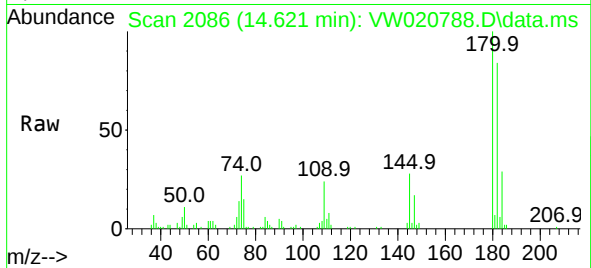
157 112.4 69.4 104.2#



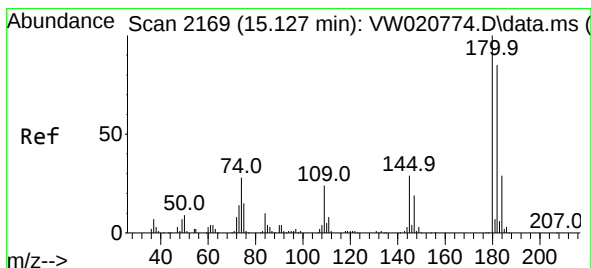
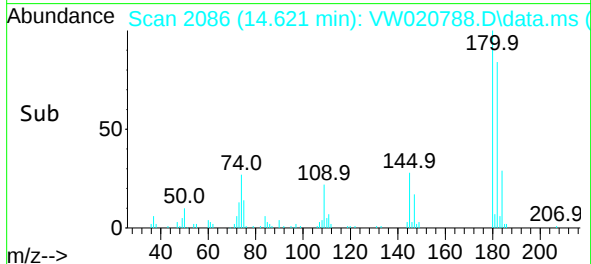
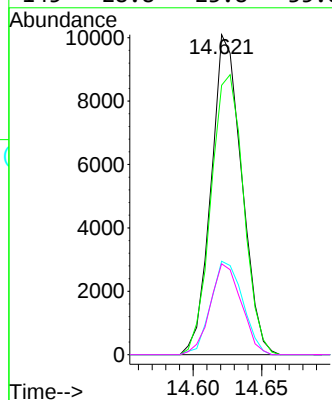


#69
 1,3,5-Trichlorobenzene
 Concen: 10.442 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW020788.D
 Acq: 05 Nov 2021 18:48

Instrument :
 MSVOA_W
 ClientSampleId :

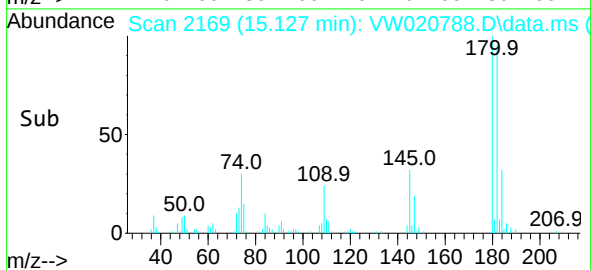
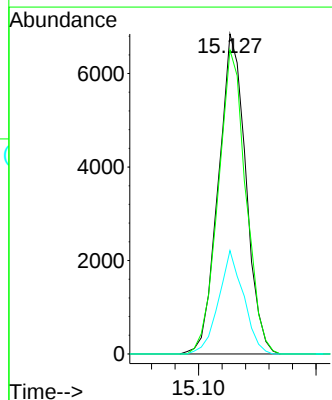
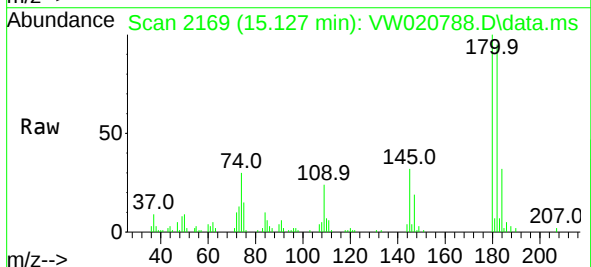


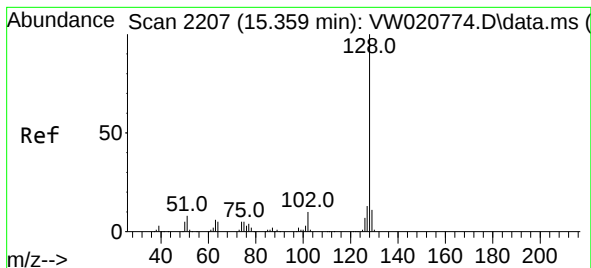
Tgt Ion:180 Resp: 15657
 Ion Ratio Lower Upper
 180 100
 182 93.1 75.4 113.0
 184 30.5 23.8 35.8
 145 28.8 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 8.874 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW020788.D
 Acq: 05 Nov 2021 18:48

Tgt Ion:180 Resp: 11092
 Ion Ratio Lower Upper
 180 100
 182 95.8 79.0 118.6
 145 29.6 26.0 39.0





#71

Naphthalene

Concen: 19.109 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW020788.D

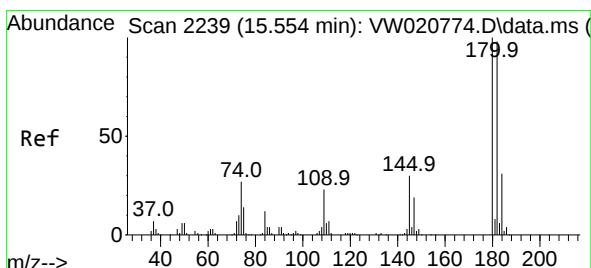
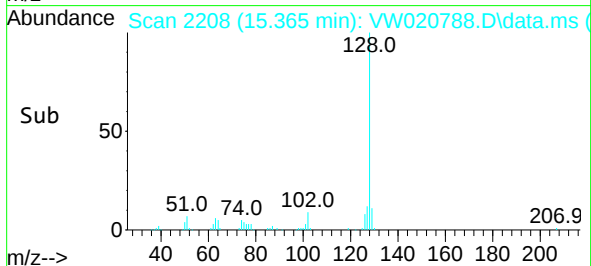
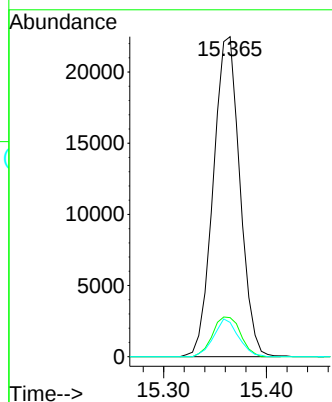
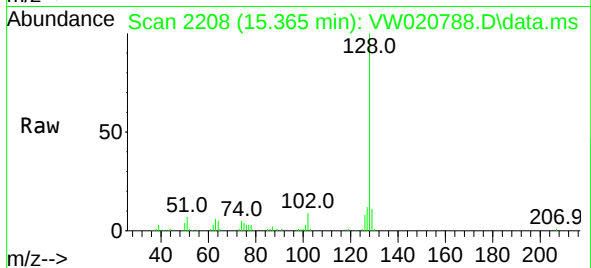
Acq: 05 Nov 2021 18:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	40374
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.7 16.1
129	11.0	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 9.688 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW020788.D

Acq: 05 Nov 2021 18:48

Tgt Ion:180	Resp:	10291
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.6 114.8
145	32.3	27.4 41.0

