

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022111.D
 Acq On : 23 Feb 2022 16:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 24 03:26:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 03:11:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	184806	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	170927	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	89766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	53474	22.184	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery =	88.720%		
7) Chloroethane-d5	2.885	69	42802	22.568	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery =	90.280%		
11) 1,1-Dichloroethene-d2	4.019	63	88856	24.072	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery =	96.280%		
21) 2-Butanone-d5	7.074	46	21734	53.627	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery =	107.260%		
24) Chloroform-d	7.653	84	103423	25.083	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery =	100.320%		
26) 1,2-Dichloroethane-d4	8.305	65	52063	24.291	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery =	97.160%		
32) Benzene-d6	8.275	84	201337	25.310	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery =	101.240%		
36) 1,2-Dichloropropane-d6	9.275	67	54396	24.623	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery =	98.480%		
41) Toluene-d8	10.323	98	200751	25.384	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery =	101.520%		
43) trans-1,3-Dichloroprop...	10.579	79	25276	25.804	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery =	103.200%		
47) 2-Hexanone-d5	10.921	63	19920	54.824	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery =	109.640%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	47374	24.435	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery =	97.720%		
66) 1,2-Dichlorobenzene-d4	13.853	152	76143	26.409	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery =	105.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	12565	24.328	ug/L	96
3) Chloromethane	2.215	50	37082	20.952	ug/L	97
5) Vinyl chloride	2.361	62	55139	20.735	ug/L	99
6) Bromomethane	2.782	94	39165	21.088	ug/L	95
8) Chloroethane	2.922	64	31917	21.366	ug/L	98
9) Trichlorofluoromethane	3.263	101	42686	23.643	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	50443	22.901	ug/L	95
12) 1,1-Dichloroethene	4.044	96	44700	23.415	ug/L	98
13) Acetone	4.117	43	14882	44.959	ug/L	96
14) Carbon disulfide	4.385	76	112460	22.722	ug/L	98
16) Methylene chloride	4.916	84	49071	21.632	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	49817	23.758	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	73308	25.697	ug/L	99
19) 1,1-Dichloroethane	6.220	63	82546	24.317	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	55116	24.265	ug/L	98
22) 2-Butanone	7.171	43	24285	51.073	ug/L	97
23) Bromochloromethane	7.513	128	27182	24.497	ug/L	95
25) Chloroform	7.677	83	94568	23.876	ug/L	99

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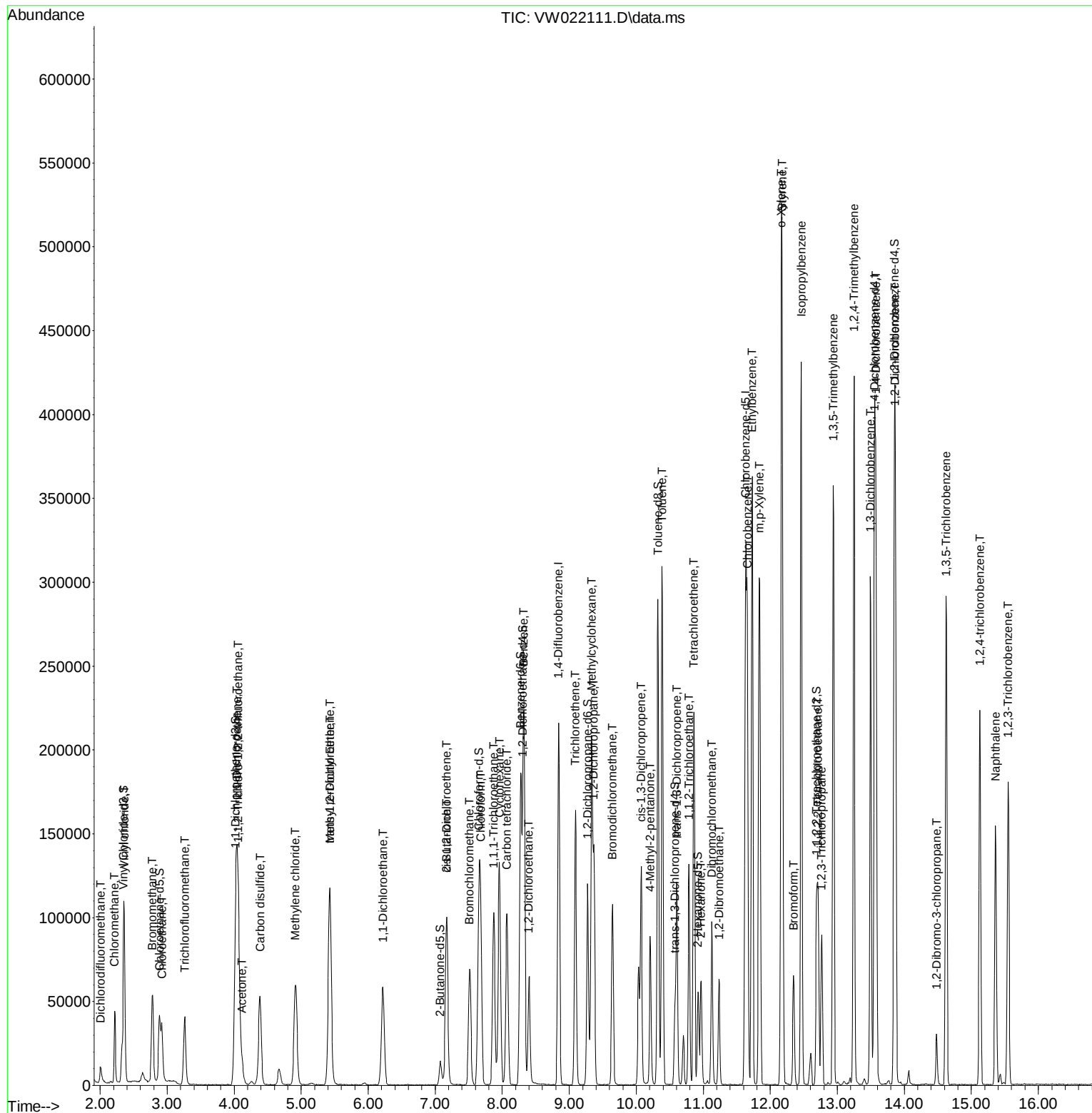
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27) 1,2-Dichloroethane	8.397	62	58869	24.131	ug/L	98
29) Cyclohexane	7.958	56	70431	24.760	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	84248	24.499	ug/L	100
31) Carbon tetrachloride	8.067	117	80199	24.539	ug/L	100
33) Benzene	8.323	78	199576	24.150	ug/L	100
34) Trichloroethene	9.092	95	55359	23.396	ug/L	98
35) Methylcyclohexane	9.335	83	89068	24.336	ug/L	99
37) 1,2-Dichloropropane	9.366	63	46286	24.008	ug/L	99
38) Bromodichloromethane	9.646	83	67746	24.504	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	76334	26.048	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	53093	50.995	ug/L	100
42) Toluene	10.384	91	230263	24.619	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	66833	25.378	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	39895	23.336	ug/L	95
46) Tetrachloroethene	10.860	164	50973	24.592	ug/L	92
48) 2-Hexanone	10.963	43	36584	50.628	ug/L	97
49) Dibromochloromethane	11.128	129	51976	25.030	ug/L	98
50) 1,2-Dibromoethane	11.238	107	41163	24.963	ug/L #	97
51) Chlorobenzene	11.658	112	157268	24.160	ug/L	97
52) Ethylbenzene	11.731	91	258690	24.991	ug/L	96
53) m,p-Xylene	11.835	106	106712	25.053	ug/L	98
54) o-Xylene	12.164	106	100573	25.095	ug/L	91
55) Styrene	12.176	104	172280	25.642	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	48758	24.581	ug/L	98
59) Bromoform	12.347	173	28941	24.380	ug/L #	93
60) Isopropylbenzene	12.463	105	276479	25.658	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	34800	24.563	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	193866	27.056	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	234584	26.788	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	129235	24.176	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	129363	24.149	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	114734	24.141	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	7057	23.562	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	93542	24.381	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	73006	25.148	ug/L	95
71) Naphthalene	15.359	128	132512	25.857	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	61664	24.558	ug/L	95

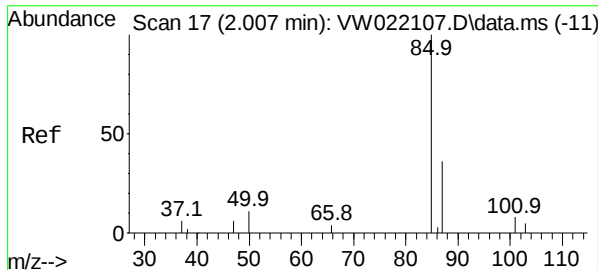
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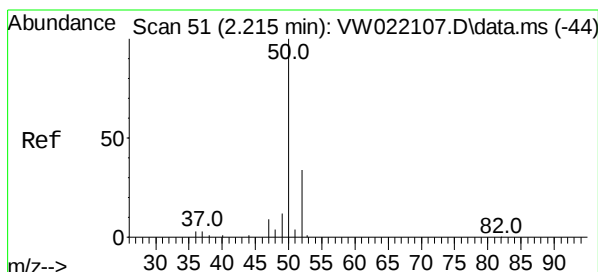
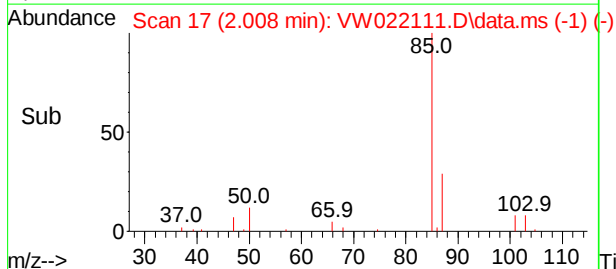
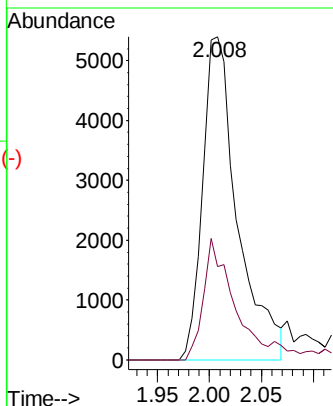
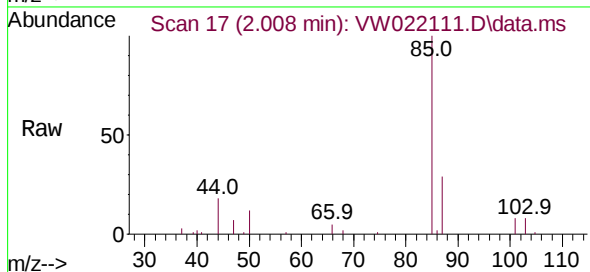




Dichlorodifluoromethane
 Concen: 24.328 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

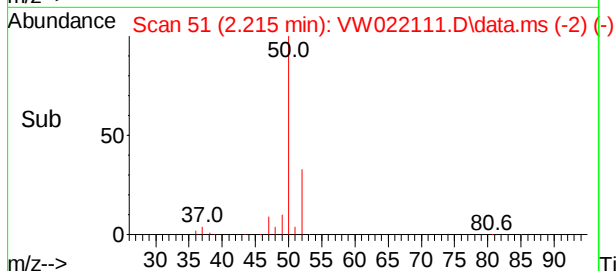
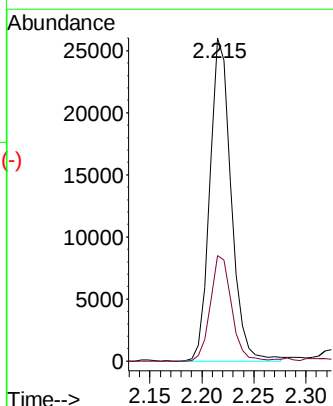
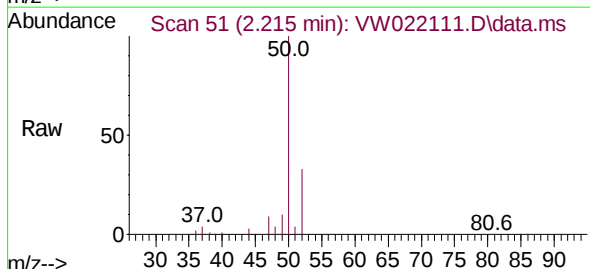
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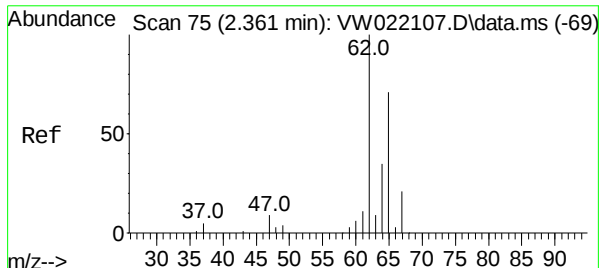
Tgt Ion: 85 Resp: 12565
 Ion Ratio Lower Upper
 85 100
 87 32.0 27.6 41.4



Chloromethane
 Concen: 20.952 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Tgt Ion: 50 Resp: 37082
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.9 44.5

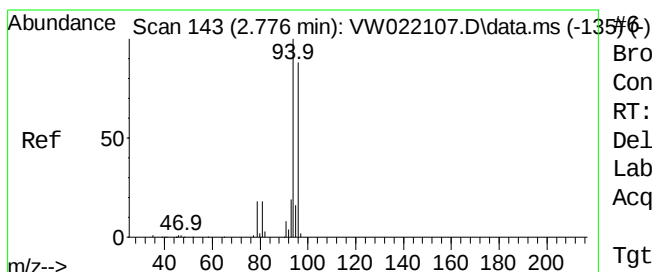
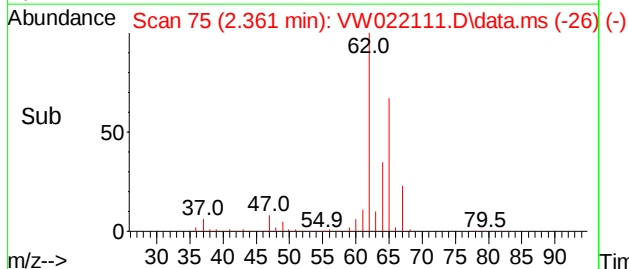
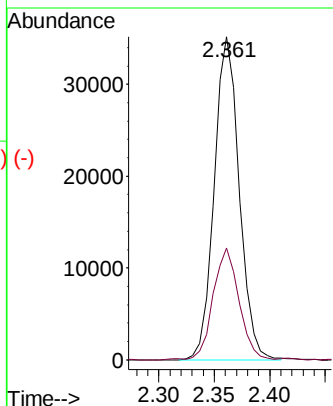
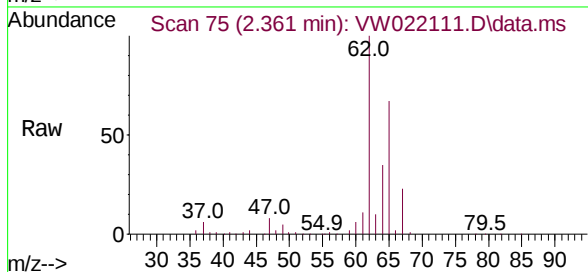




Vinyl chloride
 Concen: 20.735 ug/L
 RT: 2.361 min Scan#
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

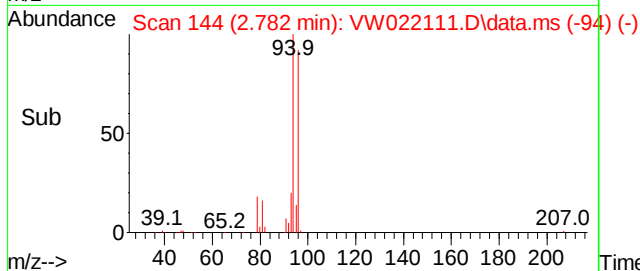
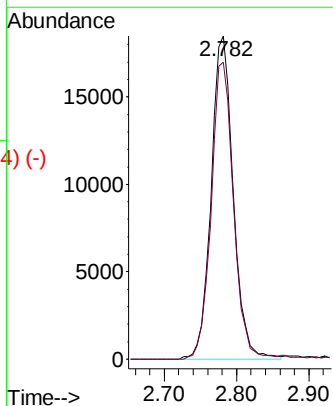
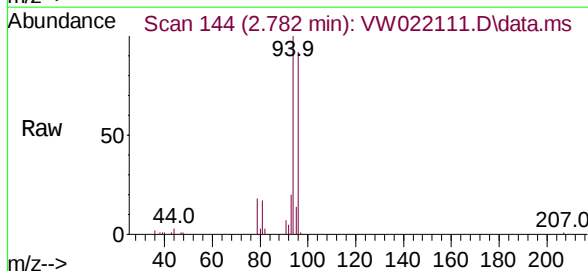
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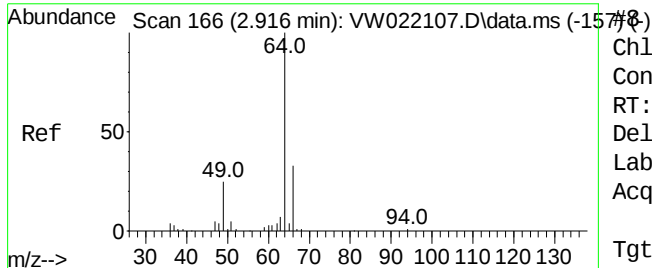
Tgt Ion: 62 Resp: 55139
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.7 45.9



Bromomethane
 Concen: 21.088 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Tgt Ion: 94 Resp: 39165
 Ion Ratio Lower Upper
 94 100
 96 91.9 61.2 113.8





Chloroethane

Concen: 21.366 ug/L

RT: 2.922 min Scan#

Delta R.T. 0.006 min

Lab File: VW022111.D

Acq: 23 Feb 2022 16:00

Instrument :

MSVOA_W

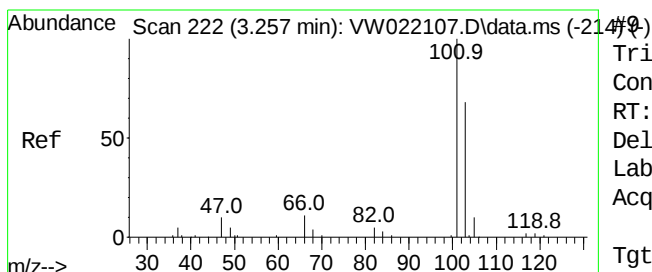
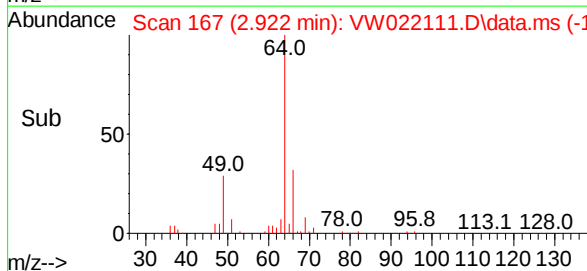
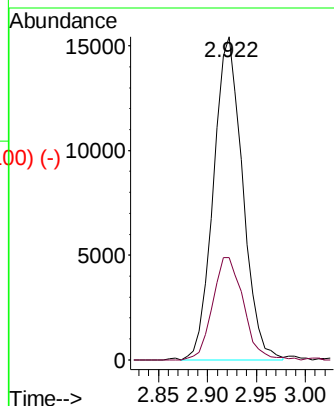
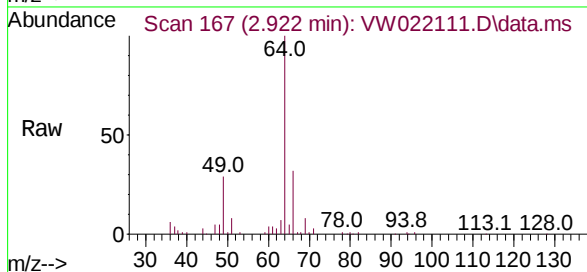
ClientSampleId :

Tgt Ion: 64 Resp: 31917

Ion Ratio Lower Upper

64 100

66 31.7 23.2 43.0



Trichlorofluoromethane

Concen: 23.643 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.006 min

Lab File: VW022111.D

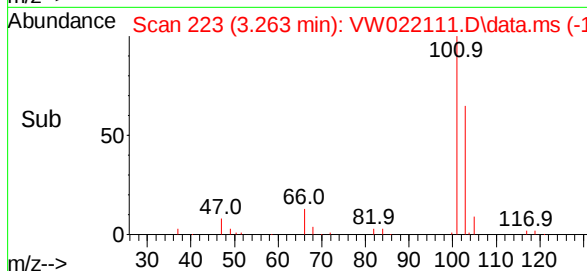
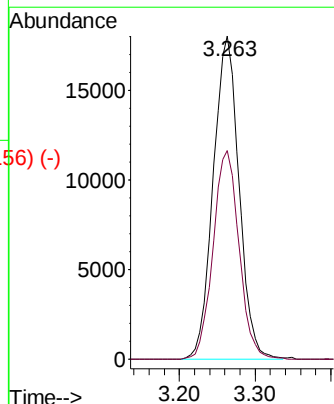
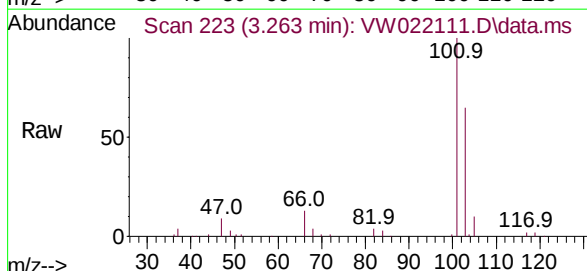
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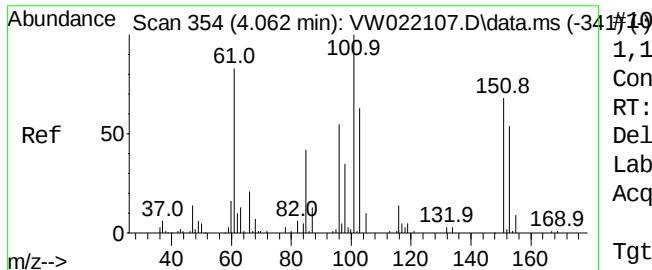
Tgt Ion:101 Resp: 42686

Ion Ratio Lower Upper

101 100

103 64.8 53.2 79.8

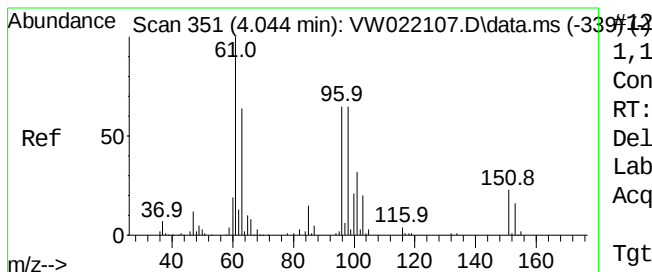
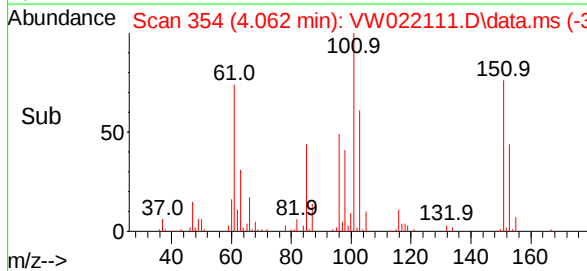
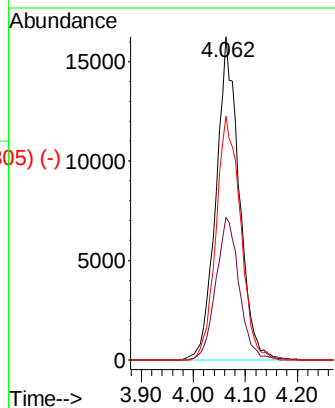
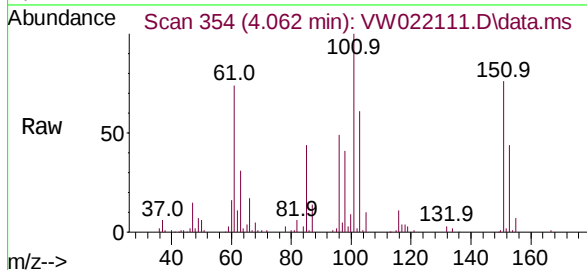




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.901 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW022111.D
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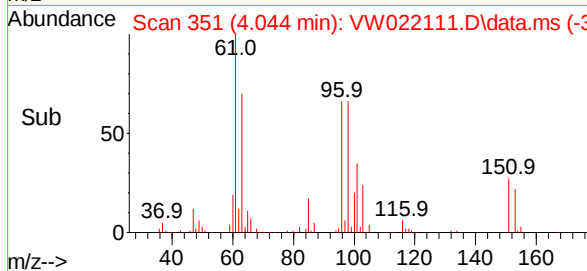
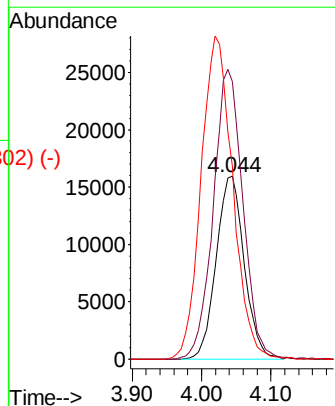
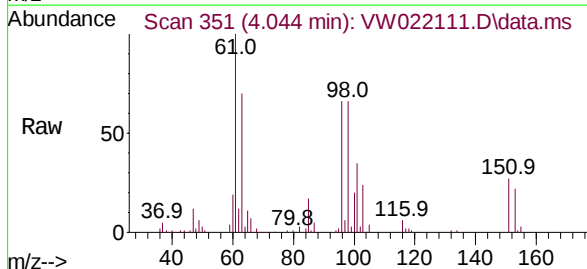
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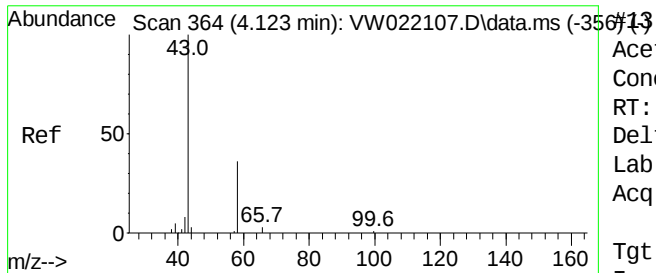
Tgt Ion:	101	Resp:	50443
Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.4	51.6
151	79.4	59.0	88.4



1,1-Dichloroethene
 Concen: 23.415 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022111.D
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Tgt Ion:	96	Resp:	44700
Ion	Ratio	Lower	Upper
96	100		
61	152.0	108.4	201.2
63	105.7	72.0	133.6





Acetone

Concen: 44.959 ug/L

RT: 4.117 min Scan#

Delta R.T. -0.006 min

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Instrument :

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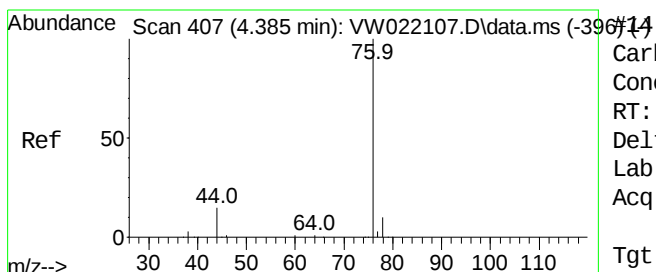
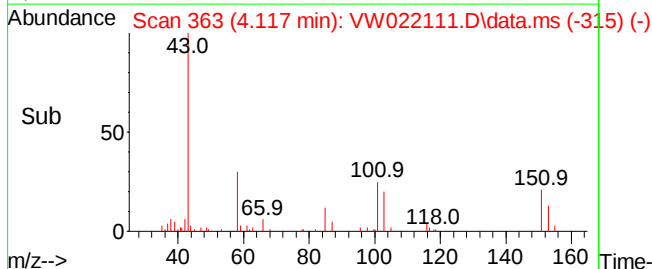
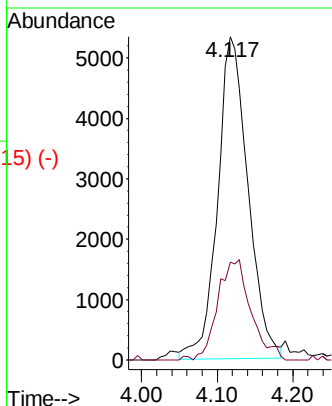
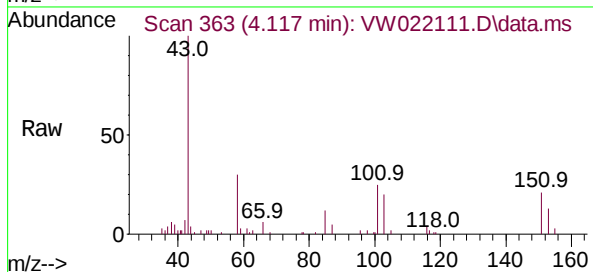
ClientSampleId :

Tgt Ion: 43 Resp: 14882

Ion Ratio Lower Upper

43 100

58 32.4 0.0 69.2



Carbon disulfide

Concen: 22.722 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW022111.D

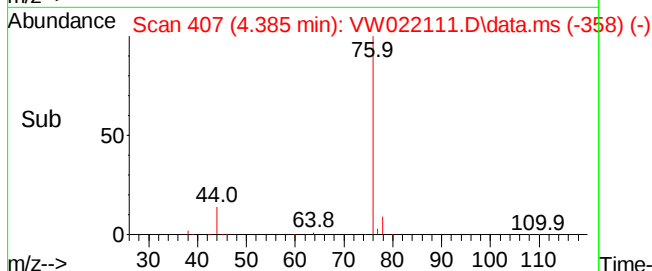
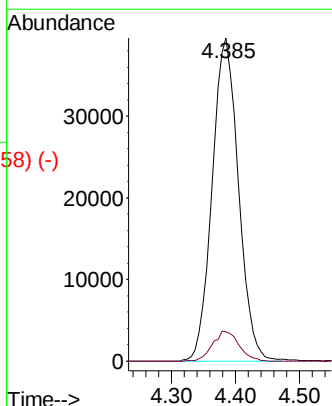
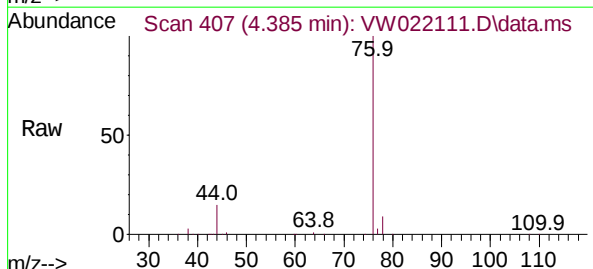
Acq: 23 Feb 2022 16:00

Tgt Ion: 76 Resp: 112460

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8



Abundance Scan 495 (4.922 min): VW022107.D\data.ms (-481) #16

Methylene chloride

Concen: 21.632 ug/L

RT: 4.916 min Scan# 4

Delta R.T. -0.006 min

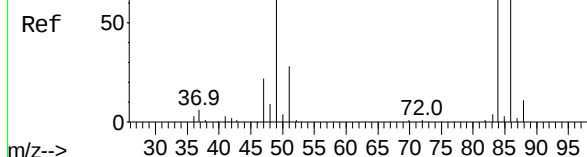
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ClientSampleId :



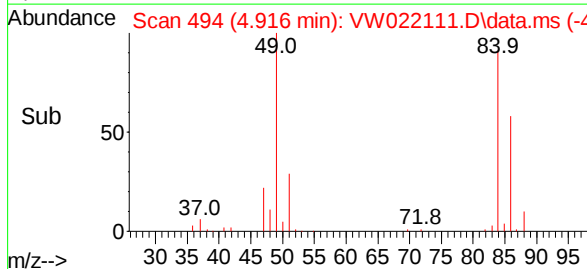
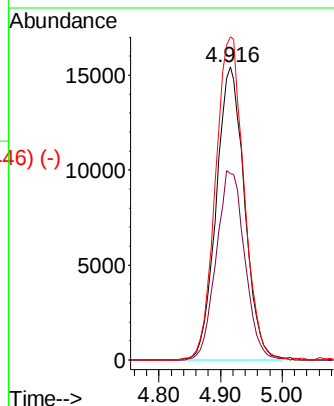
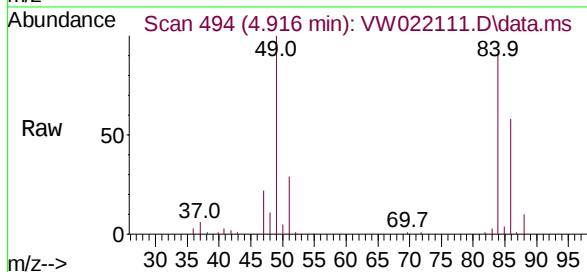
Tgt Ion: 84 Resp: 49071

Ion Ratio Lower Upper

84 100

86 63.5 45.8 85.0

49 110.3 73.8 137.0



Abundance Scan 578 (5.428 min): VW022107.D\data.ms (-567) #17

trans-1,2-Dichloroethene

Concen: 23.758 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022111.D

Acq: 23 Feb 2022 16:00

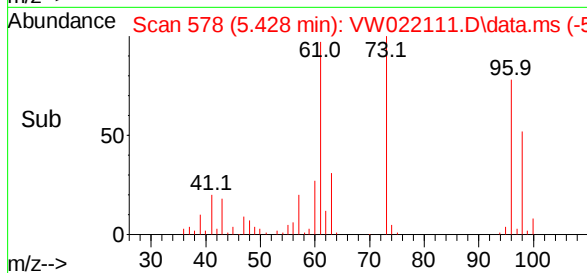
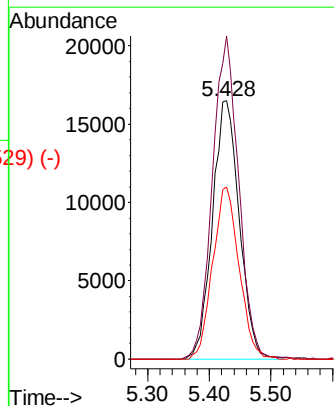
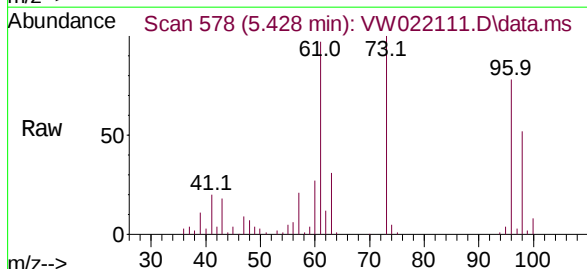
Tgt Ion: 96 Resp: 49817

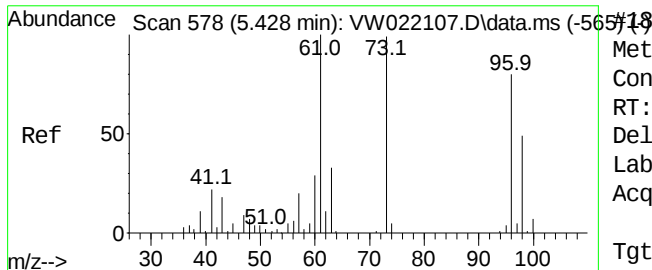
Ion Ratio Lower Upper

96 100

61 125.1 87.3 162.1

98 66.7 43.2 80.2

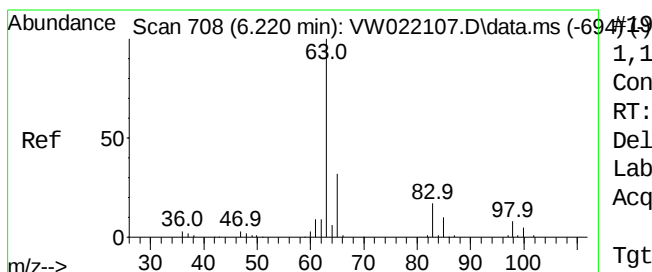
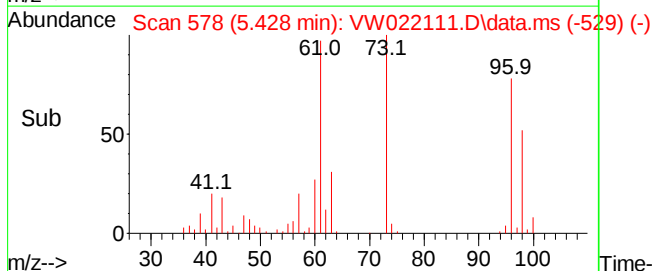
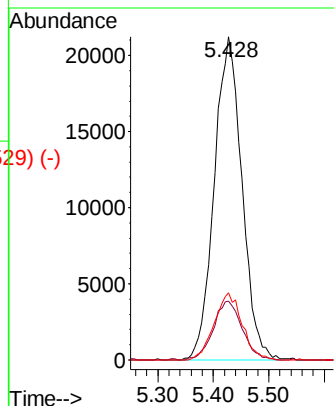
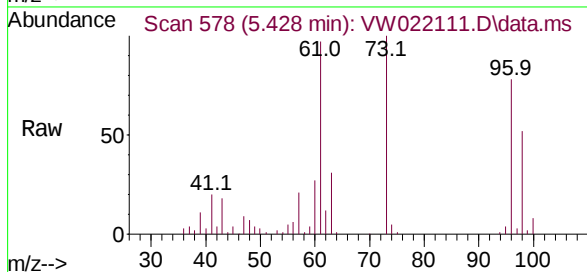




Methyl tert-butyl Ether
 Concen: 25.697 ug/L
 RT: 5.428 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

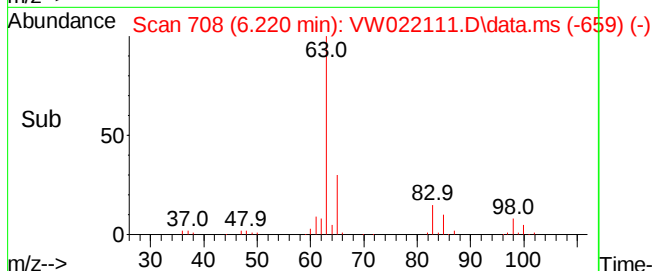
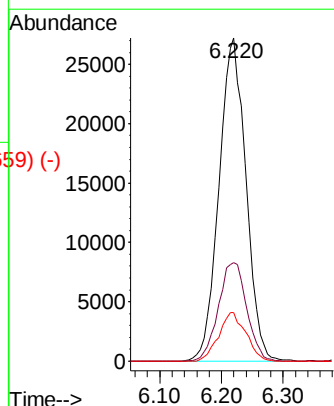
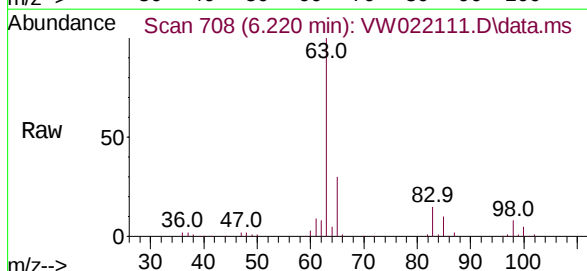
Instrument :
 MSVOA_W
 ClientSampleId :

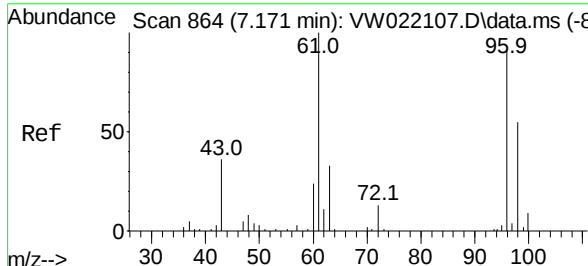
Tgt Ion:	73	Resp:	73308
Ion	Ratio	Lower	Upper
73	100		
43	18.9	15.4	23.2
57	20.9	16.5	24.7



1,1-Dichloroethane
 Concen: 24.317 ug/L
 RT: 6.220 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Tgt Ion:	63	Resp:	82546
Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.5	41.9
83	15.0	11.5	21.5

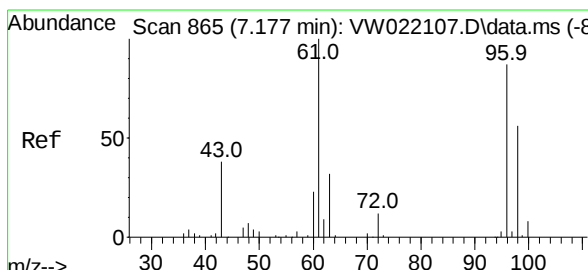
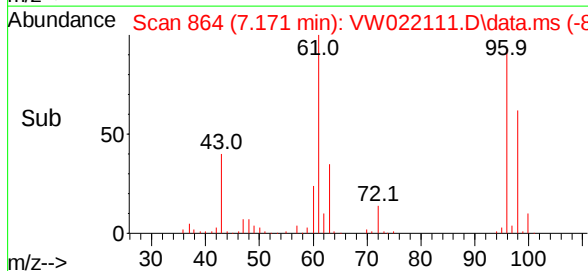
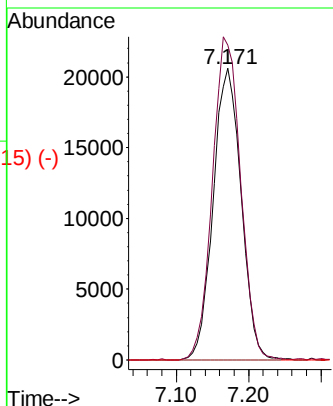
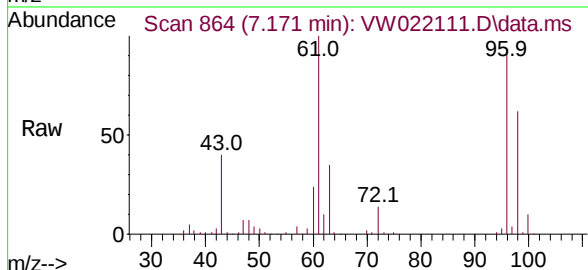




Scan 864 (7.171 min): VW022107.D\data.ms (-853749)
 cis-1,2-Dichloroethene
 Concen: 24.265 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

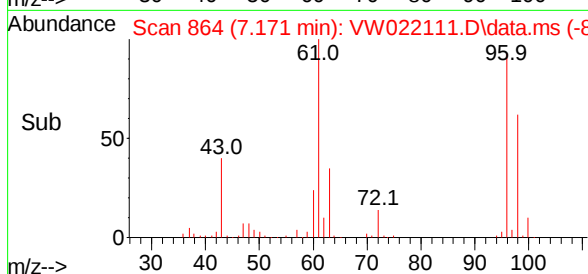
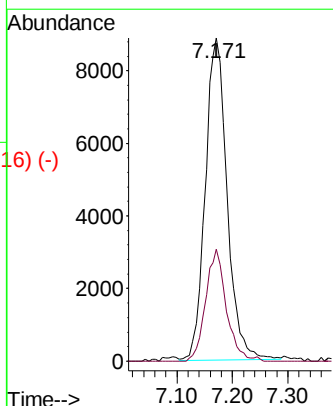
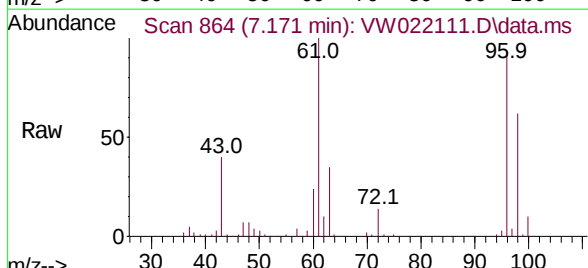
Instrument : MSVOA_W
 ClientSampleId :

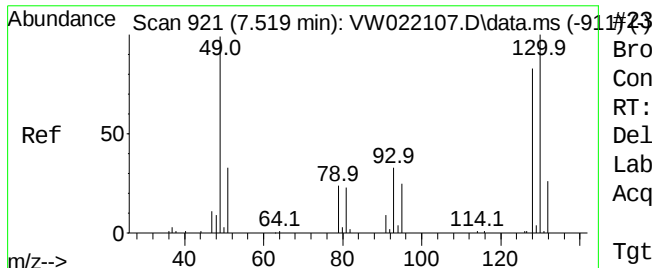
Tgt Ion:	96	Resp:	55116
Ion	Ratio	Lower	Upper
96	100		
61	108.0	76.8	142.6
68	0.0	0.0	0.0



Scan 865 (7.177 min): VW022107.D\data.ms (-853742)
 2-Butanone
 Concen: 51.073 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.006 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Tgt Ion:	43	Resp:	24285
Ion	Ratio	Lower	Upper
43	100		
72	32.5	17.0	51.0





Bromochloromethane

Concen: 24.497 ug/L

RT: 7.513 min Scan# 921

Delta R.T. -0.006 min

Lab File: VW022111.D

Acq: 23 Feb 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128 Resp: 27182

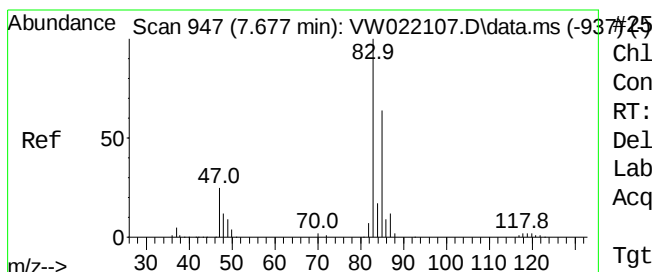
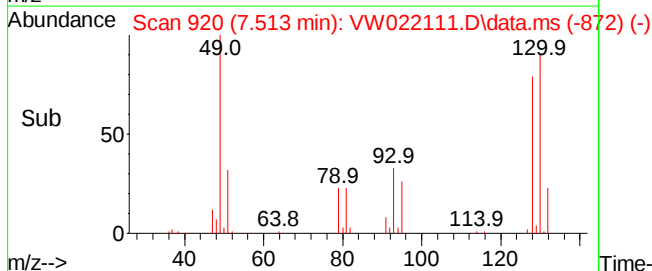
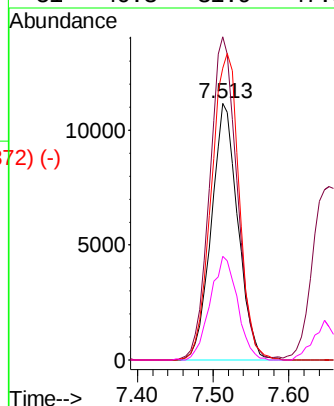
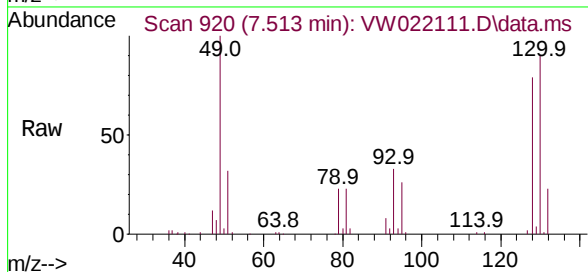
Ion Ratio Lower Upper

128 100

49 125.8 84.2 156.4

130 113.5 84.8 157.4

51 40.3 31.9 47.9



Chloroform

Concen: 23.876 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW022111.D

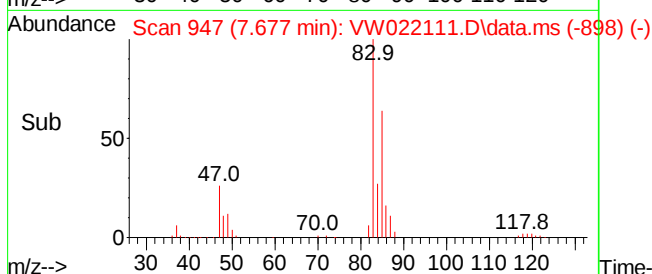
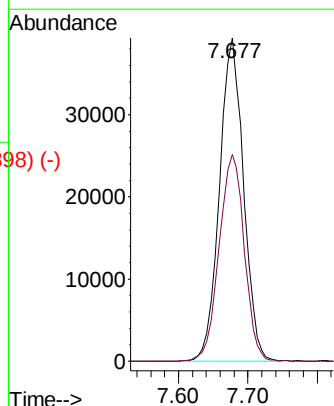
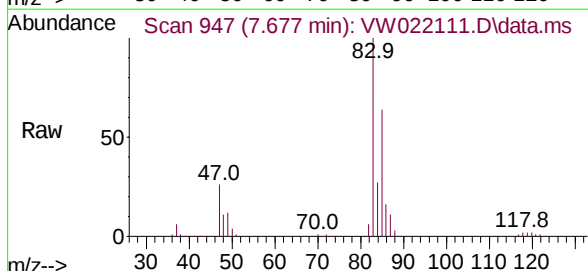
Acq: 23 Feb 2022 16:00

Tgt Ion: 83 Resp: 94568

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.9



Abundance Scan 1065 (8.397 min): VW022107.D\data.ms (-1052) (-)

1,2-Dichloroethane

Concen: 24.131 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

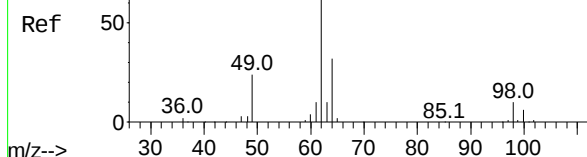
Lab File: VW022111.D

Acq: 23 Feb 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :

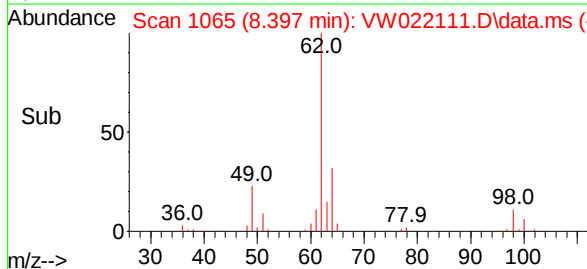
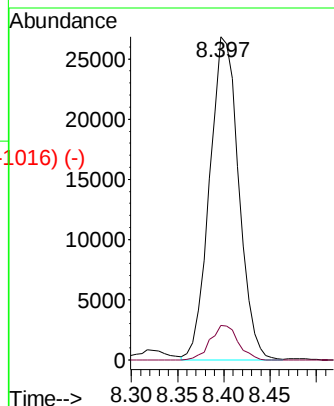
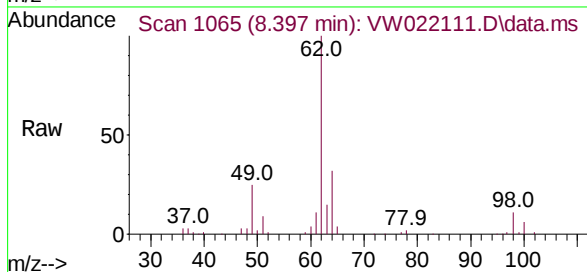


Tgt Ion: 62 Resp: 58869

Ion Ratio Lower Upper

62 100

98 10.8 7.9 11.9



Abundance Scan 993 (7.958 min): VW022107.D\data.ms (-982) (-)

Cyclohexane

Concen: 24.760 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022111.D

Acq: 23 Feb 2022 16:00

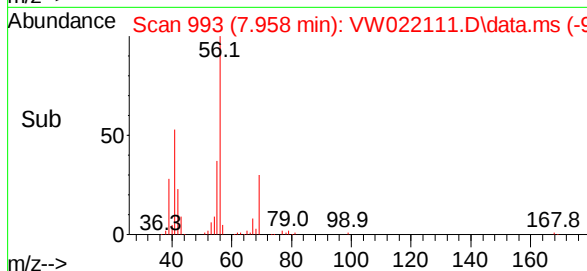
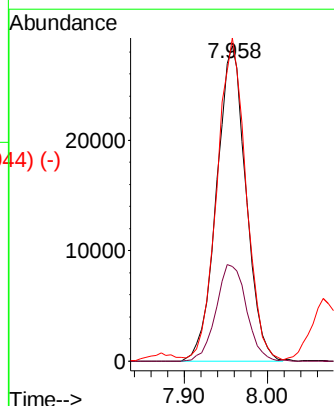
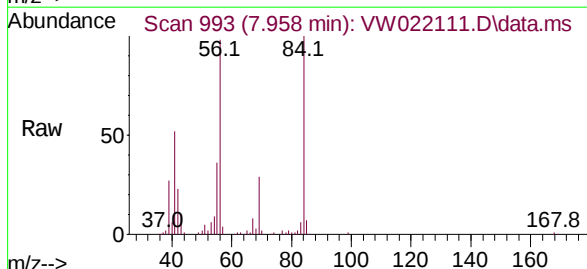
Tgt Ion: 56 Resp: 70431

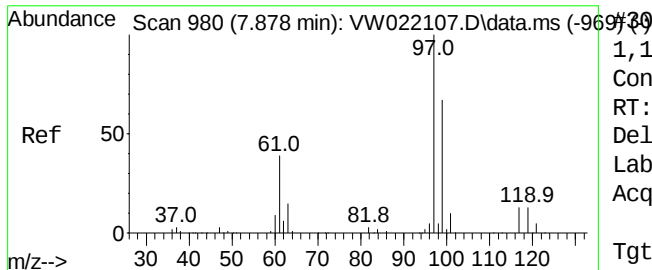
Ion Ratio Lower Upper

56 100

69 31.6 26.3 39.5

84 101.7 81.4 122.2





1,1,1-Trichloroethane

Concen: 24.499 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW022111.D

Acq: 23 Feb 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :

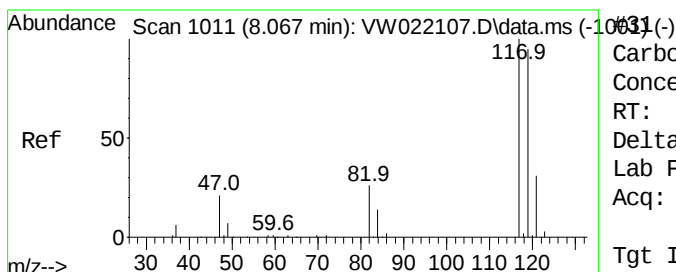
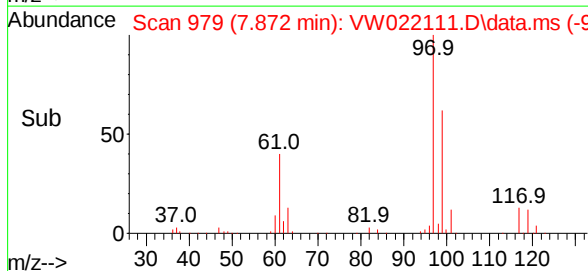
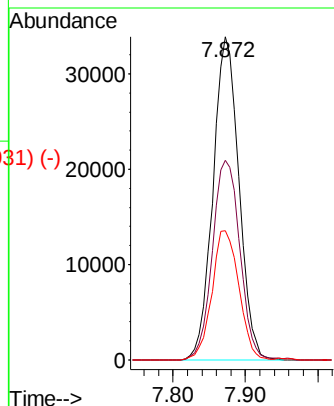
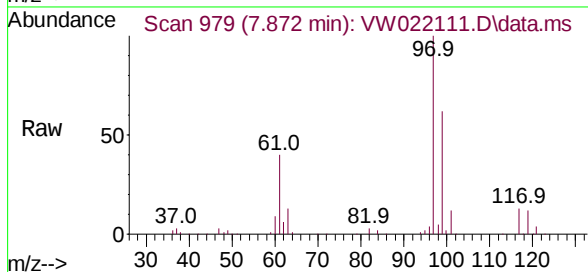
Tgt Ion: 97 Resp: 84248

Ion Ratio Lower Upper

97 100

99 65.4 52.6 78.8

61 41.6 33.0 49.6



Carbon tetrachloride

Concen: 24.539 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW022111.D

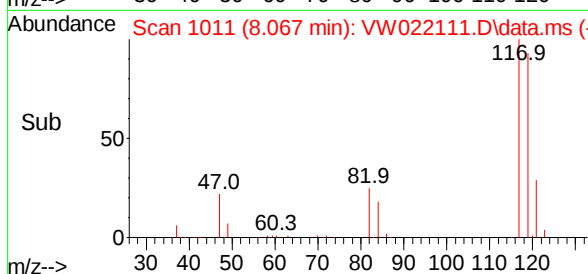
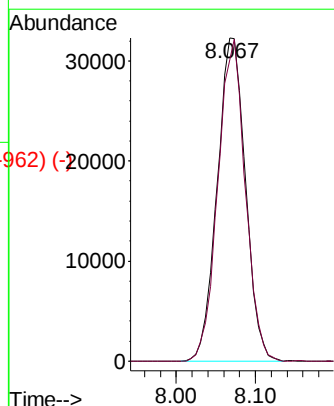
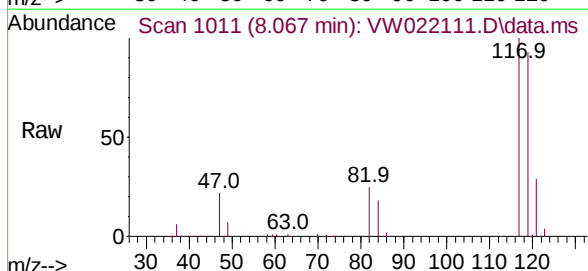
Acq: 23 Feb 2022 16:00

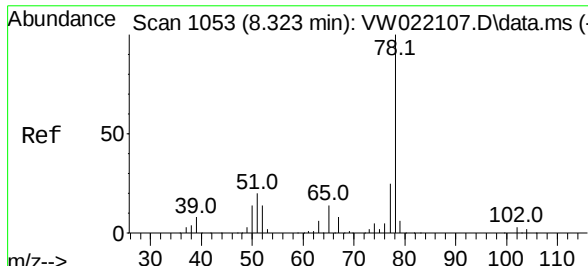
Tgt Ion:117 Resp: 80199

Ion Ratio Lower Upper

117 100

119 96.3 76.7 115.1

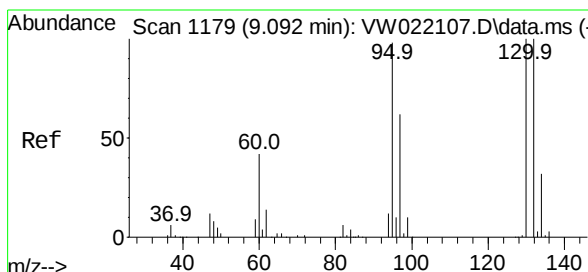
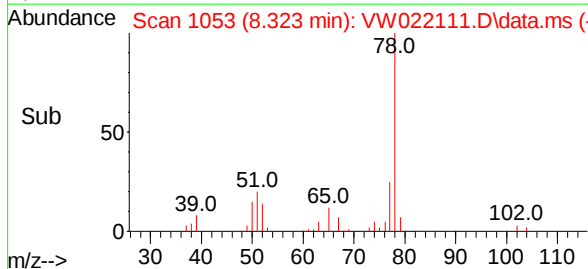
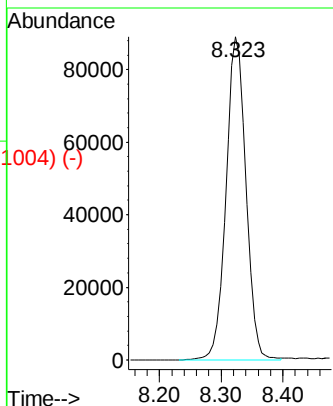
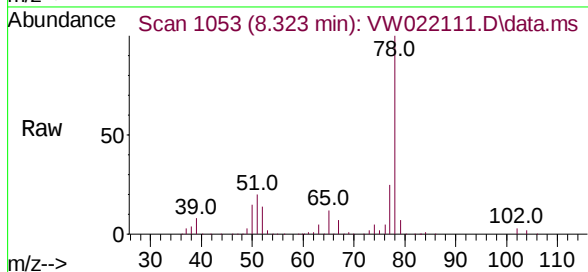




Scan 1053 (8.323 min): VW022107.D\data.ms (-1033) (-)
 Benzene
 Concen: 24.150 ug/L
 RT: 8.323 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Instrument : MSVOA_W
 ClientSampleId :

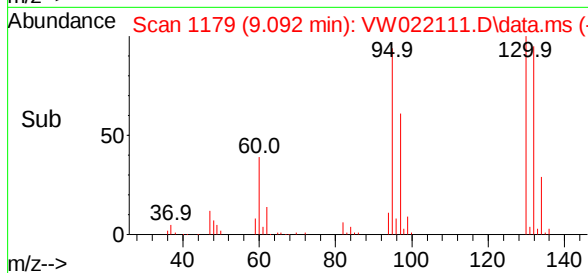
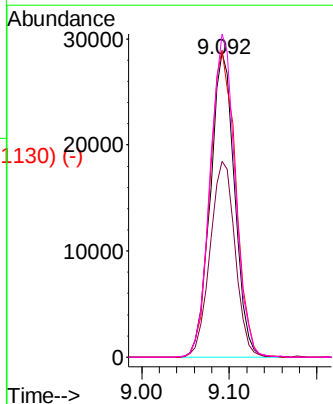
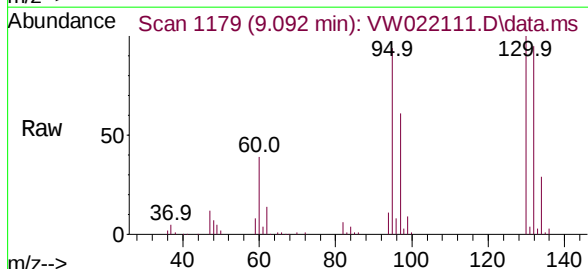
Tgt Ion: 78 Resp: 199576

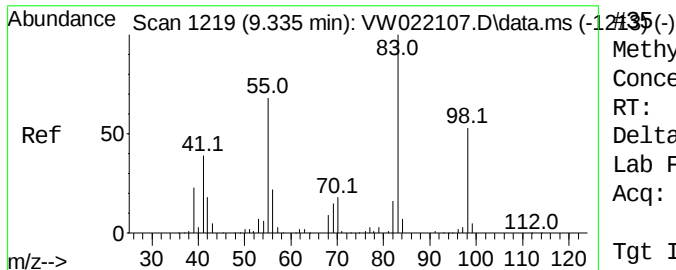


Scan 1179 (9.092 min): VW022107.D\data.ms (-1173) (-)
 Trichloroethene
 Concen: 23.396 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Tgt Ion: 95 Resp: 55359

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.4
132	100.9	71.7	133.1
130	106.2	71.7	133.1





Methylcyclohexane

Concen: 24.336 ug/L

RT: 9.335 min Scan#

Delta R.T. 0.000 min

Lab File: VW022111.D

Acq: 23 Feb 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :

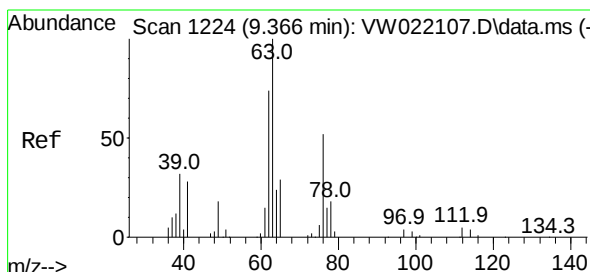
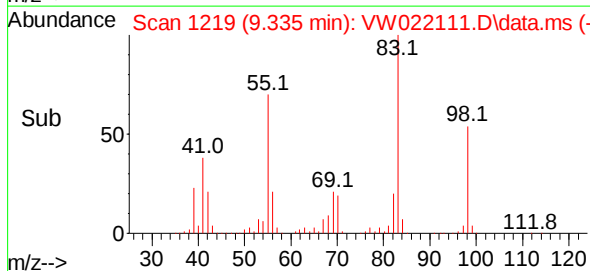
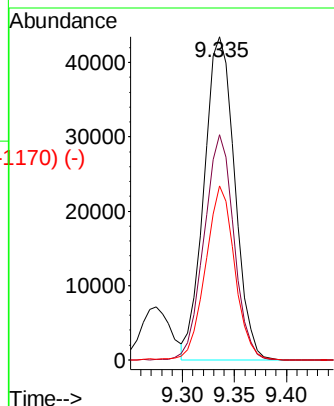
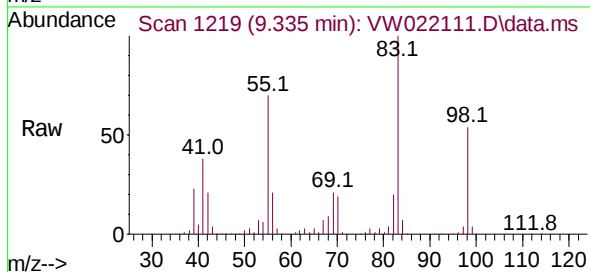
Tgt Ion: 83 Resp: 89068

Ion Ratio Lower Upper

83 100

55 67.6 53.8 80.8

98 51.2 42.1 63.1



1,2-Dichloropropane

Concen: 24.008 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW022111.D

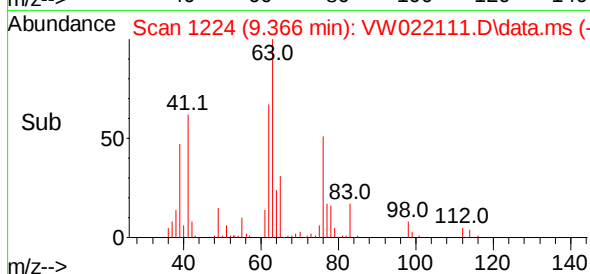
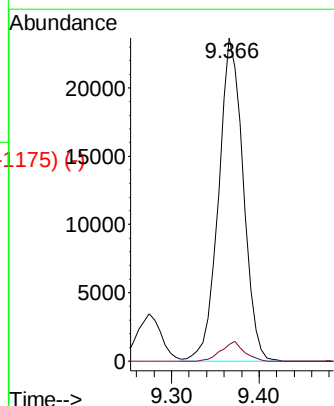
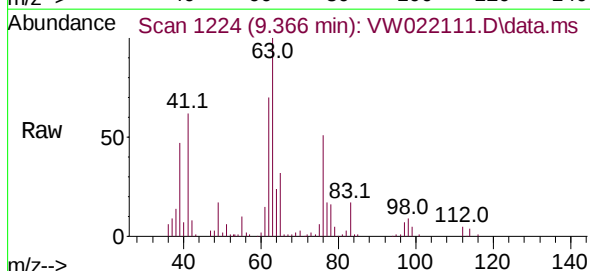
Acq: 23 Feb 2022 16:00

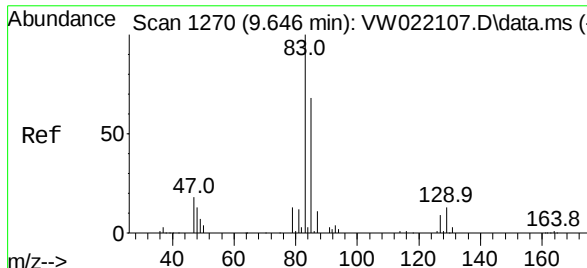
Tgt Ion: 63 Resp: 46286

Ion Ratio Lower Upper

63 100

112 5.6 4.1 6.1

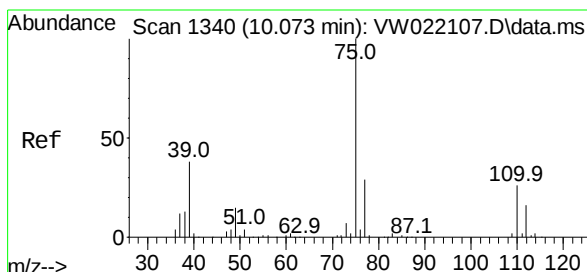
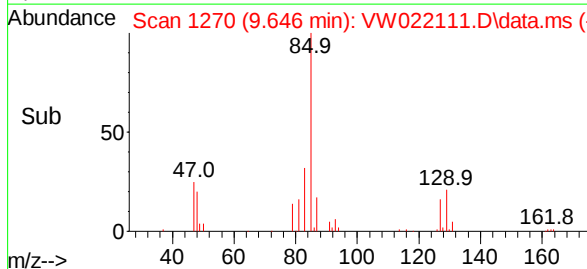
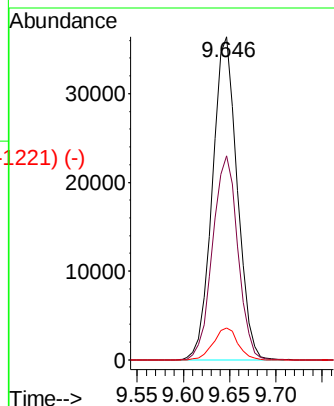
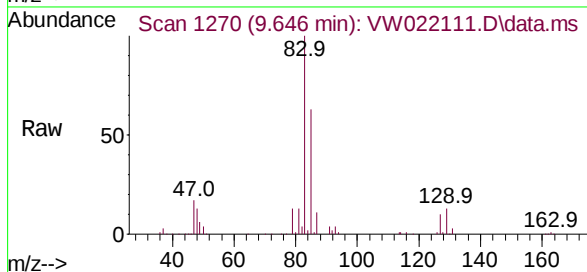




Bromodichloromethane
Concen: 24.504 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

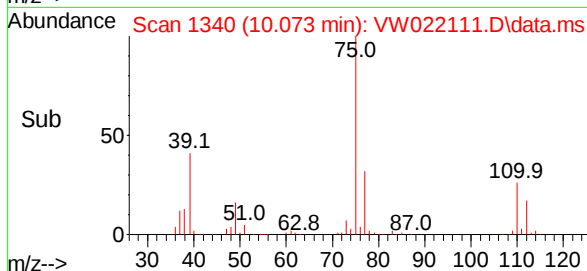
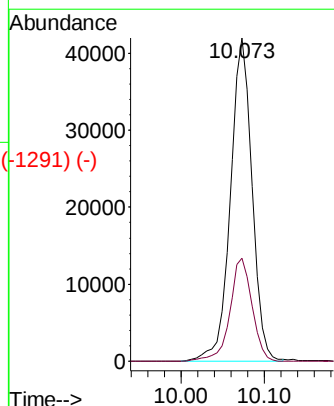
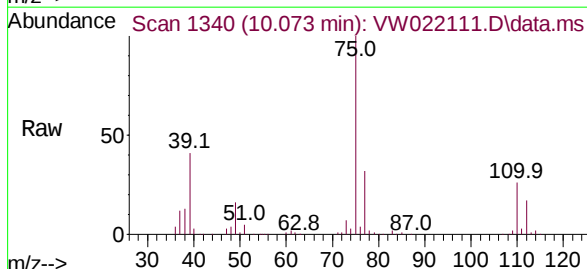
Instrument :
MSVOA_W
ClientSampleId :

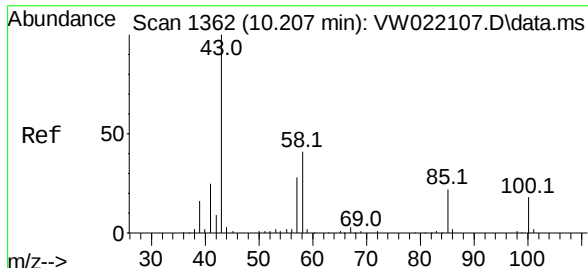
Tgt Ion: 83 Resp: 67746
Ion Ratio Lower Upper
83 100
85 63.3 47.9 89.1
127 9.9 7.5 11.3



cis-1,3-Dichloropropene
Concen: 26.048 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

Tgt Ion: 75 Resp: 76334
Ion Ratio Lower Upper
75 100
77 31.8 20.6 38.2

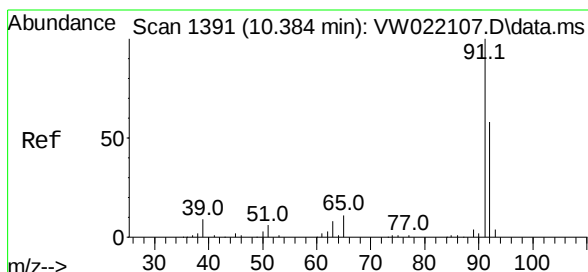
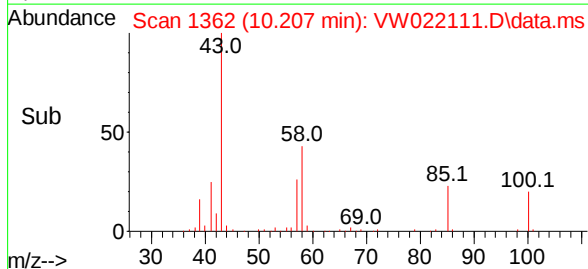
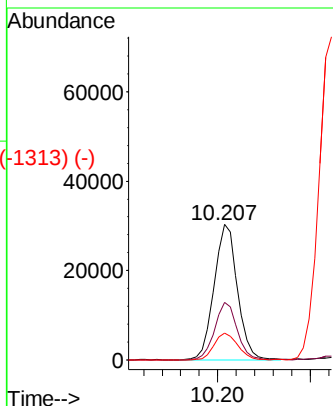
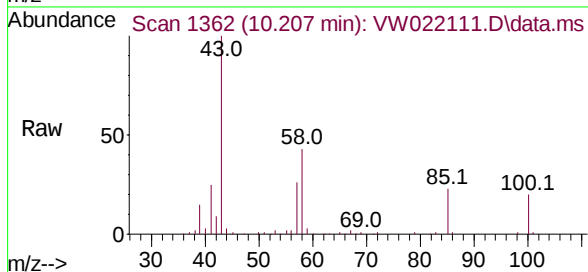




4-Methyl-2-pentanone
 Concen: 50.995 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

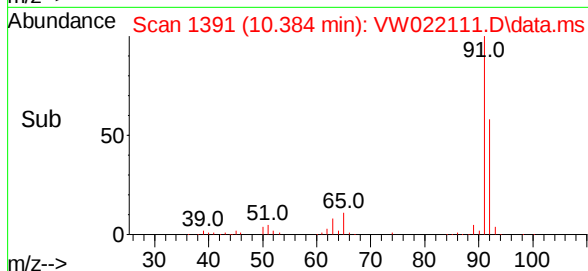
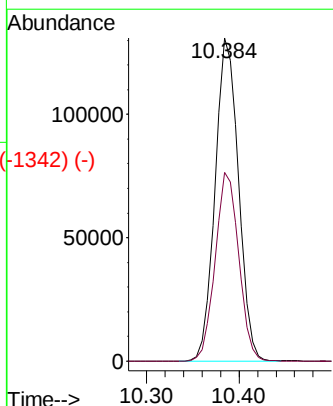
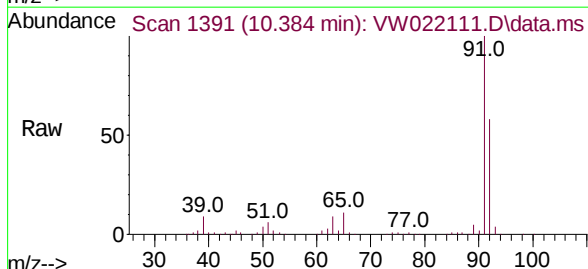
Instrument :
 MSVOA_W
 ClientSampleId :

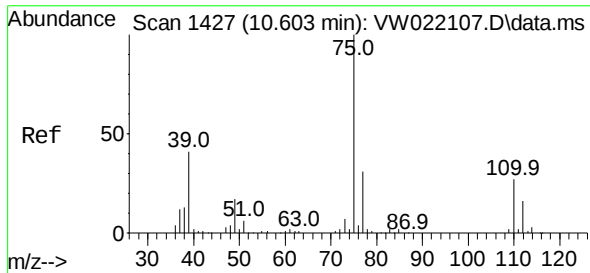
Tgt Ion:	43	Resp:	53093
Ion	Ratio	Lower	Upper
43	100		
58	41.3	33.2	49.8
100	20.0	16.1	24.1



Toluene
 Concen: 24.619 ug/L
 RT: 10.384 min Scan# 1391
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Tgt Ion:	91	Resp:	230263
Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.4	75.0

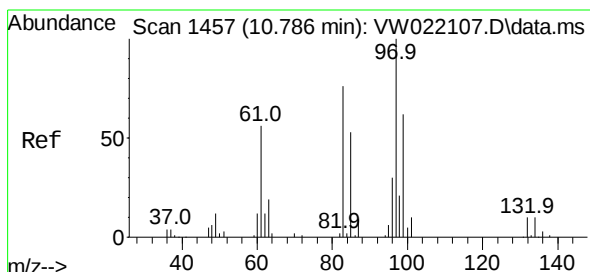
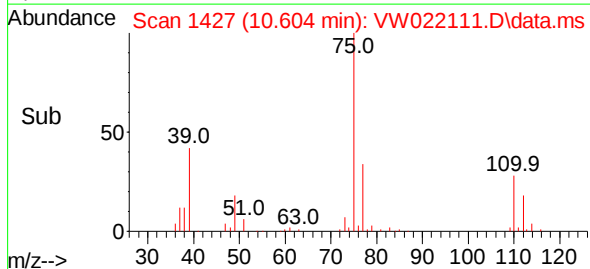
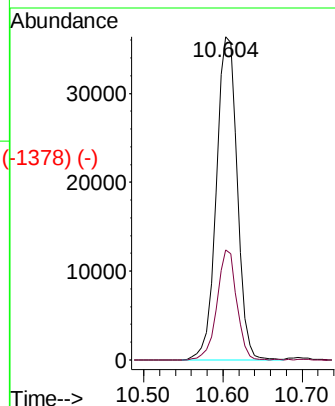
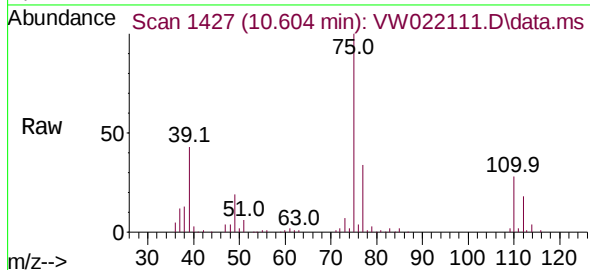




trans-1,3-Dichloropropene
Concen: 25.378 ug/L
RT: 10.604 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

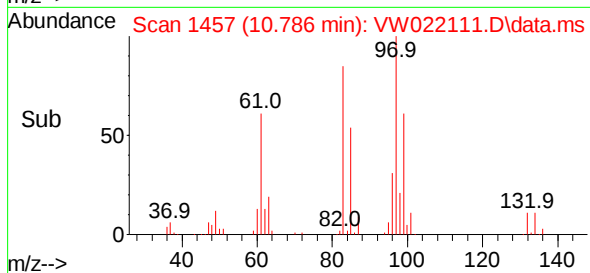
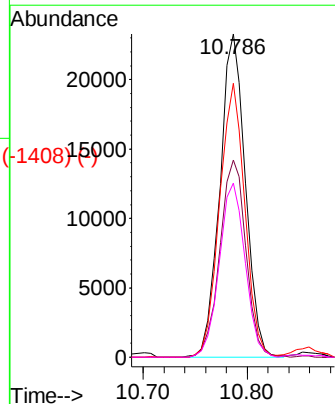
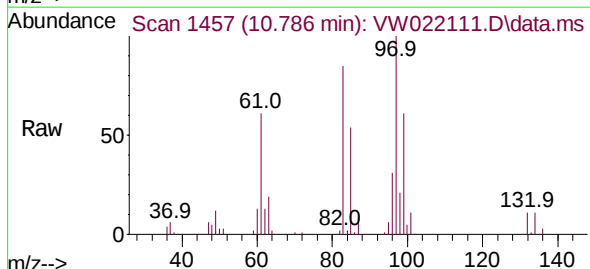
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 66833
Ion Ratio Lower Upper
75 100
77 34.0 22.0 40.8

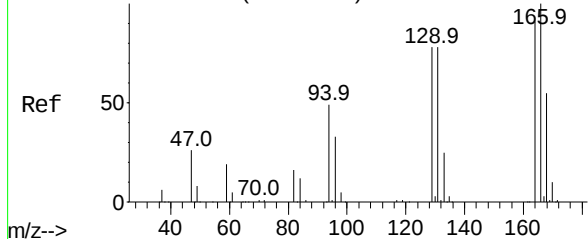


1,1,2-Trichloroethane
Concen: 23.336 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

Tgt Ion: 97 Resp: 39895
Ion Ratio Lower Upper
97 100
99 61.0 43.5 80.7
83 84.8 53.5 99.3
85 53.9 36.9 68.5

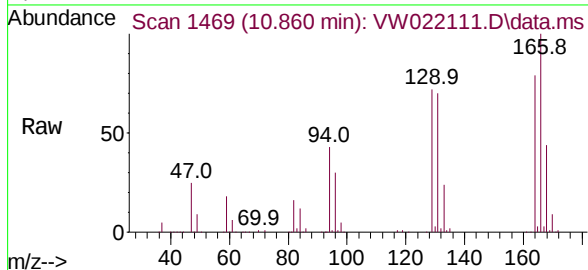


Abundance Scan 1470 (10.866 min): VW022107.D\data.ms (-1462) (-)

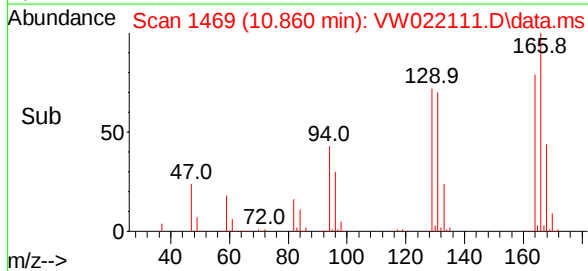
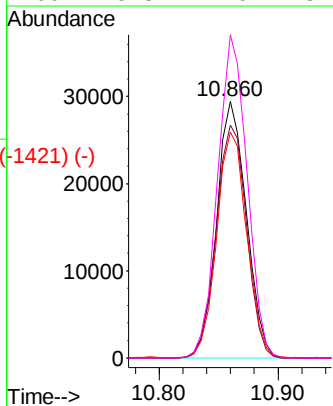


Tetrachloroethene
Concen: 24.592 ug/L
RT: 10.860 min Scan# 1462
Delta R.T. -0.006 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

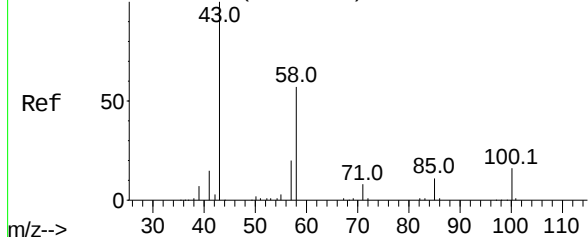
Instrument :
MSVOA_W
ClientSampleId :



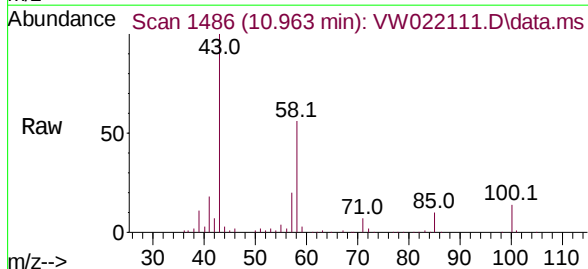
Tgt Ion:	164	Resp:	50973
Ion	Ratio	Lower	Upper
164	100		
129	90.7	60.3	111.9
131	88.1	59.9	111.3
166	125.8	77.0	143.0



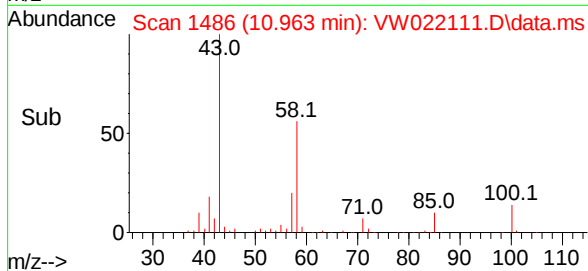
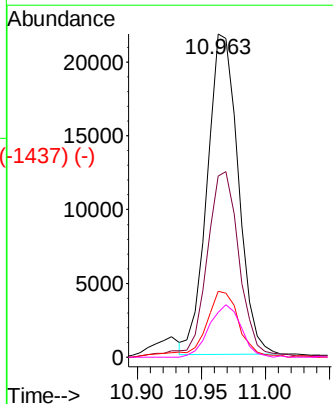
Abundance Scan 1486 (10.963 min): VW022107.D\data.ms (-1482) (-)

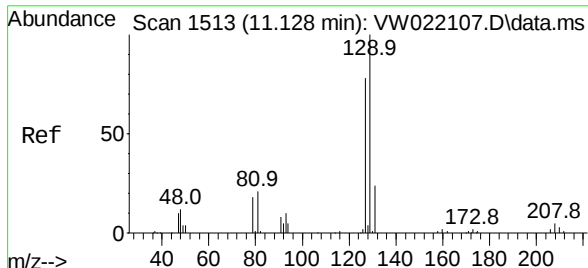


2-Hexanone
Concen: 50.628 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00



Tgt Ion:	43	Resp:	36584
Ion	Ratio	Lower	Upper
43	100		
58	58.3	44.6	66.8
57	20.6	15.8	23.8
100	16.7	12.7	19.1

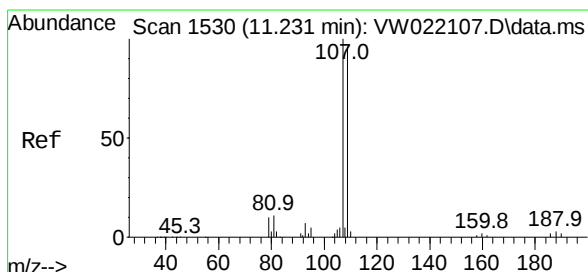
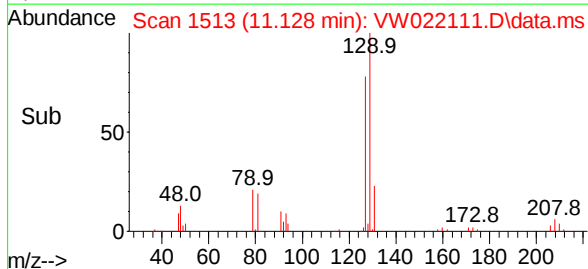
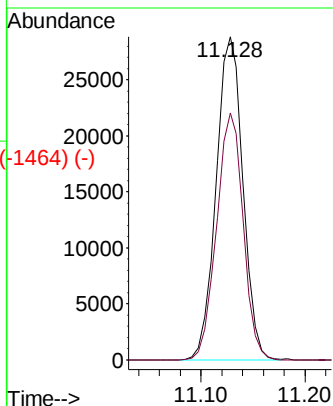
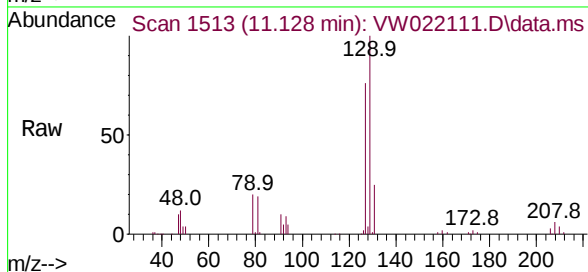




Scan 1513 (11.128 min): VW022107.D\data.ms (-1549) (-)
 Dibromochloromethane
 Concen: 25.030 ug/L
 RT: 11.128 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

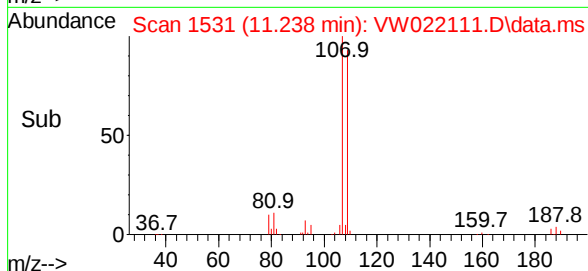
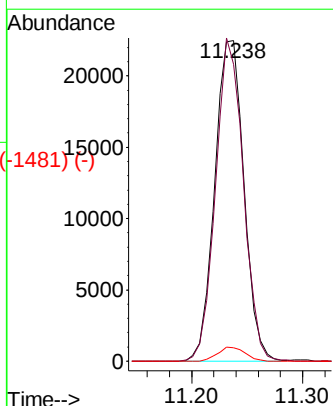
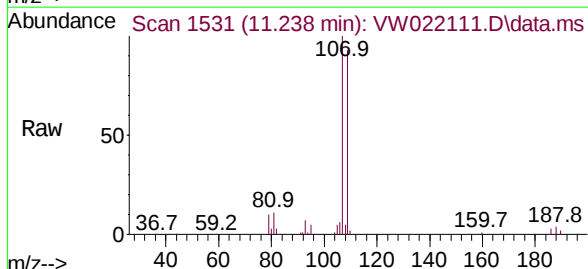
Instrument :
 MSVOA_W
 ClientSampleId :

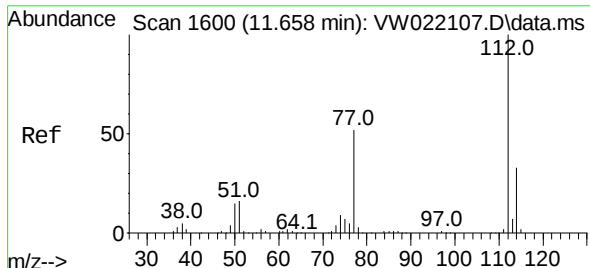
Tgt Ion:129 Resp: 51976
 Ion Ratio Lower Upper
 129 100
 127 76.5 54.5 101.1



Scan 1531 (11.238 min): VW022107.D\data.ms (-1550) (-)
 1,2-Dibromoethane
 Concen: 24.963 ug/L
 RT: 11.238 min Scan# 1531
 Delta R.T. 0.006 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Tgt Ion:107 Resp: 41163
 Ion Ratio Lower Upper
 107 100
 109 92.7 66.8 124.2
 188 4.2 2.6 4.0#

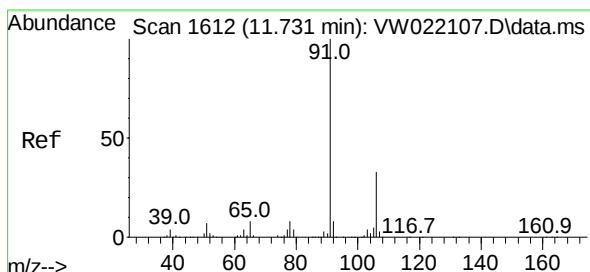
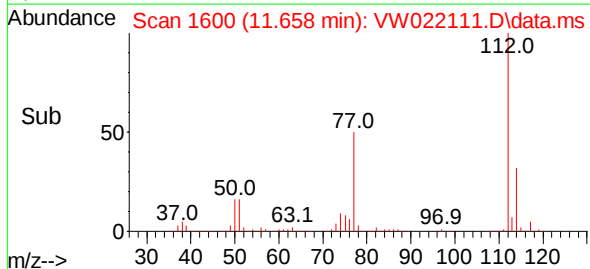
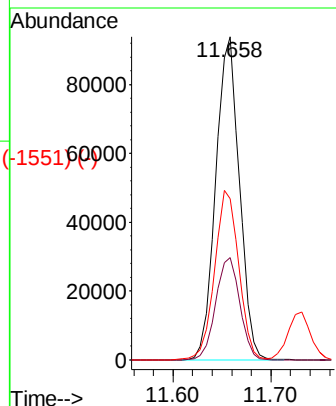
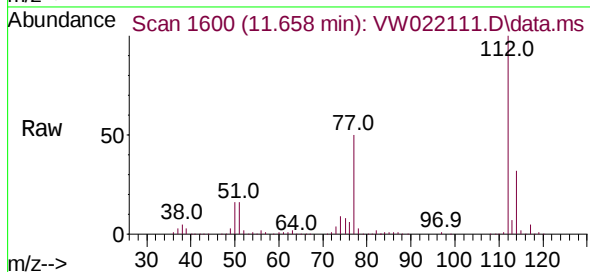




Scan 1600 (11.658 min): VW022107.D\data.ms (-1551) (-)
 Chlorobenzene
 Concen: 24.160 ug/L
 RT: 11.658 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

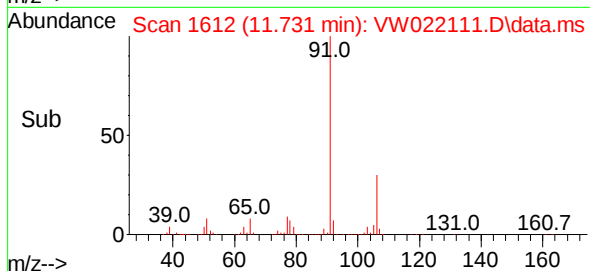
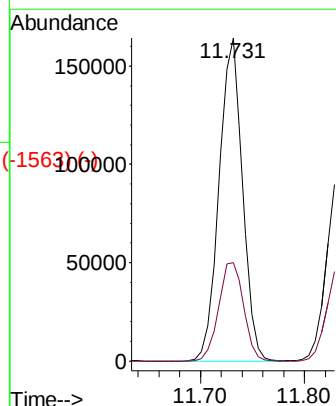
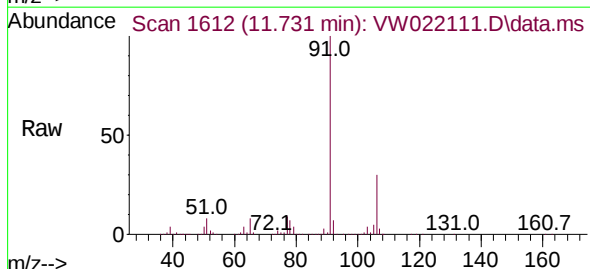
Instrument : MSVOA_W
 ClientSampleId :

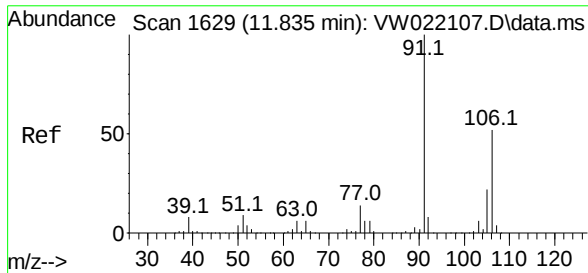
Tgt Ion:	112	Resp:	157268
Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.0	42.8
77	49.9	41.8	62.6



Scan 1612 (11.731 min): VW022107.D\data.ms (-1552) (-)
 Ethylbenzene
 Concen: 24.991 ug/L
 RT: 11.731 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Tgt Ion:	91	Resp:	258690
Ion	Ratio	Lower	Upper
91	100		
106	30.4	22.8	42.4

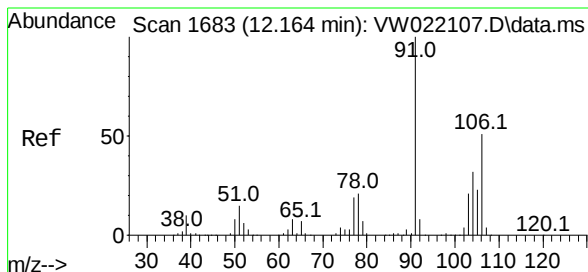
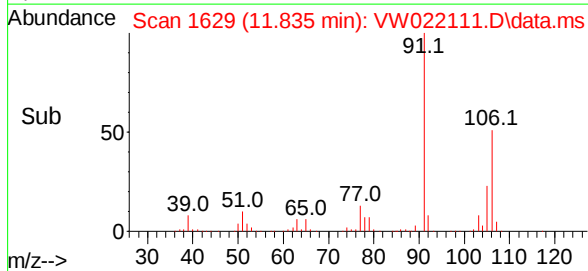
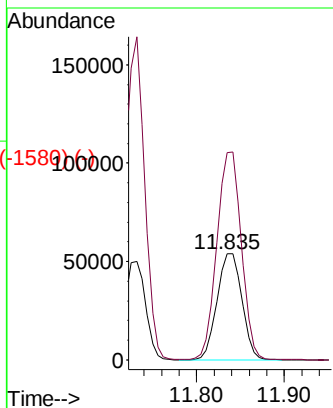
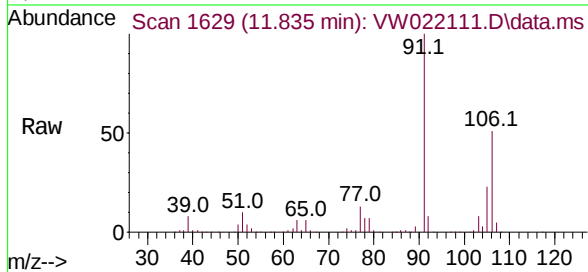




Scan 1629 (11.835 min): VW022107.D\data.ms (-1653) (-)
 m,p-Xylene
 Concen: 25.053 ug/L
 RT: 11.835 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

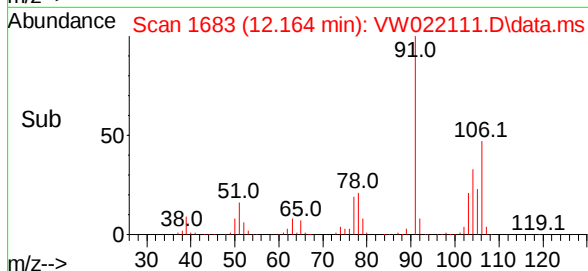
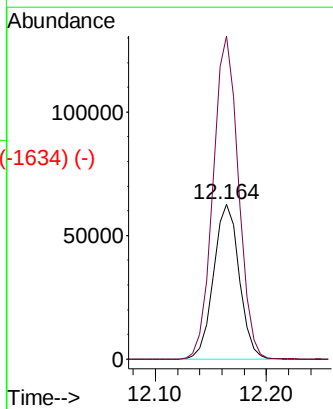
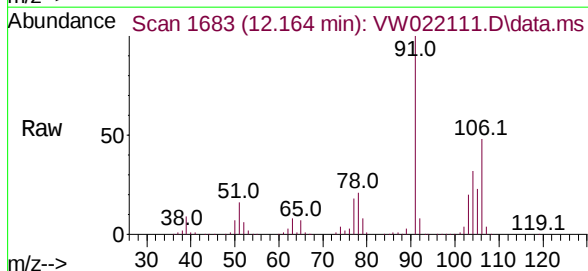
Instrument :
 MSVOA_W
 ClientSampleId :

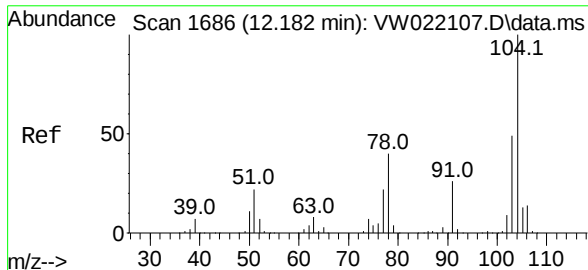
Tgt Ion:106 Resp: 106712
 Ion Ratio Lower Upper
 106 100
 91 195.1 135.0 250.8



Scan 1683 (12.164 min): VW022107.D\data.ms (-1654) (-)
 o-Xylene
 Concen: 25.095 ug/L
 RT: 12.164 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Tgt Ion:106 Resp: 100573
 Ion Ratio Lower Upper
 106 100
 91 208.4 136.9 254.3

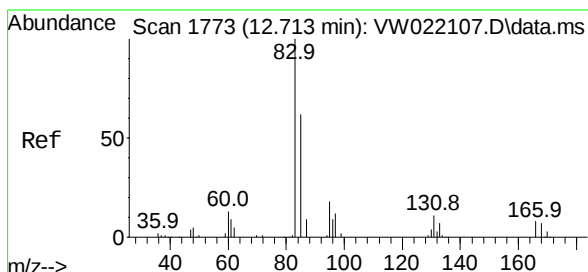
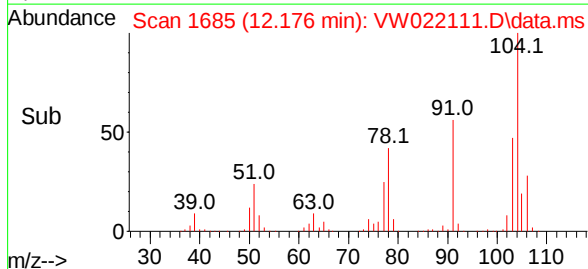
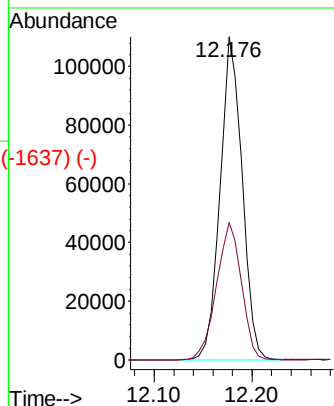
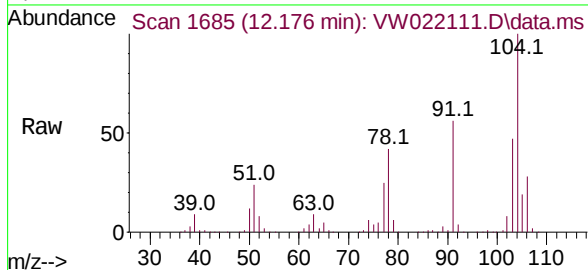




Styrene
Concen: 25.642 ug/L
RT: 12.176 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

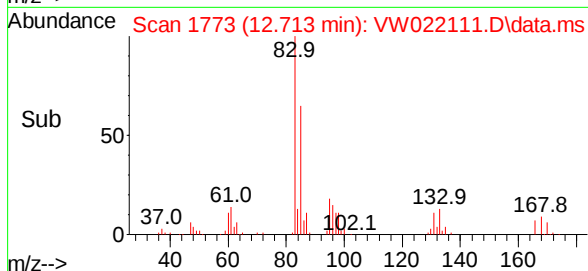
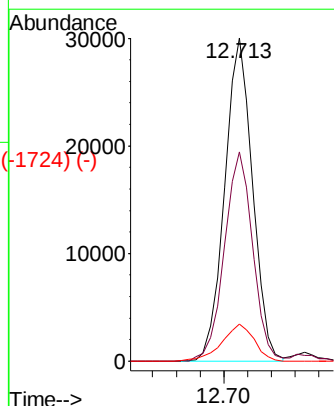
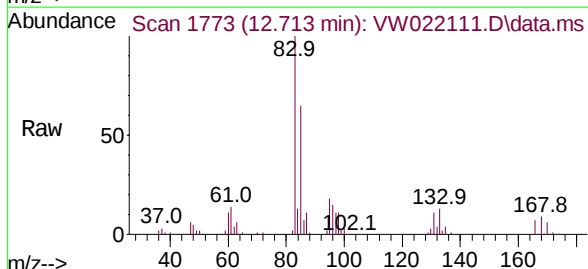
Instrument :
MSVOA_W
ClientSampleId :

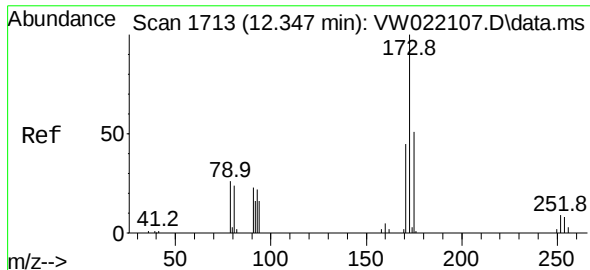
Tgt Ion:104 Resp: 172280
Ion Ratio Lower Upper
104 100
78 42.5 27.8 51.6



1,1,2,2-Tetrachloroethane
Concen: 24.581 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

Tgt Ion: 83 Resp: 48758
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.0
131 11.4 9.4 14.0

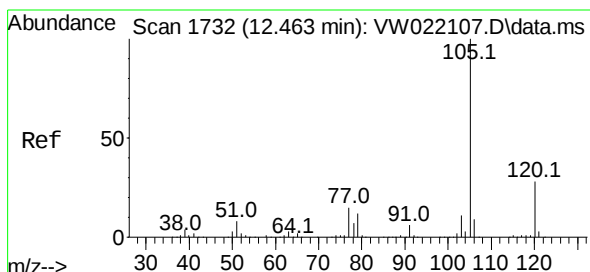
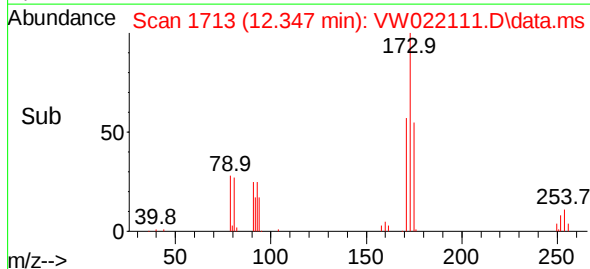
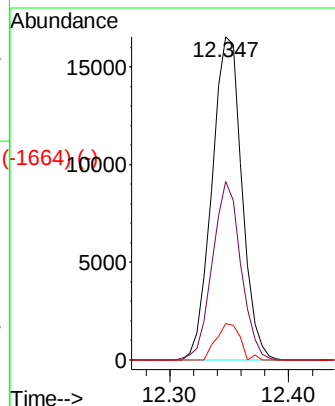
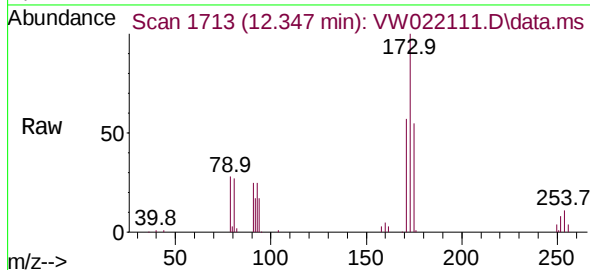




Bromoform
Concen: 24.380 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

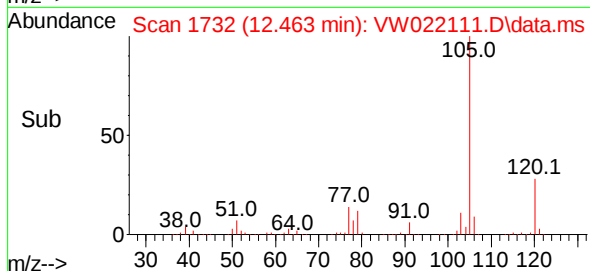
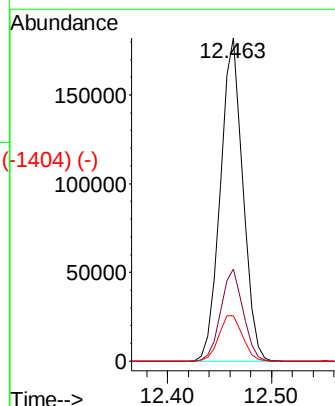
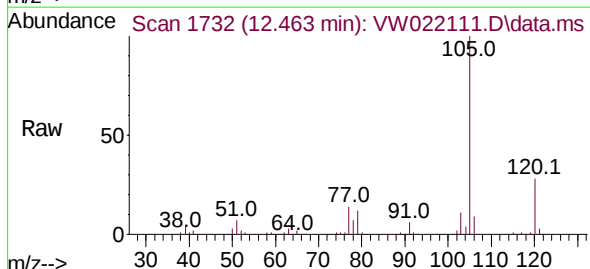
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	173	Resp:	28941
Ion	Ratio	Lower	Upper
173	100		
175	52.3	38.2	57.4
254	8.6	5.0	7.6#



Isopropylbenzene
Concen: 25.658 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

Tgt Ion:	105	Resp:	276479
Ion	Ratio	Lower	Upper
105	100		
120	28.3	22.1	33.1
77	14.9	12.0	18.0



Abundance Scan 1782 (12.768 min): VW022107.D\data.ms (-1705) (-)

1,2,3-Trichloropropane

Concen: 24.563 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

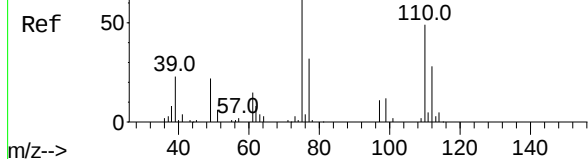
Lab File: VW022111.D

Acq: 23 Feb 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :



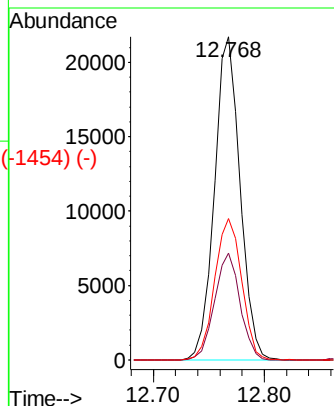
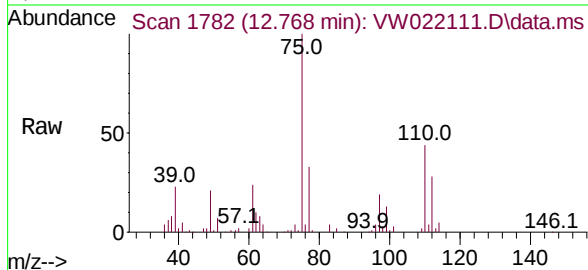
Tgt Ion: 75 Resp: 34800

Ion Ratio Lower Upper

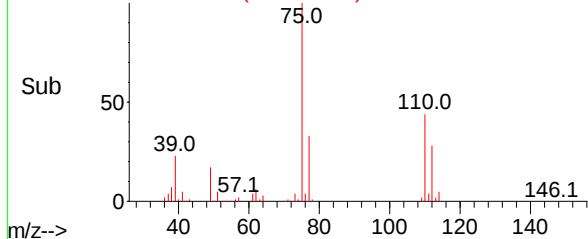
75 100

77 33.0 27.1 40.7

110 46.1 36.7 55.1



Abundance Scan 1782 (12.768 min): VW022111.D\data.ms (-1454) (-)



Abundance Scan 1810 (12.938 min): VW022107.D\data.ms (-1802) (-)

1,3,5-Trimethylbenzene

Concen: 27.056 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022111.D

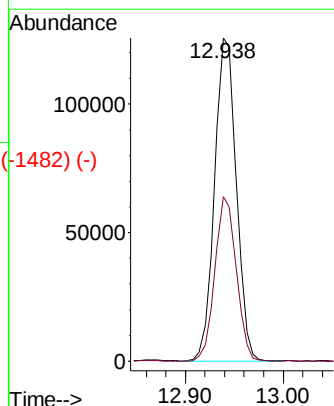
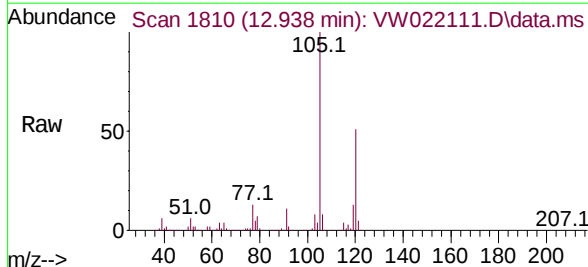
Acq: 23 Feb 2022 16:00

Tgt Ion:105 Resp: 193866

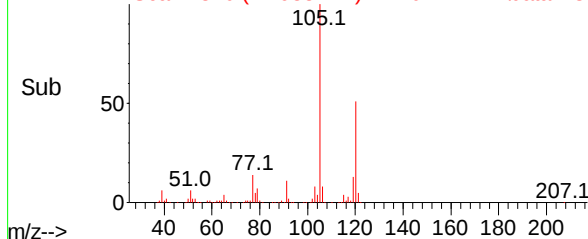
Ion Ratio Lower Upper

105 100

120 50.1 41.5 62.3



Abundance Scan 1810 (12.938 min): VW022111.D\data.ms (-1482) (-)



Abundance Scan 1861 (13.249 min): VW022107.D\data.ms (-1533) (-)

1,2,4-Trimethylbenzene

Concen: 26.788 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

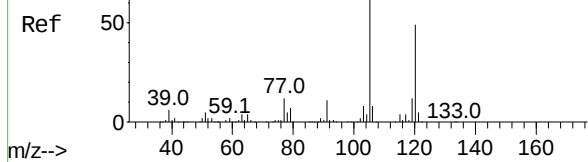
Lab File: VW022111.D

Acq: 23 Feb 2022 16:00

Instrument :

MSVOA_W

ClientSampleId :

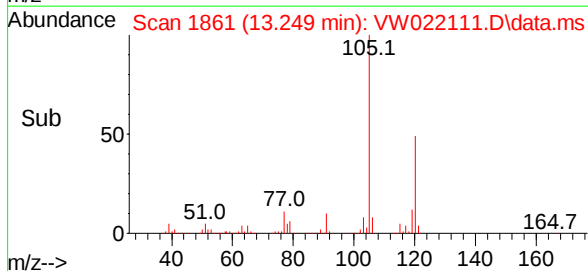
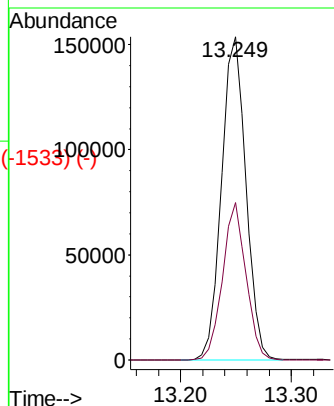
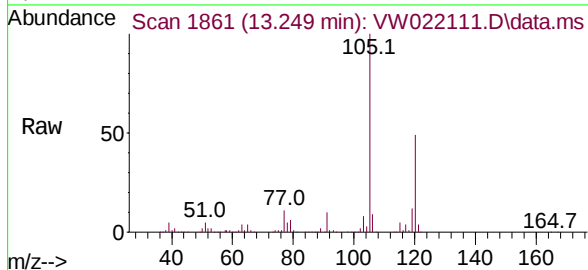


Tgt Ion:105 Resp: 234584

Ion Ratio Lower Upper

105 100

120 46.6 39.2 58.8



Abundance Scan 1902 (13.499 min): VW022107.D\data.ms (-1534) (-)

1,3-Dichlorobenzene

Concen: 24.176 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.006 min

Lab File: VW022111.D

Acq: 23 Feb 2022 16:00

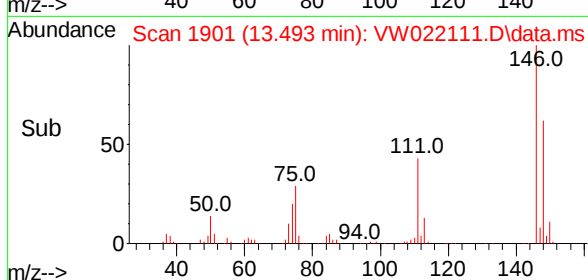
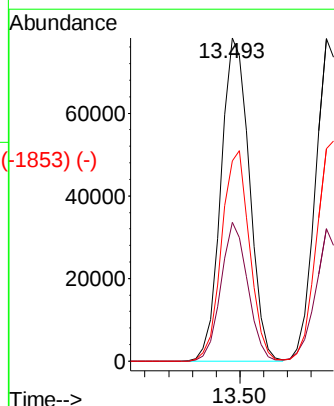
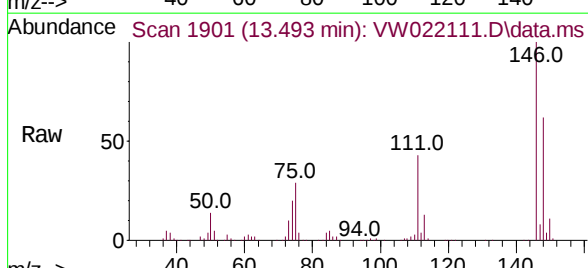
Tgt Ion:146 Resp: 129235

Ion Ratio Lower Upper

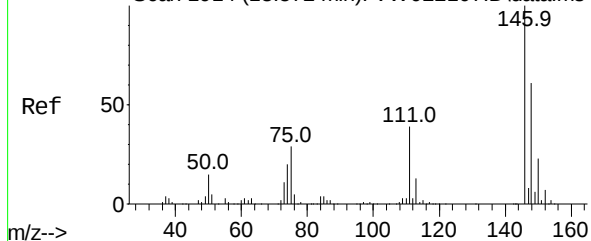
146 100

111 43.0 26.9 49.9

148 62.1 41.6 77.2



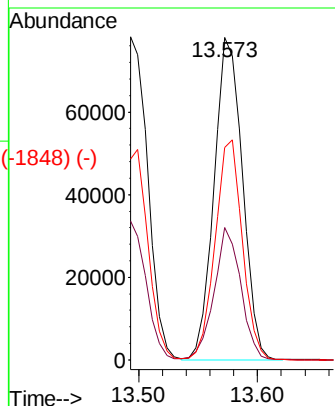
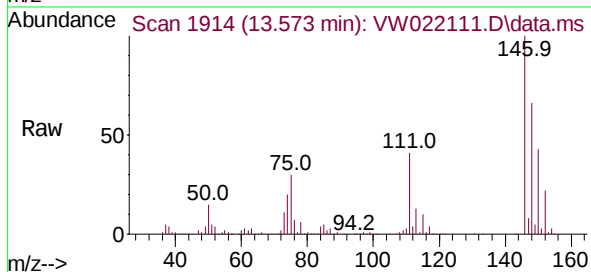
Abundance Scan 1914 (13.572 min): VW022107.D\data.ms (-1905) (-)



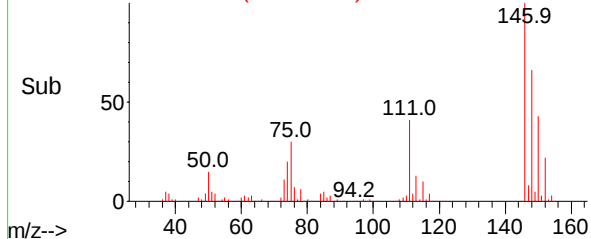
1,4-Dichlorobenzene
Concen: 24.149 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

Instrument :
MSVOA_W
ClientSampleId :

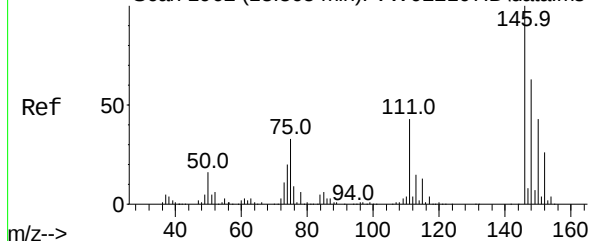
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	27.5	51.1
148	65.9	42.9	79.7



Abundance Scan 1914 (13.573 min): VW022111.D\data.ms (-1848) (-)

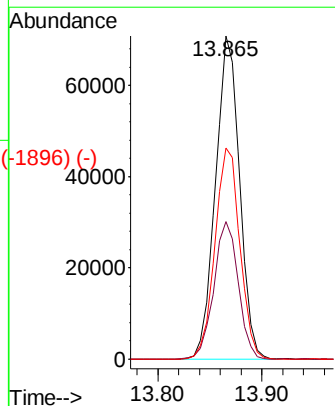
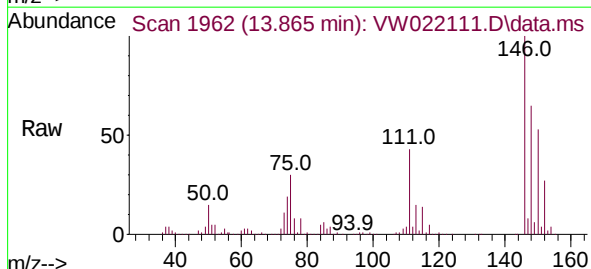


Abundance Scan 1962 (13.865 min): VW022107.D\data.ms (-1957) (-)

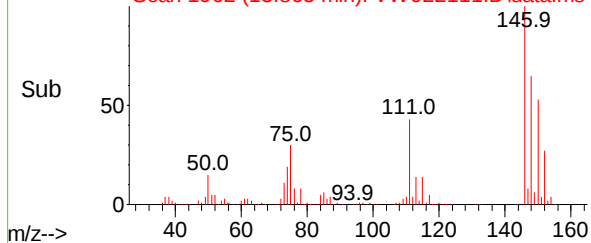


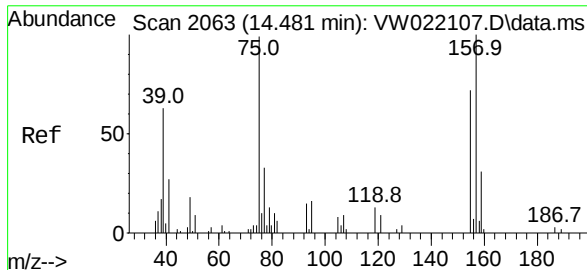
1,2-Dichlorobenzene
Concen: 24.141 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	34.8	52.2
148	65.4	50.4	75.6



Abundance Scan 1962 (13.865 min): VW022111.D\data.ms (-1896) (-)

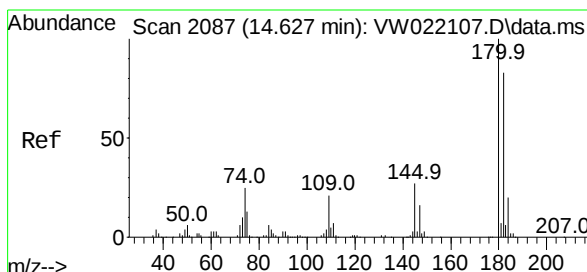
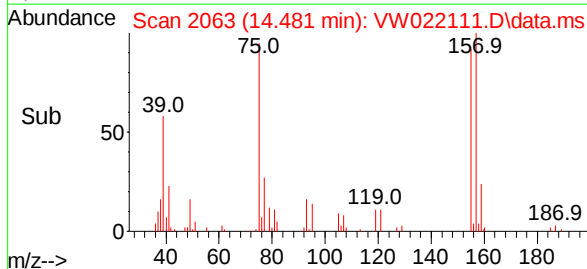
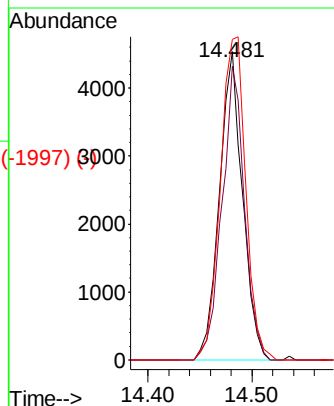
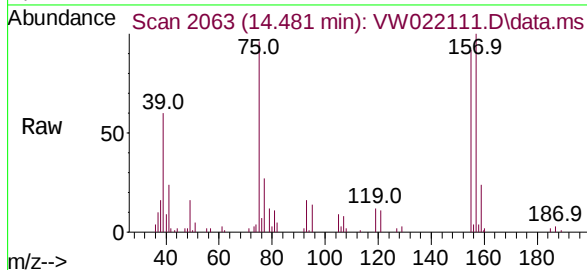




1,2-Dibromo-3-chloropropane
 Concen: 23.562 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

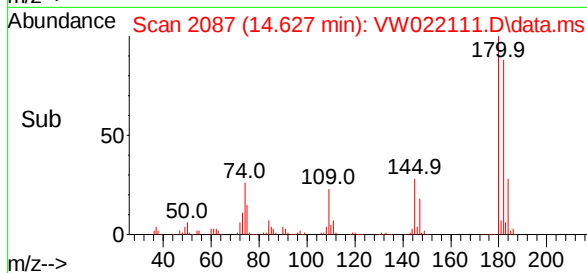
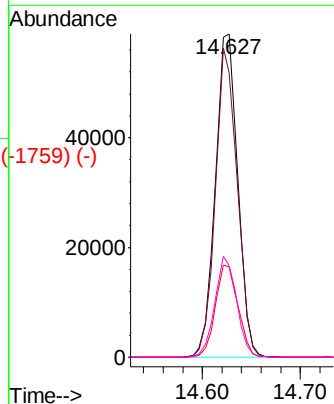
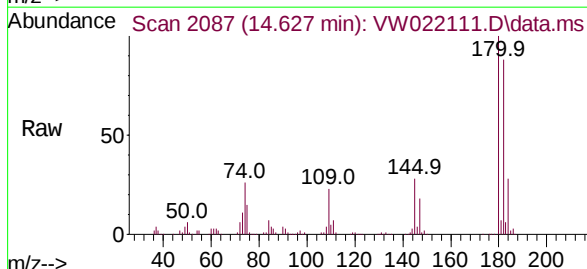
Instrument :
 MSVOA_W
 ClientSampleId :

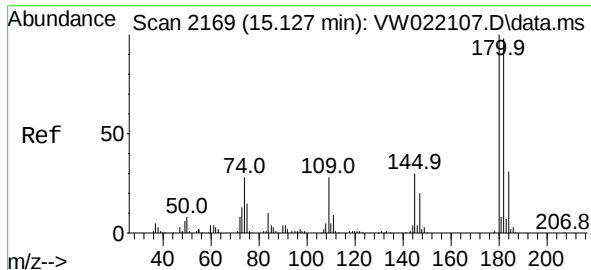
Tgt Ion: 75 Resp: 7057
 Ion Ratio Lower Upper
 75 100
 155 95.0 58.2 87.2#
 157 103.7 80.5 120.7



1,3,5-Trichlorobenzene
 Concen: 24.381 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Tgt Ion: 180 Resp: 93542
 Ion Ratio Lower Upper
 180 100
 182 93.0 69.4 104.0
 184 28.7 21.8 32.8
 145 30.1 24.1 36.1

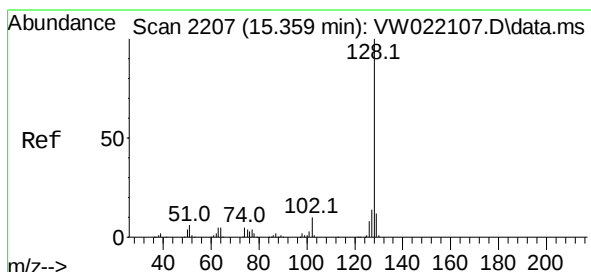
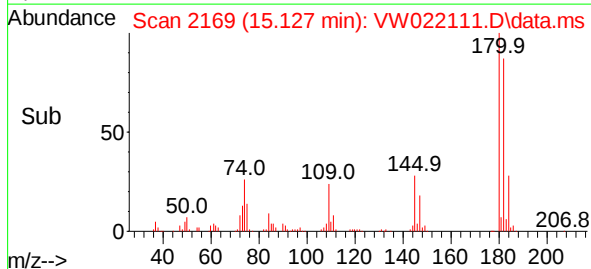
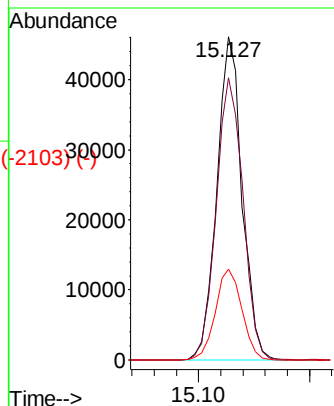
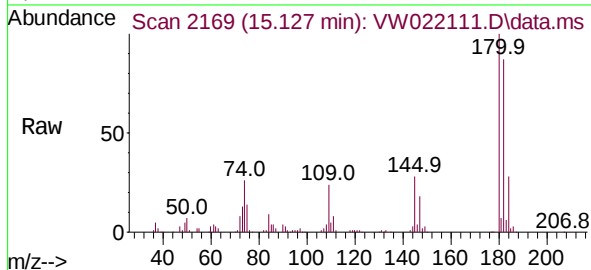




1,2,4-trichlorobenzene
Concen: 25.148 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

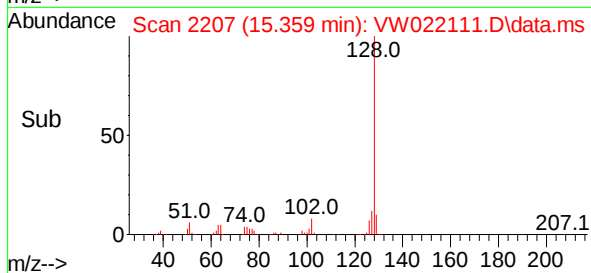
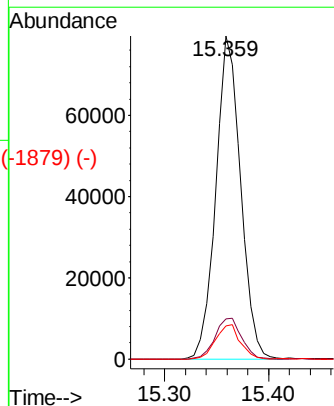
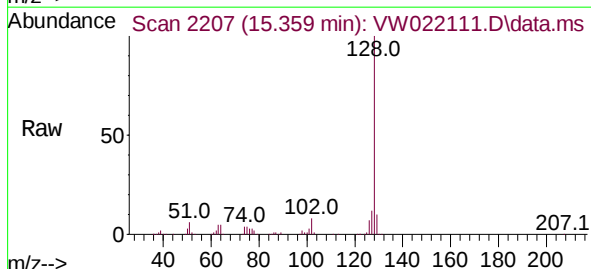
Instrument :
MSVOA_W
ClientSampleId :

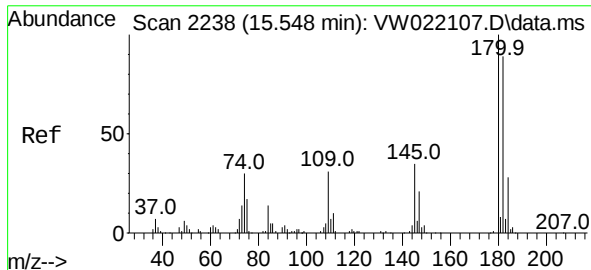
Tgt Ion:	180	Resp:	73006
Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.8	116.6
145	29.5	25.8	38.6



Naphthalene
Concen: 25.857 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW022111.D
Acq: 23 Feb 2022 16:00

Tgt Ion:	128	Resp:	132512
Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.6
129	10.7	8.9	13.3





1,2,3-Trichlorobenzene
 Concen: 24.558 ug/L
 RT: 15.548 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: VW022111.D
 Acq: 23 Feb 2022 16:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	180	Resp:	61664
Ion	Ratio	Lower	Upper
180	100		
182	93.5	79.0	118.4
145	31.9	28.0	42.0

