

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022110.D
 Acq On : 23 Feb 2022 15:36
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 24 03:26:07 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	176422	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	165747	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	51318	22.302	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery =	89.200%		
7) Chloroethane-d5	2.885	69	40098	22.147	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery =	88.600%		
11) 1,1-Dichloroethene-d2	4.019	63	82908	23.528	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery =	94.120%		
21) 2-Butanone-d5	7.074	46	19919	51.484	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery =	102.960%		
24) Chloroform-d	7.647	84	95841	24.348	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery =	97.400%		
26) 1,2-Dichloroethane-d4	8.305	65	48730	23.816	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery =	95.280%		
32) Benzene-d6	8.275	84	186211	24.140	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery =	96.560%		
36) 1,2-Dichloropropane-d6	9.274	67	50890	23.756	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery =	95.040%		
41) Toluene-d8	10.323	98	184513	24.060	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery =	96.240%		
43) trans-1,3-Dichloroprop...	10.579	79	22991	24.205	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery =	96.840%		
47) 2-Hexanone-d5	10.920	63	17823	50.585	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery =	101.180%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44921	23.894	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery =	95.560%		
66) 1,2-Dichlorobenzene-d4	13.853	152	68026	23.872	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery =	95.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11314	22.947	ug/L	# 88
3) Chloromethane	2.221	50	33989	20.117	ug/L	99
5) Vinyl chloride	2.361	62	51566	20.313	ug/L	98
6) Bromomethane	2.782	94	34796	19.626	ug/L	96
8) Chloroethane	2.922	64	29410	20.623	ug/L	97
9) Trichlorofluoromethane	3.257	101	38142	22.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	44896	21.351	ug/L	94
12) 1,1-Dichloroethene	4.044	96	40332	22.131	ug/L	97
13) Acetone	4.117	43	13599	43.035	ug/L	98
14) Carbon disulfide	4.385	76	101396	21.460	ug/L	97
15) Methyl Acetate	4.672	43	16337	22.965	ug/L	98
16) Methylene chloride	4.915	84	45096	20.825	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	44801	22.382	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	66535	24.432	ug/L	99
19) 1,1-Dichloroethane	6.220	63	75188	23.202	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	50568	23.321	ug/L	99
22) 2-Butanone	7.165	43	21474	47.307	ug/L	95
23) Bromochloromethane	7.519	128	23941	22.602	ug/L	92

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 Response via : Initial Calibration

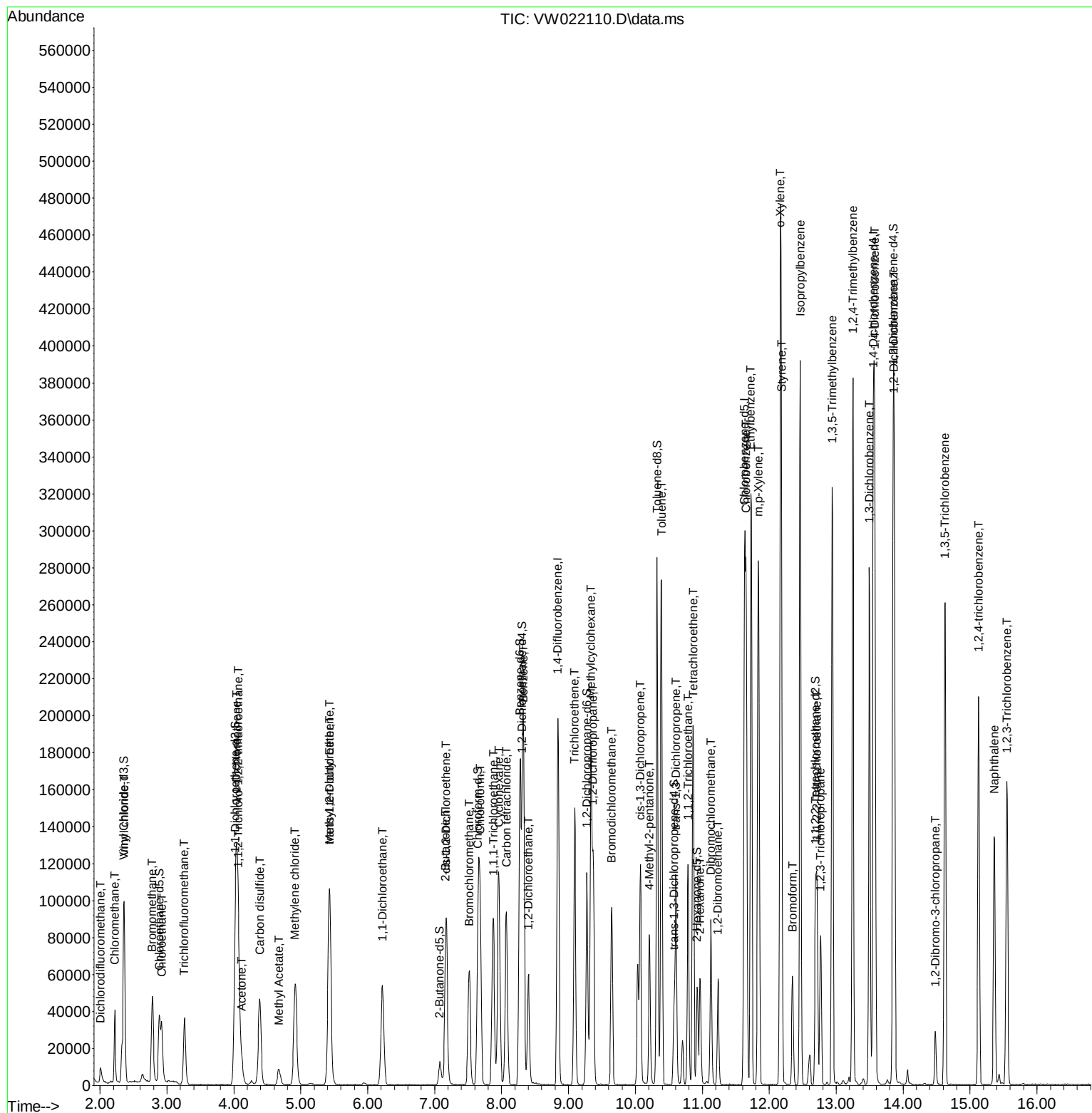
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.677	83	87907	23.249	ug/L	100
27) 1,2-Dichloroethane	8.403	62	53742	23.076	ug/L	99
29) Cyclohexane	7.958	56	61538	22.310	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	75810	22.734	ug/L	100
31) Carbon tetrachloride	8.073	117	71643	22.606	ug/L	100
33) Benzene	8.329	78	181741	22.679	ug/L	100
34) Trichloroethene	9.092	95	51312	22.364	ug/L	96
35) Methylcyclohexane	9.335	83	79249	22.330	ug/L	100
37) 1,2-Dichloropropane	9.366	63	41345	22.116	ug/L	98
38) Bromodichloromethane	9.646	83	61198	22.827	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	68698	24.175	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	48962	48.497	ug/L	99
42) Toluene	10.390	91	208915	23.034	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	61405	24.046	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	36841	22.223	ug/L	95
46) Tetrachloroethene	10.866	164	44995	22.386	ug/L	96
48) 2-Hexanone	10.963	43	35137	50.145	ug/L	98
49) Dibromochloromethane	11.128	129	47084	23.382	ug/L	96
50) 1,2-Dibromoethane	11.231	107	36716	22.962	ug/L	99
51) Chlorobenzene	11.652	112	144489	22.891	ug/L	98
52) Ethylbenzene	11.725	91	233514	23.264	ug/L	98
53) m,p-Xylene	11.835	106	96034	23.251	ug/L	98
54) o-Xylene	12.164	106	91236	23.477	ug/L	92
55) Styrene	12.182	104	154063	23.647	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	44126	22.941	ug/L	95
59) Bromoform	12.347	173	26935	22.958	ug/L	100
60) Isopropylbenzene	12.463	105	249888	23.463	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	32237	23.022	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	172905	24.415	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	207566	23.982	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	119396	22.599	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	120885	22.833	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	107488	22.883	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6828	23.066	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	87388	23.045	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	65144	22.705	ug/L	96
71) Naphthalene	15.365	128	118144	23.325	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	55936	22.539	ug/L	98

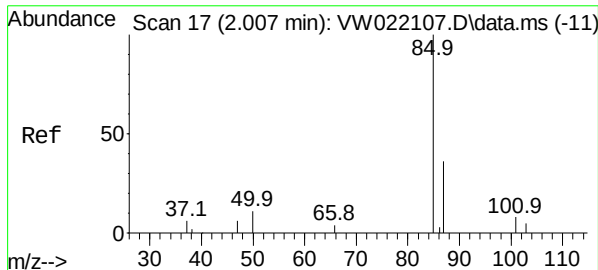
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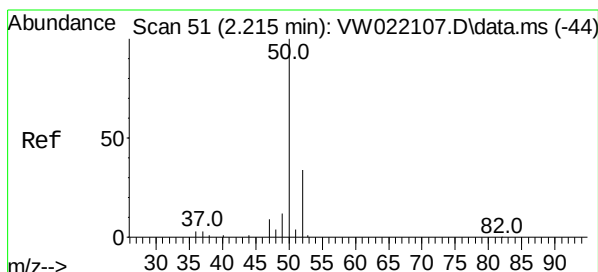
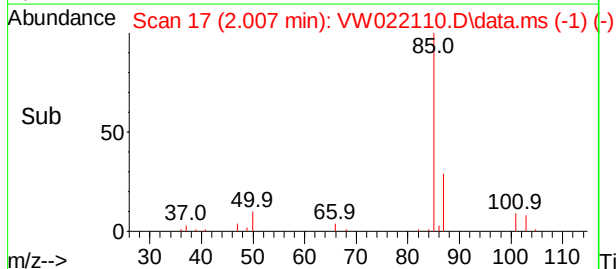
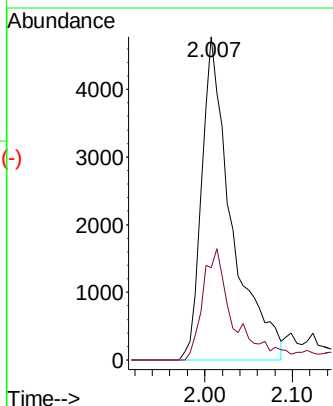
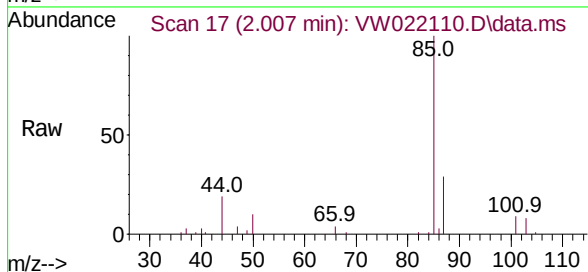




Dichlorodifluoromethane
 Concen: 22.947 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

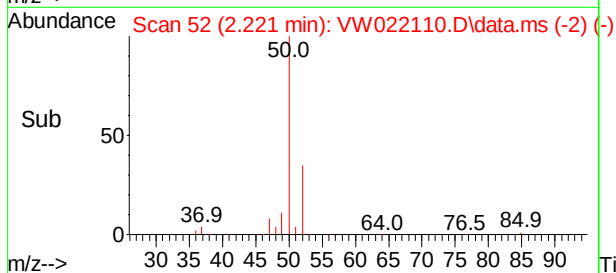
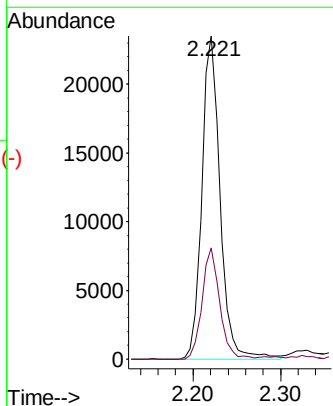
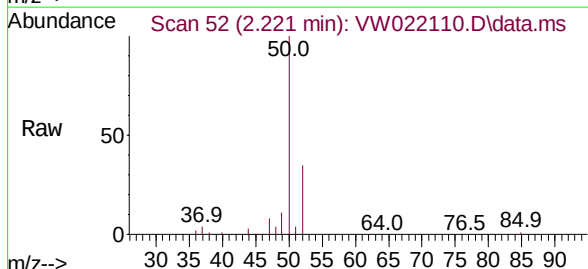
Instrument : MSVOA_W
 ClientSampleId :

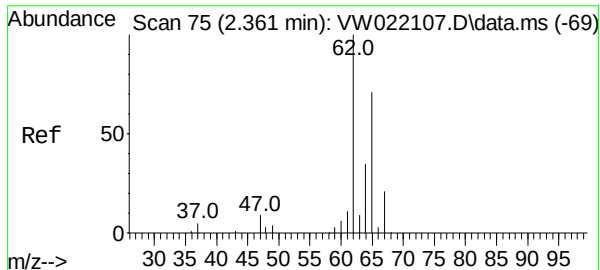
Tgt Ion: 85 Resp: 11314
 Ion Ratio Lower Upper
 85 100
 87 27.5 27.6 41.4#



Chloromethane
 Concen: 20.117 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

Tgt Ion: 50 Resp: 33989
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.9 44.5





Vinyl chloride

Concen: 20.313 ug/L

RT: 2.361 min Scan#

Delta R.T. -0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Instrument :

MSVOA_W

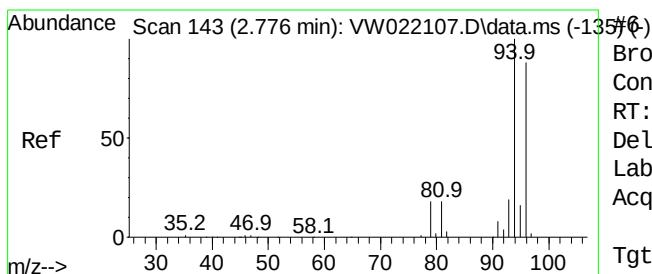
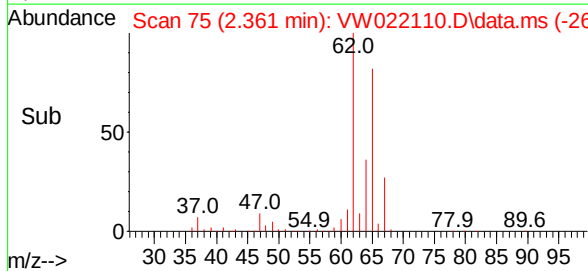
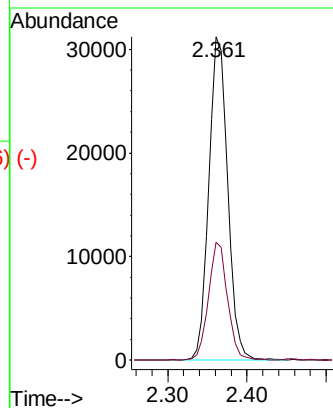
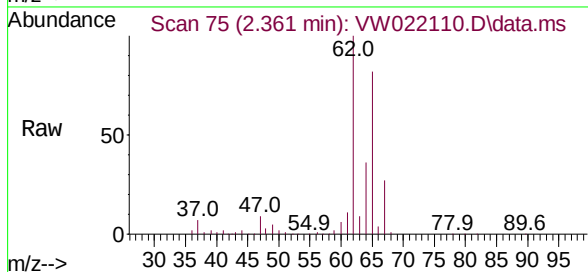
ClientSampleId :

Tgt Ion: 62 Resp: 51566

Ion Ratio Lower Upper

62 100

64 36.4 24.7 45.9



Bromomethane

Concen: 19.626 ug/L

RT: 2.782 min Scan# 144

Delta R.T. 0.006 min

Lab File: VW022110.D

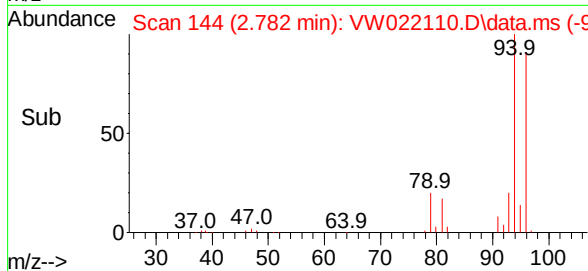
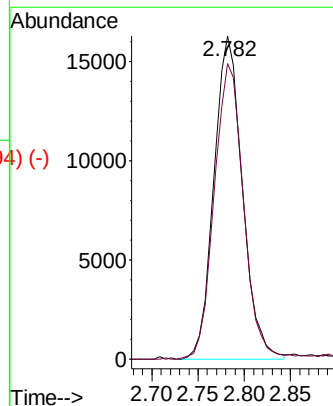
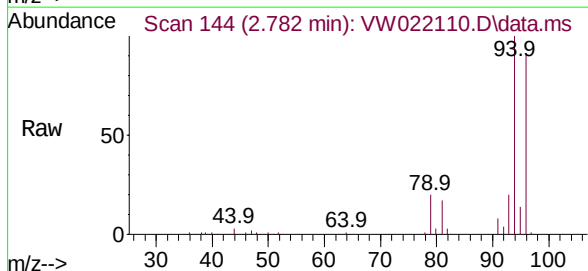
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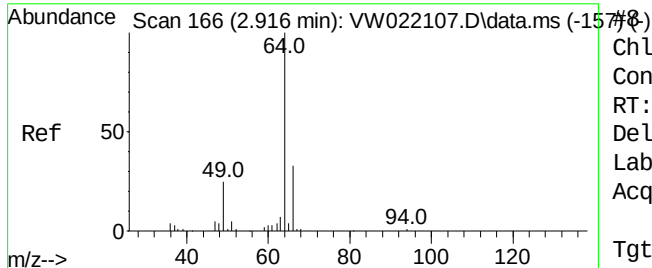
Tgt Ion: 94 Resp: 34796

Ion Ratio Lower Upper

94 100

96 91.5 61.2 113.8





Chloroethane

Concen: 20.623 ug/L

RT: 2.922 min Scan#

Delta R.T. 0.006 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Instrument :

MSVOA_W

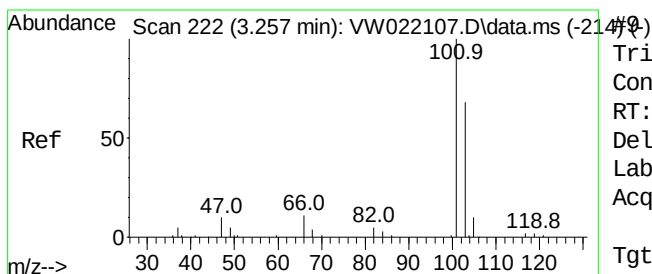
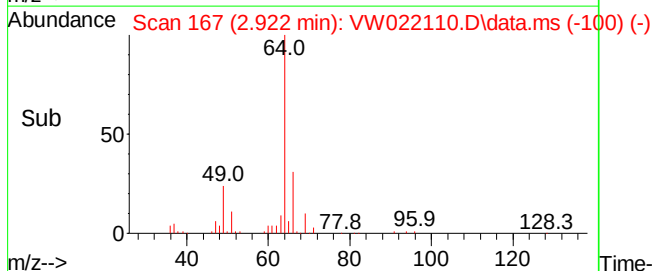
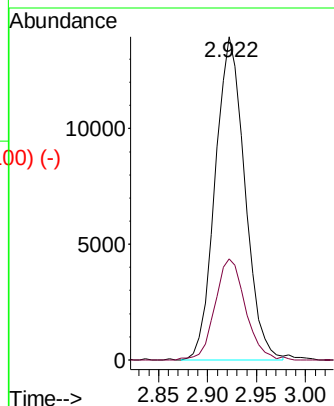
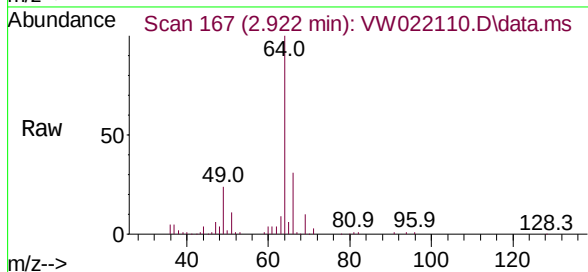
ClientSampleId :

Tgt Ion: 64 Resp: 29410

Ion Ratio Lower Upper

64 100

66 31.2 23.2 43.0



Trichlorofluoromethane

Concen: 22.130 ug/L

RT: 3.257 min Scan# 222

Delta R.T. -0.000 min

Lab File: VW022110.D

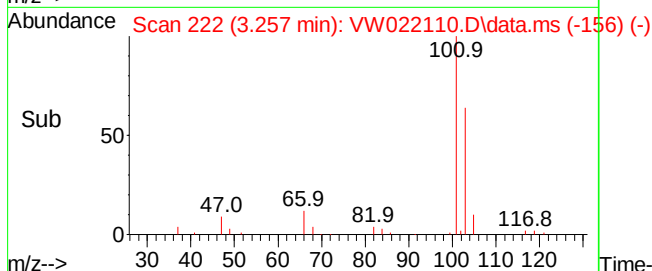
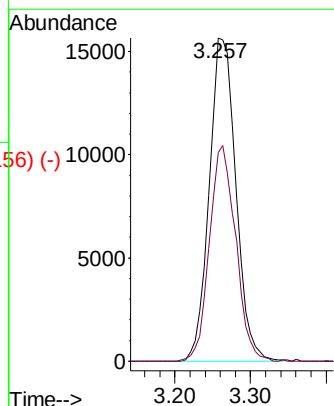
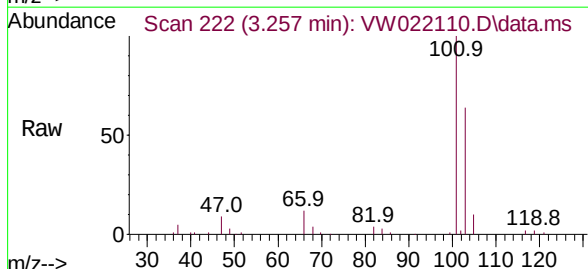
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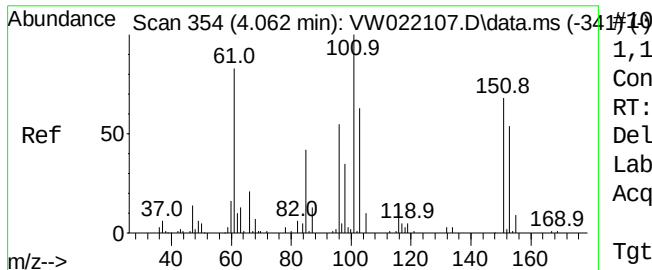
Tgt Ion:101 Resp: 38142

Ion Ratio Lower Upper

101 100

103 65.6 53.2 79.8

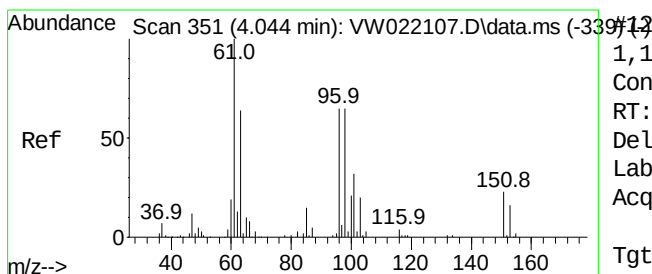
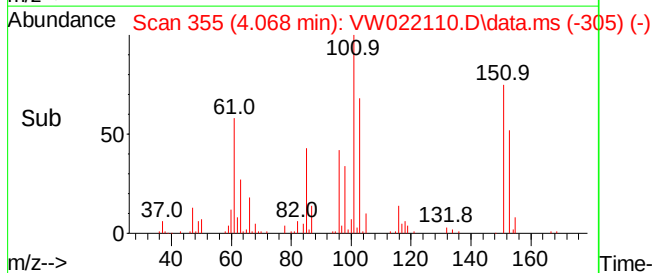
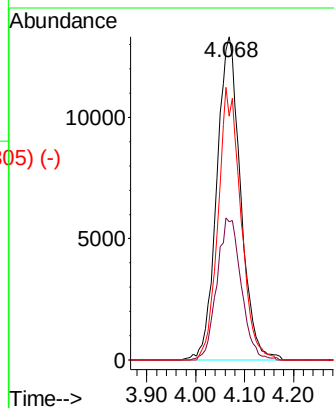
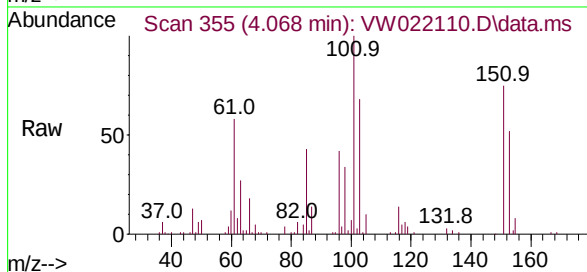




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.351 ug/L
 RT: 4.068 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

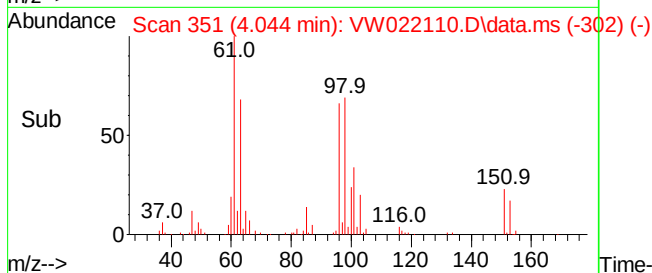
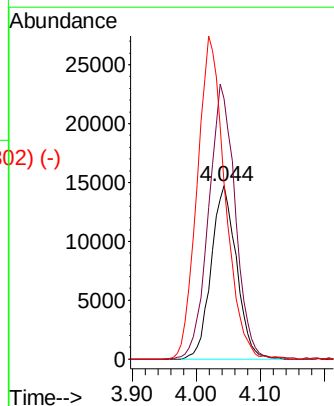
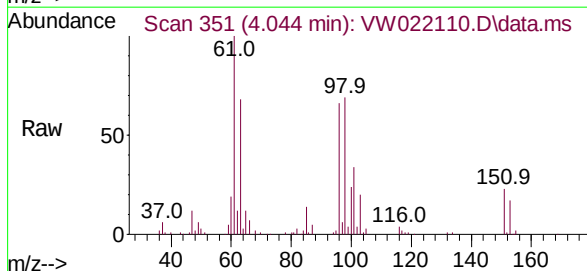
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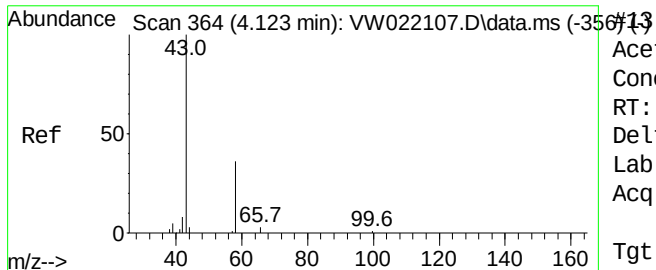
Tgt Ion: 101 Resp: 44896
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.4 51.6
 151 80.4 59.0 88.4



1,1-Dichloroethene
 Concen: 22.131 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

Tgt Ion: 96 Resp: 40332
 Ion Ratio Lower Upper
 96 100
 61 150.4 108.4 201.2
 63 101.6 72.0 133.6





Acetone

Concen: 43.035 ug/L

RT: 4.117 min Scan#

Delta R.T. -0.006 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Instrument :

MSVOA_W

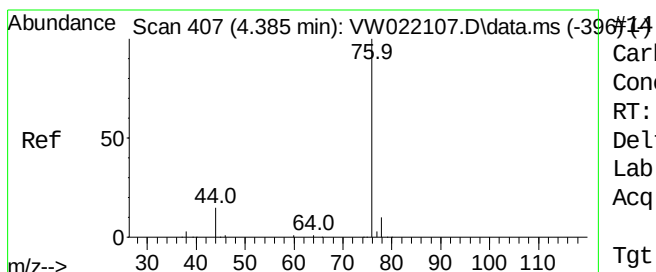
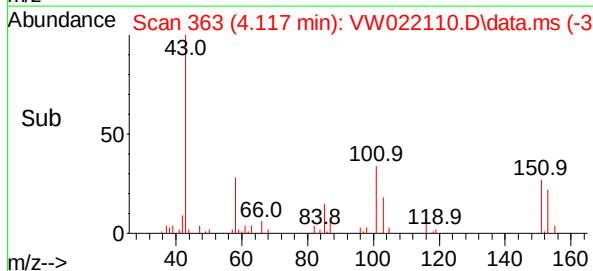
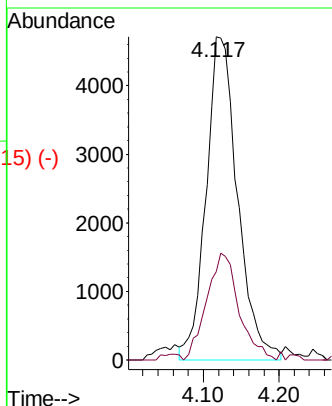
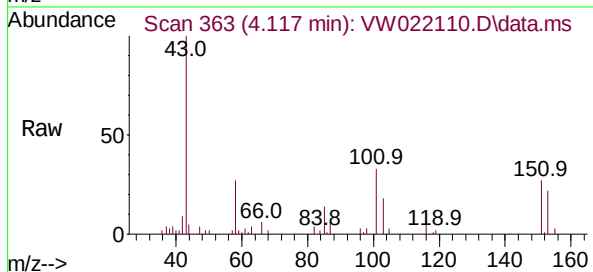
ClientSampleId :

Tgt Ion: 43 Resp: 13599

Ion Ratio Lower Upper

43 100

58 33.7 0.0 69.2



Carbon disulfide

Concen: 21.460 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW022110.D

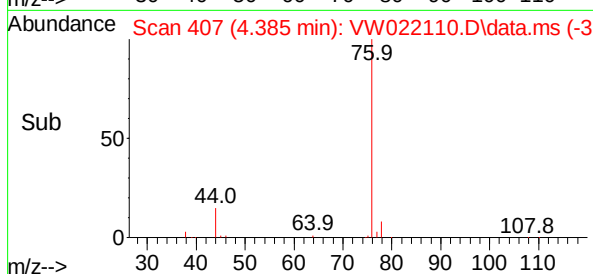
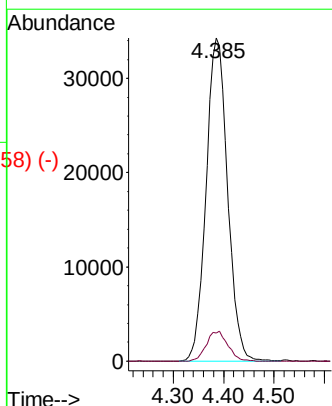
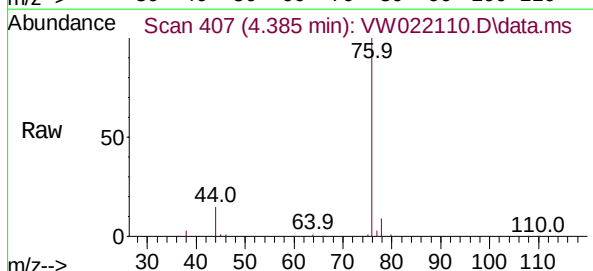
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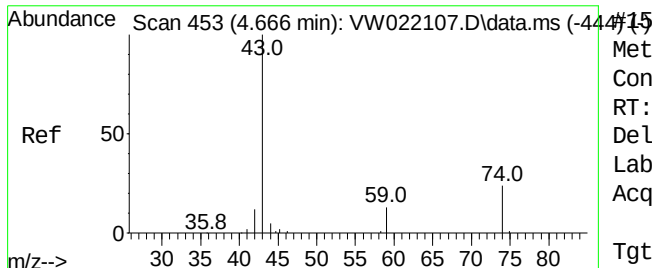
Tgt Ion: 76 Resp: 101396

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.8





Methyl Acetate

Concen: 22.965 ug/L

RT: 4.672 min Scan# 4

Delta R.T. 0.006 min

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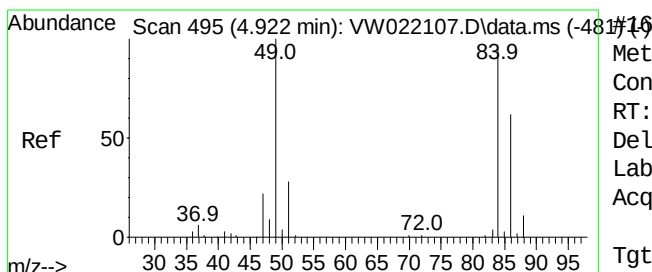
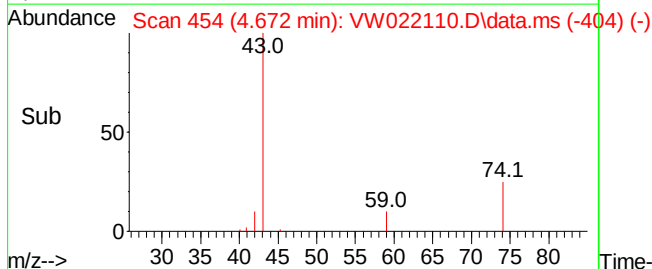
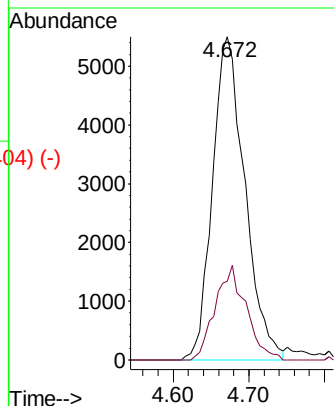
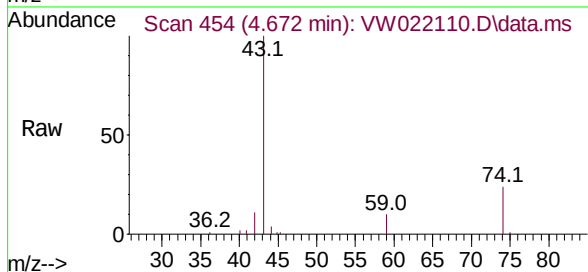
ClientSampleId :

Tgt Ion: 43 Resp: 16337

Ion Ratio Lower Upper

43 100

74 27.8 23.0 34.6



Methylene chloride

Concen: 20.825 ug/L

RT: 4.915 min Scan# 494

Delta R.T. -0.007 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

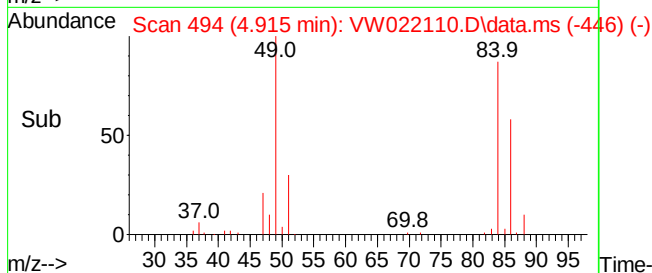
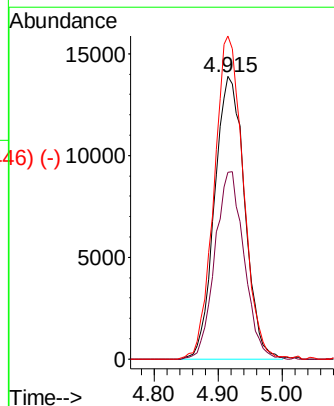
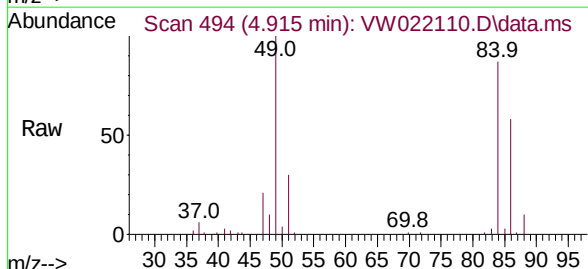
Tgt Ion: 84 Resp: 45096

Ion Ratio Lower Upper

84 100

86 66.1 45.8 85.0

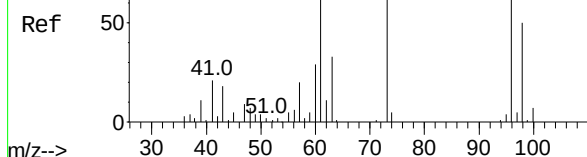
49 114.3 73.8 137.0



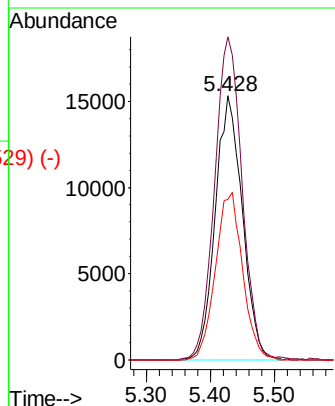
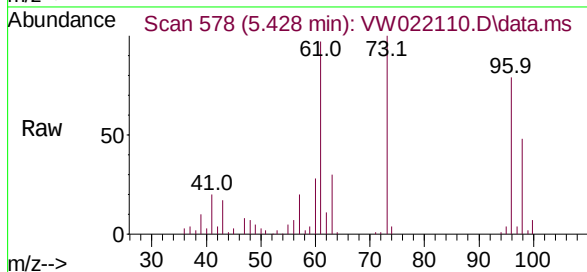
Abundance Scan 578 (5.428 min): VW022107.D\data.ms (-56717)

trans-1,2-Dichloroethene
Concen: 22.382 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

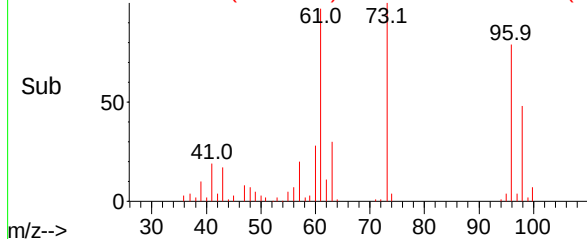
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	96	Resp:	44801
Ion	Ratio	Lower	Upper
96	100		
61	122.2	87.3	162.1
98	60.8	43.2	80.2



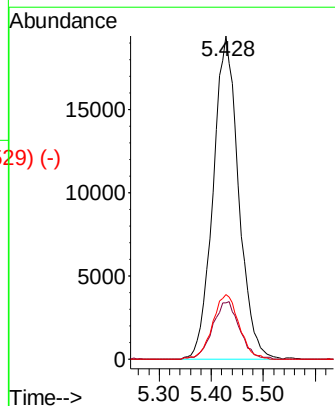
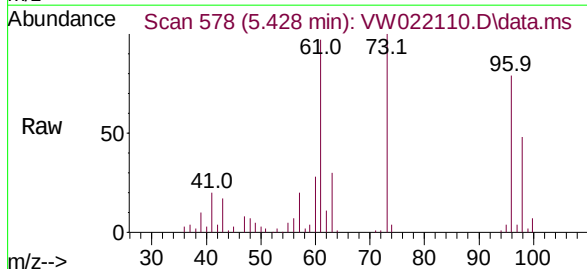
Abundance Scan 578 (5.428 min): VW022110.D\data.ms (-529) (-)



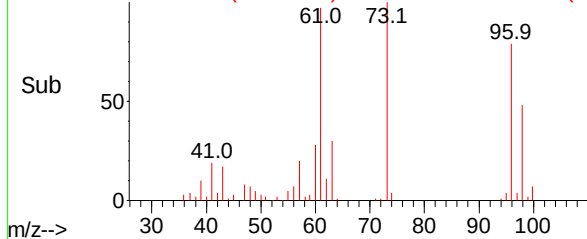
Abundance Scan 578 (5.428 min): VW022107.D\data.ms (-56718)

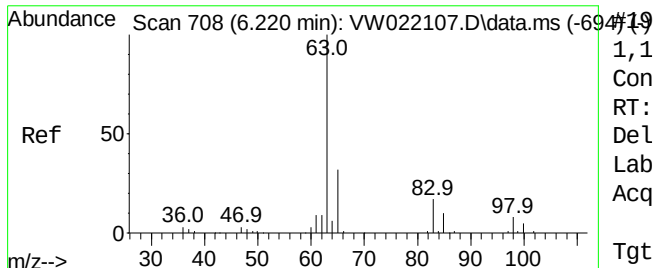
Methyl tert-butyl Ether
Concen: 24.432 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion:	73	Resp:	66535
Ion	Ratio	Lower	Upper
73	100		
43	18.6	15.4	23.2
57	20.5	16.5	24.7



Abundance Scan 578 (5.428 min): VW022110.D\data.ms (-529) (-)





1,1-Dichloroethane

Concen: 23.202 ug/L

RT: 6.220 min Scan#

Delta R.T. 0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

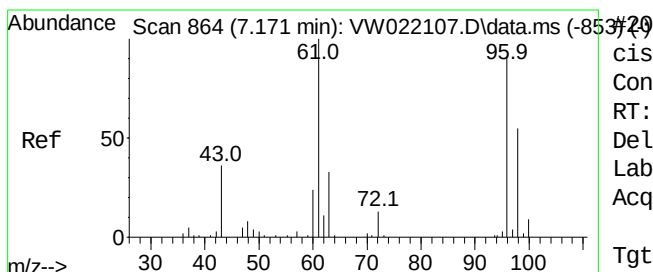
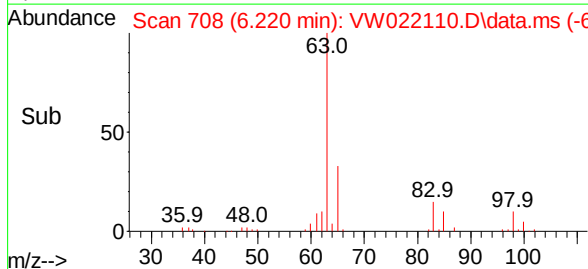
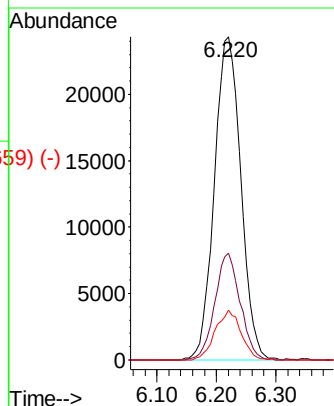
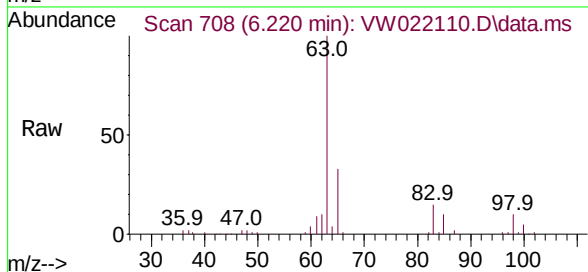
Tgt Ion: 63 Resp: 75188

Ion Ratio Lower Upper

63 100

65 33.0 22.5 41.9

83 15.4 11.5 21.5



cis-1,2-Dichloroethene

Concen: 23.321 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

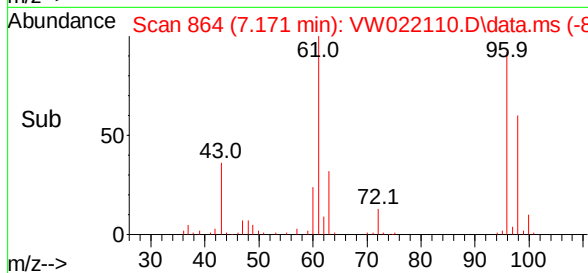
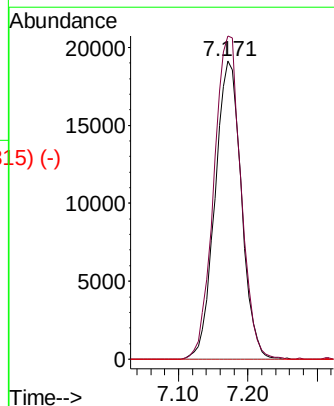
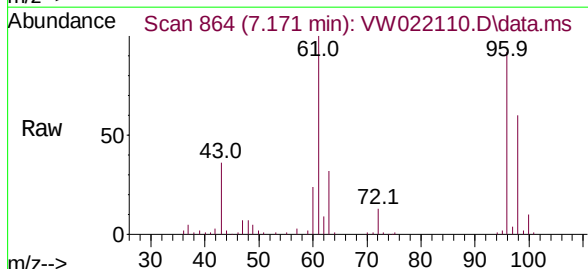
Tgt Ion: 96 Resp: 50568

Ion Ratio Lower Upper

96 100

61 108.3 76.8 142.6

68 0.0 0.0 0.0



Abundance Scan 865 (7.177 min): VW022107.D\data.ms (-853723)

2-Butanone

Concen: 47.307 ug/L

RT: 7.165 min Scan# 865

Delta R.T. -0.012 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

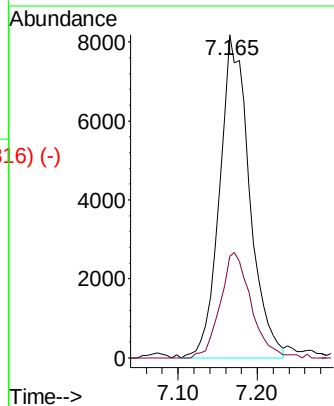
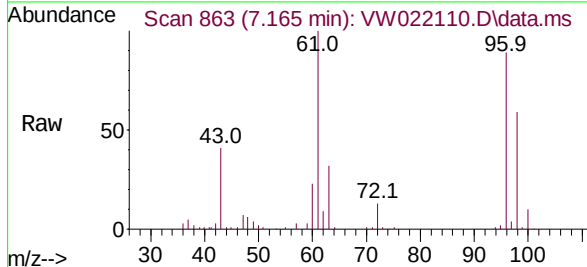
Tgt Ion: 43 Resp: 21474

Ion Ratio Lower Upper

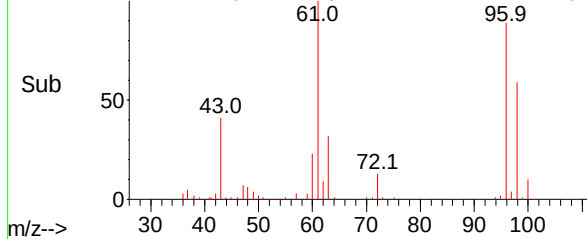
43 100

72 31.4 17.0 51.0

Abundance Scan 863 (7.165 min): VW022110.D\data.ms



Abundance Scan 863 (7.165 min): VW022110.D\data.ms (-816) (-)



Abundance Scan 921 (7.519 min): VW022107.D\data.ms (-911723)

Bromochloromethane

Concen: 22.602 ug/L

RT: 7.519 min Scan# 921

Delta R.T. 0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Tgt Ion:128 Resp: 23941

Ion Ratio Lower Upper

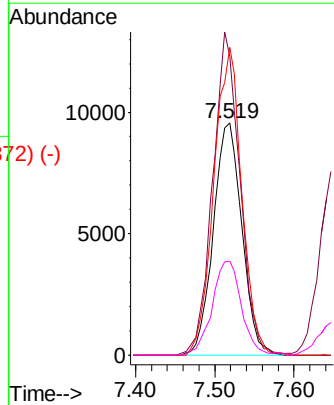
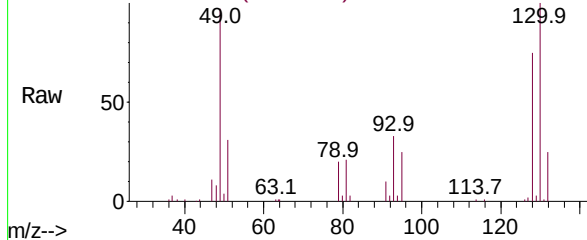
128 100

49 128.8 84.2 156.4

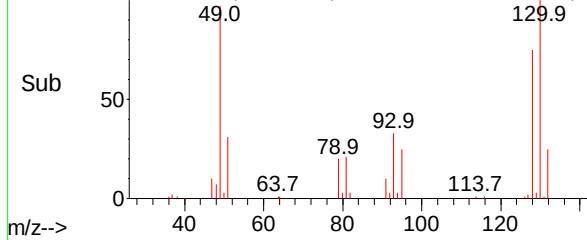
130 132.8 84.8 157.4

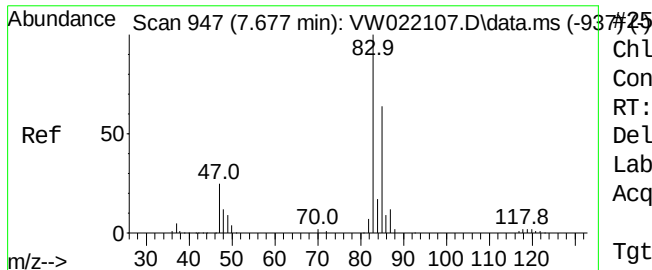
51 40.5 31.9 47.9

Abundance Scan 921 (7.519 min): VW022110.D\data.ms



Abundance Scan 921 (7.519 min): VW022110.D\data.ms (-872) (-)





#25

Chloroform

Concen: 23.249 ug/L

RT: 7.677 min Scan#

Delta R.T. -0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Instrument :

MSVOA_W

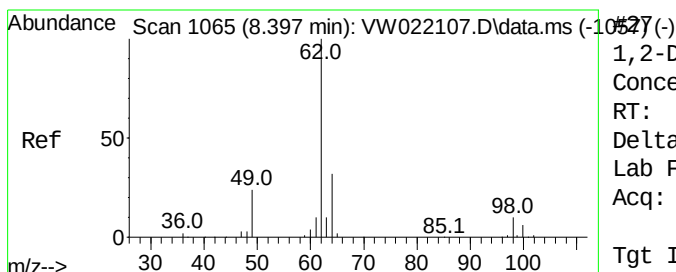
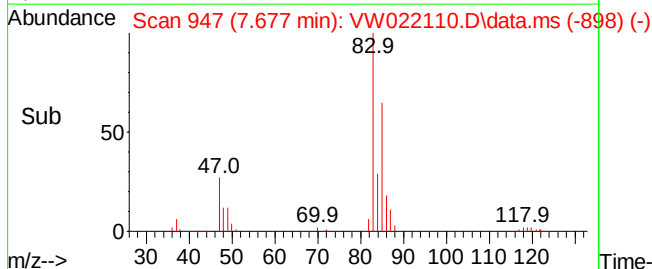
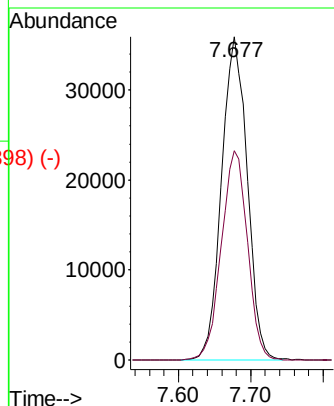
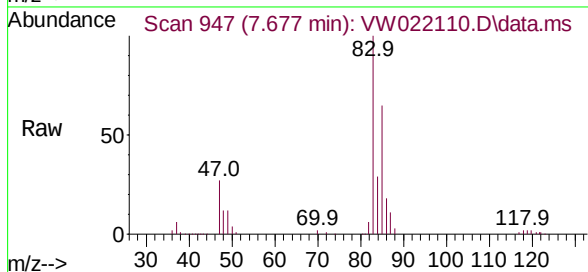
ClientSampleId :

Tgt Ion: 83 Resp: 87907

Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.9



#27 (-)

1,2-Dichloroethane

Concen: 23.076 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022110.D

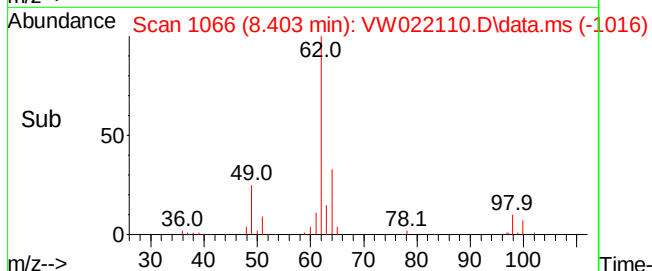
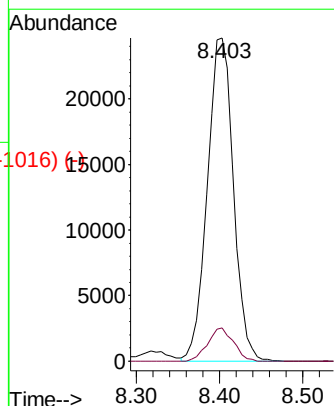
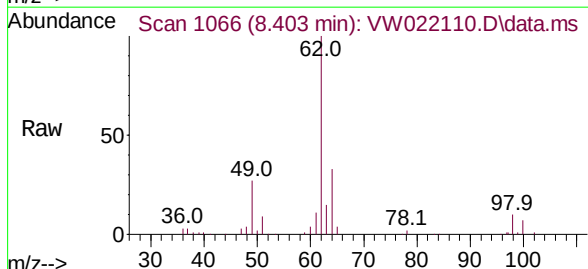
Acq: 23 Feb 2022 15:36

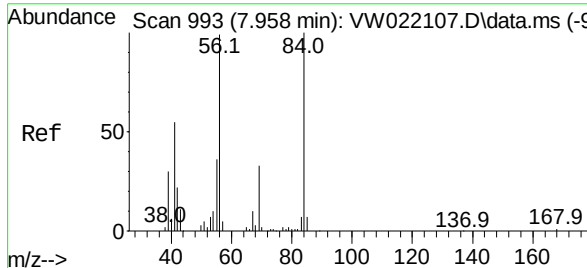
Tgt Ion: 62 Resp: 53742

Ion Ratio Lower Upper

62 100

98 10.4 7.9 11.9





Cyclohexane

Concen: 22.310 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

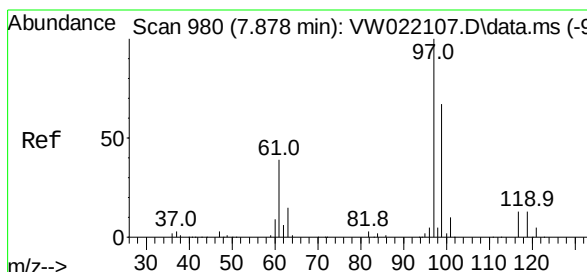
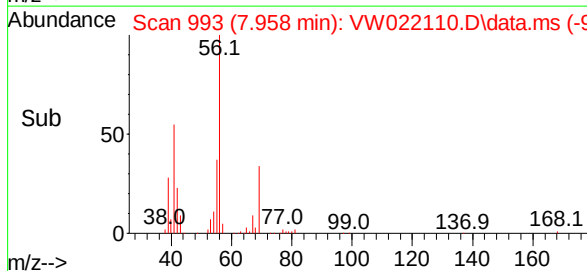
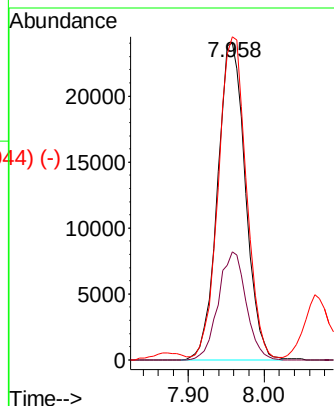
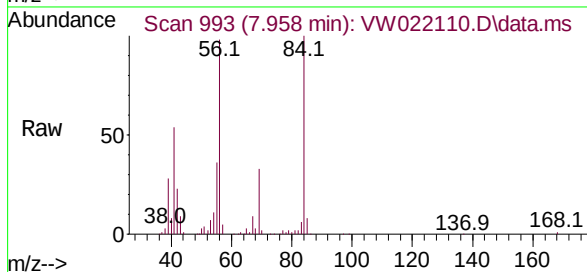
Tgt Ion: 56 Resp: 61538

Ion Ratio Lower Upper

56 100

69 34.0 26.3 39.5

84 102.4 81.4 122.2



1,1,1-Trichloroethane

Concen: 22.734 ug/L

RT: 7.878 min Scan# 980

Delta R.T. -0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

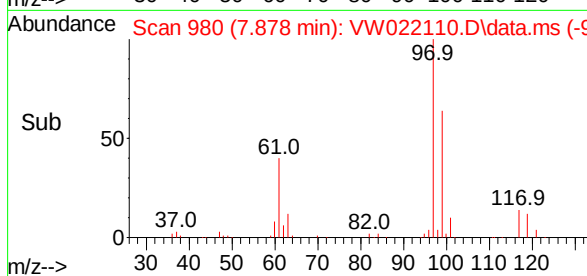
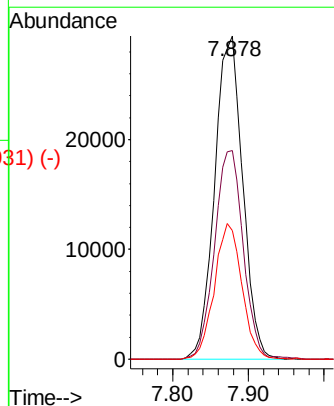
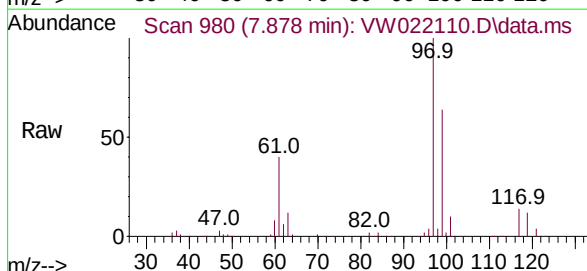
Tgt Ion: 97 Resp: 75810

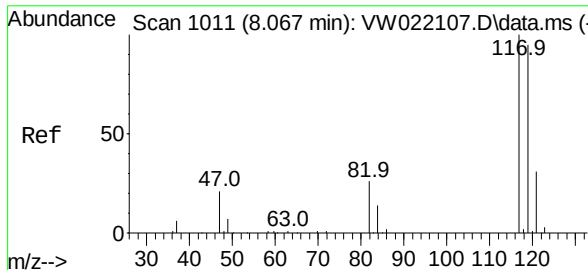
Ion Ratio Lower Upper

97 100

99 65.6 52.6 78.8

61 41.2 33.0 49.6

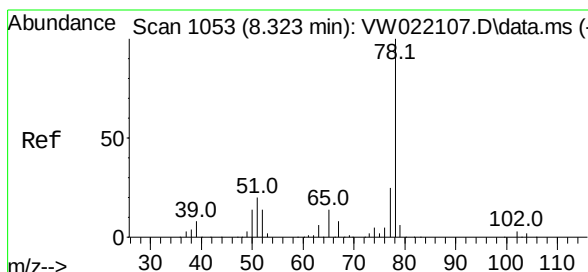
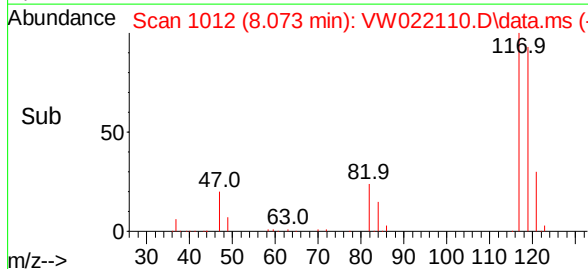
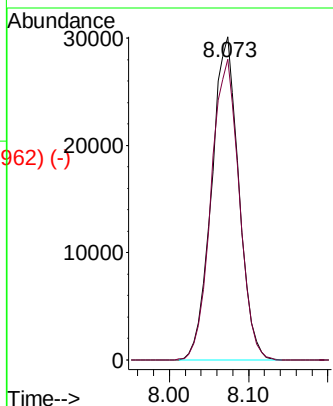
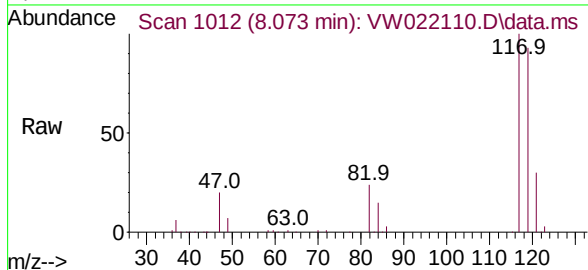




Carbon tetrachloride
Concen: 22.606 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

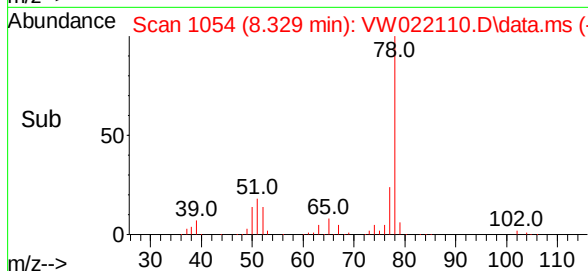
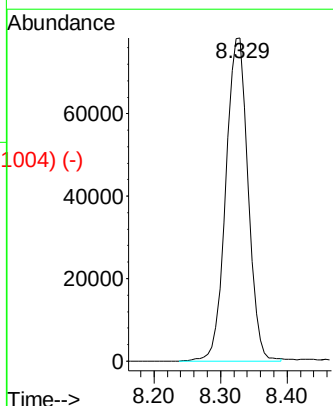
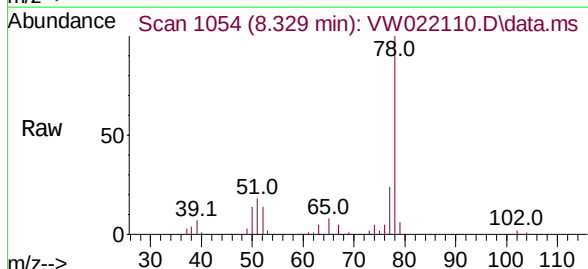
Instrument :
MSVOA_W
ClientSampleId :

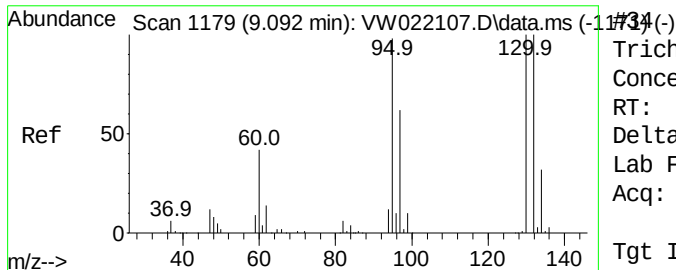
Tgt Ion:117 Resp: 71643
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



Benzene
Concen: 22.679 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion: 78 Resp: 181741





#134 (-)

Trichloroethene

Concen: 22.364 ug/L

RT: 9.092 min Scan#

Delta R.T. -0.000 min

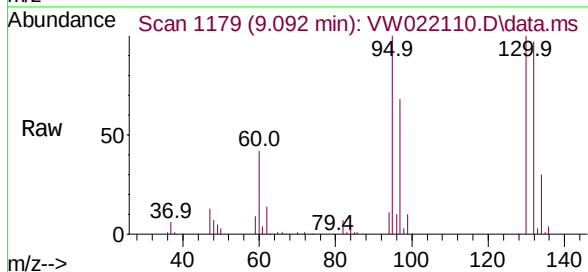
Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 51312

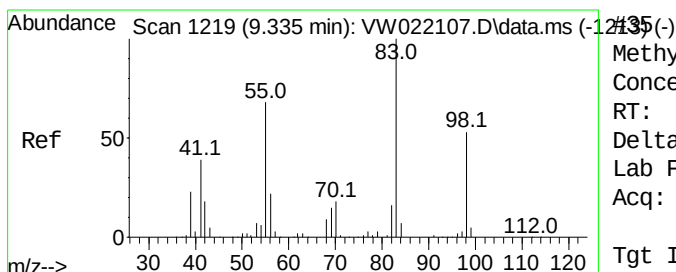
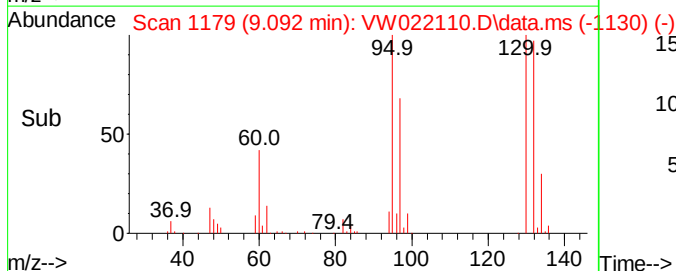
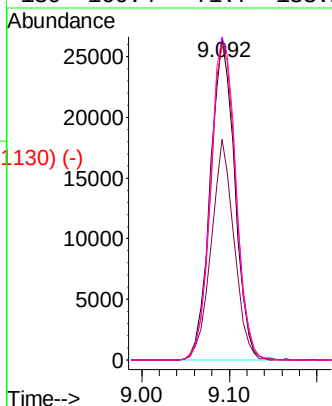
Ion Ratio Lower Upper

95 100

97 68.6 44.4 82.4

132 97.6 71.7 133.1

130 100.4 71.7 133.1



#135 (-)

Methylcyclohexane

Concen: 22.330 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

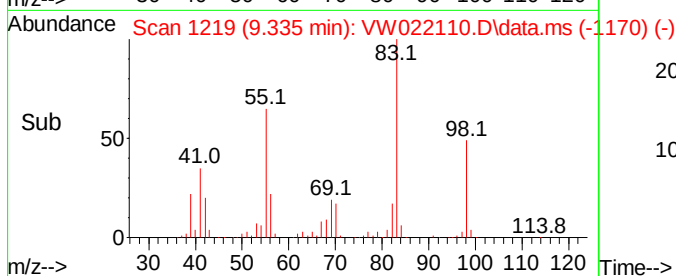
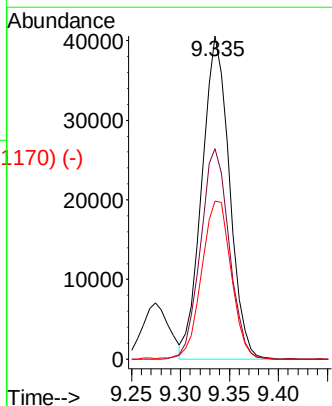
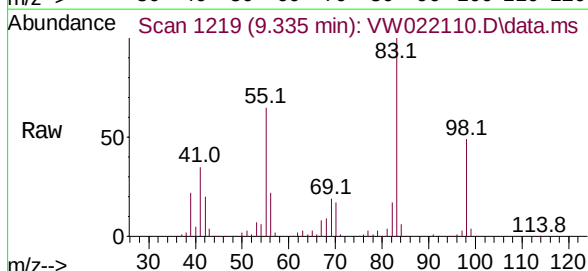
Tgt Ion: 83 Resp: 79249

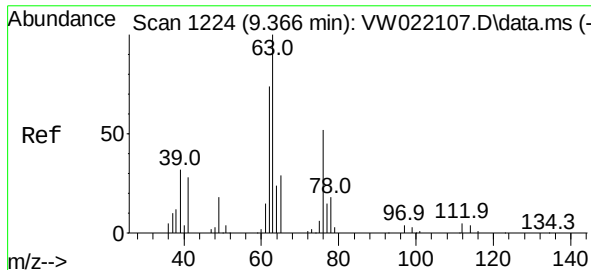
Ion Ratio Lower Upper

83 100

55 67.5 53.8 80.8

98 52.3 42.1 63.1

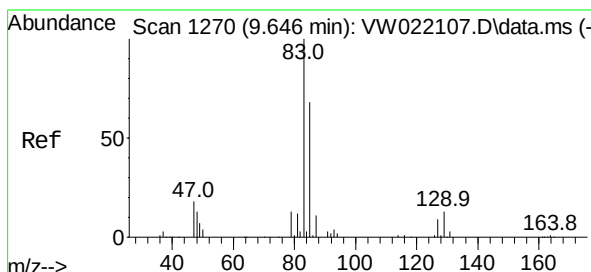
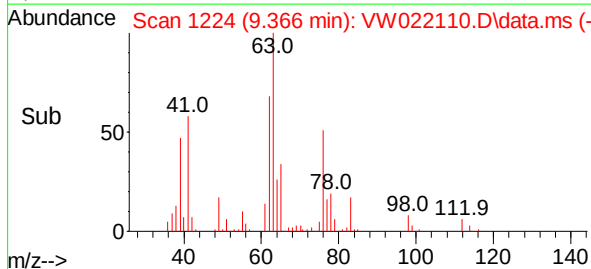
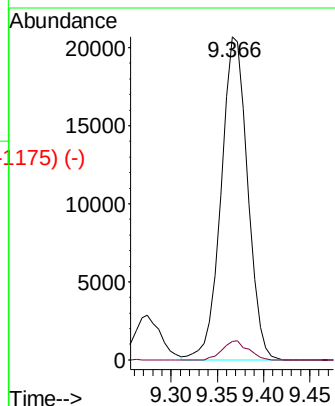
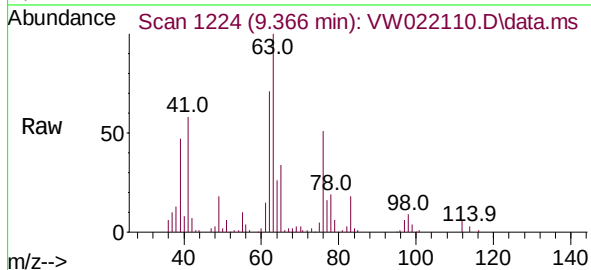




1,2-Dichloropropane
Concen: 22.116 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

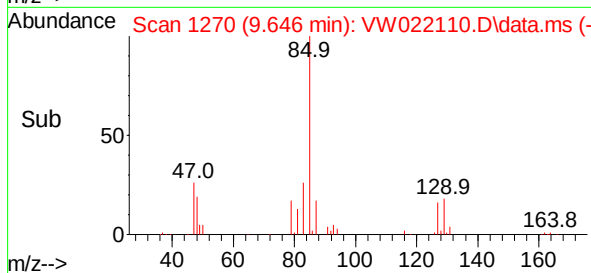
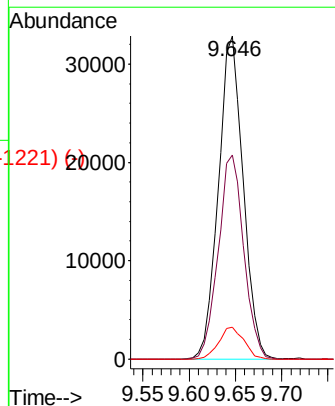
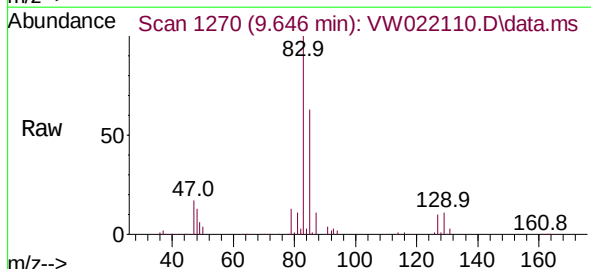
Instrument :
MSVOA_W
ClientSampleId :

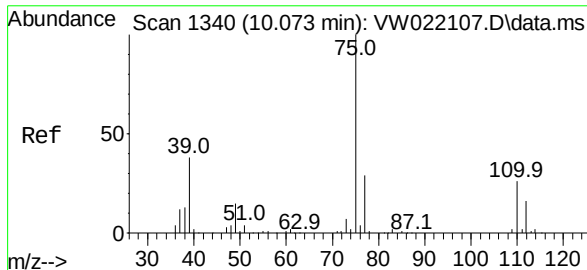
Tgt Ion: 63 Resp: 41345
Ion Ratio Lower Upper
63 100
112 5.7 4.1 6.1



Bromodichloromethane
Concen: 22.827 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion: 83 Resp: 61198
Ion Ratio Lower Upper
83 100
85 63.2 47.9 89.1
127 9.9 7.5 11.3

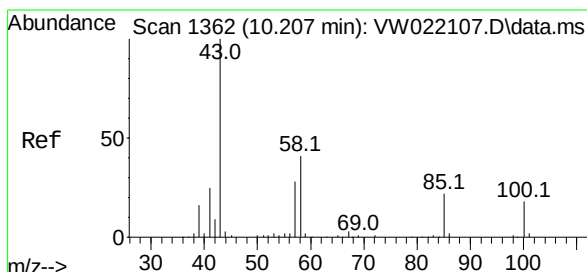
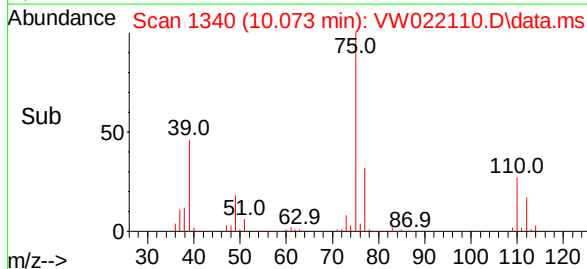
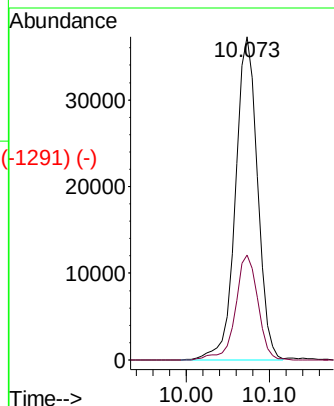
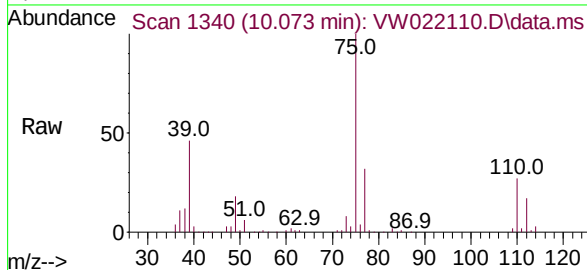




cis-1,3-Dichloropropene
Concen: 24.175 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

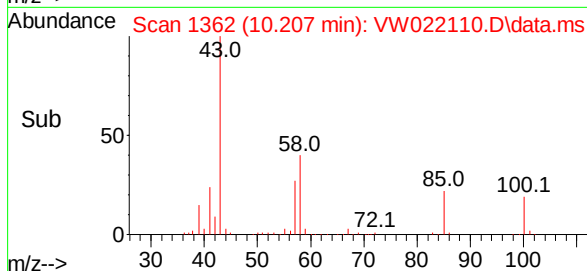
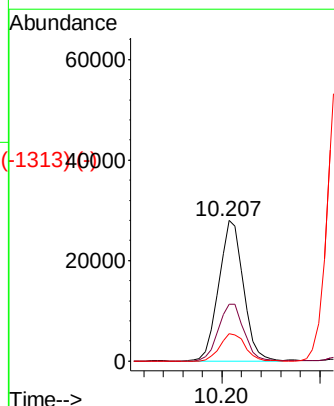
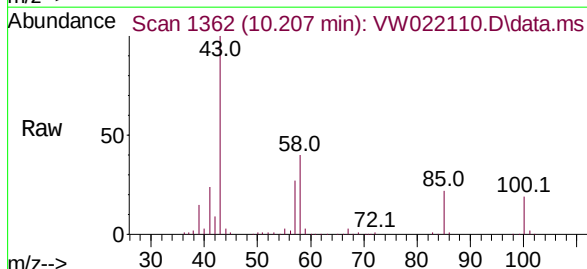
Instrument :
MSVOA_W
ClientSampleId :

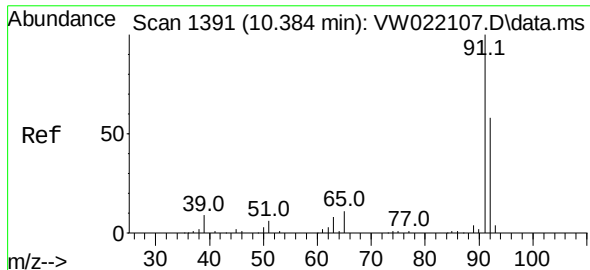
Tgt Ion: 75 Resp: 68698
Ion Ratio Lower Upper
75 100
77 32.4 20.6 38.2



4-Methyl-2-pentanone
Concen: 48.497 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion: 43 Resp: 48962
Ion Ratio Lower Upper
43 100
58 42.1 33.2 49.8
100 19.9 16.1 24.1

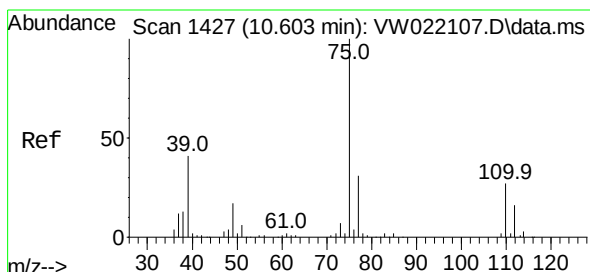
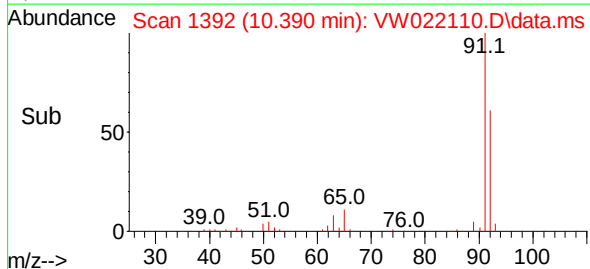
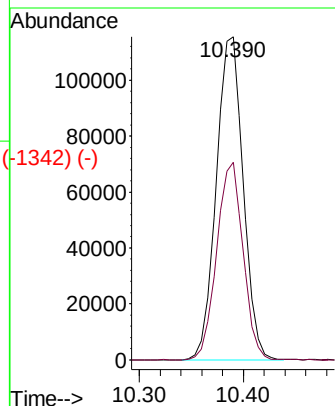
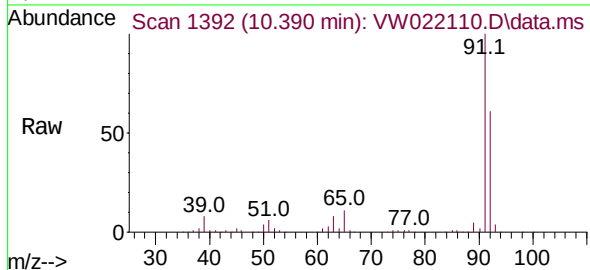




Toluene
Concen: 23.034 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

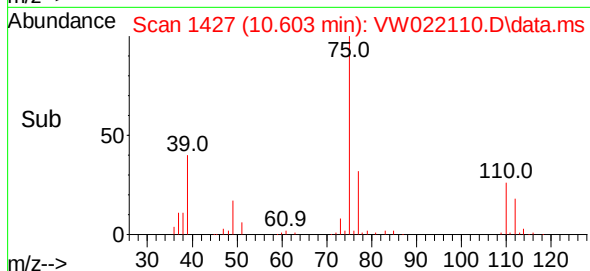
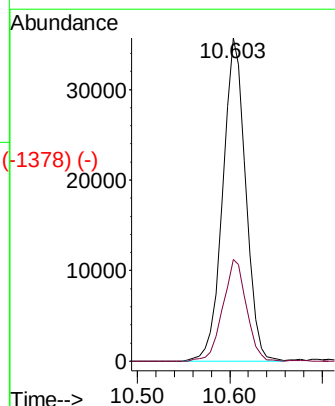
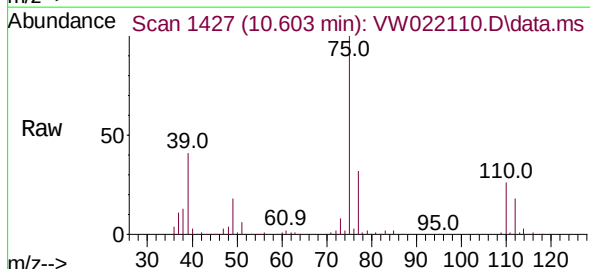
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 208915
Ion Ratio Lower Upper
91 100
92 61.2 40.4 75.0

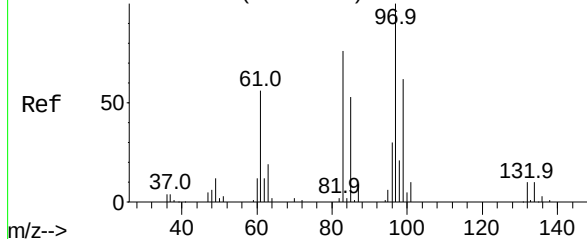


trans-1,3-Dichloropropene
Concen: 24.046 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion: 75 Resp: 61405
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8



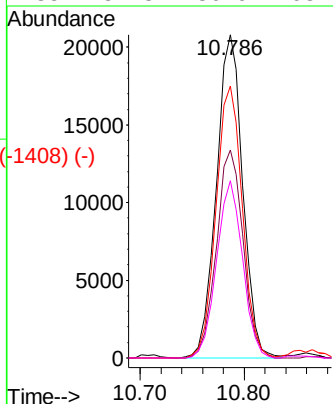
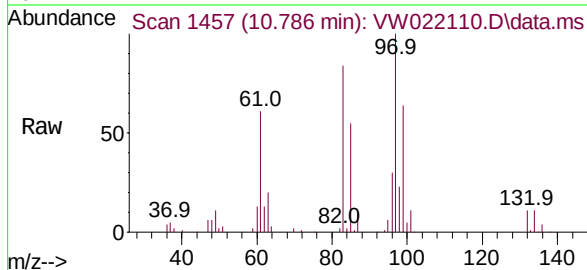
Abundance Scan 1457 (10.786 min): VW022107.D\data.ms (-1445) (-)



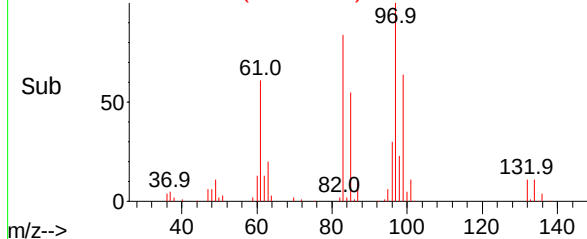
1,1,2-Trichloroethane
Concen: 22.223 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Instrument :
MSVOA_W
ClientSampleId :

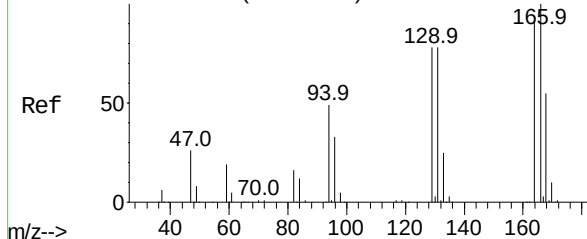
Tgt Ion:	97	Resp:	36841
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.5	80.7
83	84.2	53.5	99.3
85	54.8	36.9	68.5



Abundance Scan 1457 (10.786 min): VW022110.D\data.ms (-1408) (-)

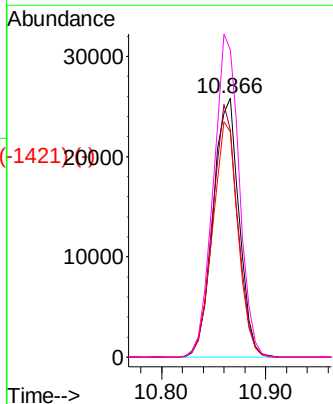
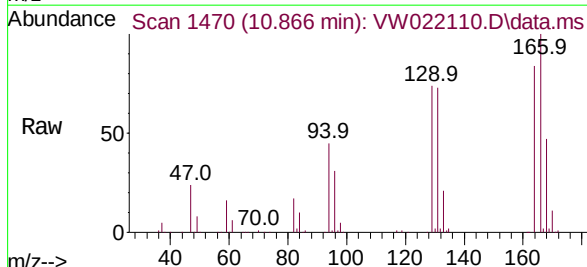


Abundance Scan 1470 (10.866 min): VW022107.D\data.ms (-1462) (-)

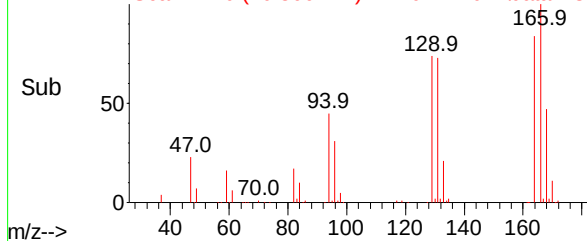


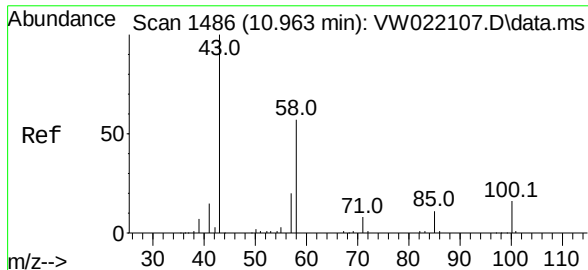
Tetrachloroethene
Concen: 22.386 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion:	164	Resp:	44995
Ion	Ratio	Lower	Upper
164	100		
129	87.7	60.3	111.9
131	86.9	59.9	111.3
166	118.5	77.0	143.0



Abundance Scan 1470 (10.866 min): VW022110.D\data.ms (-1421) (-)

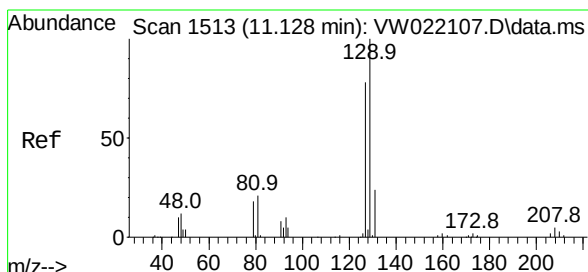
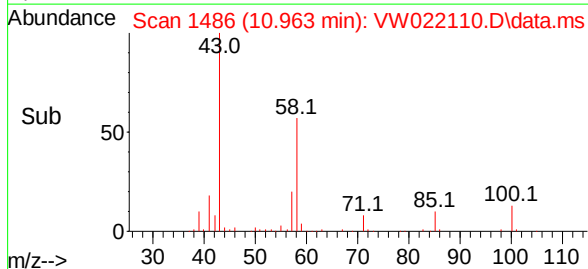
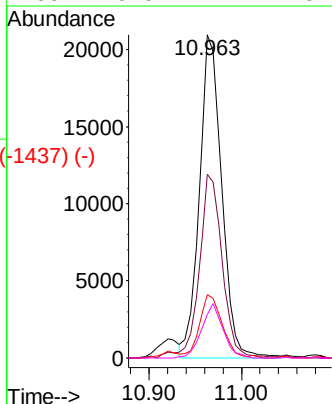
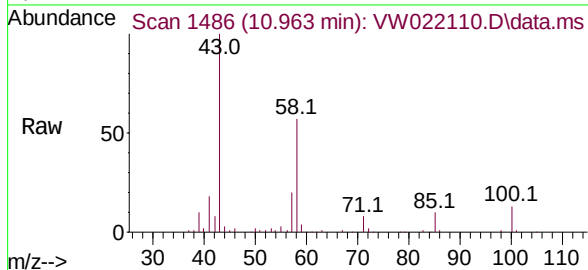




2-Hexanone
Concen: 50.145 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

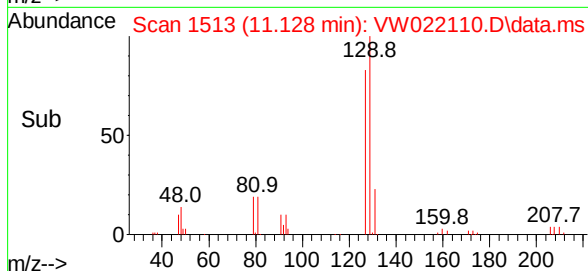
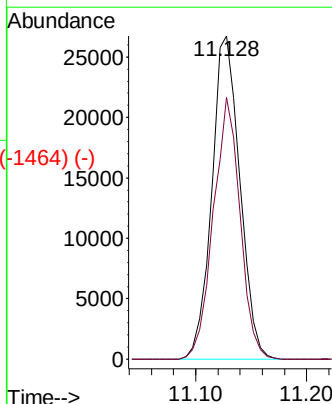
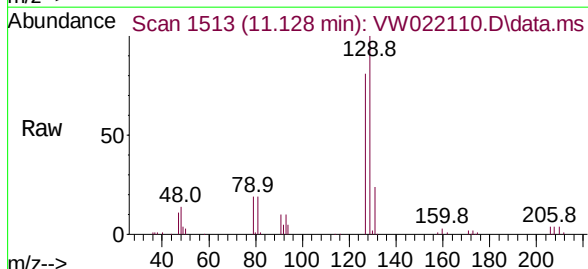
Instrument :
MSVOA_W
ClientSampleId :

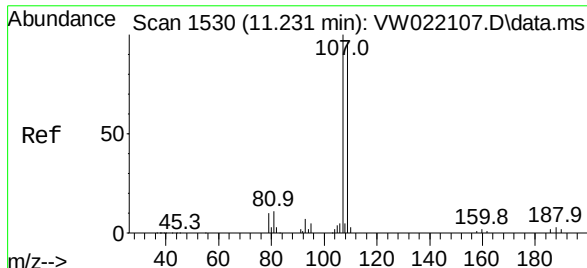
Tgt Ion:	43	Resp:	35137
Ion	Ratio	Lower	Upper
43	100		
58	57.5	44.6	66.8
57	19.8	15.8	23.8
100	16.0	12.7	19.1



Dibromochloromethane
Concen: 23.382 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion:	129	Resp:	47084
Ion	Ratio	Lower	Upper
129	100		
127	81.1	54.5	101.1

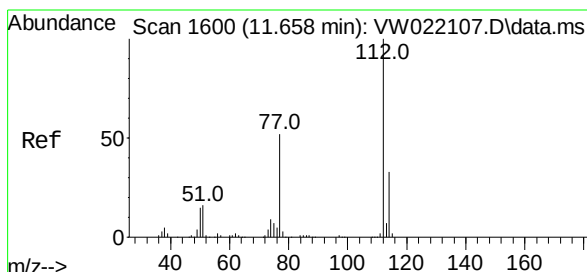
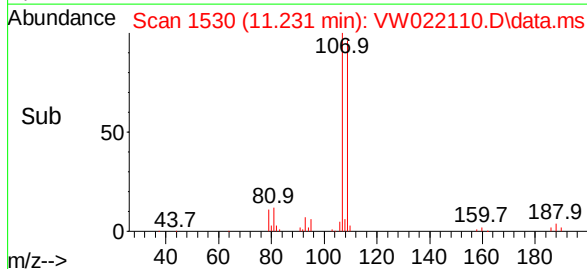
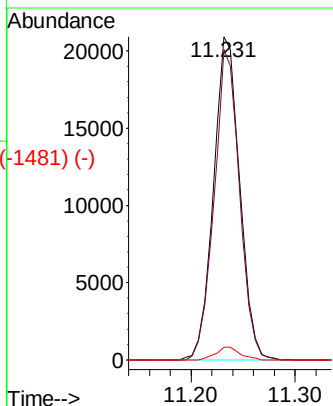
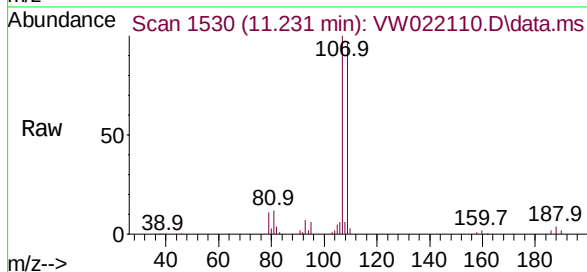




1,2-Dibromoethane
Concen: 22.962 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

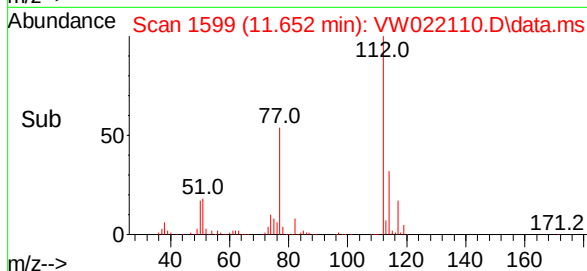
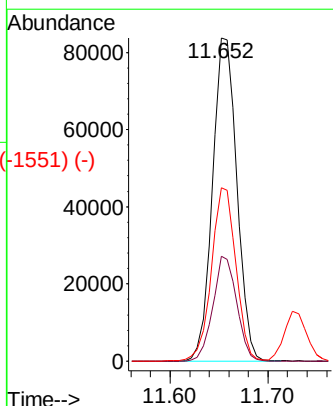
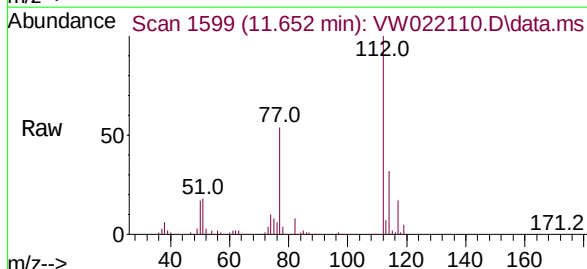
Instrument :
MSVOA_W
ClientSampleId :

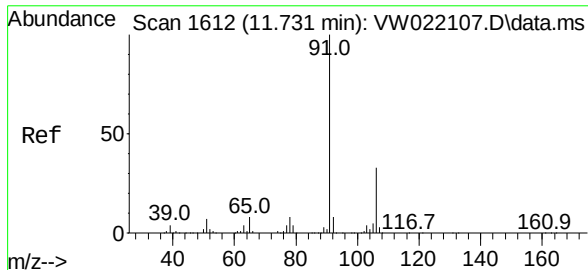
Tgt Ion:	107	Resp:	36716
Ion	Ratio	Lower	Upper
107	100		
109	96.0	66.8	124.2
188	4.0	2.6	4.0



Chlorobenzene
Concen: 22.891 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion:	112	Resp:	144489
Ion	Ratio	Lower	Upper
112	100		
114	32.5	23.0	42.8
77	53.7	41.8	62.6

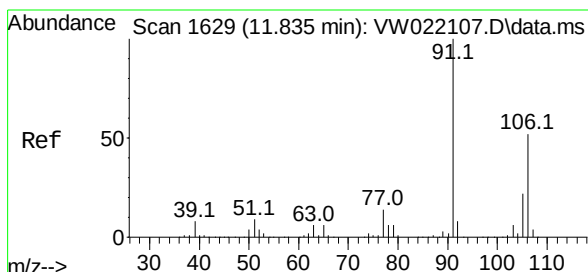
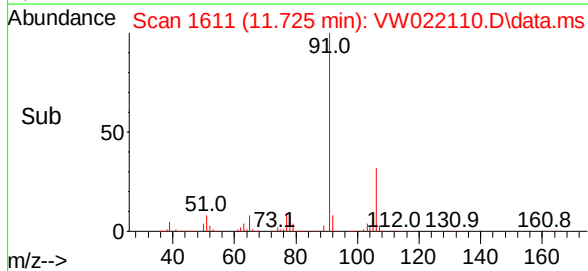
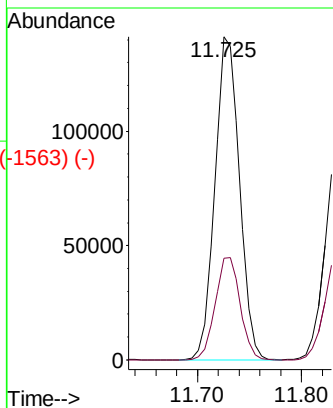
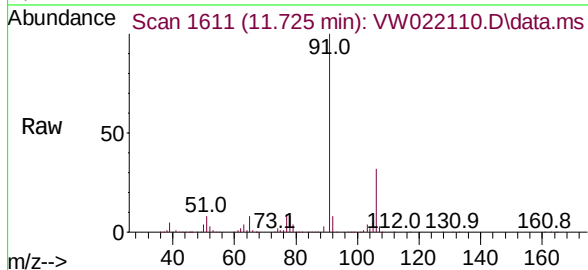




Scan 1612 (11.731 min): VW022107.D\data.ms (-1563) (-)
 Ethylbenzene
 Concen: 23.264 ug/L
 RT: 11.725 min Scan# 1612
 Delta R.T. -0.006 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

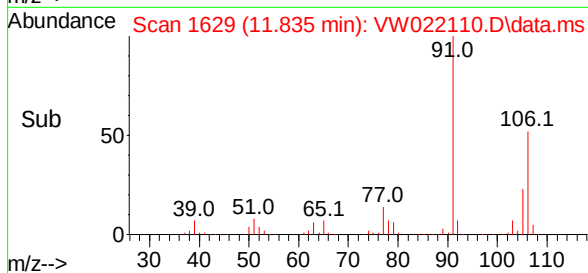
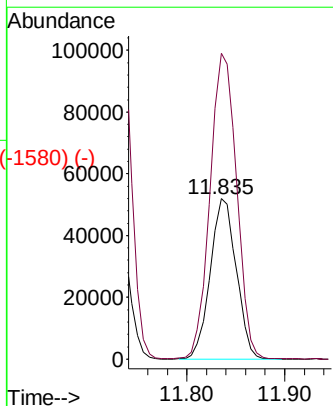
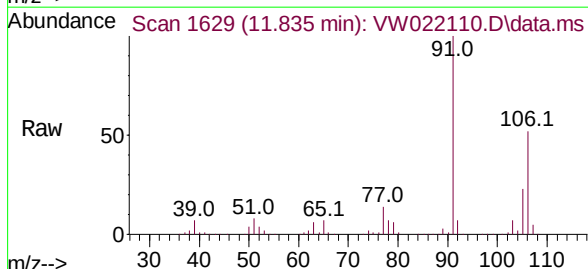
Instrument :
 MSVOA_W
 ClientSampleId :

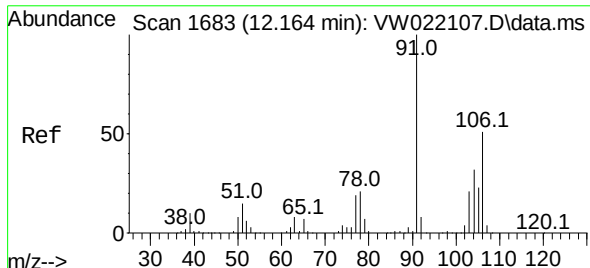
Tgt Ion: 91 Resp: 233514
 Ion Ratio Lower Upper
 91 100
 106 31.5 22.8 42.4



Scan 1629 (11.835 min): VW022107.D\data.ms (-1580) (-)
 m,p-Xylene
 Concen: 23.251 ug/L
 RT: 11.835 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

Tgt Ion: 106 Resp: 96034
 Ion Ratio Lower Upper
 106 100
 91 190.6 135.0 250.8

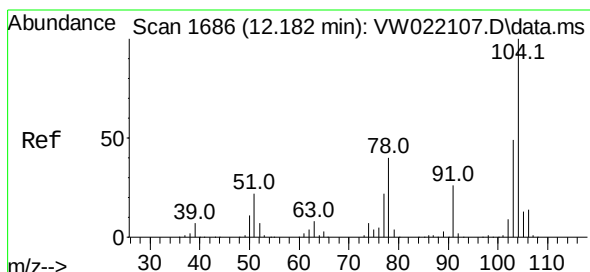
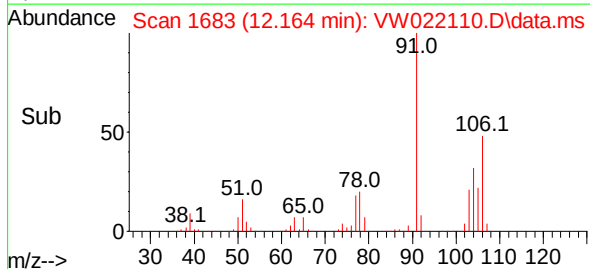
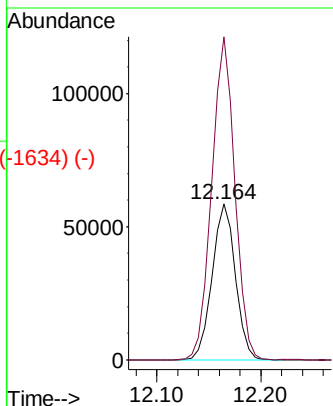
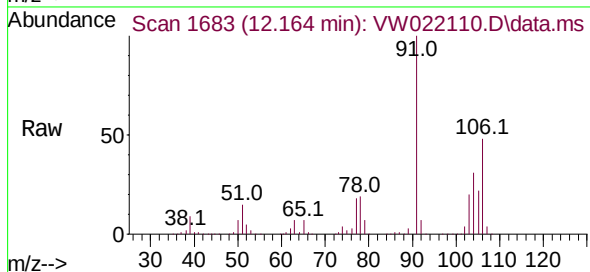




Scan 1683 (12.164 min): VW022107.D\data.ms (-1634) (-)
 o-Xylene
 Concen: 23.477 ug/L
 RT: 12.164 min Scan# 1634
 Delta R.T. -0.000 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

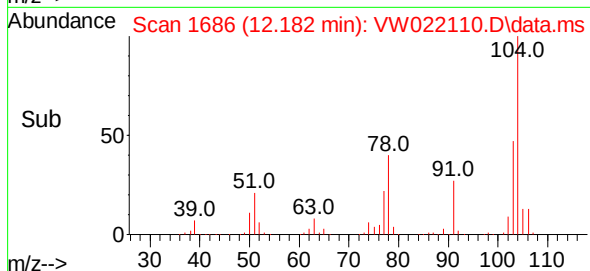
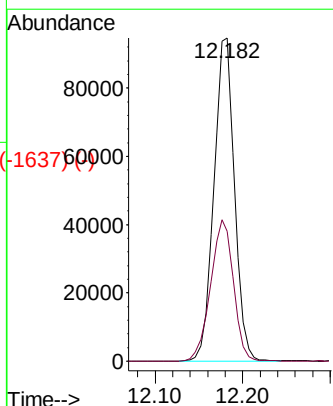
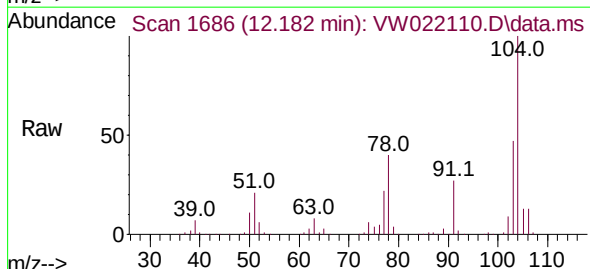
Instrument :
 MSVOA_W
 ClientSampleId :

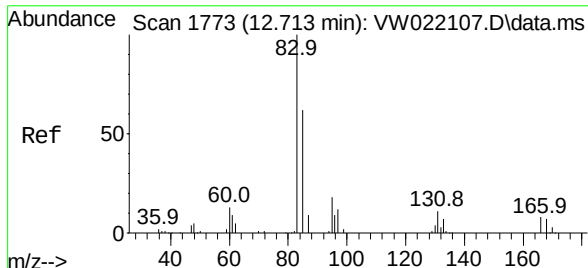
Tgt Ion:106 Resp: 91236
 Ion Ratio Lower Upper
 106 100
 91 207.4 136.9 254.3



Scan 1686 (12.182 min): VW022107.D\data.ms (-1635) (-)
 Styrene
 Concen: 23.647 ug/L
 RT: 12.182 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

Tgt Ion:104 Resp: 154063
 Ion Ratio Lower Upper
 104 100
 78 40.1 27.8 51.6

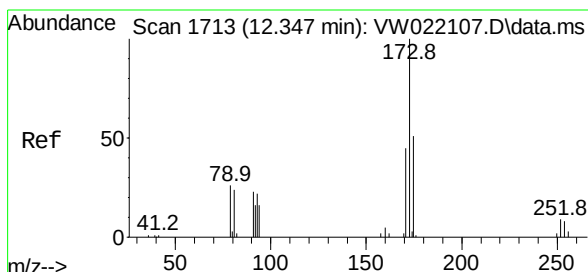
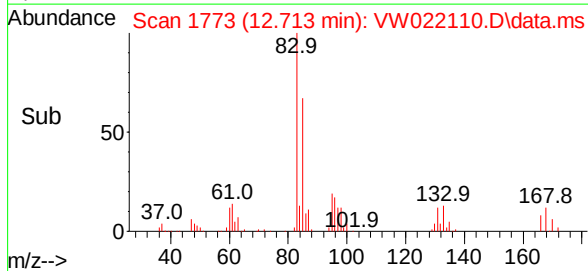
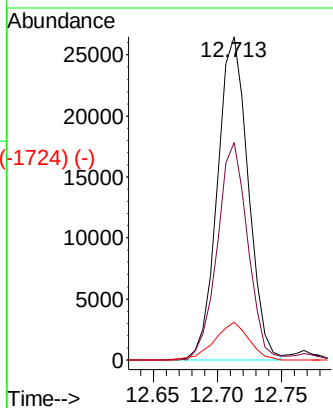
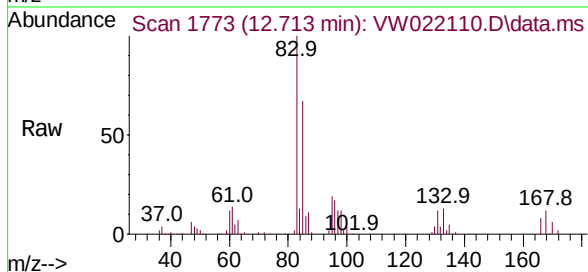




Scan 1773 (12.713 min): VW022107.D\data.ms (-1757) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 22.941 ug/L
 RT: 12.713 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

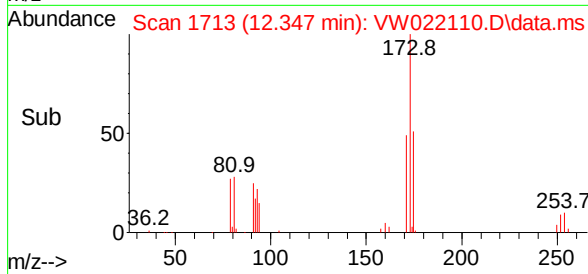
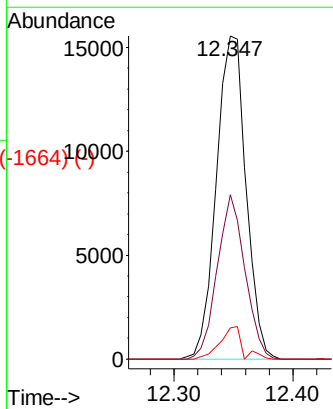
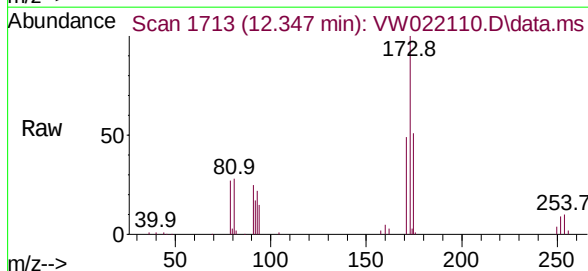
Instrument : MSVOA_W
 ClientSampleId :

Tgt Ion:	83	Resp:	44126
Ion	Ratio	Lower	Upper
83	100		
85	67.3	44.2	82.0
131	11.6	9.4	14.0

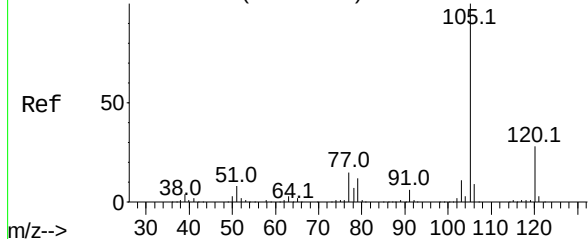


Scan 1713 (12.347 min): VW022107.D\data.ms (-1759) (-)
 Bromoform
 Concen: 22.958 ug/L
 RT: 12.347 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

Tgt Ion:	173	Resp:	26935
Ion	Ratio	Lower	Upper
173	100		
175	47.6	38.2	57.4
254	6.7	5.0	7.6



Abundance Scan 1732 (12.463 min): VW022107.D\data.ms (-1700) (-)



Isopropylbenzene

Concen: 23.463 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

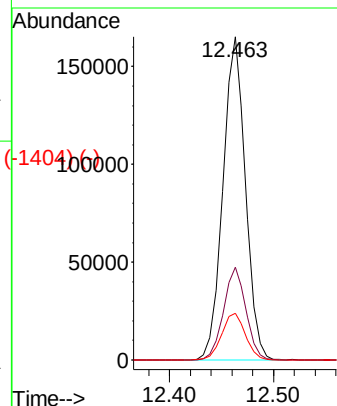
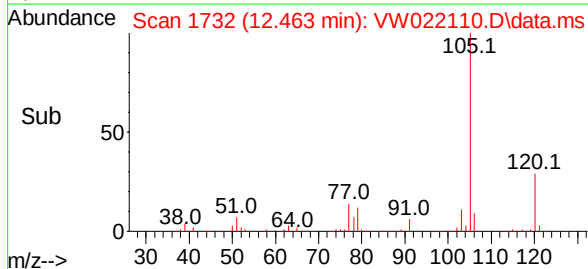
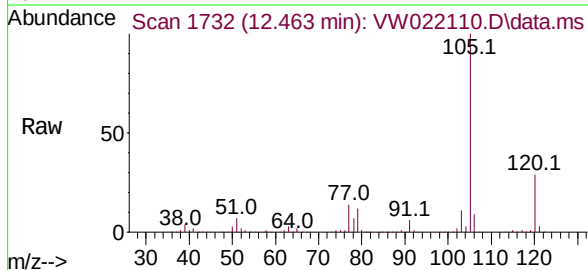
Tgt Ion:105 Resp: 249888

Ion Ratio Lower Upper

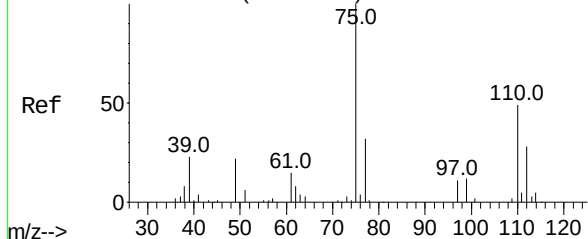
105 100

120 28.6 22.1 33.1

77 15.1 12.0 18.0



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



1,2,3-Trichloropropane

Concen: 23.022 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

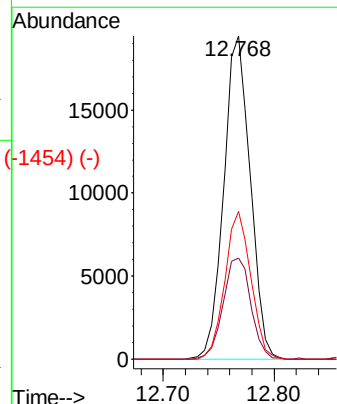
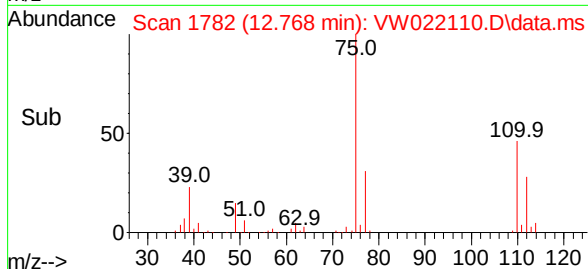
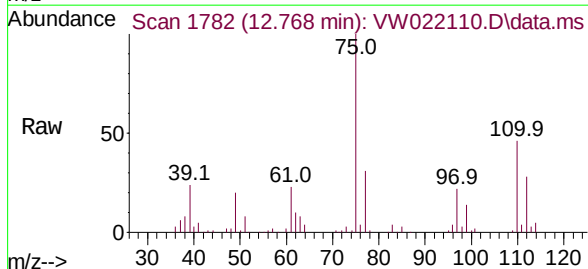
Tgt Ion: 75 Resp: 32237

Ion Ratio Lower Upper

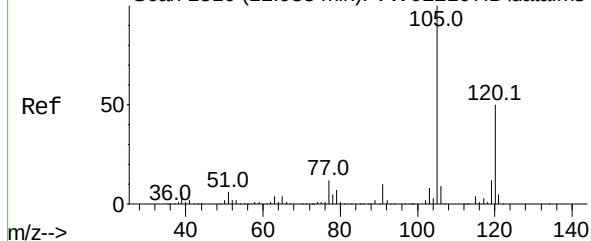
75 100

77 32.8 27.1 40.7

110 44.7 36.7 55.1



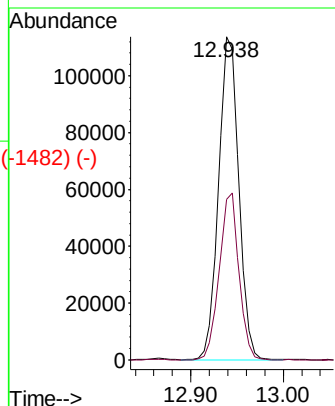
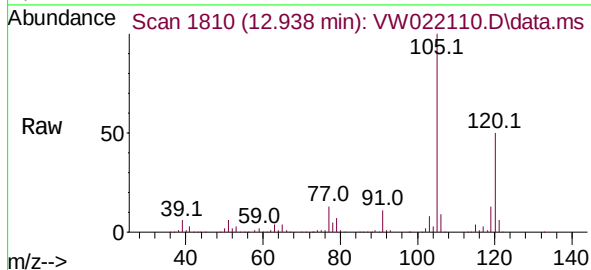
Abundance Scan 1810 (12.938 min): VW022107.D\data.ms (-1482) (-)



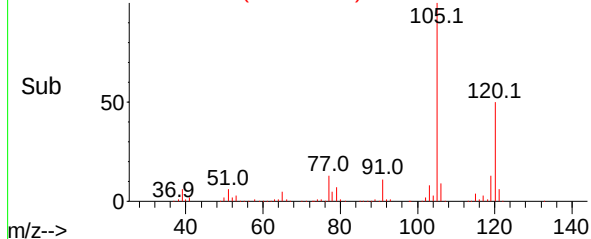
1,3,5-Trimethylbenzene
Concen: 24.415 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Instrument :
MSVOA_W
ClientSampleId :

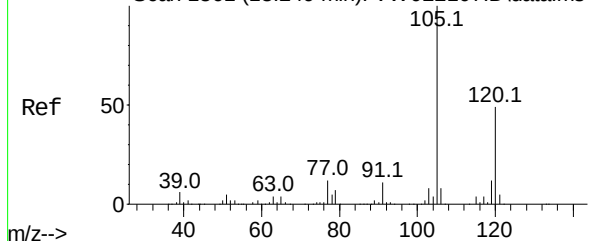
Tgt Ion:105 Resp: 172905
Ion Ratio Lower Upper
105 100
120 50.3 41.5 62.3



Abundance Scan 1810 (12.938 min): VW022110.D\data.ms (-1482) (-)

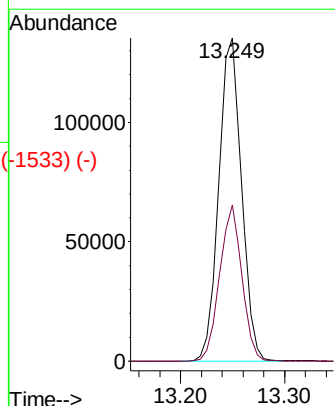
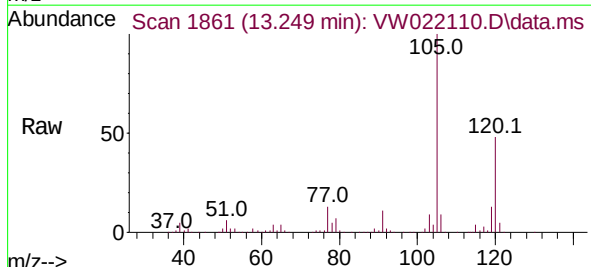


Abundance Scan 1861 (13.249 min): VW022107.D\data.ms (-1533) (-)

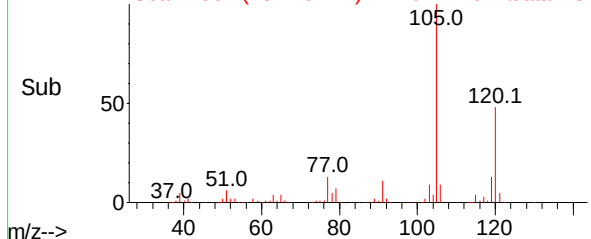


1,2,4-Trimethylbenzene
Concen: 23.982 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion:105 Resp: 207566
Ion Ratio Lower Upper
105 100
120 47.2 39.2 58.8



Abundance Scan 1861 (13.249 min): VW022110.D\data.ms (-1533) (-)



Abundance Scan 1902 (13.499 min): VW022107.D\data.ms (-1854) (-)

1,3-Dichlorobenzene

Concen: 22.599 ug/L

RT: 13.493 min Scan#

Delta R.T. -0.006 min

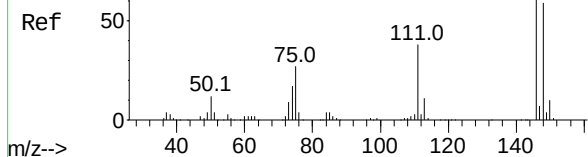
Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :



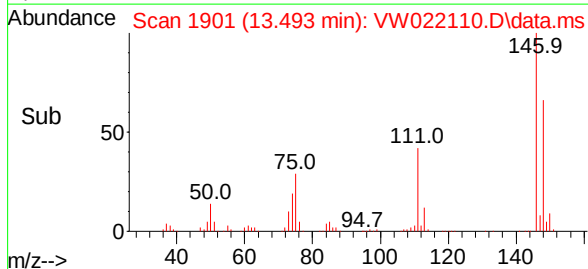
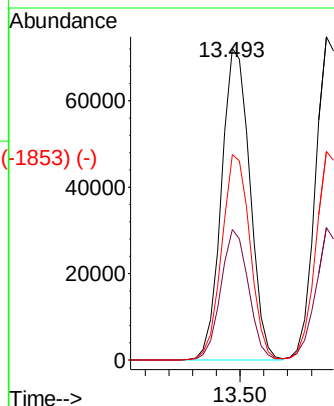
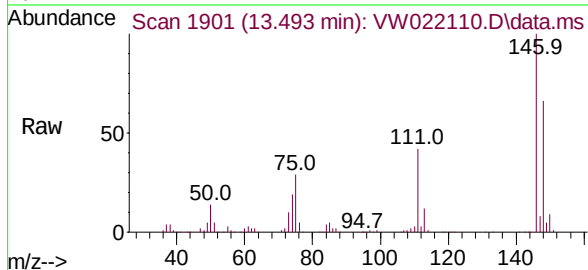
Tgt Ion:146 Resp: 119396

Ion Ratio Lower Upper

146 100

111 41.8 26.9 49.9

148 65.9 41.6 77.2



Abundance Scan 1914 (13.572 min): VW022107.D\data.ms (-1855) (-)

1,4-Dichlorobenzene

Concen: 22.833 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW022110.D

Acq: 23 Feb 2022 15:36

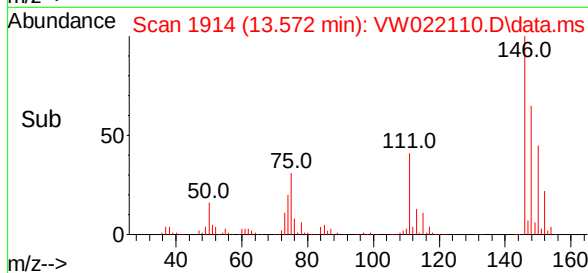
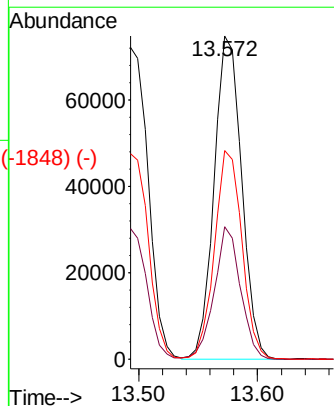
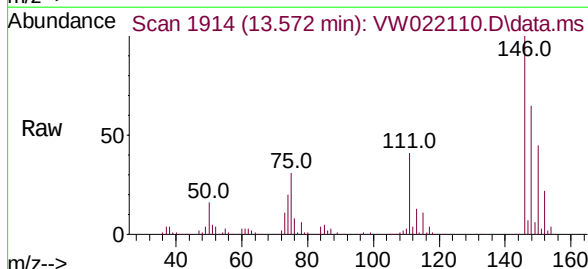
Tgt Ion:146 Resp: 120885

Ion Ratio Lower Upper

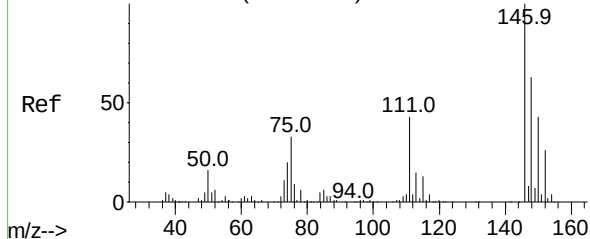
146 100

111 40.9 27.5 51.1

148 64.6 42.9 79.7



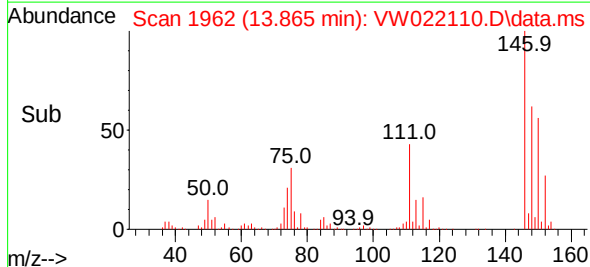
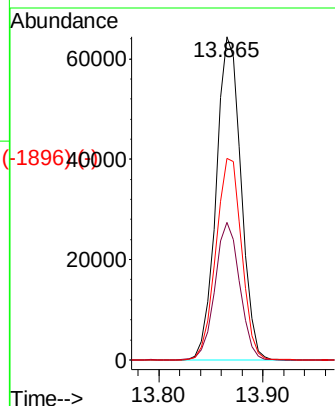
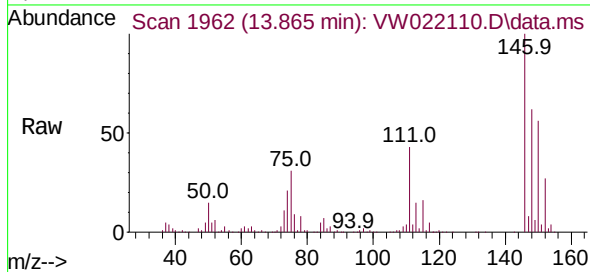
Abundance Scan 1962 (13.865 min): VW022107.D\data.ms (-1955) (-)



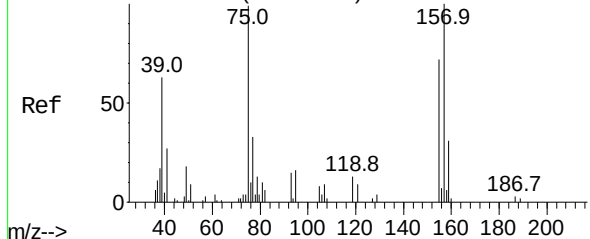
1,2-Dichlorobenzene
Concen: 22.883 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	146	Resp:	107488
Ion	Ratio	Lower	Upper
146	100		
111	42.6	34.8	52.2
148	62.3	50.4	75.6

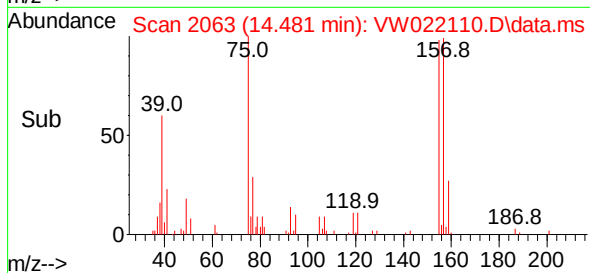
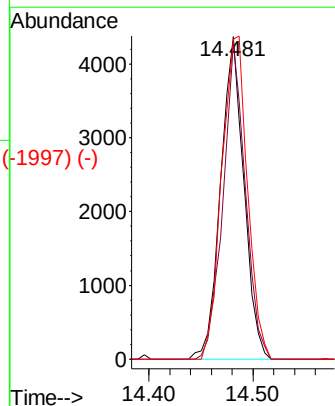
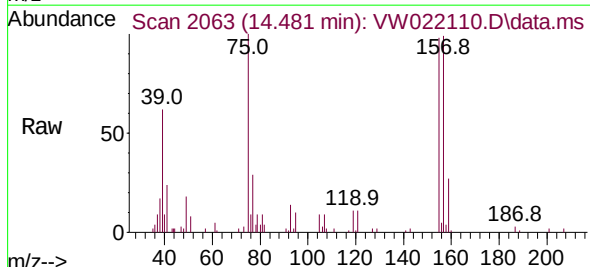


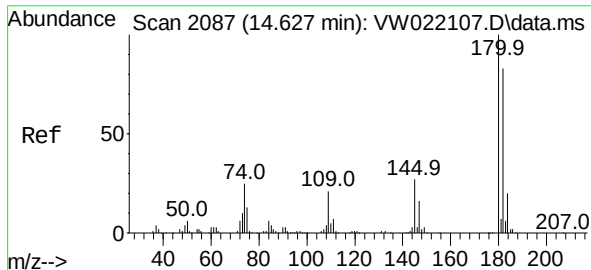
Abundance Scan 2063 (14.481 min): VW022107.D\data.ms (-2048) (-)



1,2-Dibromo-3-chloropropane
Concen: 23.066 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion:	75	Resp:	6828
Ion	Ratio	Lower	Upper
75	100		
155	97.8	58.2	87.2#
157	99.2	80.5	120.7

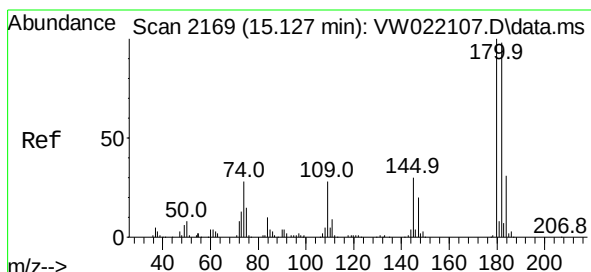
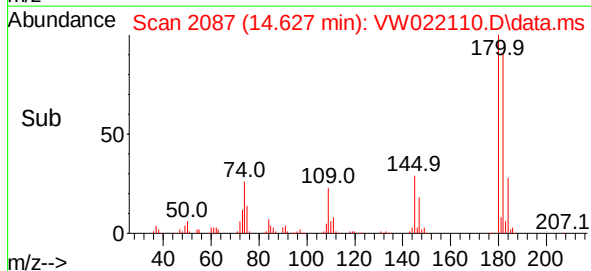
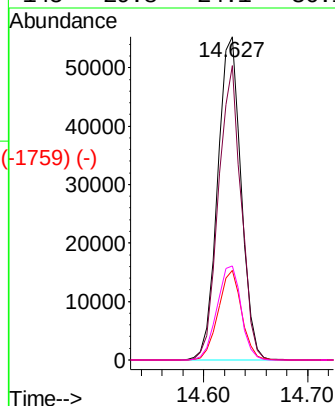
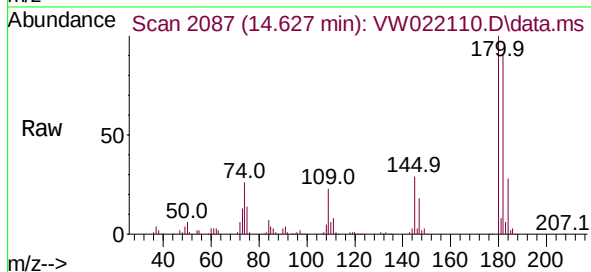




1,3,5-Trichlorobenzene
Concen: 23.045 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

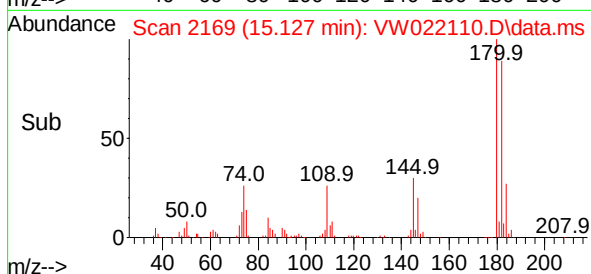
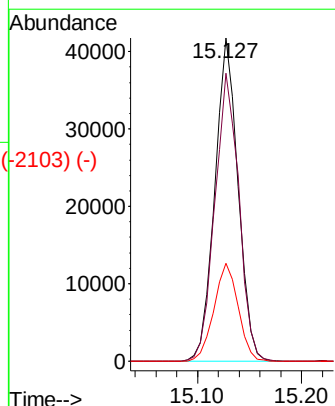
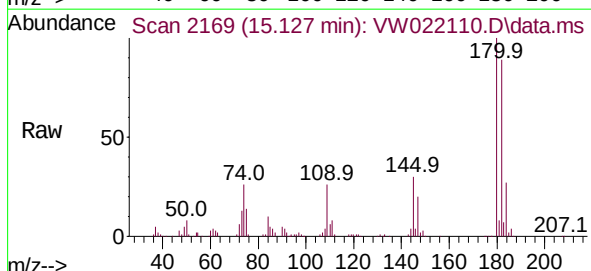
Instrument :
MSVOA_W
ClientSampleId :

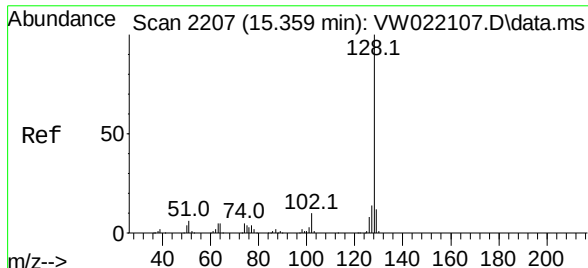
Tgt Ion:	180	Resp:	87388
Ion	Ratio	Lower	Upper
180	100		
182	87.8	69.4	104.0
184	27.6	21.8	32.8
145	29.8	24.1	36.1



1,2,4-trichlorobenzene
Concen: 22.705 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022110.D
Acq: 23 Feb 2022 15:36

Tgt Ion:	180	Resp:	65144
Ion	Ratio	Lower	Upper
180	100		
182	92.0	77.8	116.6
145	31.5	25.8	38.6

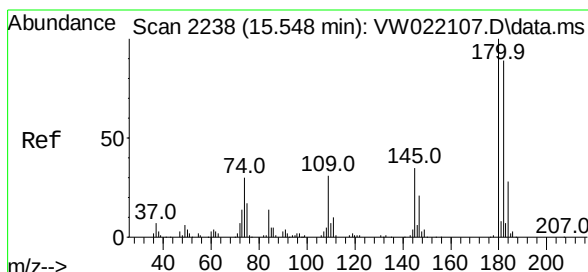
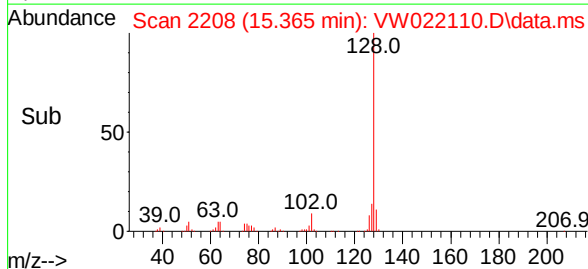
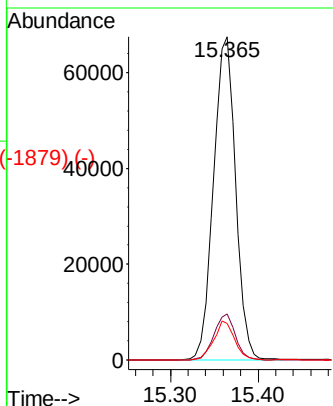
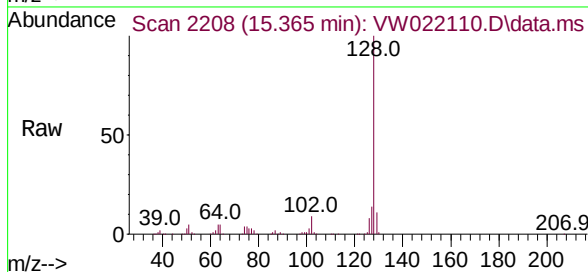




Scan 2207 (15.359 min): VW022107.D\data.ms (-2109) (-)
 Naphthalene
 Concen: 23.325 ug/L
 RT: 15.365 min Scan# 2109
 Delta R.T. 0.006 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

Instrument : MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	118144
Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.0	16.6
129	11.3	8.9	13.3



Scan 2238 (15.548 min): VW022107.D\data.ms (-2232) (-)
 1,2,3-Trichlorobenzene
 Concen: 22.539 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.006 min
 Lab File: VW022110.D
 Acq: 23 Feb 2022 15:36

Tgt Ion:	180	Resp:	55936
Ion	Ratio	Lower	Upper
180	100		
182	96.8	79.0	118.4
145	33.9	28.0	42.0

