

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023551.D
 Acq On : 30 Jun 2022 17:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 01 05:59:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:57:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	312370	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	309242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	165982	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	160519	35.925	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	143.680%	
7) Chloroethane-d5	2.879	69	92521	30.067	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	120.280%	
11) 1,1-Dichloroethene-d2	4.013	63	151844	27.466	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	109.880%	
21) 2-Butanone-d5	7.080	46	64262	57.423	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	114.840%	
24) Chloroform-d	7.647	84	235509	27.619	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	110.480%	
26) 1,2-Dichloroethane-d4	8.305	65	131211	27.864	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	111.440%	
32) Benzene-d6	8.274	84	454354	27.175	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	108.680%	
36) 1,2-Dichloropropane-d6	9.274	67	133135	26.933	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	107.720%	
41) Toluene-d8	10.323	98	436660	26.853	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	107.400%	
43) trans-1,3-Dichloroprop...	10.579	79	58519	26.723	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	106.880%	
47) 2-Hexanone-d5	10.920	63	55723	59.426	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	118.860%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134393	28.316	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	113.280%	
66) 1,2-Dichlorobenzene-d4	13.853	152	164838	27.230	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	108.920%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	56467	46.782	ug/L	97
3) Chloromethane	2.215	50	133043	35.607	ug/L	98
5) Vinyl chloride	2.355	62	170704	33.922	ug/L	97
6) Bromomethane	2.769	94	65585	19.760	ug/L	99
8) Chloroethane	2.916	64	65294	28.867	ug/L	94
9) Trichlorofluoromethane	3.251	101	46302	19.862	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	97439	25.822	ug/L	98
12) 1,1-Dichloroethene	4.044	96	83392	26.566	ug/L	90
13) Acetone	4.129	43	36342	47.151	ug/L	99
14) Carbon disulfide	4.385	76	257127	30.368	ug/L	97
15) Methyl Acetate	4.678	43	48174	27.281	ug/L	99
16) Methylene chloride	4.921	84	102476	22.998	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	103366	26.092	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	156026	26.855	ug/L	100
19) 1,1-Dichloroethane	6.214	63	184258	26.372	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	118913	27.543	ug/L	96
22) 2-Butanone	7.177	43	69078	54.817	ug/L	96
23) Bromochloromethane	7.512	128	59280	27.742	ug/L	99

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 Response via : Initial Calibration

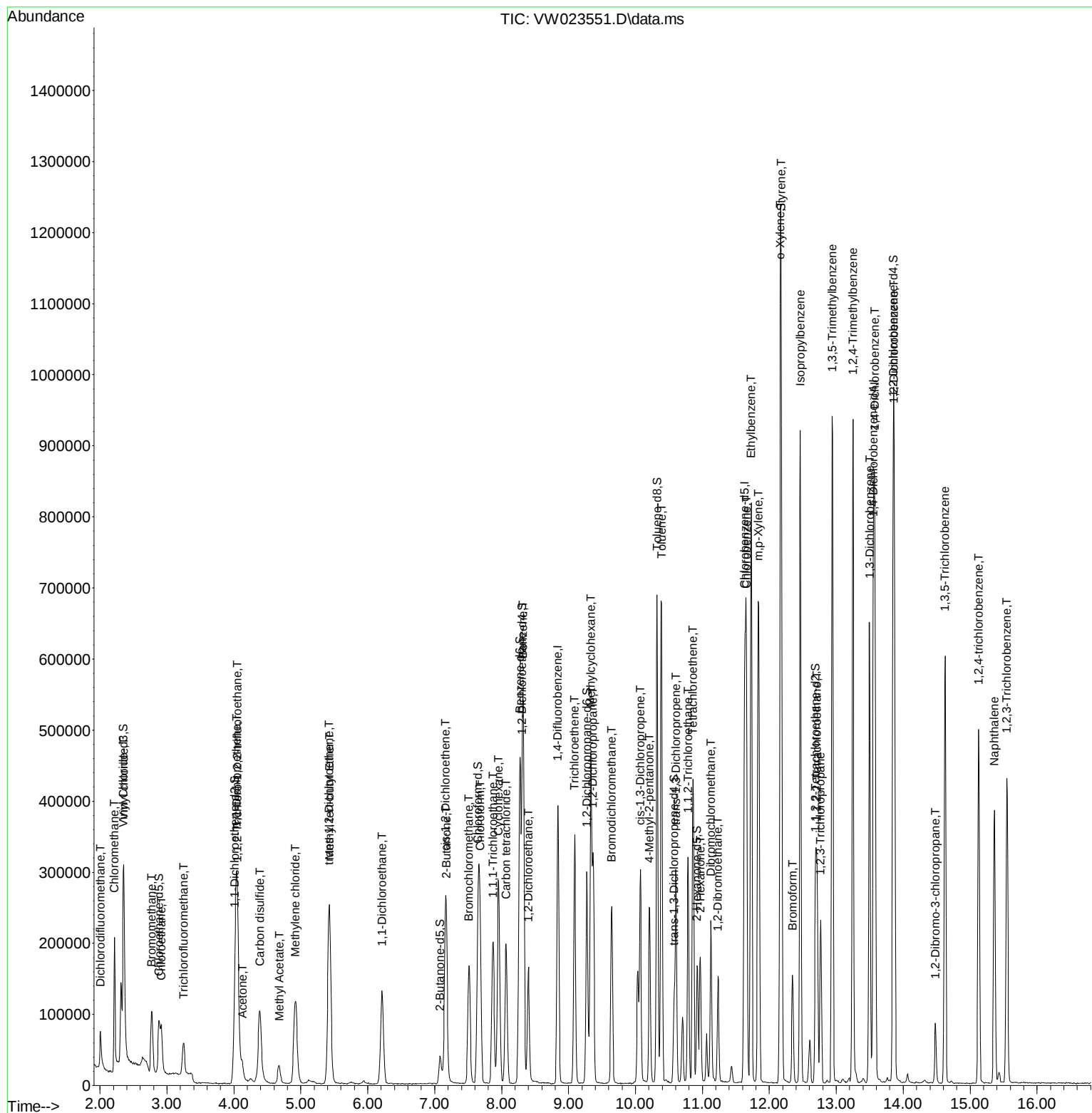
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.677	83	213590	27.386	ug/L	98
27) 1,2-Dichloroethane	8.403	62	143958	27.919	ug/L	99
29) Cyclohexane	7.951	56	146767	25.100	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	159748	23.817	ug/L	98
31) Carbon tetrachloride	8.067	117	142847	23.560	ug/L	99
33) Benzene	8.323	78	453495	26.066	ug/L	100
34) Trichloroethene	9.091	95	115016	24.675	ug/L	94
35) Methylcyclohexane	9.335	83	182523	24.885	ug/L	99
37) 1,2-Dichloropropane	9.366	63	111994	26.613	ug/L	100
38) Bromodichloromethane	9.646	83	157809	26.193	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	169704	26.043	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	154452	56.001	ug/L	100
42) Toluene	10.390	91	510217	26.514	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	155485	25.816	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	96848	27.067	ug/L	95
46) Tetrachloroethene	10.859	164	87630	23.375	ug/L	93
48) 2-Hexanone	10.969	43	107783	56.897	ug/L	98
49) Dibromochloromethane	11.128	129	116271	26.593	ug/L	95
50) 1,2-Dibromoethane	11.231	107	93745	26.293	ug/L	97
51) Chlorobenzene	11.658	112	342050	25.977	ug/L	97
52) Ethylbenzene	11.731	91	565916	26.366	ug/L	98
53) m,p-Xylene	11.841	106	222367	26.351	ug/L	99
54) o-Xylene	12.164	106	216809	27.201	ug/L	96
55) Styrene	12.176	104	389107	27.932	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	123256	26.784	ug/L	96
59) Bromoform	12.347	173	61663	25.039	ug/L	96
60) Isopropylbenzene	12.463	105	572748	26.157	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89135	26.660	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	485246	26.674	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	499346	27.352	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	265526	25.231	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	266214	24.943	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	249029	26.112	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20663	27.024	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	173925	24.753	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	140697	24.813	ug/L	100
71) Naphthalene	15.365	128	316537	26.906	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	137470	26.563	ug/L	99

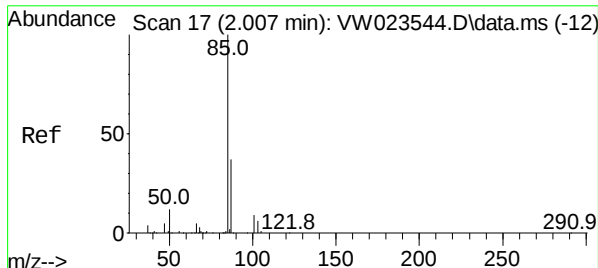
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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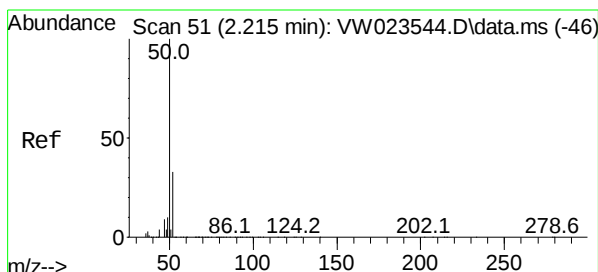
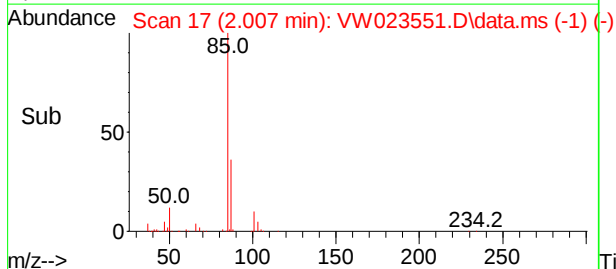
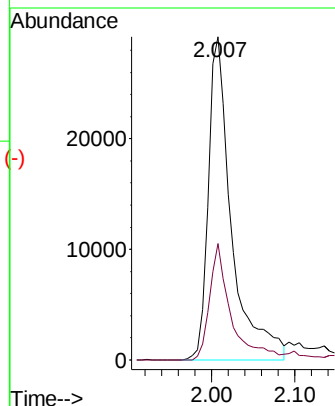
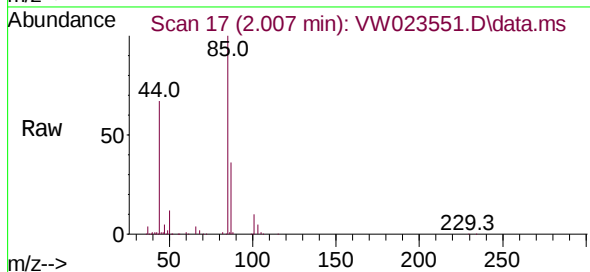




Dichlorodifluoromethane
 Concen: 46.782 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW023551.D
 Acq: 30 Jun 2022 17:32

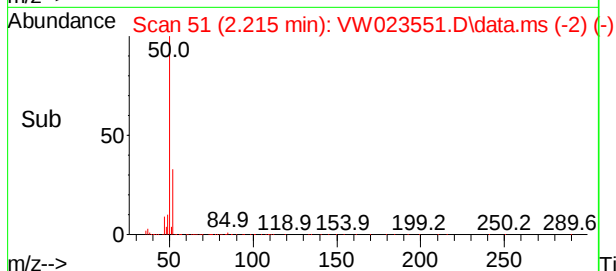
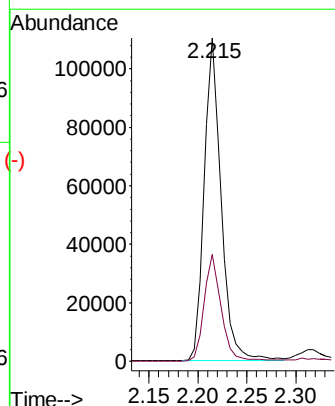
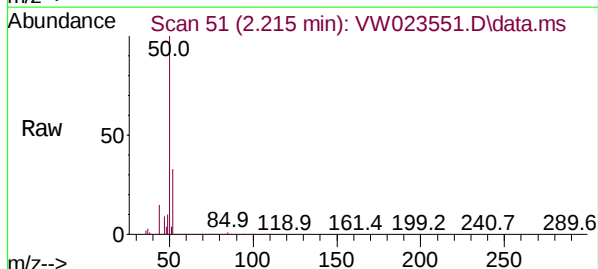
Instrument :
 MSVOA_W
 ClientSampleId :

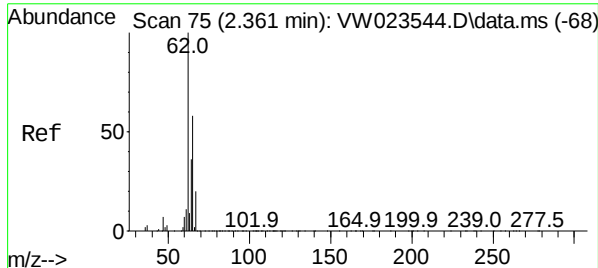
Tgt Ion: 85 Resp: 56467
 Ion Ratio Lower Upper
 85 100
 87 30.7 26.0 39.0



Chloromethane
 Concen: 35.607 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023551.D
 Acq: 30 Jun 2022 17:32

Tgt Ion: 50 Resp: 133043
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.5 41.9





Vinyl chloride

Concen: 33.922 ug/L

RT: 2.355 min Scan#

Delta R.T. -0.006 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

Instrument :

MSVOA_W

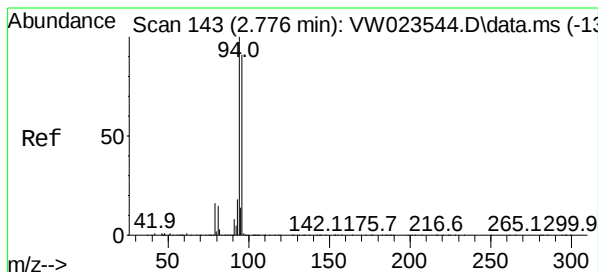
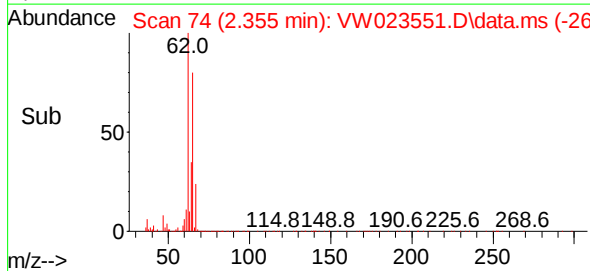
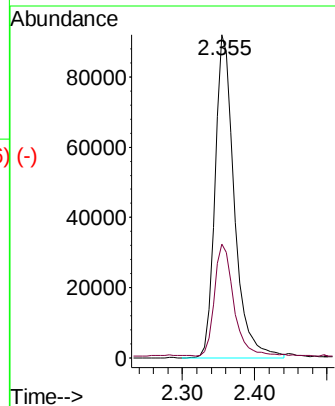
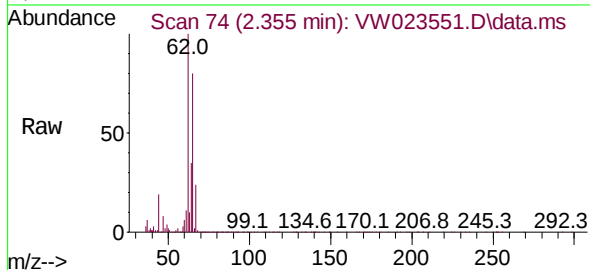
ClientSampleId :

Tgt Ion: 62 Resp: 170704

Ion Ratio Lower Upper

62 100

64 35.2 25.8 47.8



Bromomethane

Concen: 19.760 ug/L

RT: 2.769 min Scan# 142

Delta R.T. -0.006 min

Lab File: VW023551.D

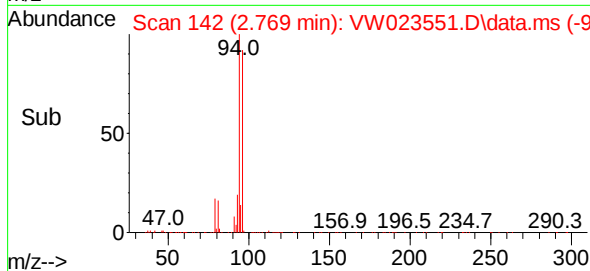
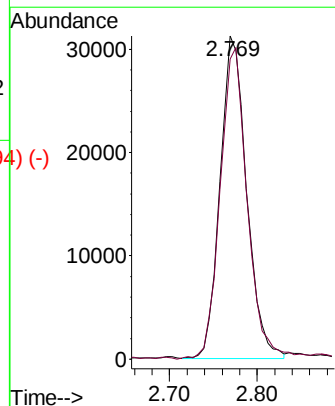
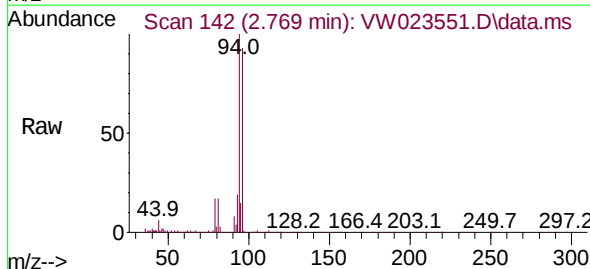
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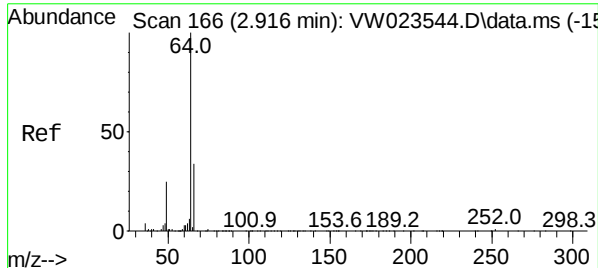
Tgt Ion: 94 Resp: 65585

Ion Ratio Lower Upper

94 100

96 92.9 65.6 121.8

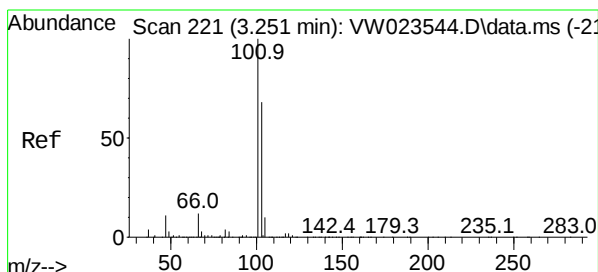
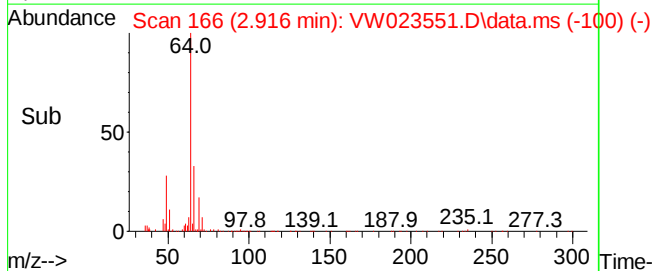
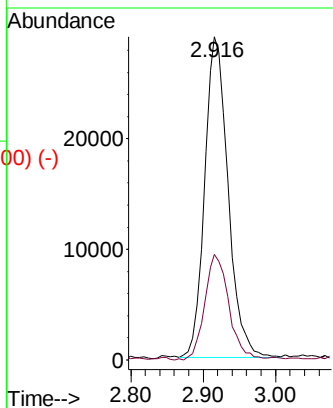
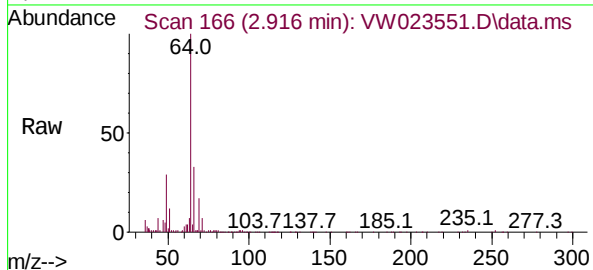




Chloroethane
 Concen: 28.867 ug/L
 RT: 2.916 min Scan# 166
 Delta R.T. -0.000 min
 Lab File: VW023551.D
 Acq: 30 Jun 2022 17:32

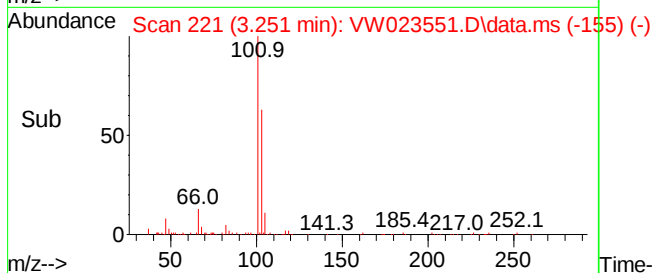
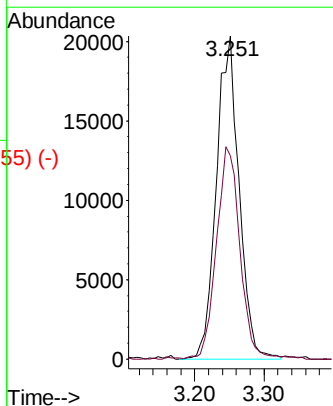
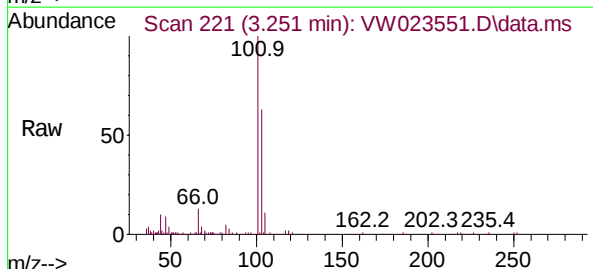
Instrument :
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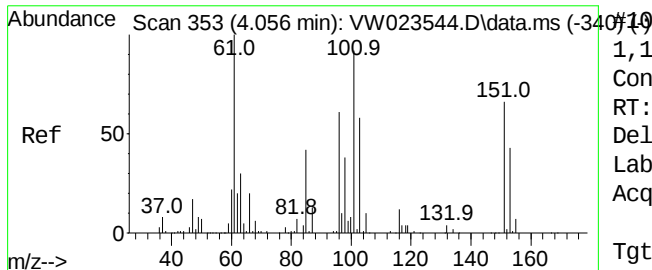
Tgt Ion:	64	Resp:	65294
Ion Ratio	Lower	Upper	
64	100		
66	32.6	20.6	38.2



Trichlorofluoromethane
 Concen: 19.862 ug/L
 RT: 3.251 min Scan# 221
 Delta R.T. -0.000 min
 Lab File: VW023551.D
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Tgt Ion:	101	Resp:	46302
Ion Ratio	Lower	Upper	
101	100		
103	66.2	53.2	79.8

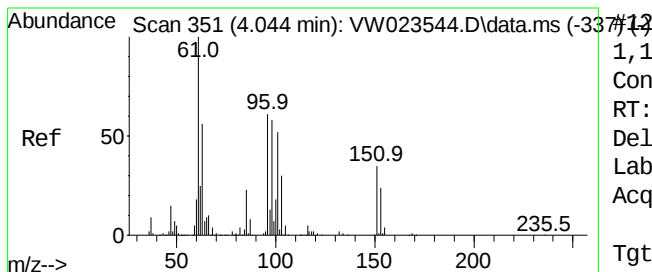
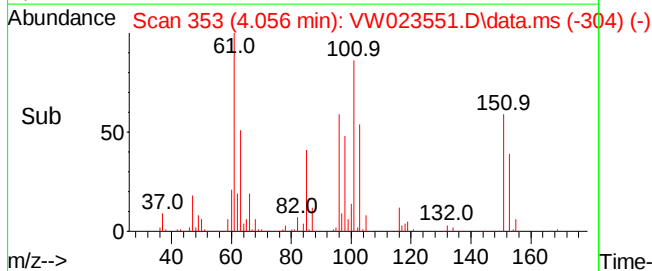
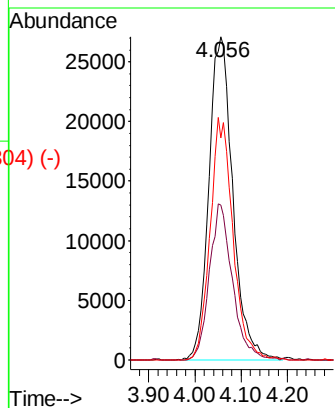
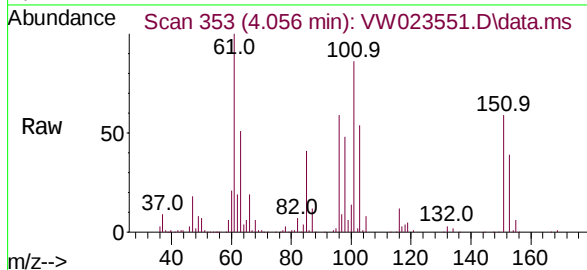




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.822 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.000 min
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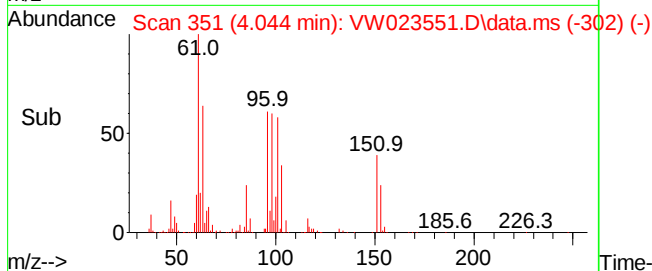
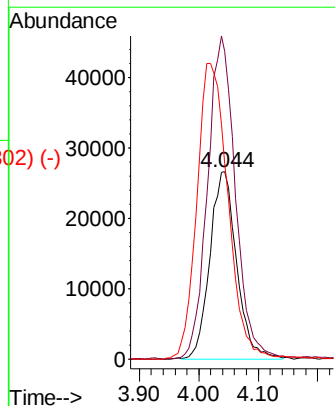
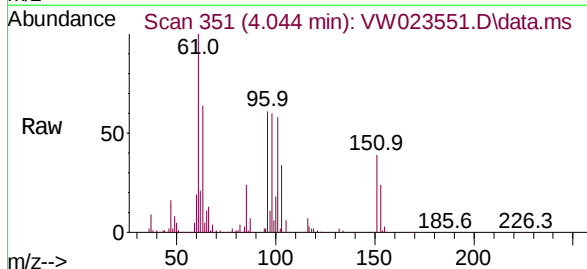
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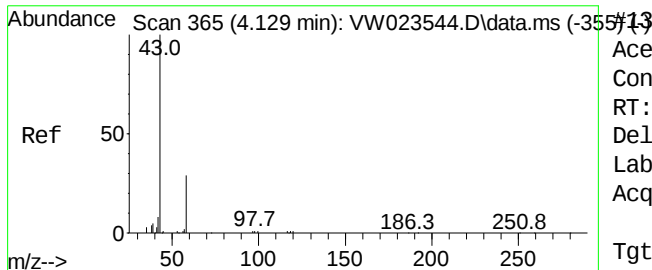
Tgt Ion:	101	Resp:	97439
Ion	Ratio	Lower	Upper
101	100		
85	46.2	37.0	55.4
151	71.3	54.6	81.8



1,1-Dichloroethene
 Concen: 26.566 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW023551.D
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Tgt Ion:	96	Resp:	83392
Ion	Ratio	Lower	Upper
96	100		
61	164.1	122.0	226.6
63	104.3	83.0	154.2





Acetone

Concen: 47.151 ug/L

RT: 4.129 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

Instrument :

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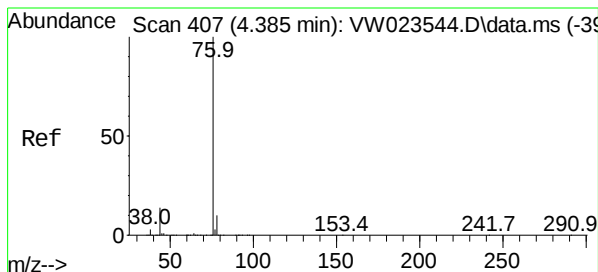
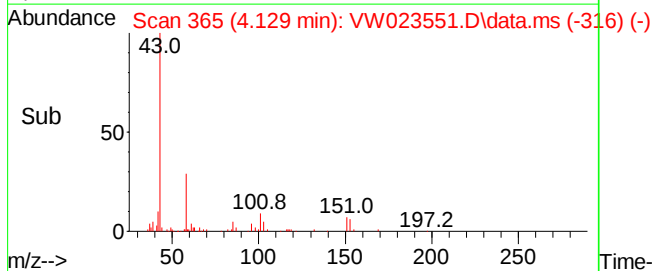
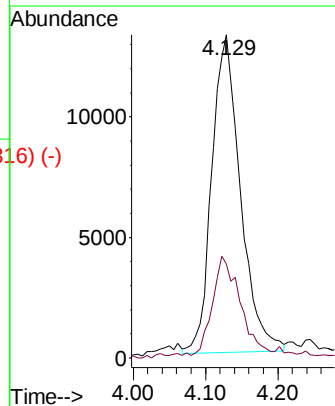
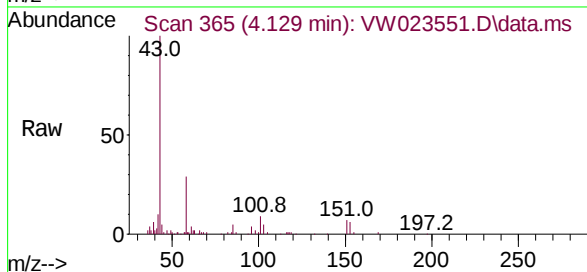
ClientSampleId :

Tgt Ion: 43 Resp: 36342

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.2



Carbon disulfide

Concen: 30.368 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

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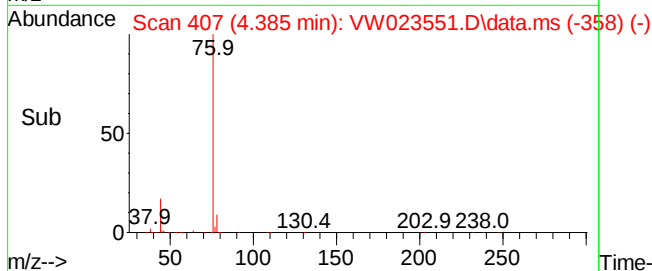
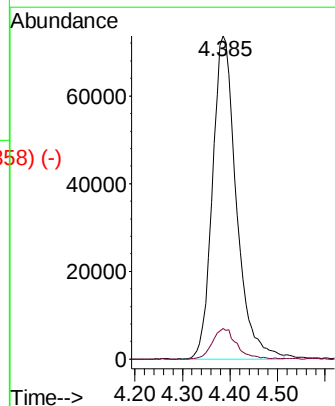
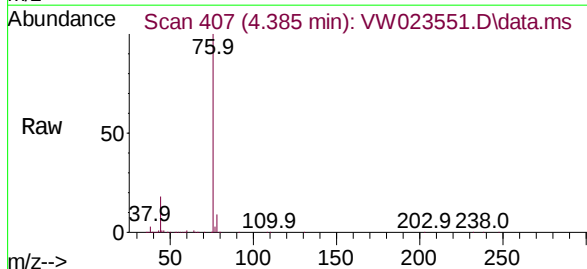
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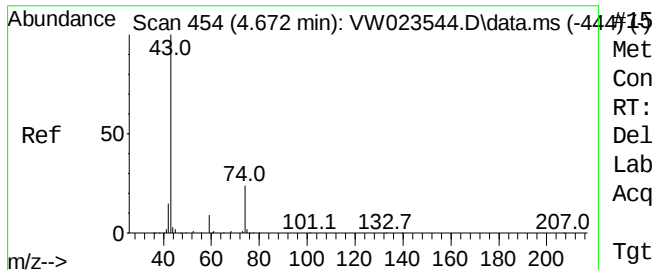
Tgt Ion: 76 Resp: 257127

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2





Methyl Acetate

Concen: 27.281 ug/L

RT: 4.678 min Scan# 415

Delta R.T. 0.006 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

Instrument :

MSVOA_W

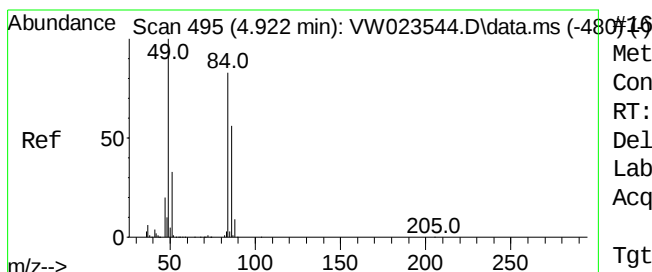
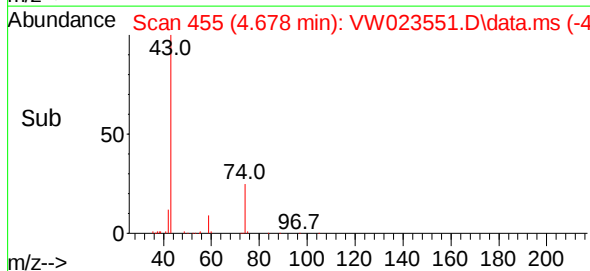
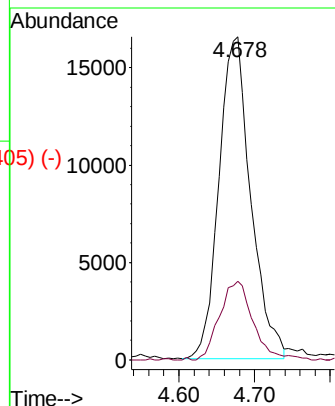
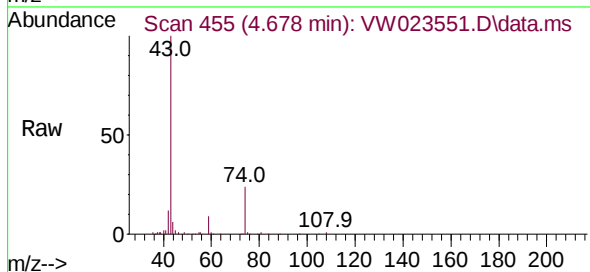
ClientSampleId :

Tgt Ion: 43 Resp: 48174

Ion Ratio Lower Upper

43 100

74 25.1 20.4 30.6



Methylene chloride

Concen: 22.998 ug/L

RT: 4.921 min Scan# 495

Delta R.T. -0.000 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

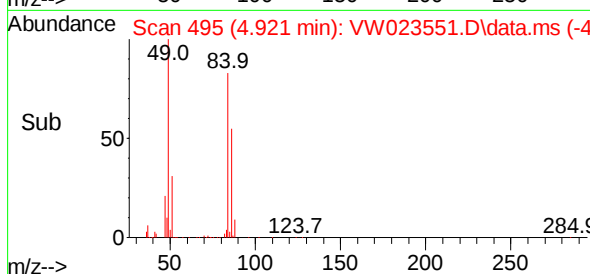
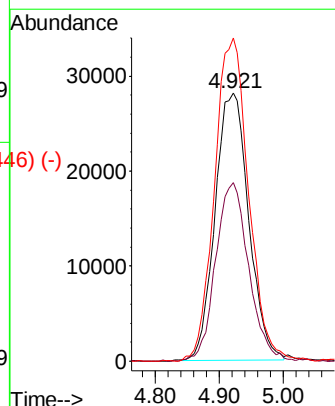
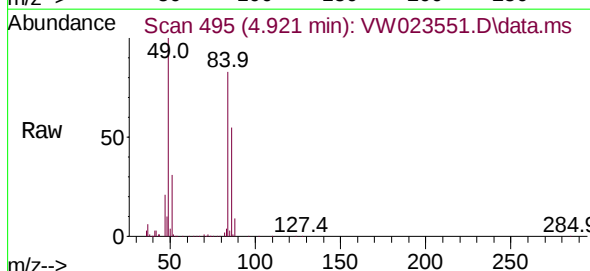
Tgt Ion: 84 Resp: 102476

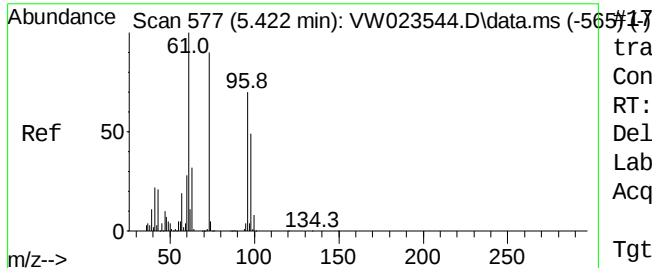
Ion Ratio Lower Upper

84 100

86 66.6 44.9 83.3

49 120.4 87.6 162.6

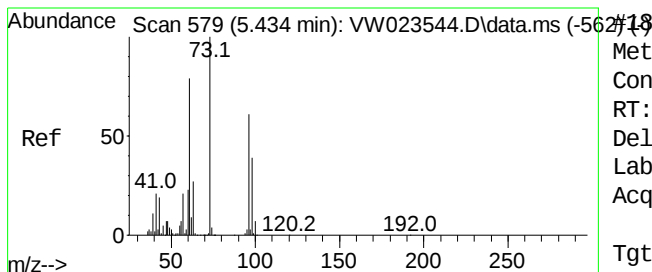
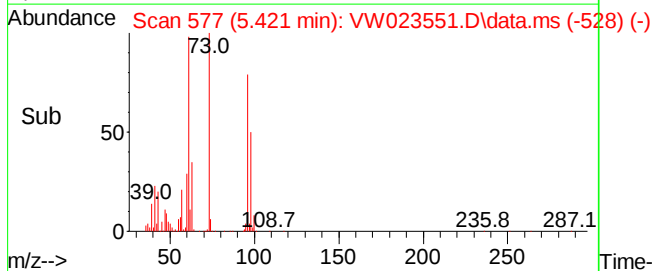
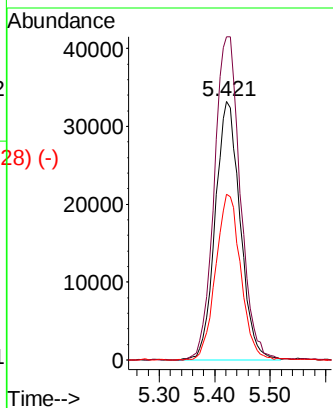
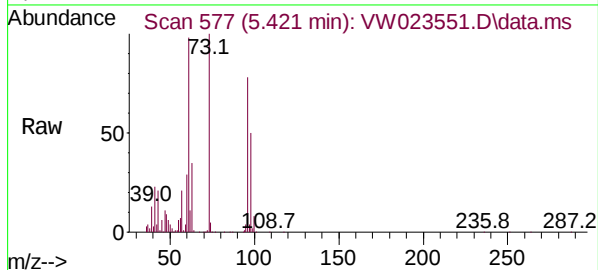




trans-1,2-Dichloroethene
Concen: 26.092 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

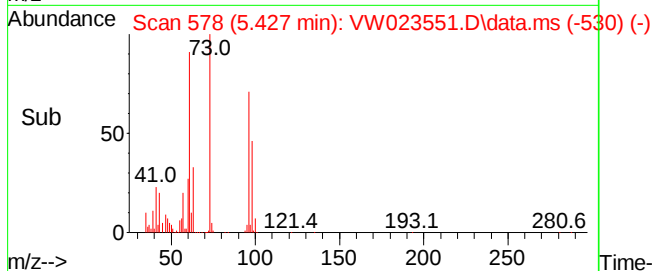
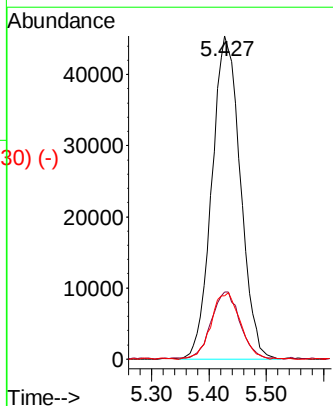
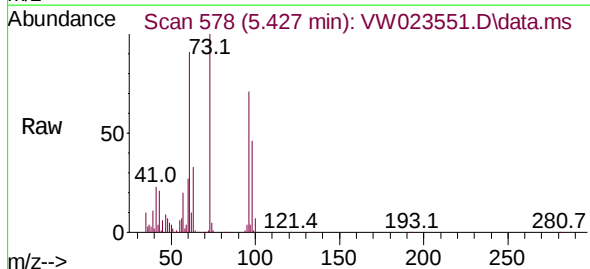
Instrument :
MSVOA_W
ClientSampleId :

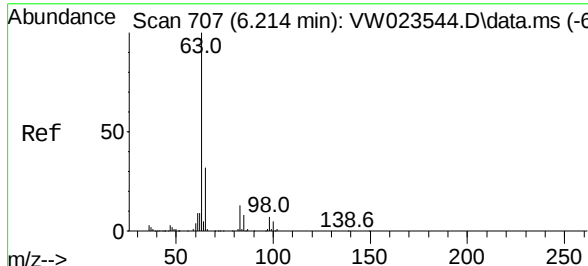
Tgt Ion:	96	Resp:	103366
Ion	Ratio	Lower	Upper
96	100		
61	124.9	92.3	171.5
98	64.0	45.5	84.5



Methyl tert-butyl Ether
Concen: 26.855 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:	73	Resp:	156026
Ion	Ratio	Lower	Upper
73	100		
43	20.5	16.2	24.2
57	21.1	16.9	25.3

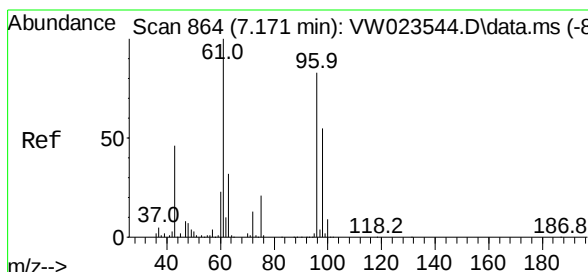
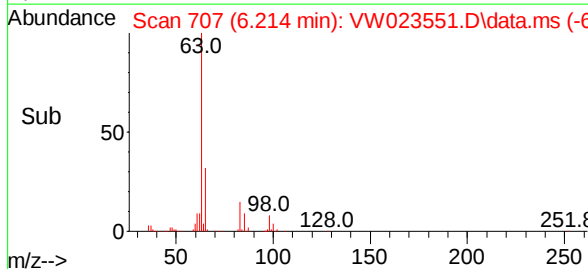
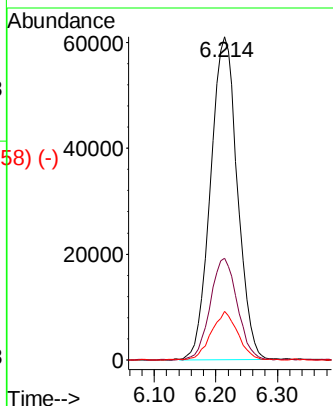
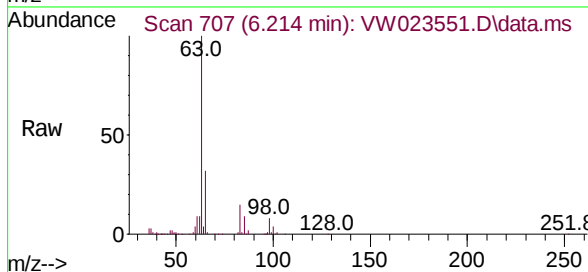




#19
 1,1-Dichloroethane
 Concen: 26.372 ug/L
 RT: 6.214 min Scan#
 Delta R.T. -0.000 min
 Lab File: VW023551.D
 Acq: 30 Jun 2022 17:32

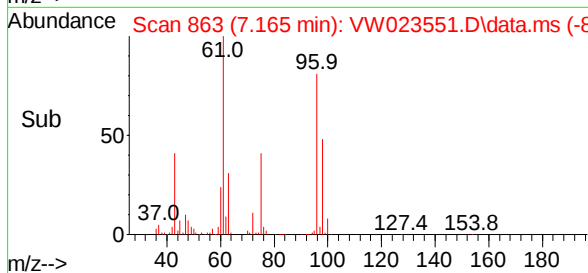
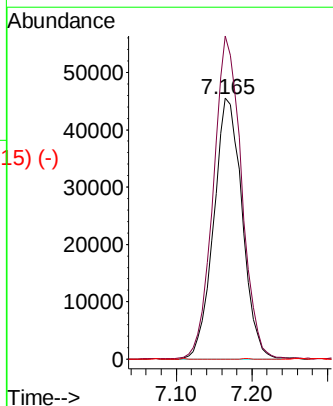
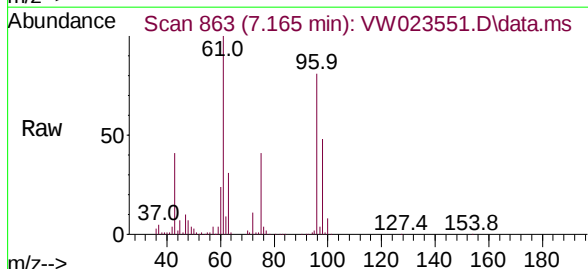
Instrument :
 MSVOA_W
 ClientSampleId :

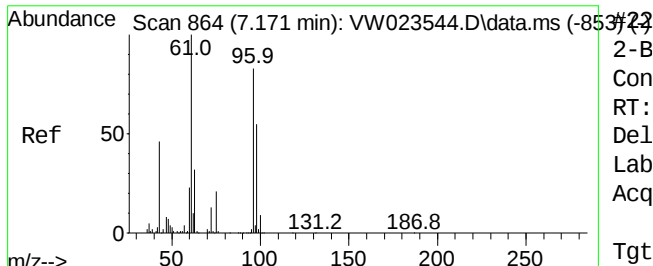
Tgt Ion:	63	Resp:	184258
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.3	41.3
83	15.1	9.8	18.2



#20
 cis-1,2-Dichloroethene
 Concen: 27.543 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW023551.D
 Acq: 30 Jun 2022 17:32

Tgt Ion:	96	Resp:	118913
Ion	Ratio	Lower	Upper
96	100		
61	123.8	83.2	154.6
68	0.0	0.0	0.0





2-Butanone

Concen: 54.817 ug/L

RT: 7.177 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

Instrument :

MSVOA_W

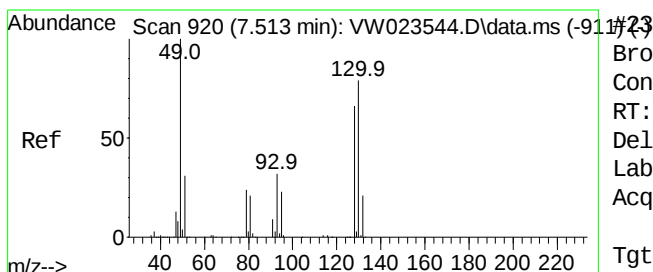
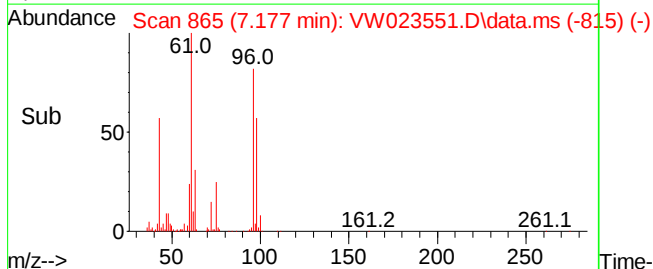
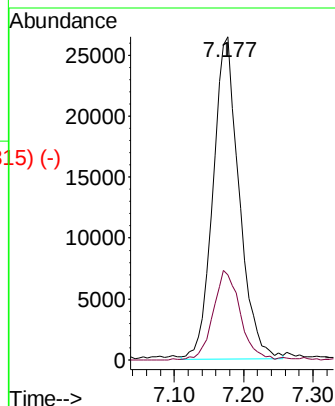
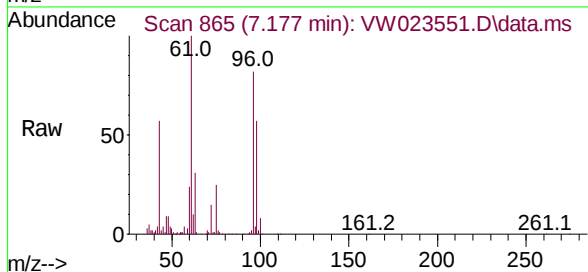
ClientSampleId :

Tgt Ion: 43 Resp: 69078

Ion Ratio Lower Upper

43 100

72 28.3 15.4 46.1



Bromochloromethane

Concen: 27.742 ug/L

RT: 7.512 min Scan# 920

Delta R.T. -0.000 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

Tgt Ion:128 Resp: 59280

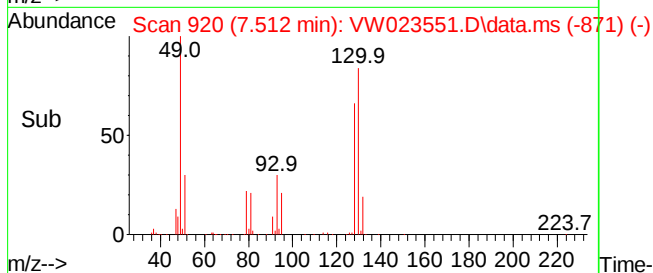
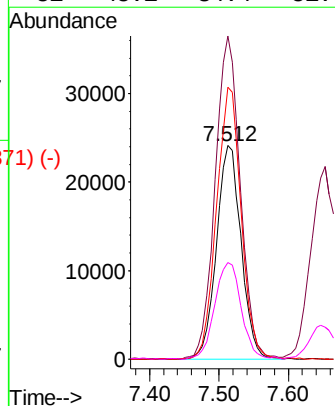
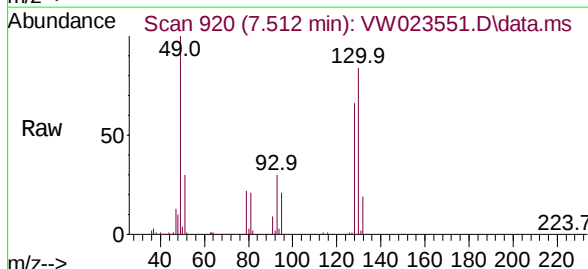
Ion Ratio Lower Upper

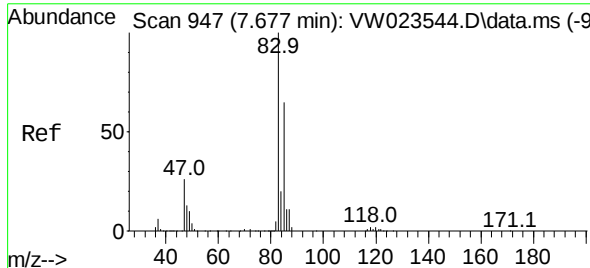
128 100

49 151.3 105.8 196.6

130 127.3 87.6 162.8

51 45.1 34.4 51.6





Chloroform

Concen: 27.386 ug/L

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

Instrument :

MSVOA_W

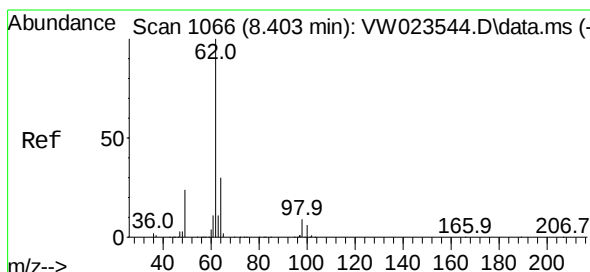
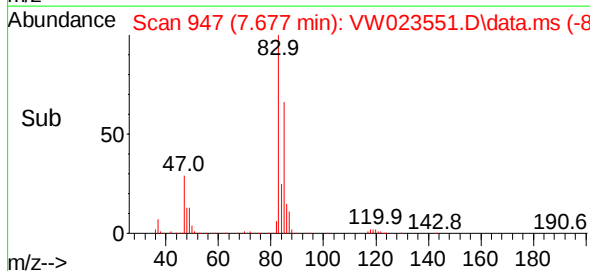
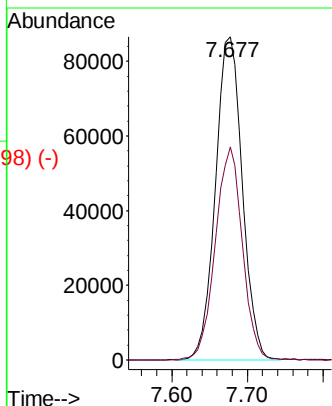
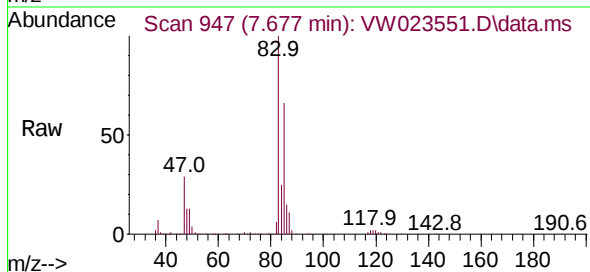
ClientSampleId :

Tgt Ion: 83 Resp: 213590

Ion Ratio Lower Upper

83 100

85 65.9 47.0 87.4



1,2-Dichloroethane

Concen: 27.919 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW023551.D

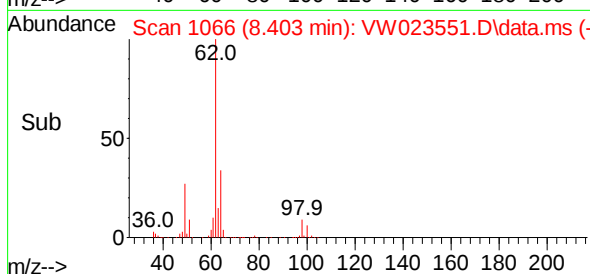
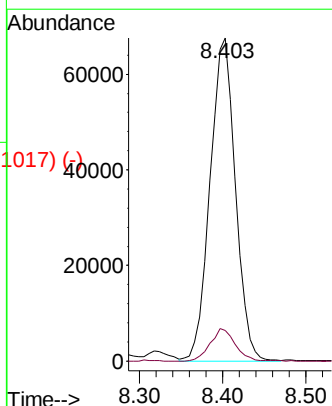
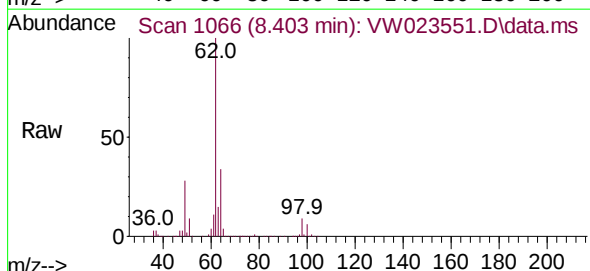
Acq: 30 Jun 2022 17:32

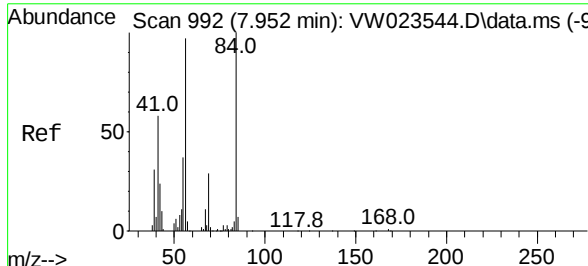
Tgt Ion: 62 Resp: 143958

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0

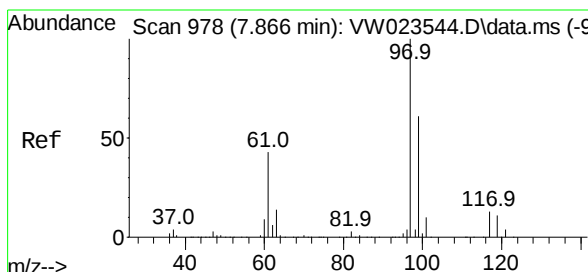
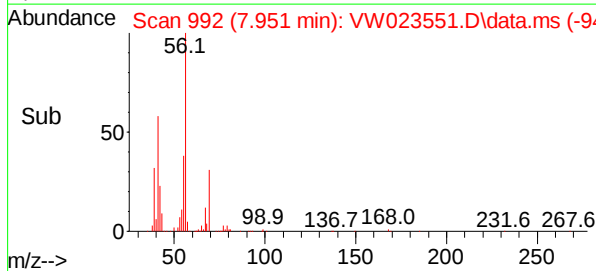
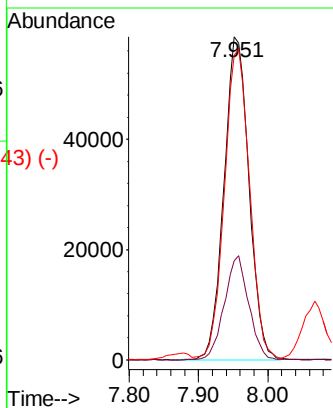
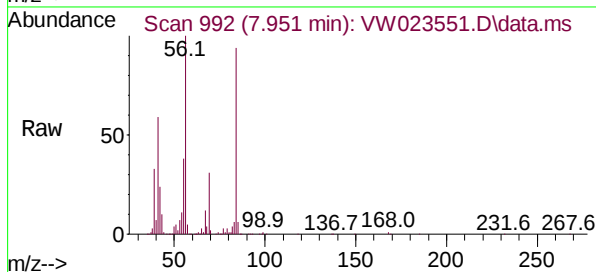




#29
Cyclohexane
Concen: 25.100 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

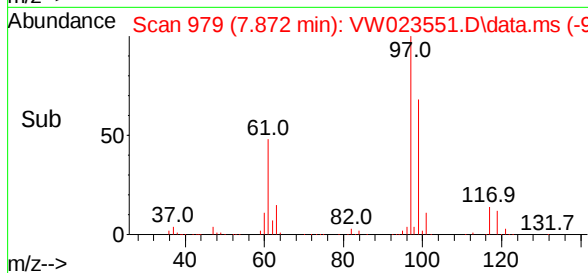
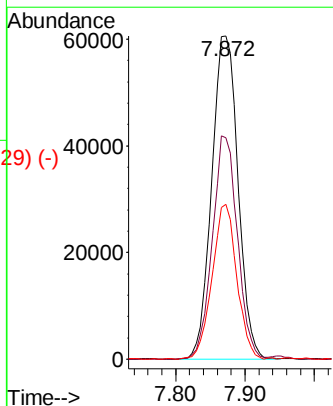
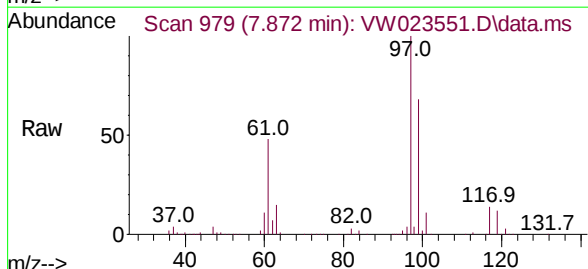
Instrument :
MSVOA_W
ClientSampleId :

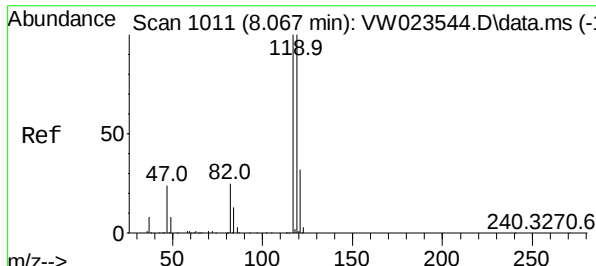
Tgt Ion:	56	Resp:	146767
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.6	38.4
84	96.8	77.0	115.6



#30
1,1,1-Trichloroethane
Concen: 23.817 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:	97	Resp:	159748
Ion	Ratio	Lower	Upper
97	100		
99	65.8	50.8	76.2
61	44.8	35.8	53.8

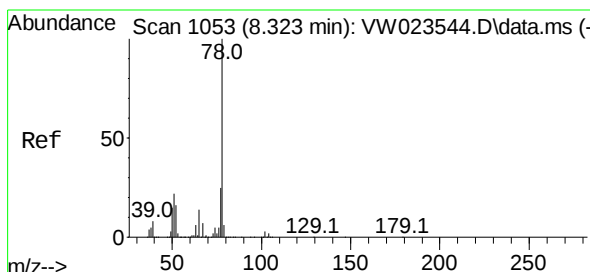
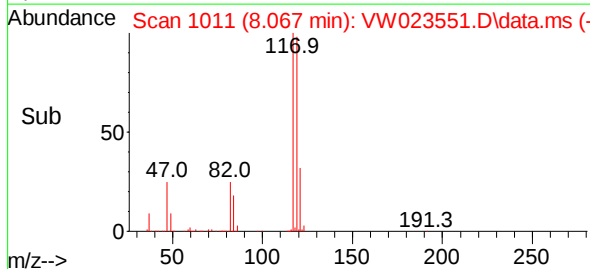
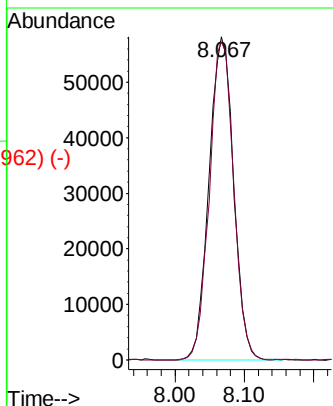
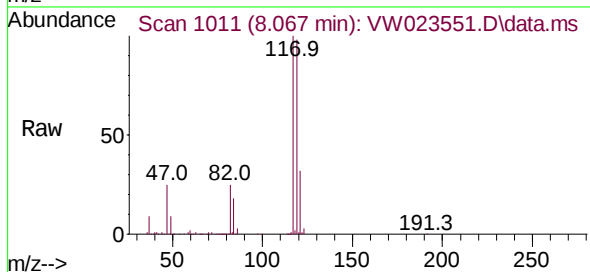




Carbon tetrachloride
Concen: 23.560 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

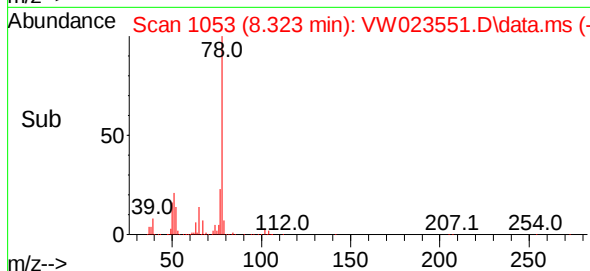
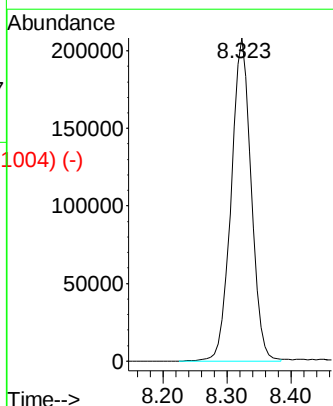
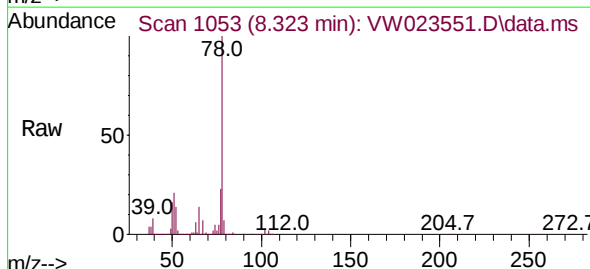
Instrument :
MSVOA_W
ClientSampleId :

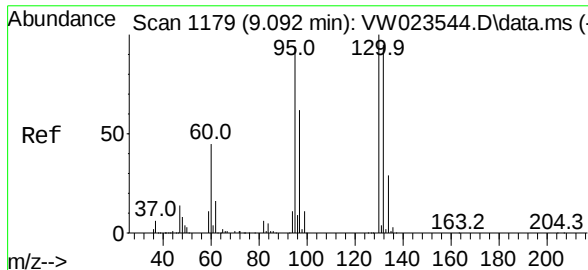
Tgt Ion:117 Resp: 142847
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1



Benzene
Concen: 26.066 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion: 78 Resp: 453495

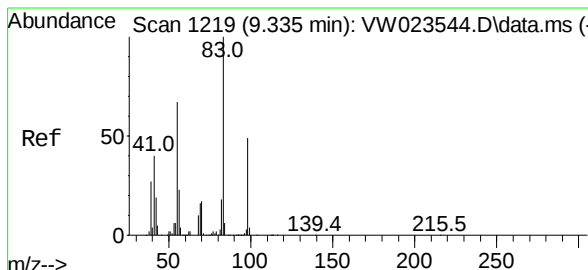
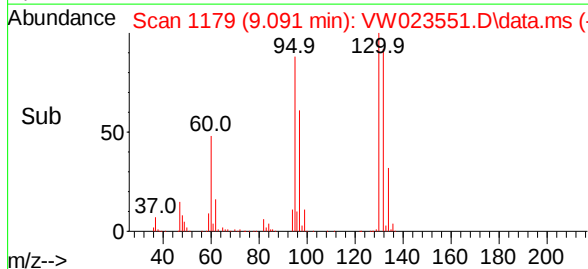
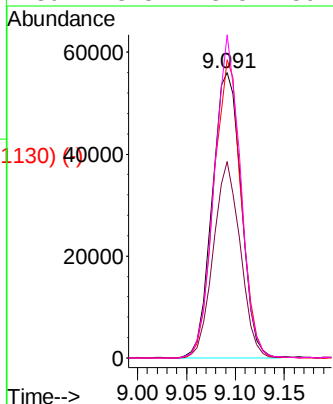
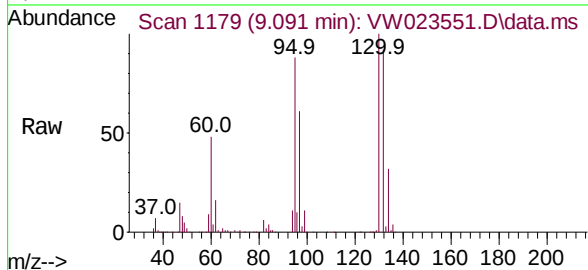




#134 (-)
Trichloroethene
Concen: 24.675 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

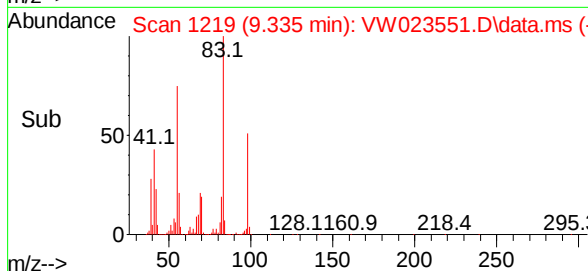
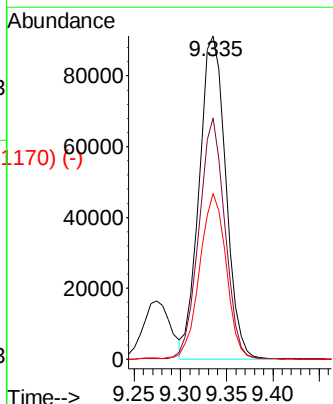
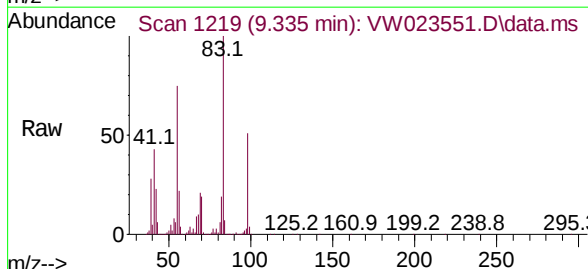
Instrument :
MSVOA_W
ClientSampleId :

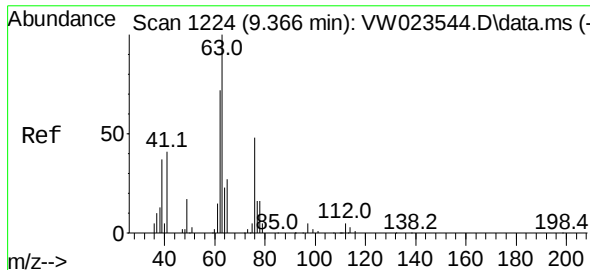
Tgt Ion:	95	Resp:	115016
Ion	Ratio	Lower	Upper
95	100		
97	69.0	47.5	88.1
132	104.7	68.9	127.9
130	113.3	73.5	136.5



#135 (-)
Methylcyclohexane
Concen: 24.885 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:	83	Resp:	182523
Ion	Ratio	Lower	Upper
83	100		
55	72.4	57.0	85.6
98	51.1	40.2	60.4





1,2-Dichloropropane

Concen: 26.613 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

Instrument :

MSVOA_W

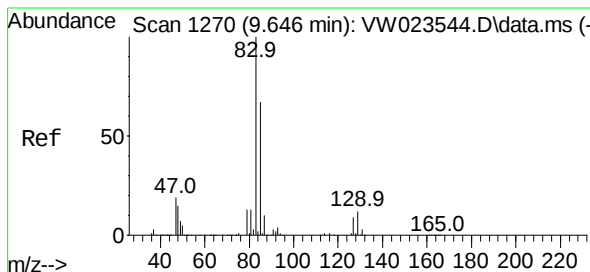
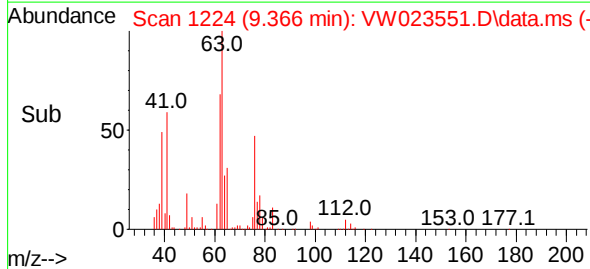
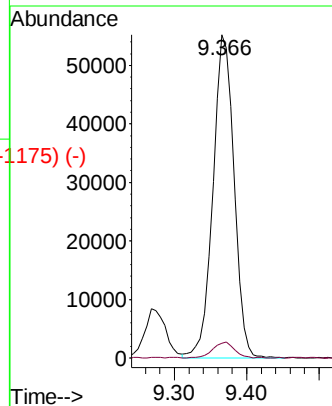
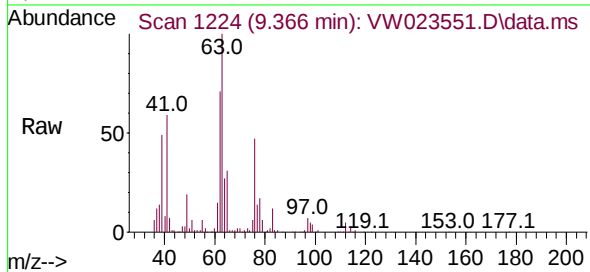
ClientSampleId :

Tgt Ion: 63 Resp: 111994

Ion Ratio Lower Upper

63 100

112 5.0 4.1 6.1



Bromodichloromethane

Concen: 26.193 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

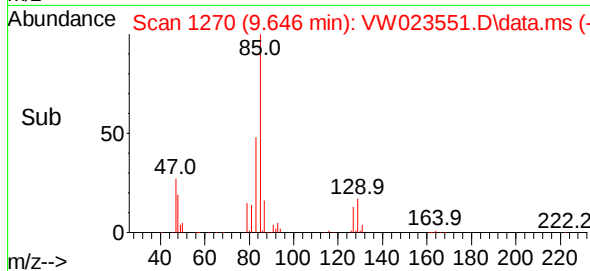
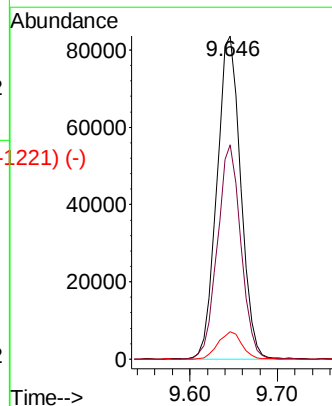
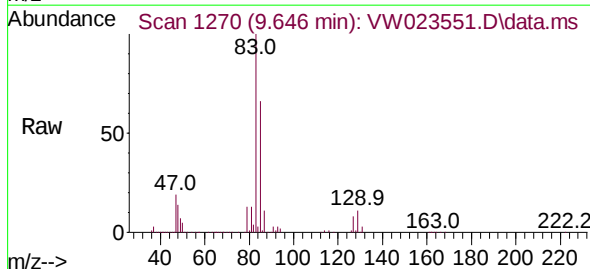
Tgt Ion: 83 Resp: 157809

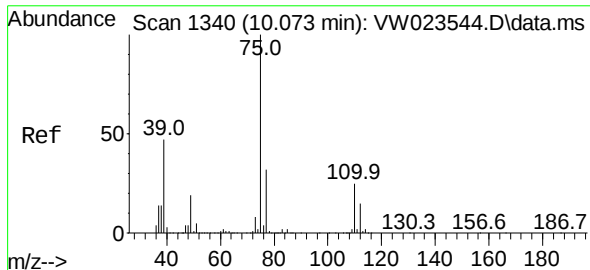
Ion Ratio Lower Upper

83 100

85 66.3 44.2 82.0

127 8.4 6.6 10.0

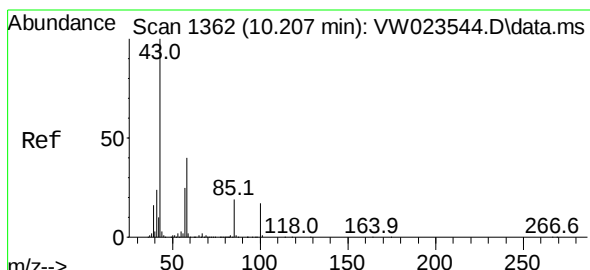
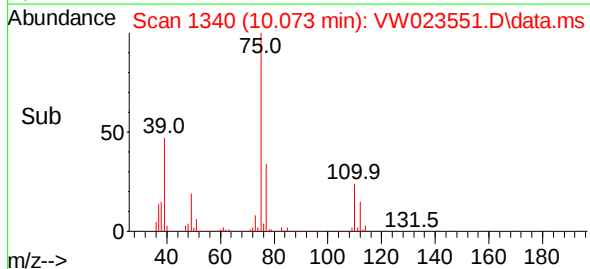
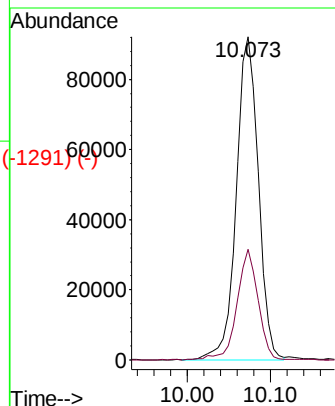
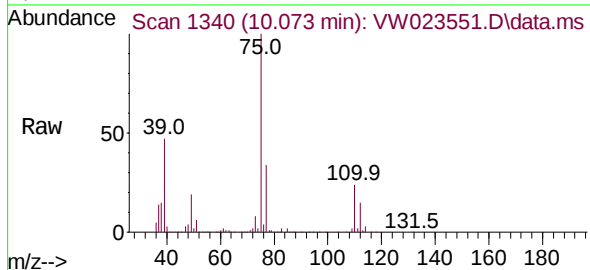




cis-1,3-Dichloropropene
Concen: 26.043 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

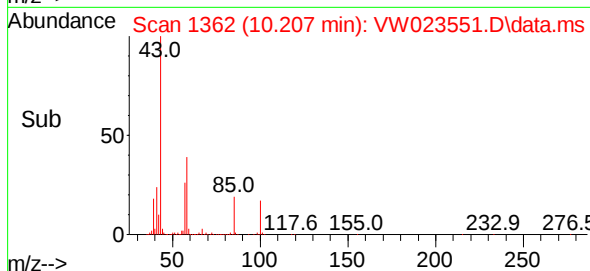
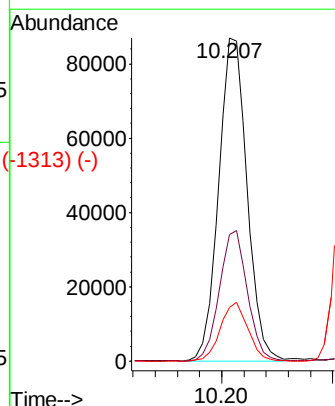
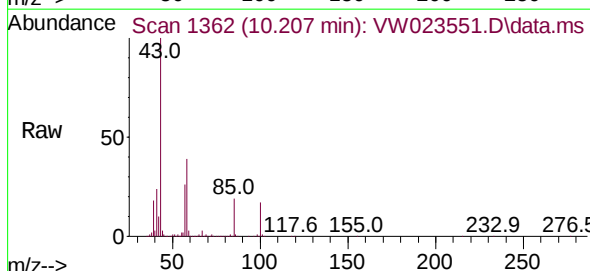
Instrument :
MSVOA_W
ClientSampleId :

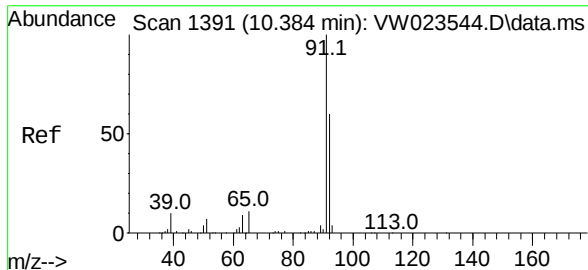
Tgt Ion: 75 Resp: 169704
Ion Ratio Lower Upper
75 100
77 34.2 23.0 42.6



4-Methyl-2-pentanone
Concen: 56.001 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion: 43 Resp: 154452
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.8
100 17.7 14.0 21.0

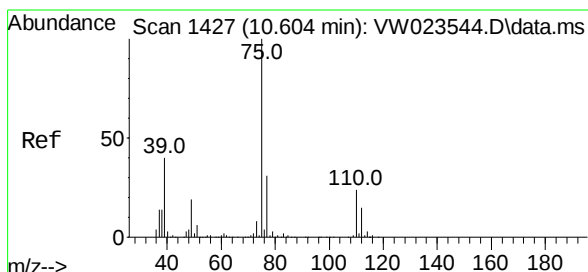
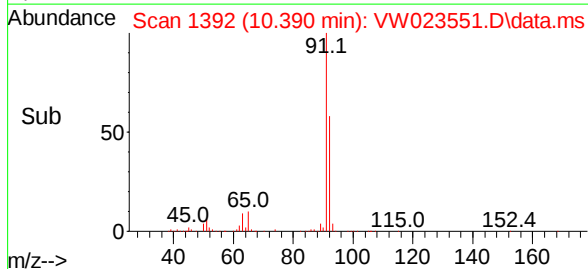
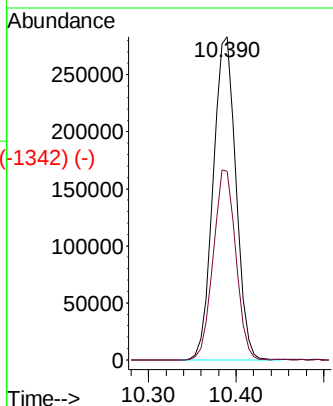
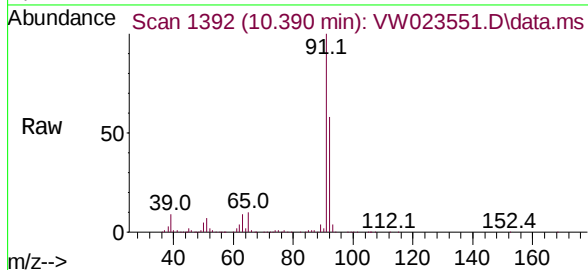




Scan 1391 (10.384 min): VW023544.D\data.ms (-1342) (-)
 Toluene
 Concen: 26.514 ug/L
 RT: 10.390 min Scan# 1391
 Delta R.T. 0.006 min
 Lab File: VW023551.D
 Acq: 30 Jun 2022 17:32

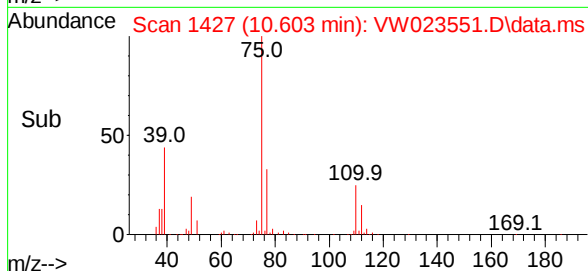
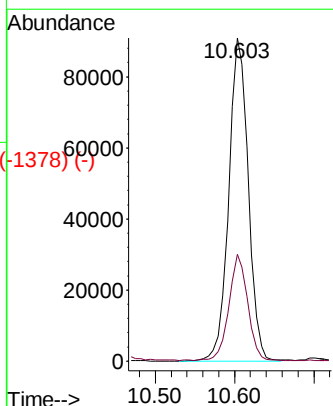
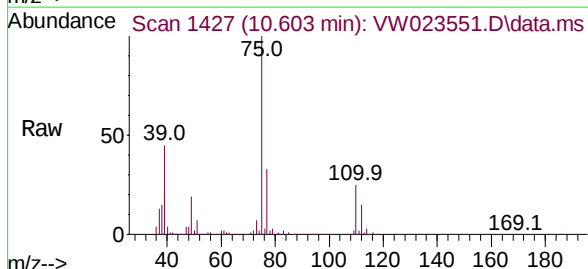
Instrument :
 MSVOA_W
 ClientSampleId :

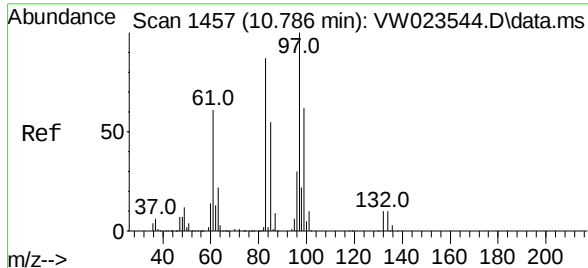
Tgt Ion: 91 Resp: 510217
 Ion Ratio Lower Upper
 91 100
 92 58.4 41.2 76.4



Scan 1427 (10.604 min): VW023544.D\data.ms (-1444) (-)
 trans-1,3-Dichloropropene
 Concen: 25.816 ug/L
 RT: 10.603 min Scan# 1427
 Delta R.T. -0.000 min
 Lab File: VW023551.D
 Acq: 30 Jun 2022 17:32

Tgt Ion: 75 Resp: 155485
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.9 42.5

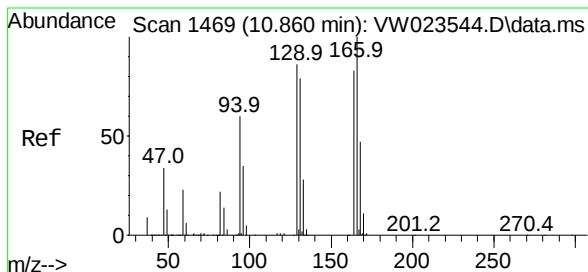
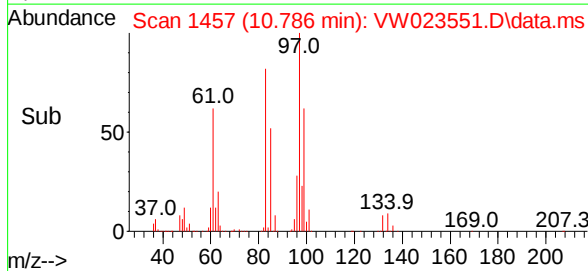
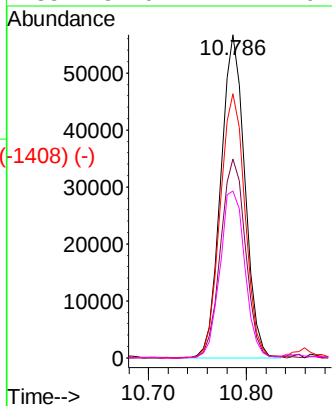
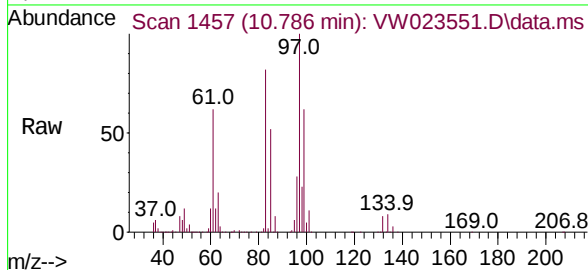




1,1,2-Trichloroethane
Concen: 27.067 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

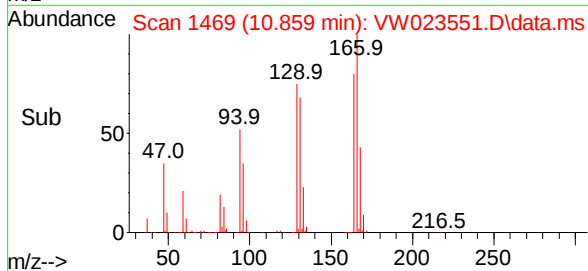
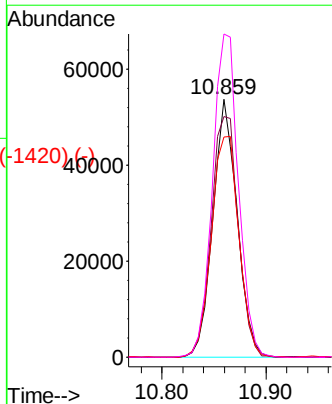
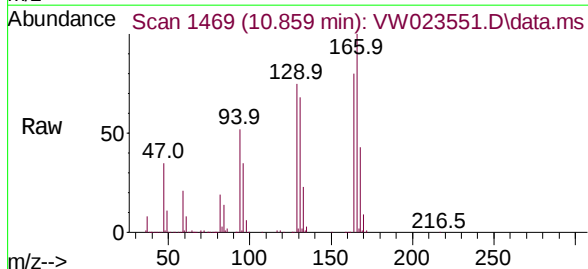
Instrument :
MSVOA_W
ClientSampleId :

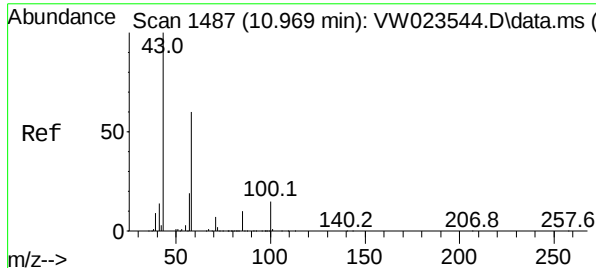
Tgt Ion:	97	Resp:	96848
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.9	81.5
83	81.7	59.8	111.0
85	51.6	41.1	76.3



Tetrachloroethene
Concen: 23.375 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:	164	Resp:	87630
Ion	Ratio	Lower	Upper
164	100		
129	93.4	71.3	132.3
131	85.4	67.0	124.4
166	125.3	90.2	167.6

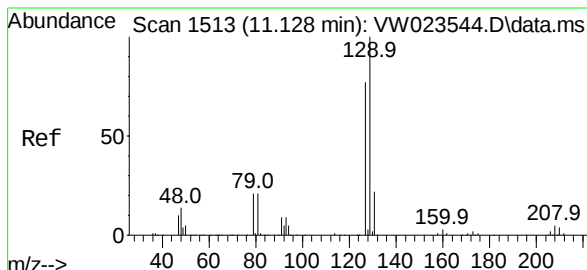
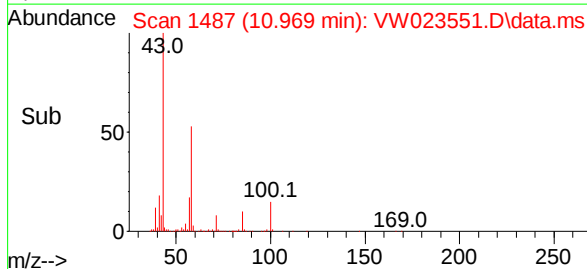
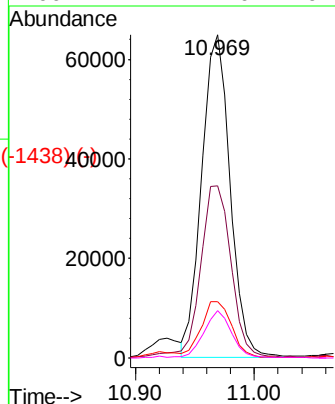
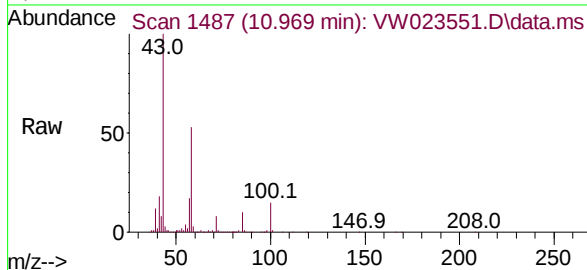




2-Hexanone
Concen: 56.897 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

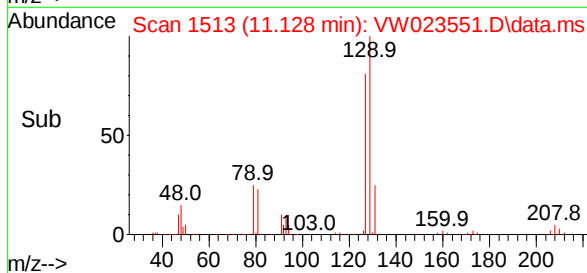
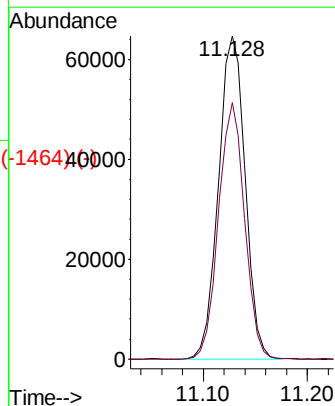
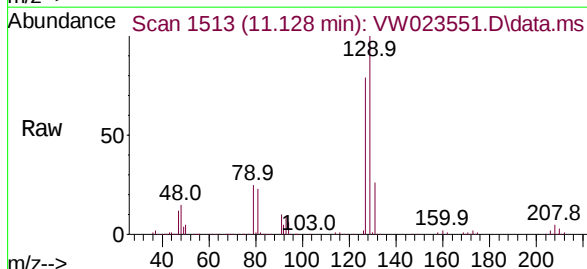
Instrument :
MSVOA_W
ClientSampleId :

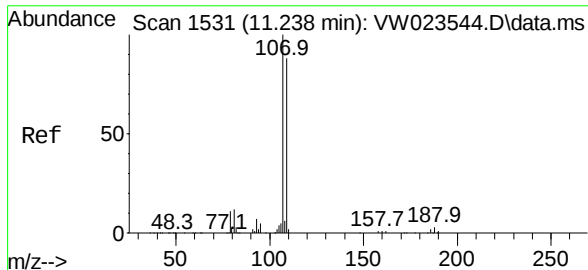
Tgt Ion:	43	Resp:	107783
Ion	Ratio	Lower	Upper
43	100		
58	55.7	43.7	65.5
57	18.8	15.7	23.5
100	14.4	11.0	16.4



Dibromochloromethane
Concen: 26.593 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:	129	Resp:	116271
Ion	Ratio	Lower	Upper
129	100		
127	79.3	52.7	97.9

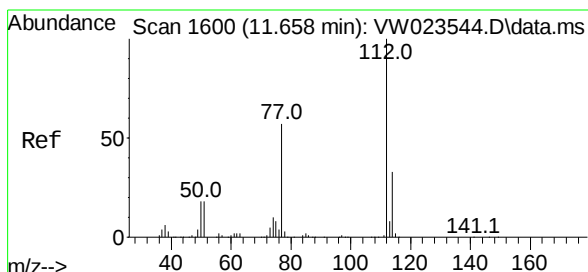
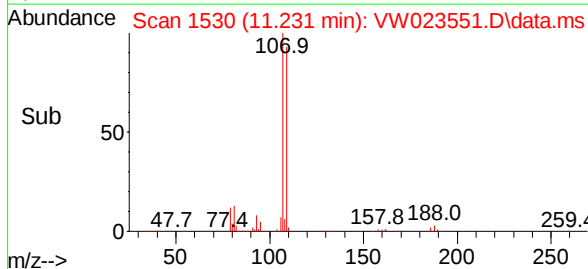
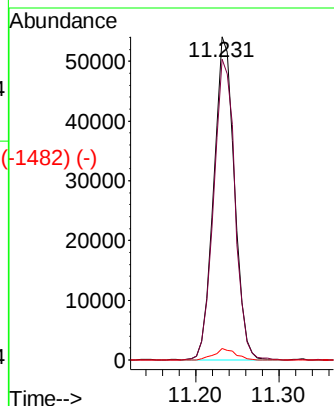
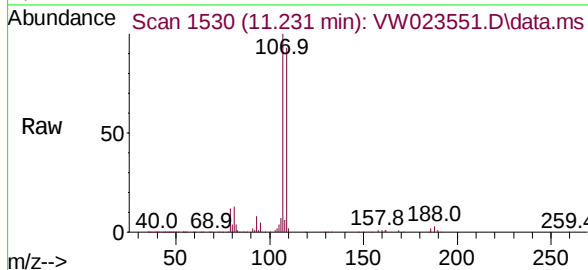




1,2-Dibromoethane
Concen: 26.293 ug/L
RT: 11.231 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

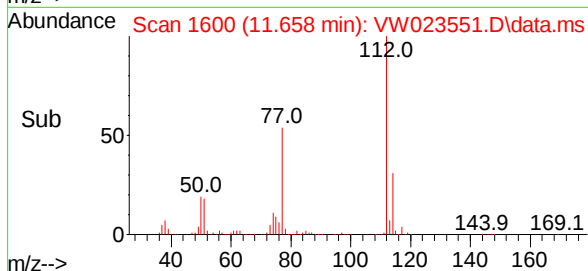
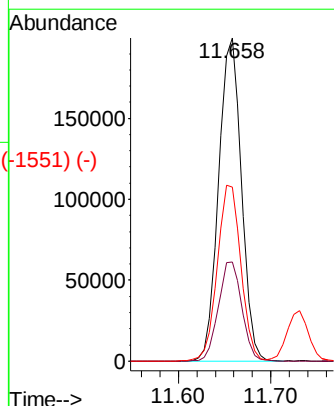
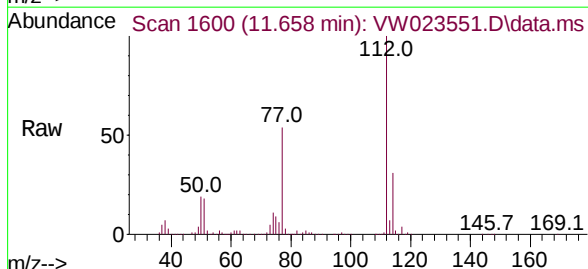
Instrument :
MSVOA_W
ClientSampleId :

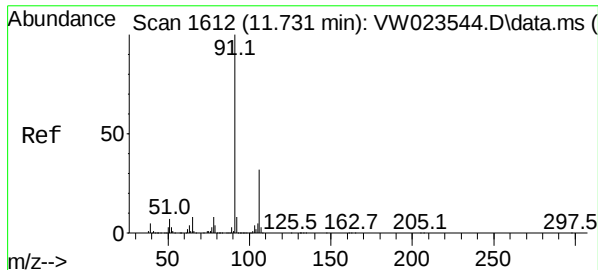
Tgt Ion:	107	Resp:	93745
Ion	Ratio	Lower	Upper
107	100		
109	93.1	67.2	124.8
188	3.5	2.7	4.1



Chlorobenzene
Concen: 25.977 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:	112	Resp:	342050
Ion	Ratio	Lower	Upper
112	100		
114	30.7	23.1	42.9
77	53.9	44.2	66.4

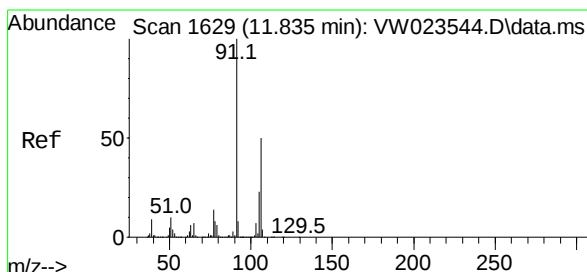
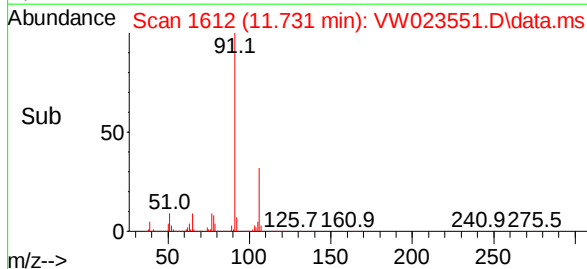
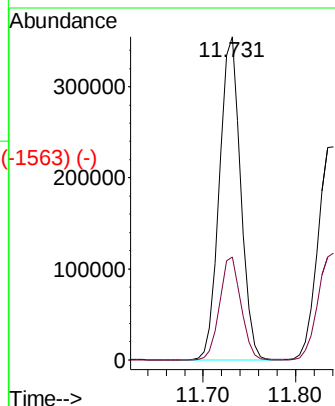
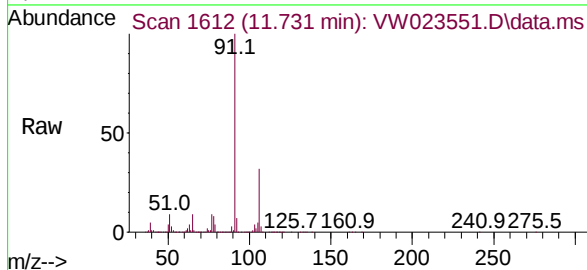




Ethylbenzene
Concen: 26.366 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

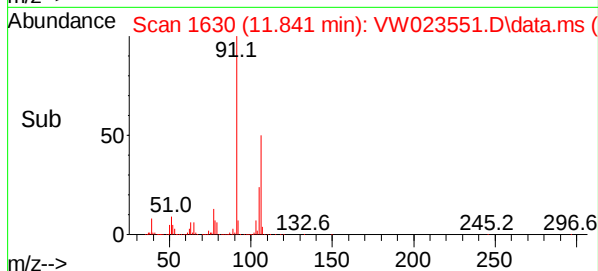
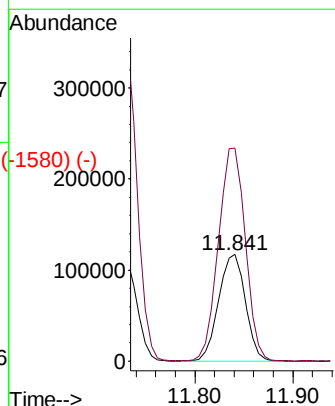
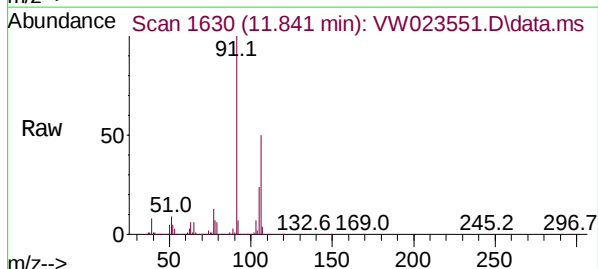
Instrument :
MSVOA_W
ClientSampleId :

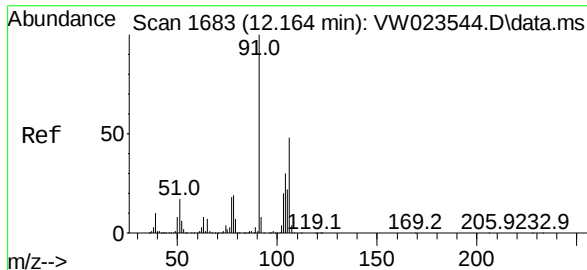
Tgt Ion: 91 Resp: 565916
Ion Ratio Lower Upper
91 100
106 31.9 21.4 39.8



m,p-Xylene
Concen: 26.351 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:106 Resp: 222367
Ion Ratio Lower Upper
106 100
91 199.5 140.8 261.6

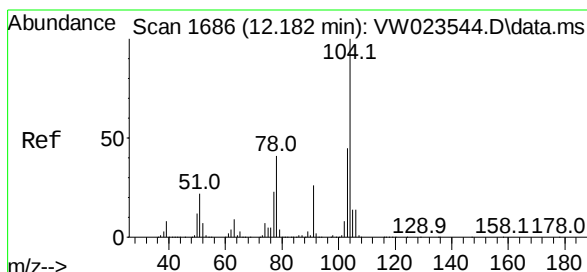
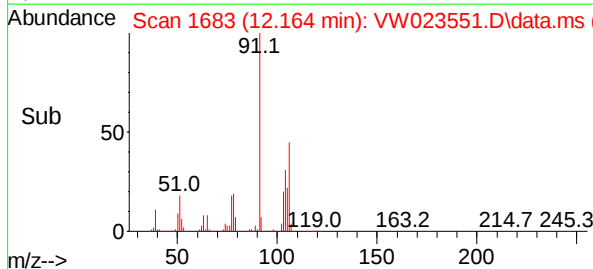
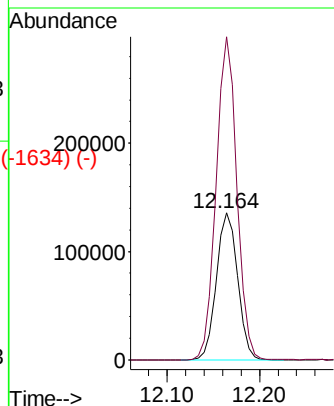
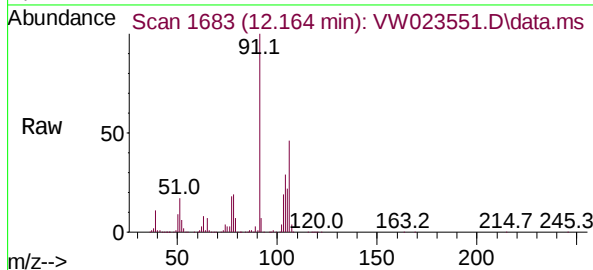




o-Xylene
Concen: 27.201 ug/L
RT: 12.164 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

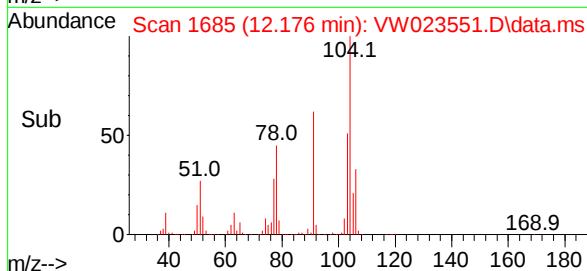
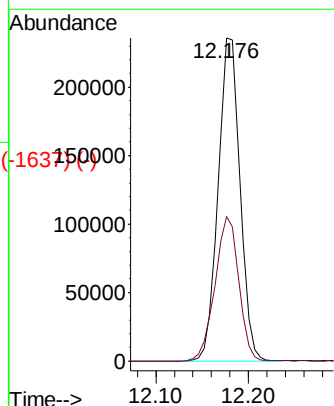
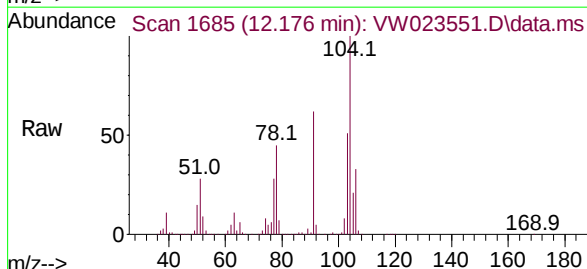
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 216809
Ion Ratio Lower Upper
106 100
91 219.4 149.3 277.3



Styrene
Concen: 27.932 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

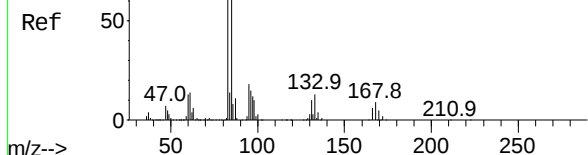
Tgt Ion:104 Resp: 389107
Ion Ratio Lower Upper
104 100
78 44.7 32.3 59.9



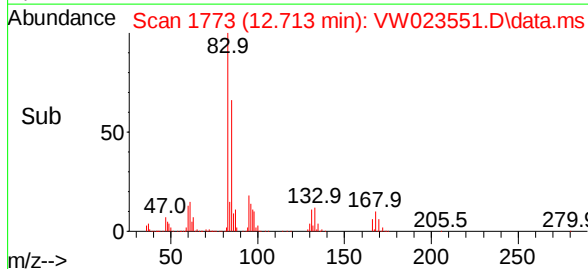
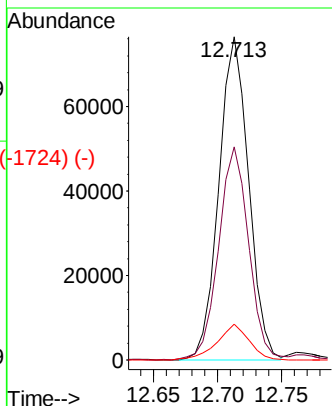
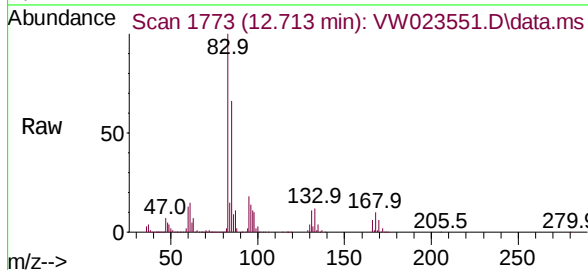
Abundance Scan 1773 (12.713 min): VW023544.D\data.ms (-1754) (-)

1,1,2,2-Tetrachloroethane
Concen: 26.784 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Instrument :
MSVOA_W
ClientSampleId :



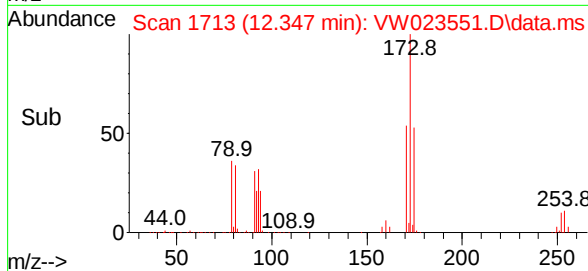
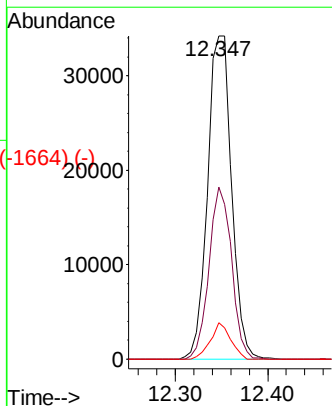
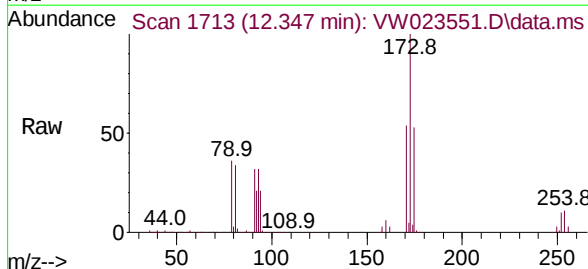
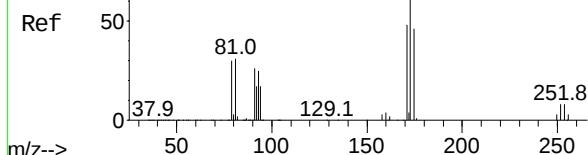
Tgt Ion:	83	Resp:	123256
Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.0	81.6
131	11.0	8.5	12.7

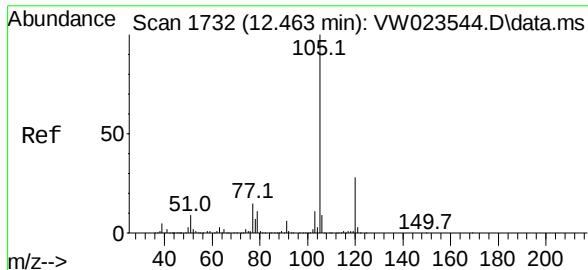


Abundance Scan 1713 (12.347 min): VW023544.D\data.ms (-1750) (-)

Bromoform
Concen: 25.039 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:	173	Resp:	61663
Ion	Ratio	Lower	Upper
173	100		
175	49.9	37.9	56.9
254	9.5	7.0	10.4





Isopropylbenzene

Concen: 26.157 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

Instrument :

MSVOA_W

ClientSampleId :

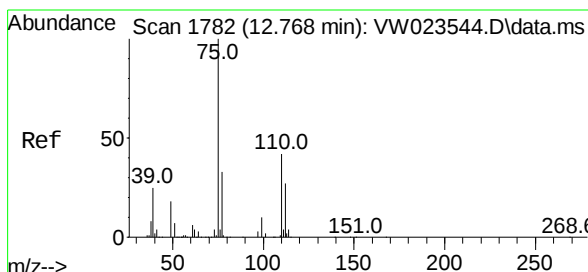
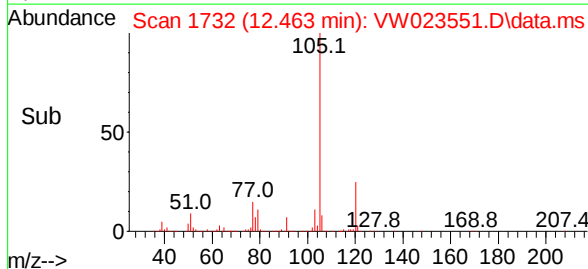
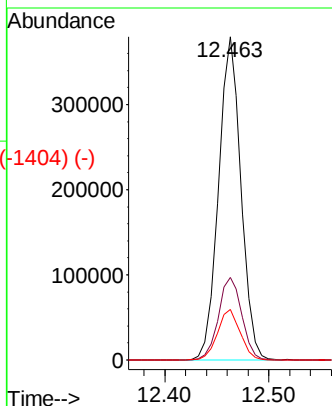
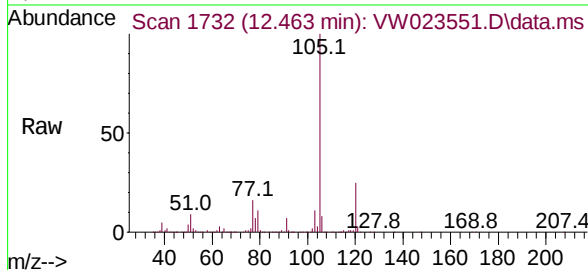
Tgt Ion:105 Resp: 572748

Ion Ratio Lower Upper

105 100

120 26.4 21.3 31.9

77 15.8 12.4 18.6



1,2,3-Trichloropropane

Concen: 26.660 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023551.D

Acq: 30 Jun 2022 17:32

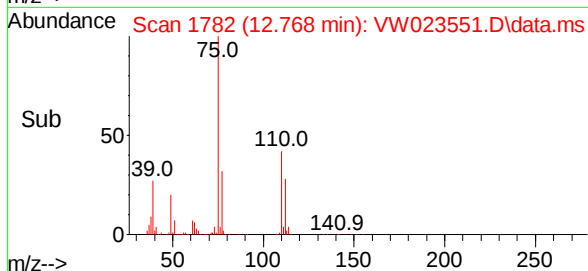
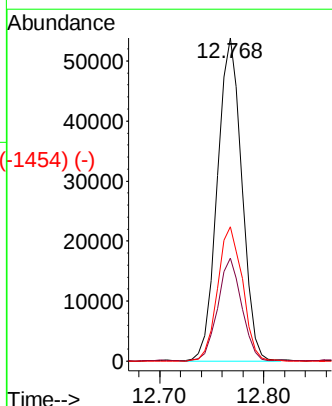
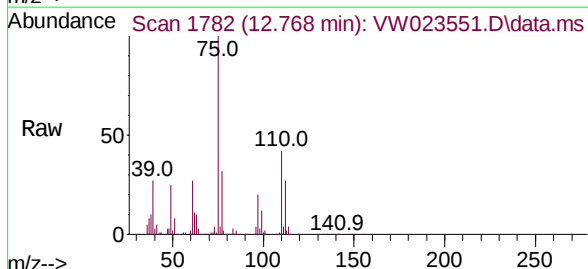
Tgt Ion: 75 Resp: 89135

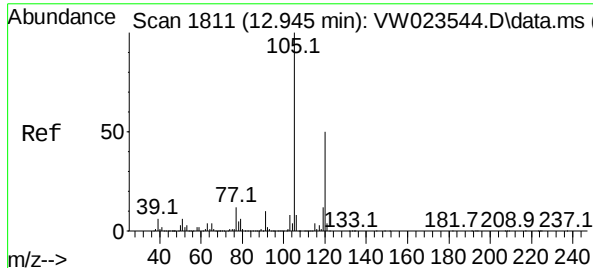
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

110 42.2 34.3 51.5

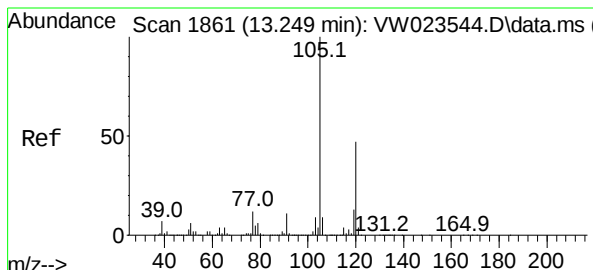
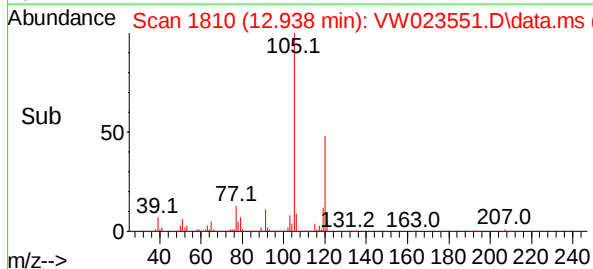
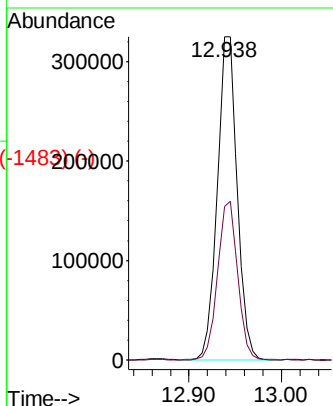
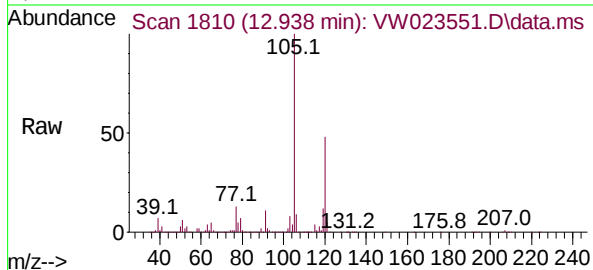




1,3,5-Trimethylbenzene
Concen: 26.674 ug/L
RT: 12.938 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

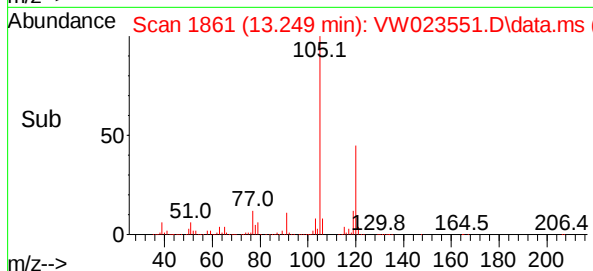
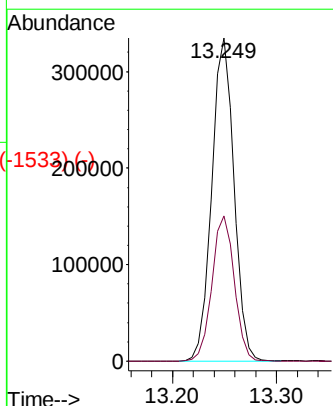
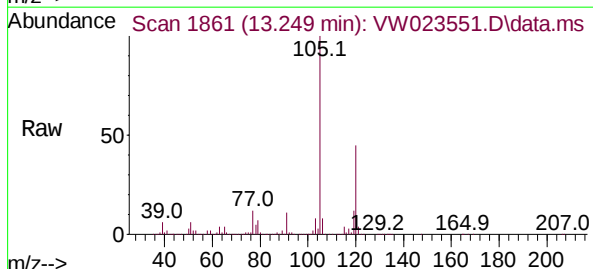
Instrument :
MSVOA_W
ClientSampleId :

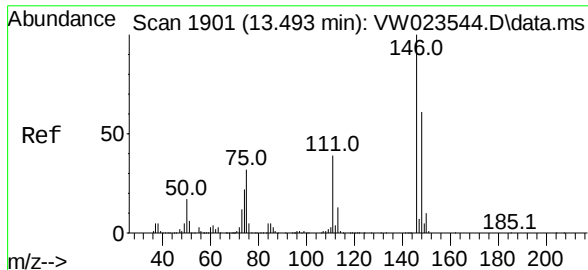
Tgt Ion:105 Resp: 485246
Ion Ratio Lower Upper
105 100
120 49.5 39.7 59.5



1,2,4-Trimethylbenzene
Concen: 27.352 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:105 Resp: 499346
Ion Ratio Lower Upper
105 100
120 45.2 36.9 55.3

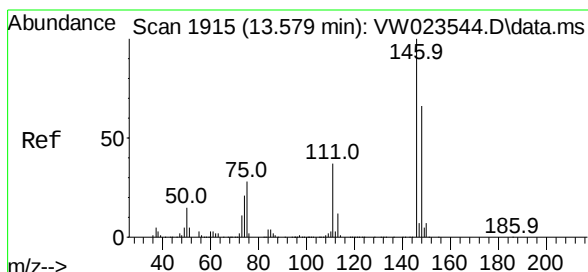
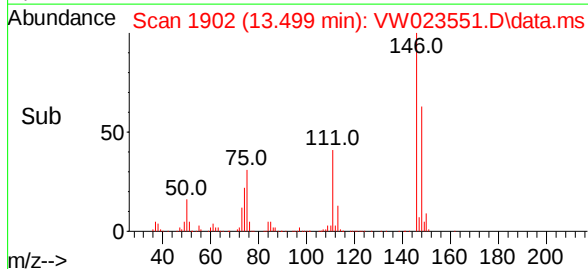
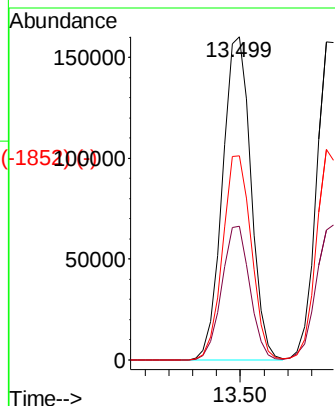
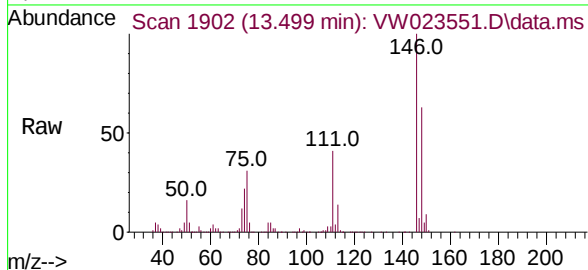




1,3-Dichlorobenzene
Concen: 25.231 ug/L
RT: 13.499 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

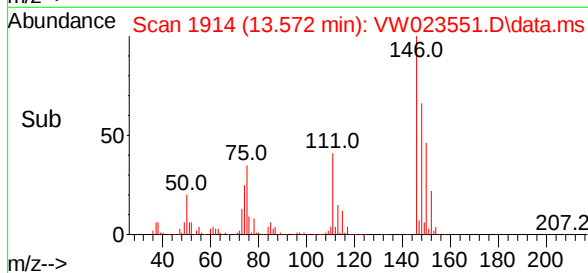
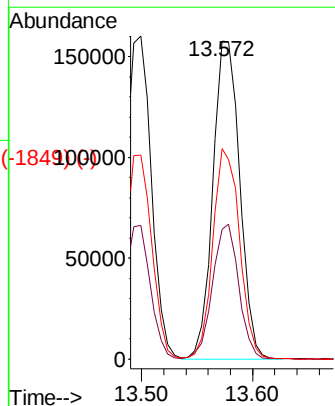
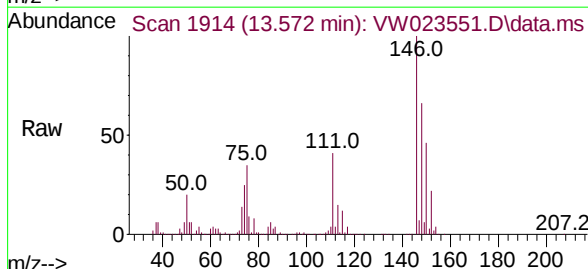
Instrument :
MSVOA_W
ClientSampleId :

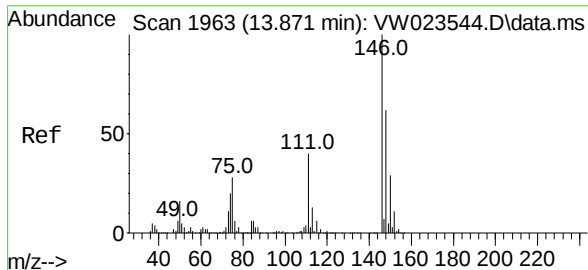
Tgt Ion:	146	Resp:	265526
Ion	Ratio	Lower	Upper
146	100		
111	41.5	26.7	49.7
148	63.2	43.3	80.5



1,4-Dichlorobenzene
Concen: 24.943 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:	146	Resp:	266214
Ion	Ratio	Lower	Upper
146	100		
111	40.7	28.2	52.4
148	66.3	44.4	82.4

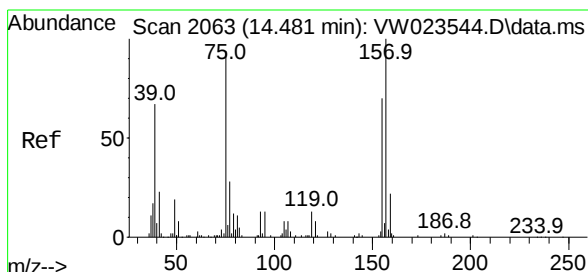
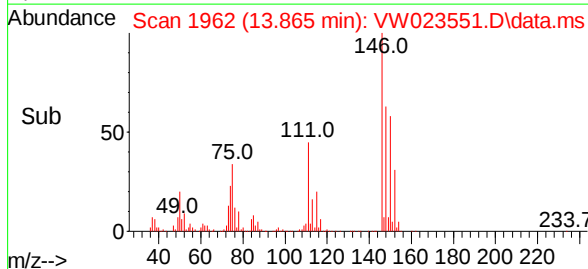
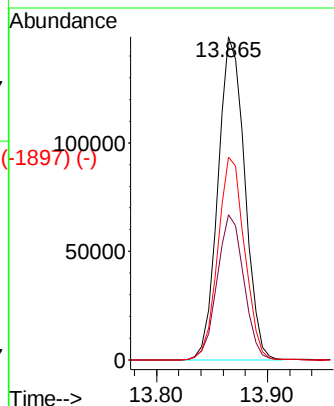
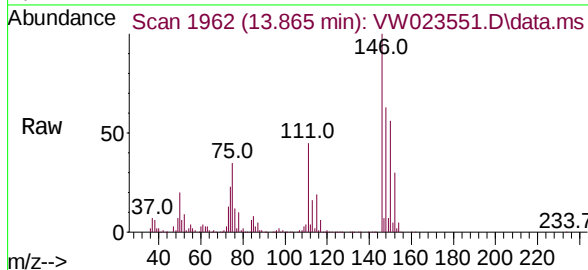




1,2-Dichlorobenzene
Concen: 26.112 ug/L
RT: 13.865 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

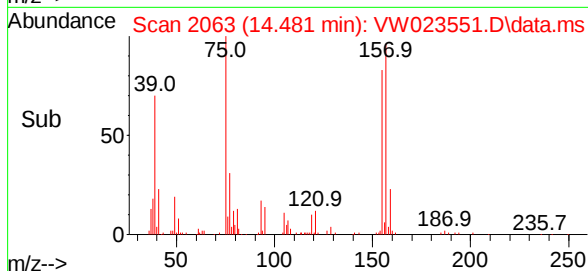
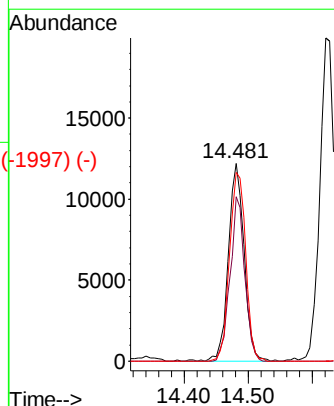
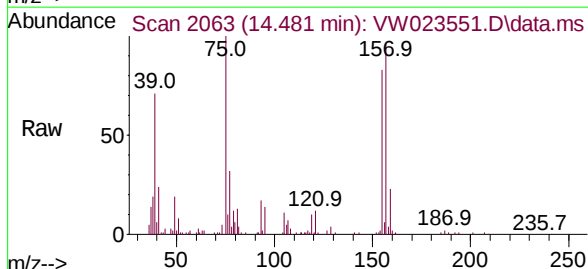
Instrument :
MSVOA_W
ClientSampleId :

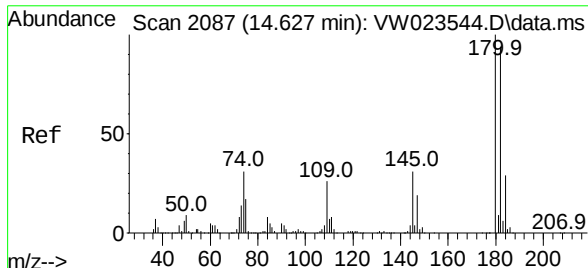
Tgt Ion:	146	Resp:	249029
Ion	Ratio	Lower	Upper
146	100		
111	45.0	30.6	45.8
148	62.8	49.9	74.9



1,2-Dibromo-3-chloropropane
Concen: 27.024 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:	75	Resp:	20663
Ion	Ratio	Lower	Upper
75	100		
155	83.2	63.8	95.6
157	95.5	85.0	127.4

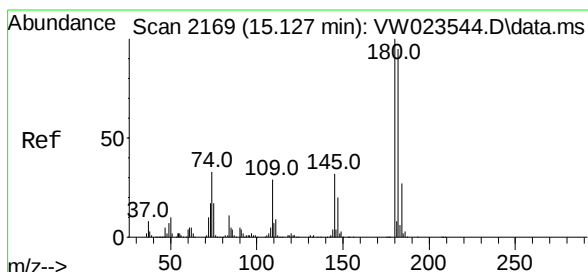
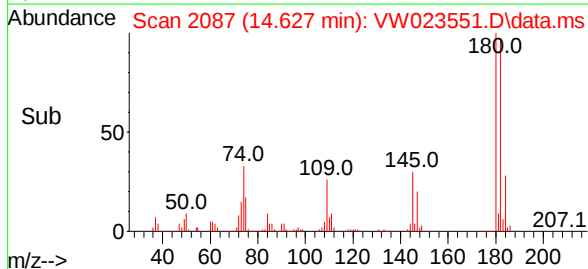
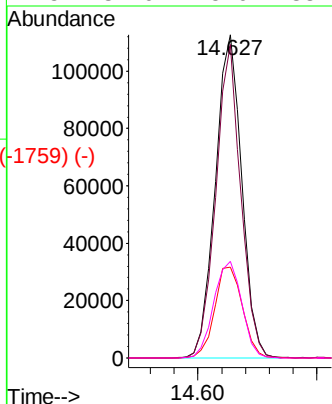
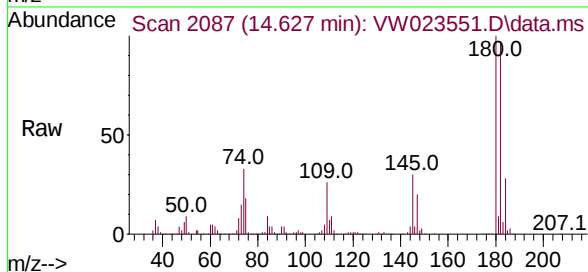




1,3,5-Trichlorobenzene
Concen: 24.753 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

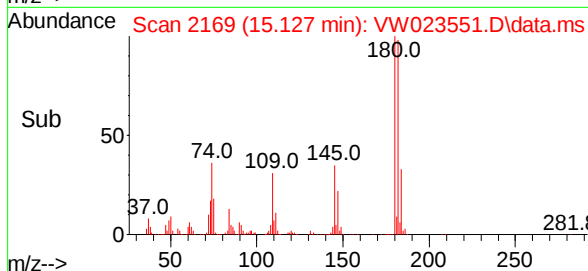
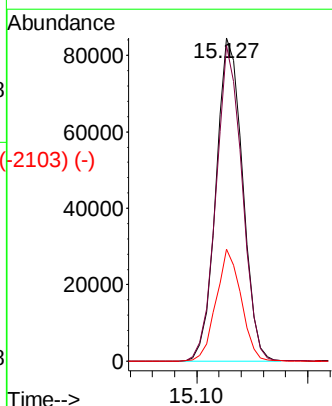
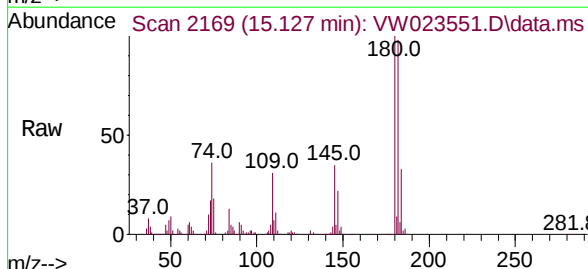
Instrument :
MSVOA_W
ClientSampleId :

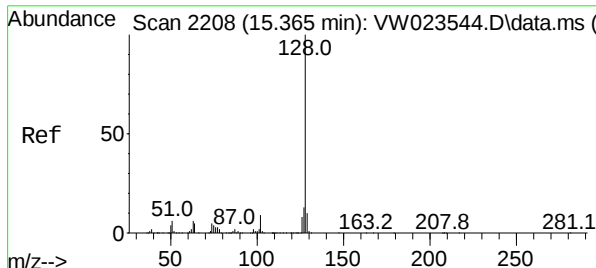
Tgt Ion:	180	Resp:	173925
Ion	Ratio	Lower	Upper
180	100		
182	91.5	75.5	113.3
184	29.8	24.6	36.8
145	31.6	25.6	38.4



1,2,4-trichlorobenzene
Concen: 24.813 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023551.D
Acq: 30 Jun 2022 17:32

Tgt Ion:	180	Resp:	140697
Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.0	115.4
145	32.6	26.1	39.1

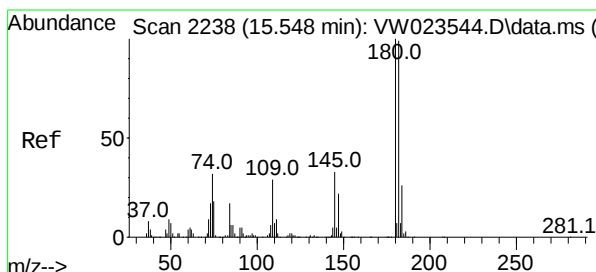
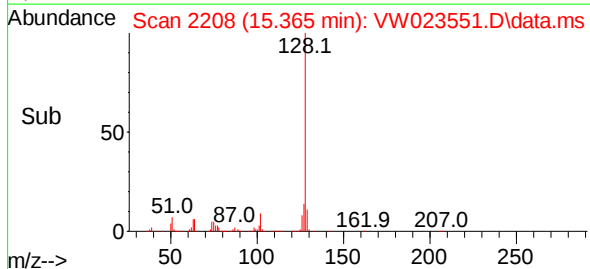
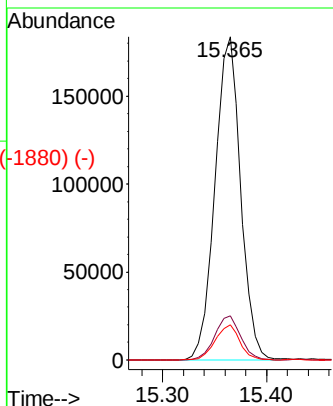
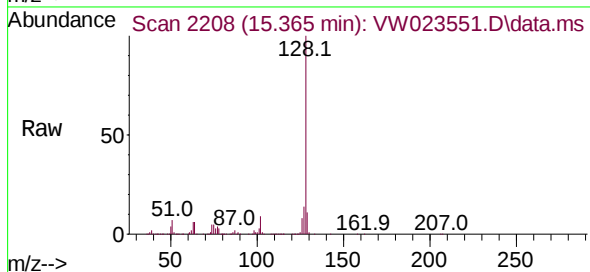




Scan 2208 (15.365 min): VW023544.D\data.ms (-2109) (-)
 Naphthalene
 Concen: 26.906 ug/L
 RT: 15.365 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VW023551.D
 Acq: 30 Jun 2022 17:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	316537
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	10.4	8.7	13.1



Scan 2238 (15.548 min): VW023544.D\data.ms (-2238) (-)
 1,2,3-Trichlorobenzene
 Concen: 26.563 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. -0.000 min
 Lab File: VW023551.D
 Acq: 30 Jun 2022 17:32

Tgt Ion:	180	Resp:	137470
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.6	113.4
145	33.3	28.2	42.2

