

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023544.D
 Acq On : 30 Jun 2022 13:45
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 01 05:54:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:48:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	357825	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	345603	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	193559	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	159498	31.162	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	124.640%	
7) Chloroethane-d5	2.879	69	93462	26.514	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	106.040%	
11) 1,1-Dichloroethene-d2	4.019	63	169643	26.788	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	107.160%	
21) 2-Butanone-d5	7.074	46	72576	56.613	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	113.220%	
24) Chloroform-d	7.647	84	264256	27.053	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	108.200%	
26) 1,2-Dichloroethane-d4	8.305	65	149953	27.799	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	111.200%	
32) Benzene-d6	8.275	84	518514	27.749	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	111.000%	
36) 1,2-Dichloropropane-d6	9.274	67	150827	27.302	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	109.200%	
41) Toluene-d8	10.323	98	507879	27.946	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	111.800%	
43) trans-1,3-Dichloroprop...	10.579	79	67894	27.742	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	110.960%	
47) 2-Hexanone-d5	10.921	63	61202	58.402	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	116.800%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	147981	27.899	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	111.600%	
66) 1,2-Dichlorobenzene-d4	13.853	152	193609	27.426	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	109.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	44618	32.269	ug/L	96
3) Chloromethane	2.215	50	130280	30.438	ug/L	100
5) Vinyl chloride	2.361	62	172735	29.965	ug/L	100
6) Bromomethane	2.776	94	77038	20.262	ug/L	97
8) Chloroethane	2.916	64	65235	25.177	ug/L	92
9) Trichlorofluoromethane	3.251	101	67876	25.418	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	111870	25.880	ug/L	98
12) 1,1-Dichloroethene	4.044	96	96066	26.716	ug/L	87
13) Acetone	4.129	43	38696	43.827	ug/L	71
14) Carbon disulfide	4.385	76	285767	29.463	ug/L	97
15) Methyl Acetate	4.672	43	53845	26.619	ug/L	100
16) Methylene chloride	4.922	84	113155	22.168	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	117539	25.900	ug/L	93
18) Methyl tert-butyl Ether	5.434	73	179020	26.899	ug/L	100
19) 1,1-Dichloroethane	6.214	63	206549	25.807	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	130733	26.434	ug/L	98
22) 2-Butanone	7.171	43	73721	51.070	ug/L	99
23) Bromochloromethane	7.513	128	66218	27.052	ug/L	97

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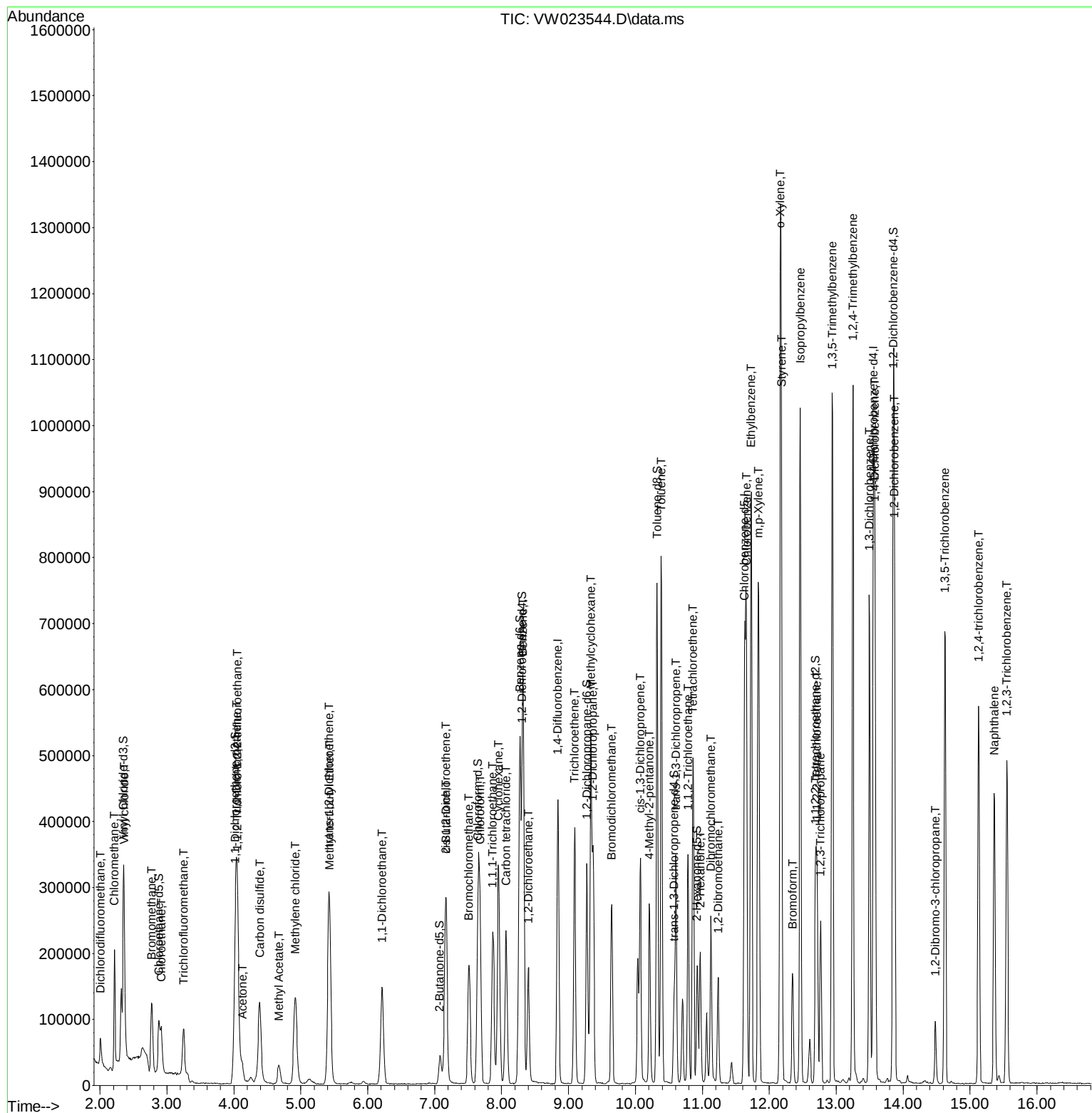
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 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:48:41 2022
 Response via : Initial Calibration

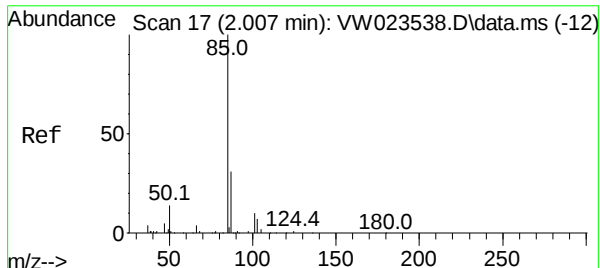
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.677	83	231864	25.953	ug/L	97
27) 1,2-Dichloroethane	8.403	62	158062	26.760	ug/L	100
29) Cyclohexane	7.952	56	169619	25.957	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	186141	24.833	ug/L	99
31) Carbon tetrachloride	8.067	117	167189	24.673	ug/L	100
33) Benzene	8.323	78	503440	25.893	ug/L	100
34) Trichloroethene	9.092	95	129772	24.911	ug/L	98
35) Methylcyclohexane	9.335	83	215620	26.305	ug/L	99
37) 1,2-Dichloropropane	9.366	63	121566	25.849	ug/L #	85
38) Bromodichloromethane	9.646	83	172565	25.629	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	190939	26.219	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	165932	53.834	ug/L	99
42) Toluene	10.384	91	571456	26.572	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	178417	26.507	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	103431	25.865	ug/L	98
46) Tetrachloroethene	10.860	164	103408	24.682	ug/L	96
48) 2-Hexanone	10.969	43	118994	56.207	ug/L	99
49) Dibromochloromethane	11.128	129	127885	26.172	ug/L	98
50) 1,2-Dibromoethane	11.238	107	106791	26.801	ug/L	92
51) Chlorobenzene	11.658	112	377076	25.624	ug/L	99
52) Ethylbenzene	11.731	91	633717	26.419	ug/L	98
53) m,p-Xylene	11.835	106	251302	26.646	ug/L	99
54) o-Xylene	12.164	106	239845	26.925	ug/L	98
55) Styrene	12.182	104	424094	27.241	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	135714	26.388	ug/L	99
59) Bromoform	12.347	173	72200	25.141	ug/L	99
60) Isopropylbenzene	12.463	105	652341	25.548	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95288	24.439	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	550972	25.972	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	559828	26.296	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	299553	24.409	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	310106	24.916	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	277847	24.983	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	22397	25.119	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	200540	24.475	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166164	25.129	ug/L	98
71) Naphthalene	15.365	128	371154	27.054	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	155162	25.710	ug/L	97

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

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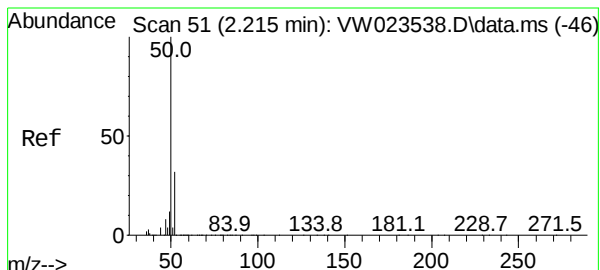
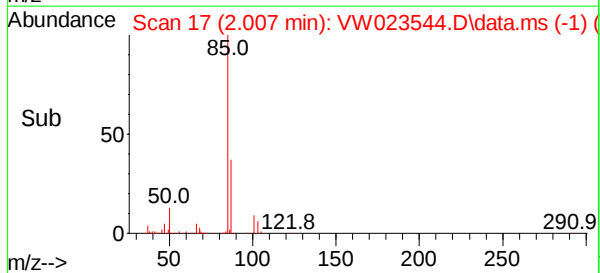
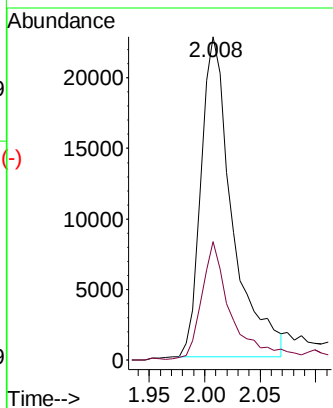
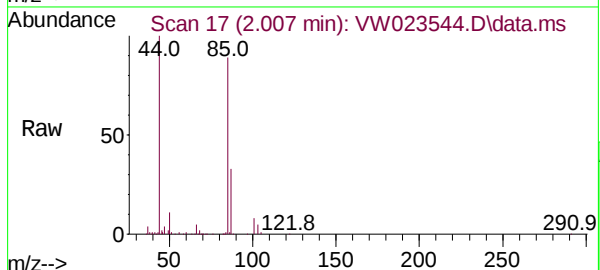




Dichlorodifluoromethane
 Concen: 32.269 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

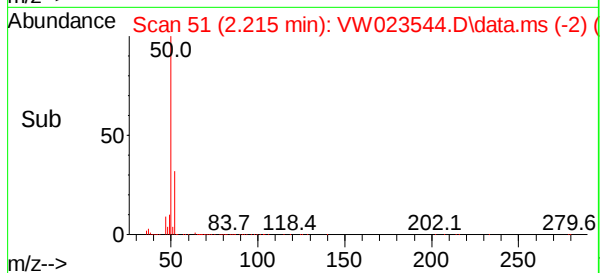
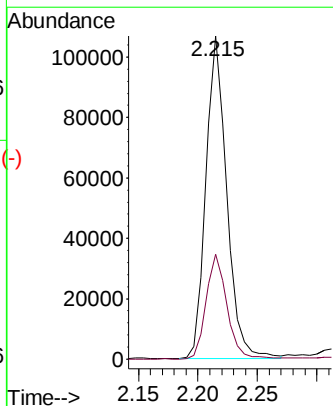
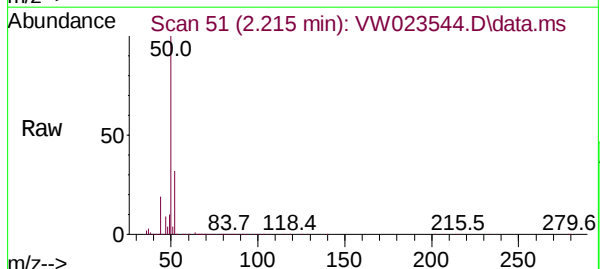
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 ClientSampleId :

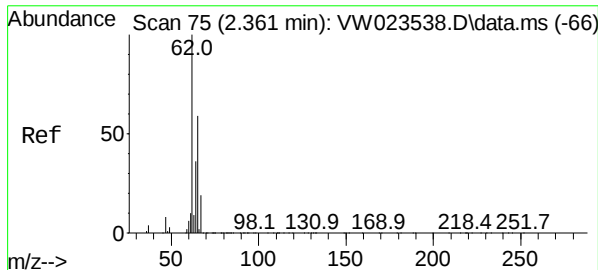
Tgt Ion: 85 Resp: 44618
 Ion Ratio Lower Upper
 85 100
 87 34.5 26.0 39.0



Chloromethane
 Concen: 30.438 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion: 50 Resp: 130280
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9

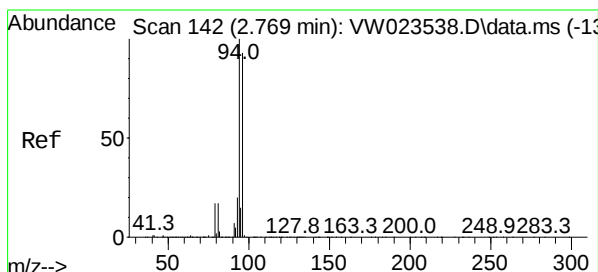
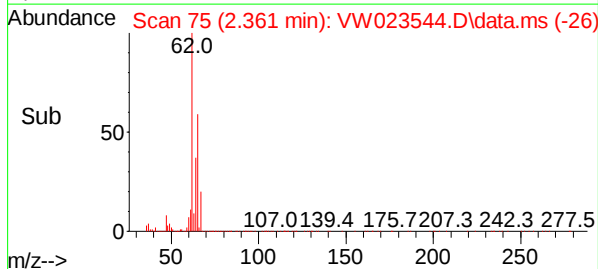
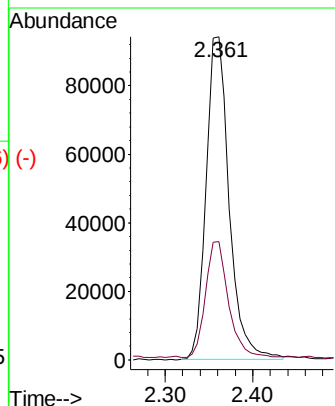
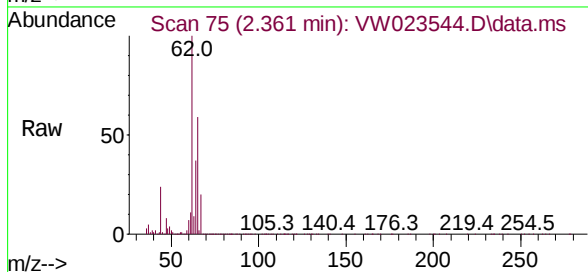




Vinyl chloride
 Concen: 29.965 ug/L
 RT: 2.361 min Scan#
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

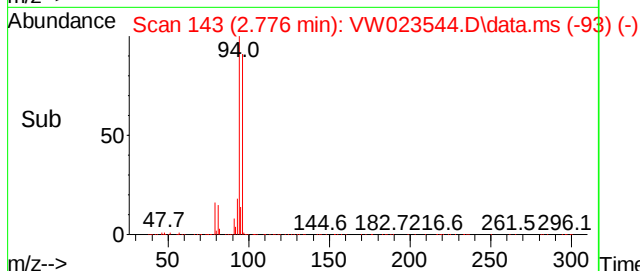
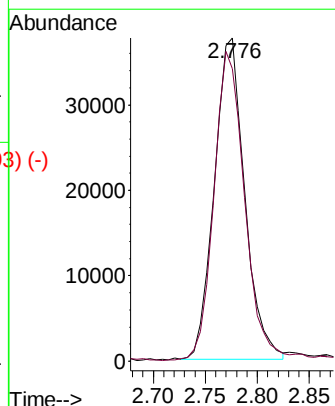
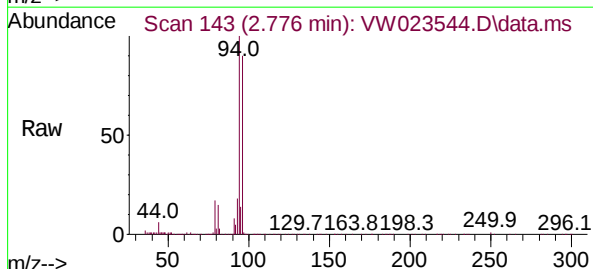
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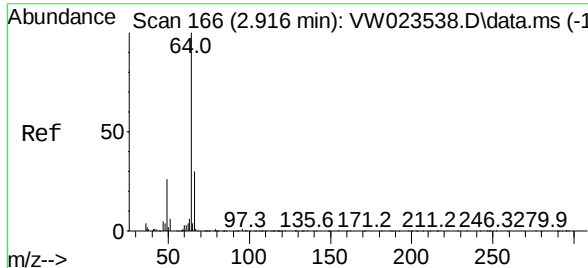
Tgt Ion: 62 Resp: 172735
 Ion Ratio Lower Upper
 62 100
 64 36.6 25.8 47.8



Bromomethane
 Concen: 20.262 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion: 94 Resp: 77038
 Ion Ratio Lower Upper
 94 100
 96 90.4 65.6 121.8

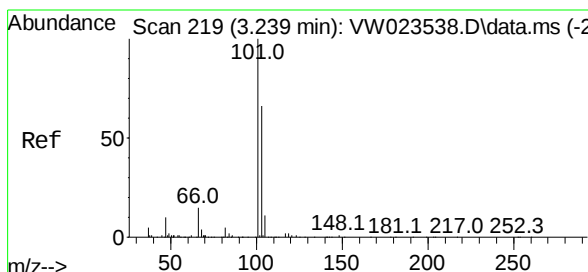
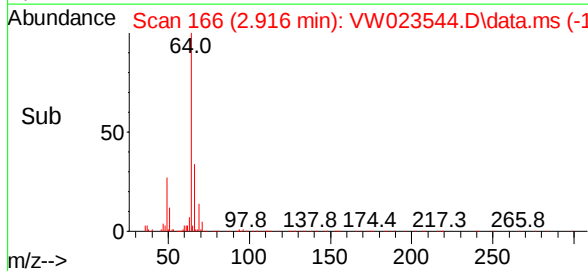
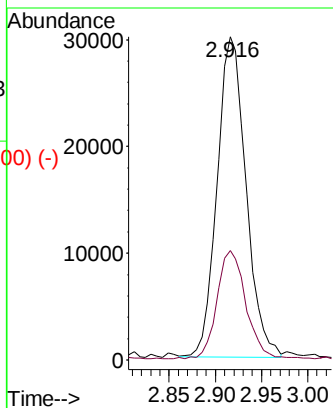
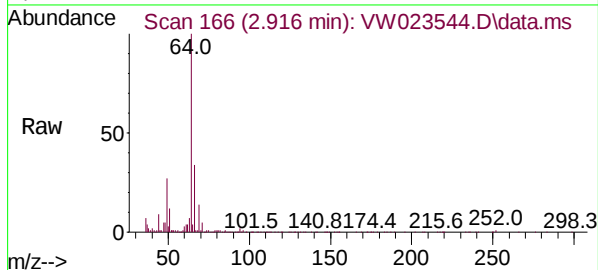




Chloroethane
 Concen: 25.177 ug/L
 RT: 2.916 min Scan# 166
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

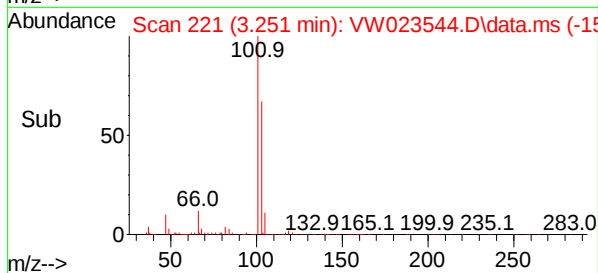
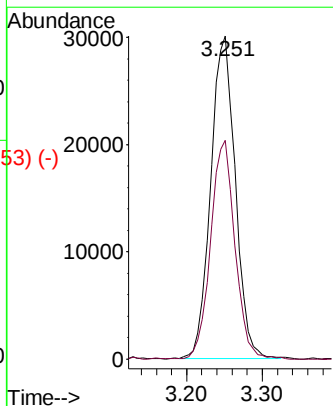
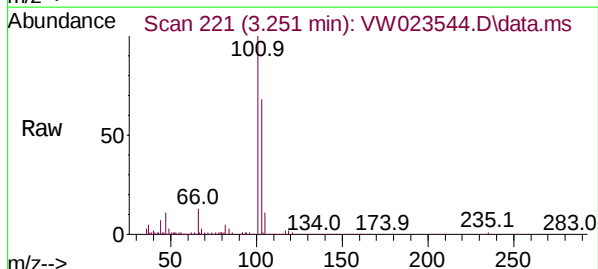
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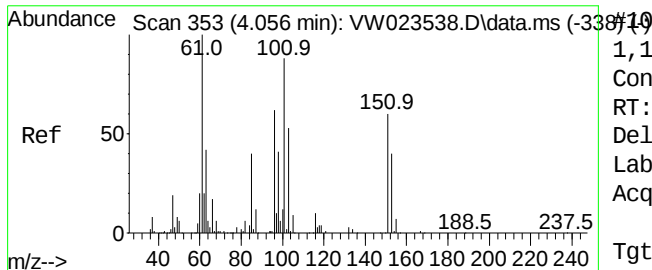
Tgt Ion: 64 Resp: 65235
 Ion Ratio Lower Upper
 64 100
 66 33.9 20.6 38.2



Trichlorofluoromethane
 Concen: 25.418 ug/L
 RT: 3.251 min Scan# 221
 Delta R.T. 0.012 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion: 101 Resp: 67876
 Ion Ratio Lower Upper
 101 100
 103 67.1 53.2 79.8

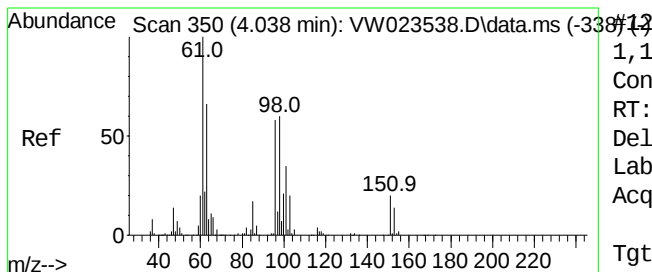
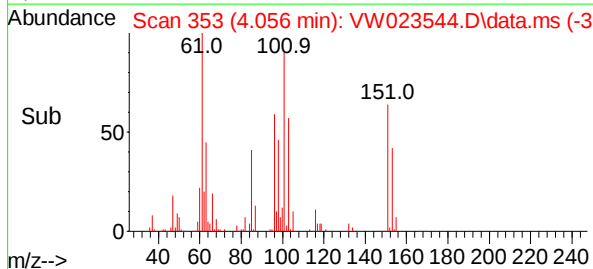
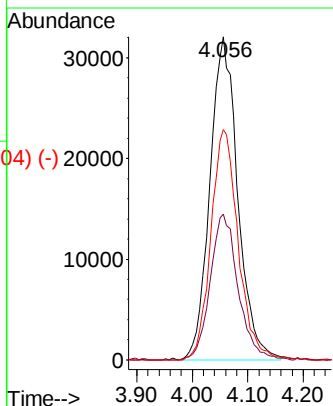
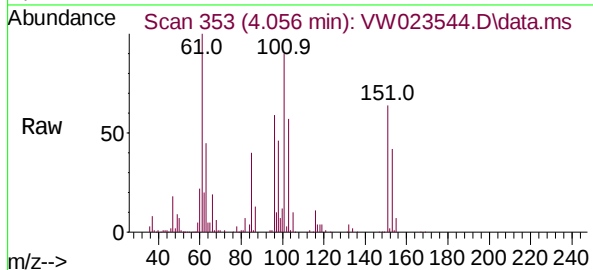




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.880 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW023544.D
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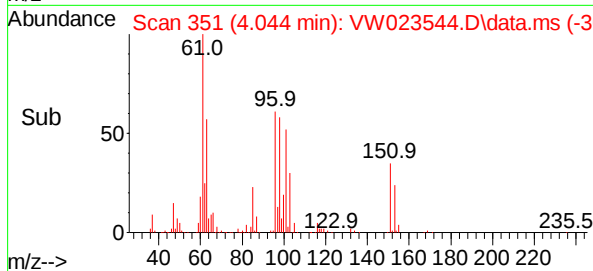
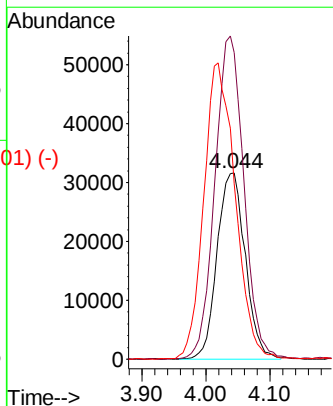
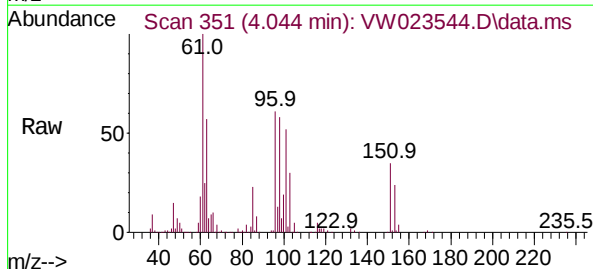
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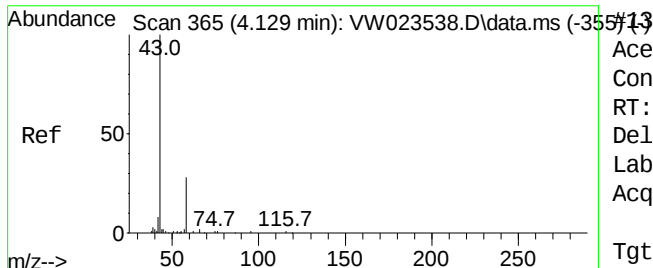
Tgt Ion:	101	Resp:	111870
Ion	Ratio	Lower	Upper
101	100		
85	45.1	37.0	55.4
151	69.6	54.6	81.8



1,1-Dichloroethene
 Concen: 26.716 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
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Tgt Ion:	96	Resp:	96066
Ion	Ratio	Lower	Upper
96	100		
61	164.9	122.0	226.6
63	94.3	83.0	154.2





Acetone

Concen: 43.827 ug/L

RT: 4.129 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW023544.D

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Instrument :

MSVOA_W

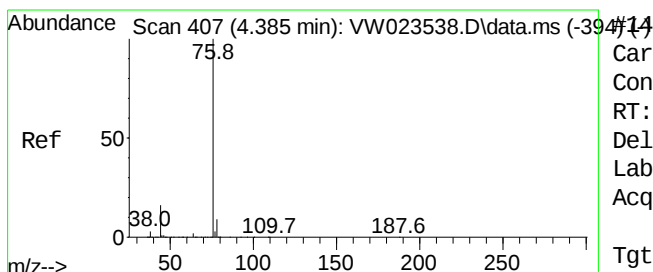
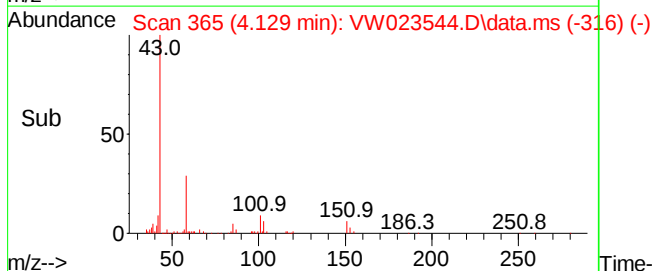
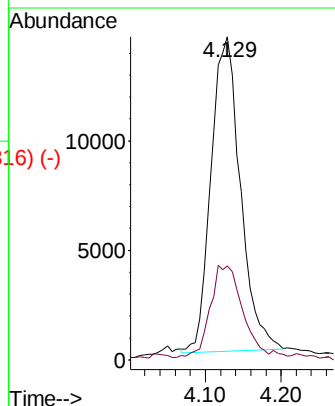
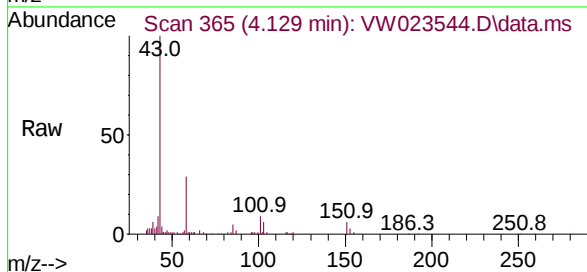
ClientSampleId :

Tgt Ion: 43 Resp: 38696

Ion Ratio Lower Upper

43 100

58 14.5 0.0 61.2



Carbon disulfide

Concen: 29.463 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW023544.D

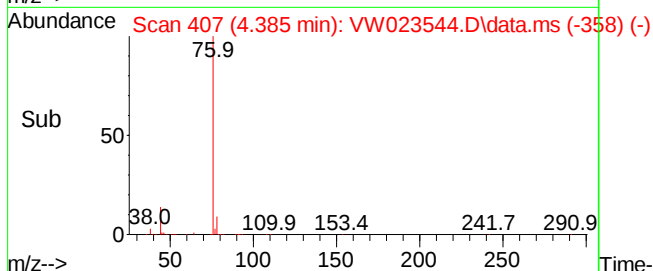
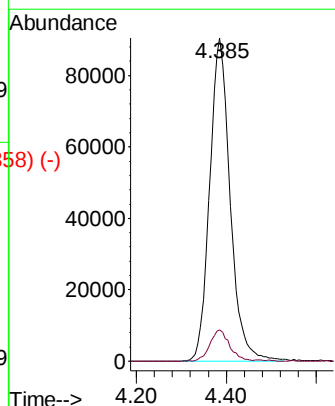
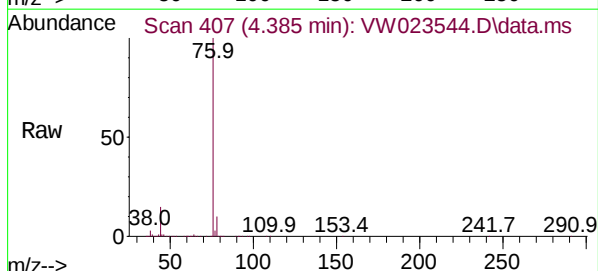
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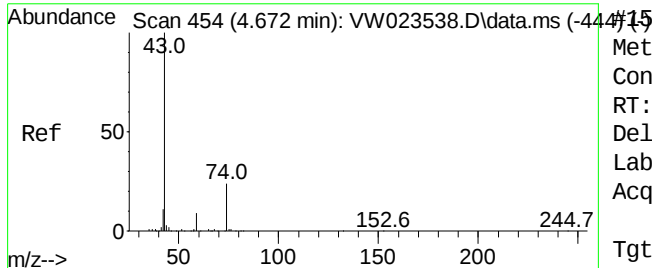
Tgt Ion: 76 Resp: 285767

Ion Ratio Lower Upper

76 100

78 9.6 6.8 10.2





Methyl Acetate

Concen: 26.619 ug/L

RT: 4.672 min Scan# 415

Delta R.T. 0.000 min

Lab File: VW023544.D

Acq: 30 Jun 2022 13:45

Instrument :

MSVOA_W

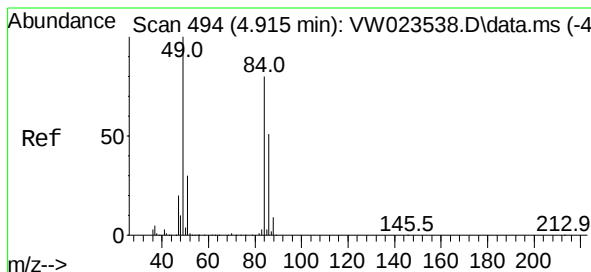
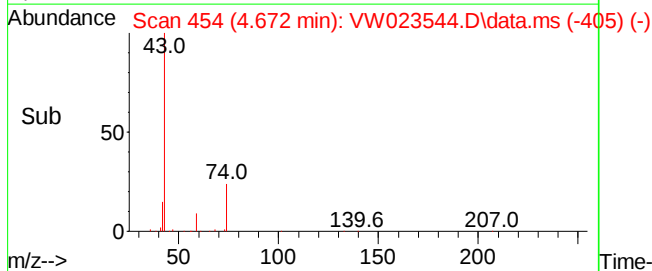
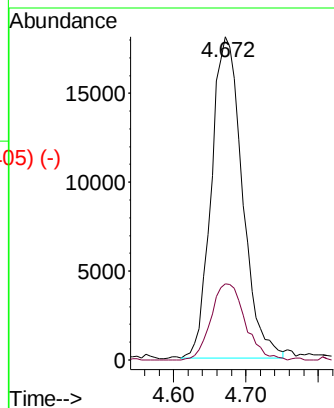
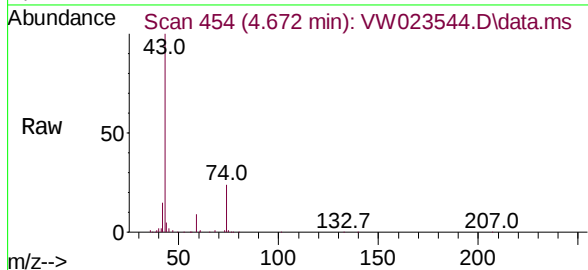
ClientSampleId :

Tgt Ion: 43 Resp: 53845

Ion Ratio Lower Upper

43 100

74 25.6 20.4 30.6



Methylene chloride

Concen: 22.168 ug/L

RT: 4.922 min Scan# 495

Delta R.T. 0.006 min

Lab File: VW023544.D

Acq: 30 Jun 2022 13:45

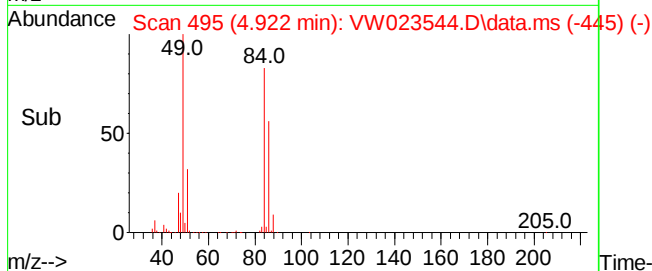
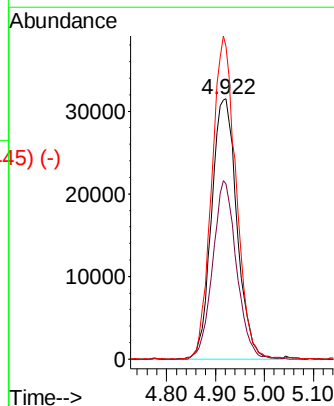
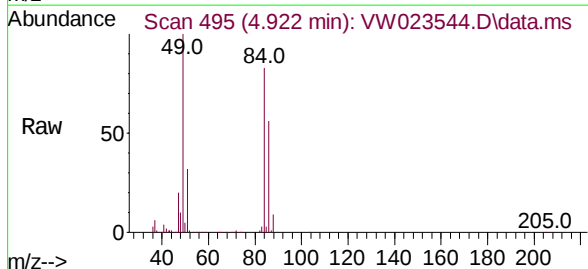
Tgt Ion: 84 Resp: 113155

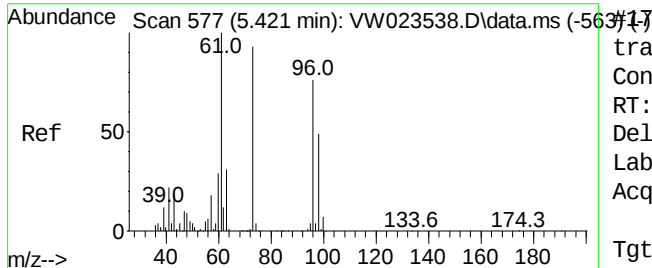
Ion Ratio Lower Upper

84 100

86 67.2 44.9 83.3

49 120.1 87.6 162.6

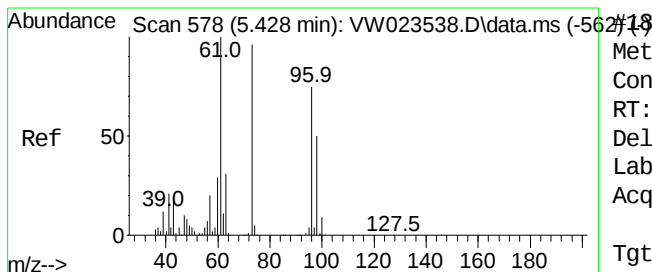
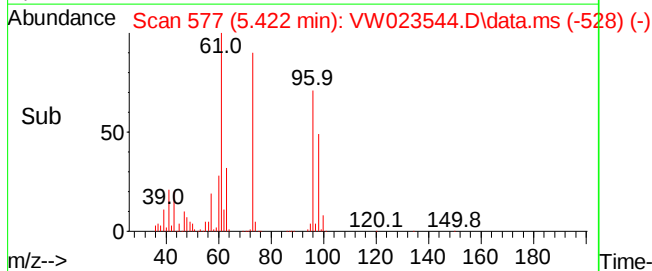
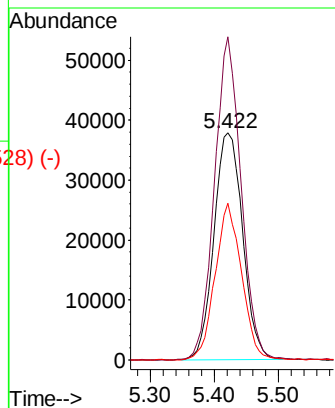
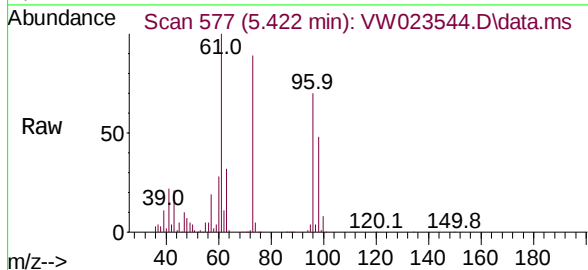




trans-1,2-Dichloroethene
Concen: 25.900 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

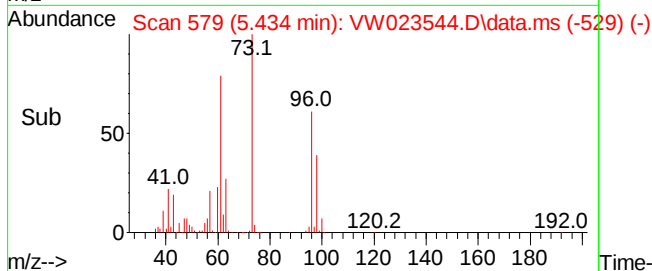
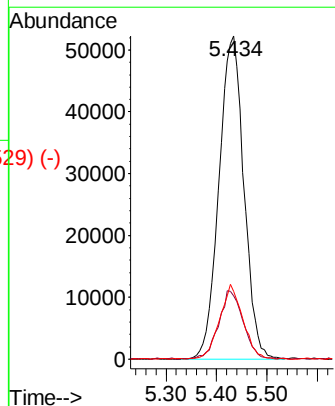
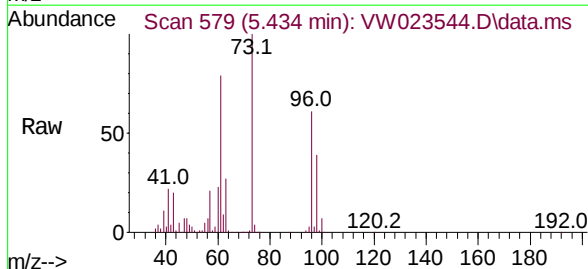
Instrument :
MSVOA_W
ClientSampleId :

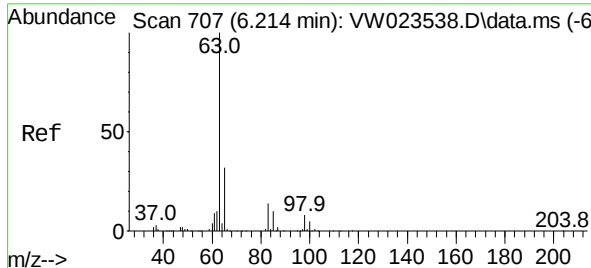
Tgt Ion:	96	Resp:	117539
Ion	Ratio	Lower	Upper
96	100		
61	142.2	92.3	171.5
98	68.9	45.5	84.5



Methyl tert-butyl Ether
Concen: 26.899 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

Tgt Ion:	73	Resp:	179020
Ion	Ratio	Lower	Upper
73	100		
43	20.2	16.2	24.2
57	21.5	16.9	25.3





1,1-Dichloroethane

Concen: 25.807 ug/L

RT: 6.214 min Scan#

Delta R.T. 0.000 min

Lab File: VW023544.D

Acq: 30 Jun 2022 13:45

Instrument :

MSVOA_W

ClientSampleId :

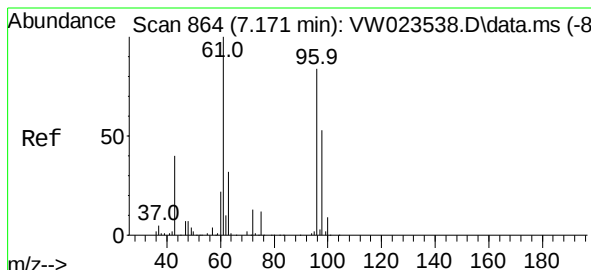
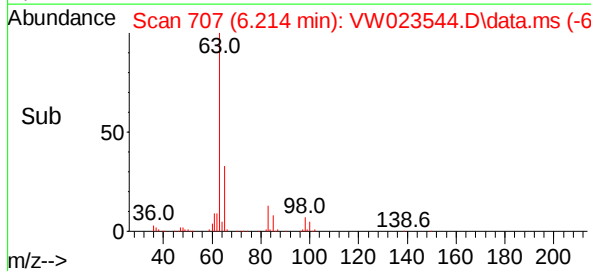
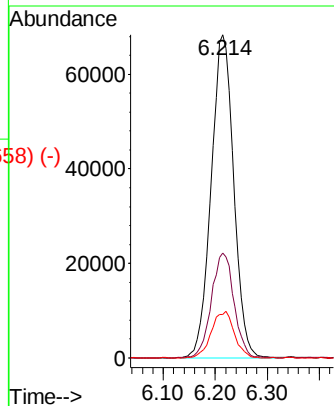
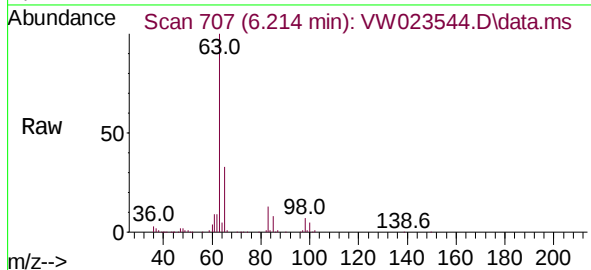
Tgt Ion: 63 Resp: 206549

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.3

83 13.5 9.8 18.2



cis-1,2-Dichloroethene

Concen: 26.434 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023544.D

Acq: 30 Jun 2022 13:45

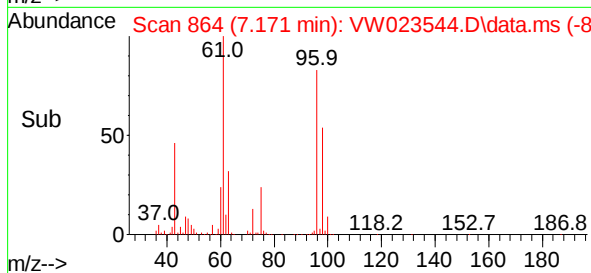
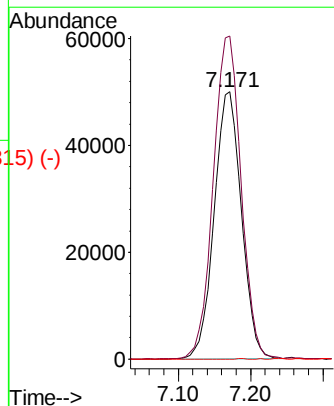
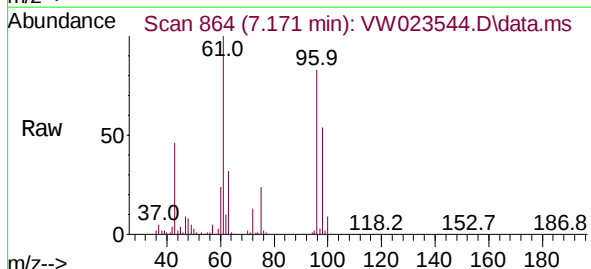
Tgt Ion: 96 Resp: 130733

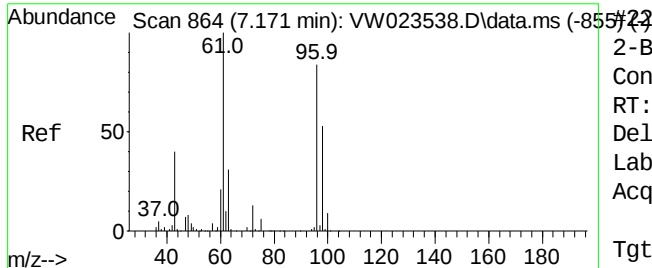
Ion Ratio Lower Upper

96 100

61 120.8 83.2 154.6

68 0.0 0.0 0.0





2-Butanone

Concen: 51.070 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023544.D

Acq: 30 Jun 2022 13:45

Instrument :

MSVOA_W

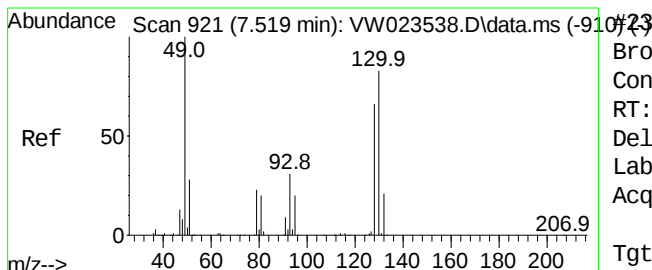
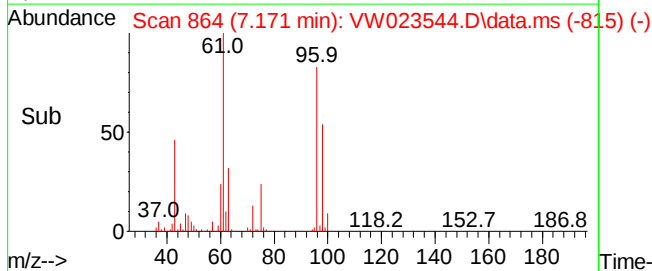
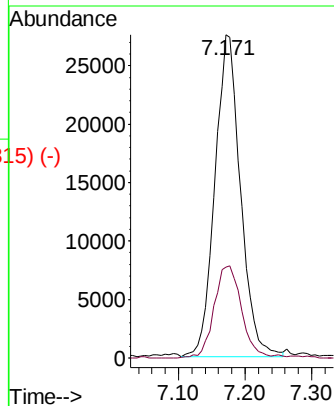
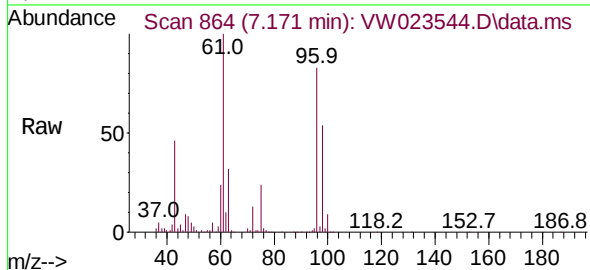
ClientSampleId :

Tgt Ion: 43 Resp: 73721

Ion Ratio Lower Upper

43 100

72 30.3 15.4 46.1



Bromochloromethane

Concen: 27.052 ug/L

RT: 7.513 min Scan# 920

Delta R.T. -0.006 min

Lab File: VW023544.D

Acq: 30 Jun 2022 13:45

Tgt Ion:128 Resp: 66218

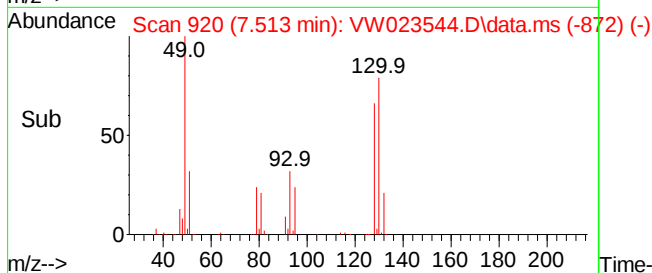
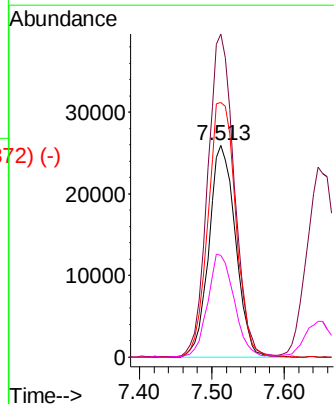
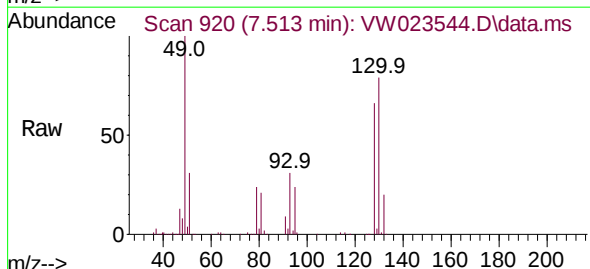
Ion Ratio Lower Upper

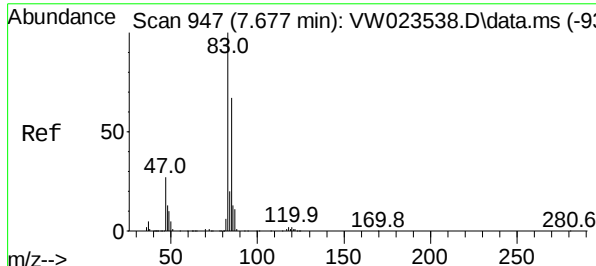
128 100

49 152.4 105.8 196.6

130 120.2 87.6 162.8

51 47.9 34.4 51.6

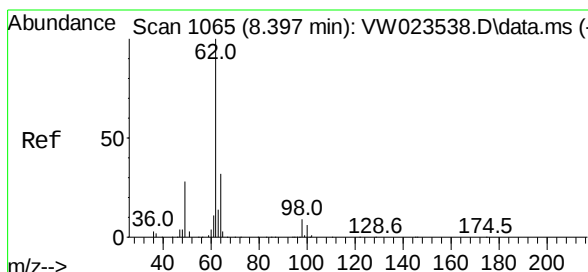
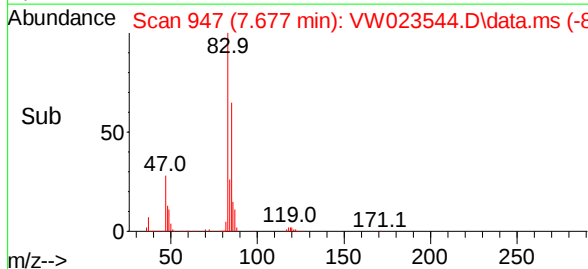
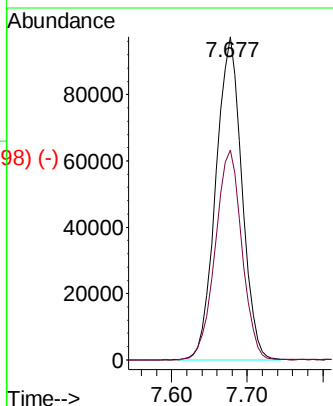
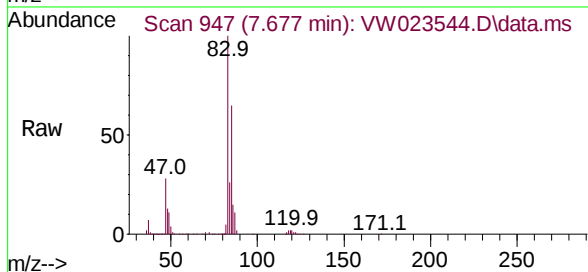




#25
Chloroform
Concen: 25.953 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

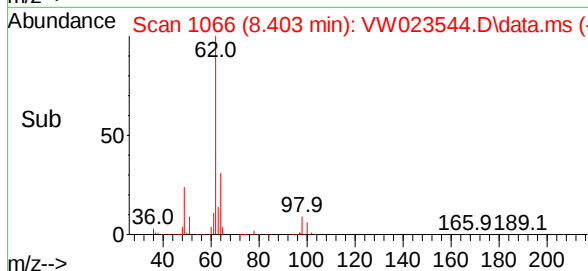
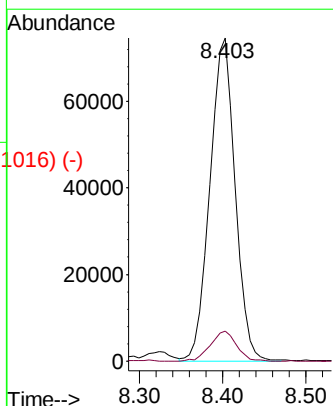
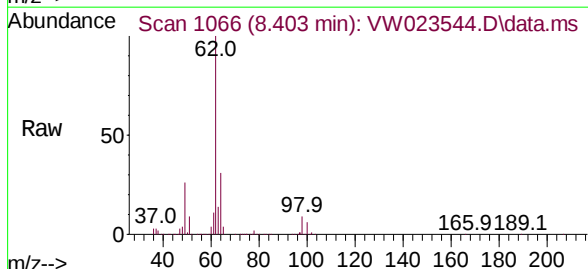
Instrument :
MSVOA_W
ClientSampleId :

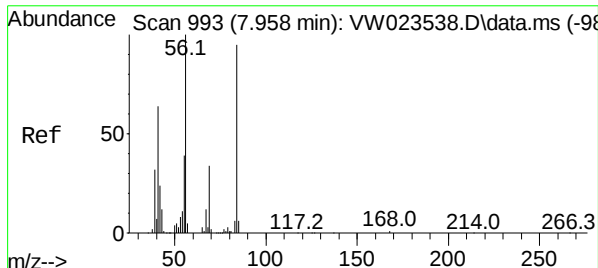
Tgt Ion: 83 Resp: 231864
Ion Ratio Lower Upper
83 100
85 64.9 47.0 87.4



#37 (-)
1,2-Dichloroethane
Concen: 26.760 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

Tgt Ion: 62 Resp: 158062
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0

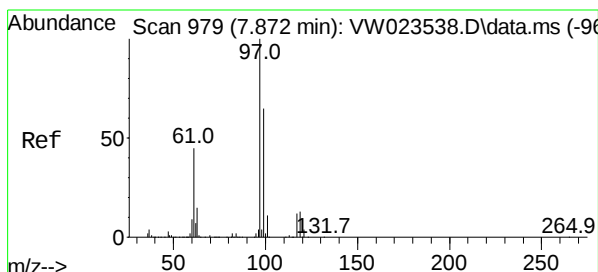
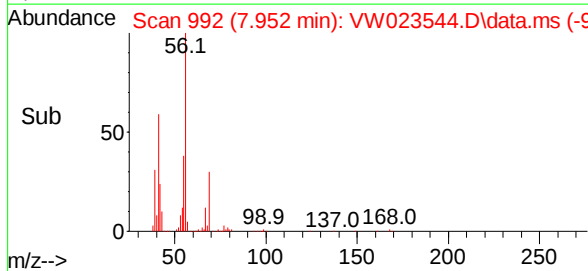
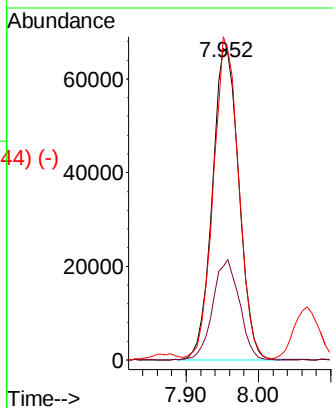
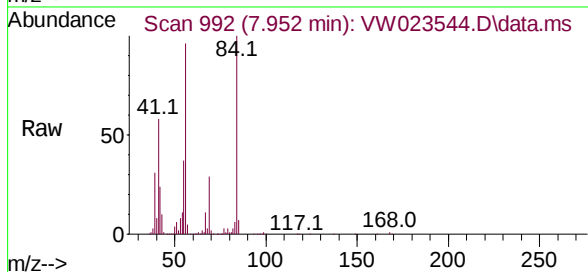




Cyclohexane
 Concen: 25.957 ug/L
 RT: 7.952 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

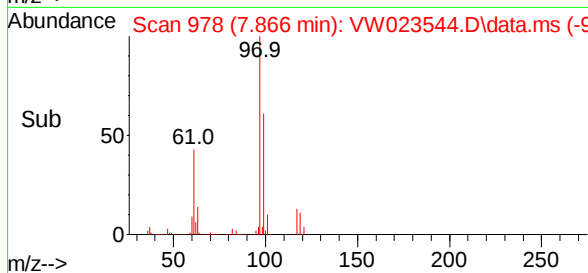
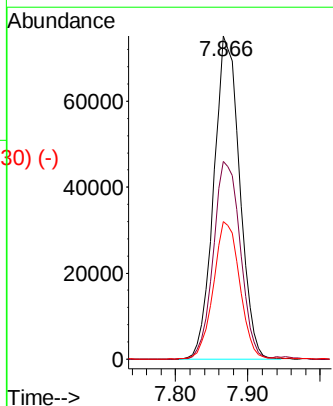
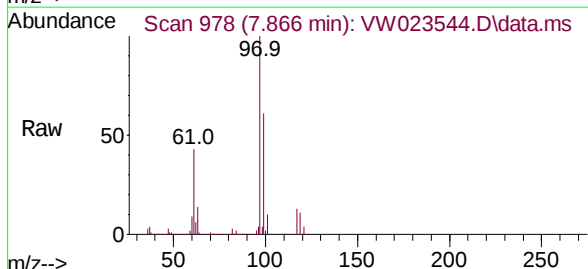
Instrument :
 MSVOA_W
 ClientSampleId :

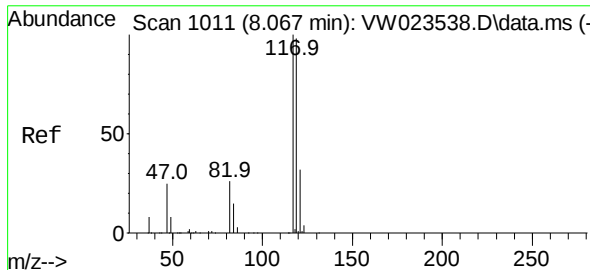
Tgt Ion:	56	Resp:	169619
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.6	38.4
84	98.8	77.0	115.6



1,1,1-Trichloroethane
 Concen: 24.833 ug/L
 RT: 7.866 min Scan# 978
 Delta R.T. -0.006 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion:	97	Resp:	186141
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	43.2	35.8	53.8

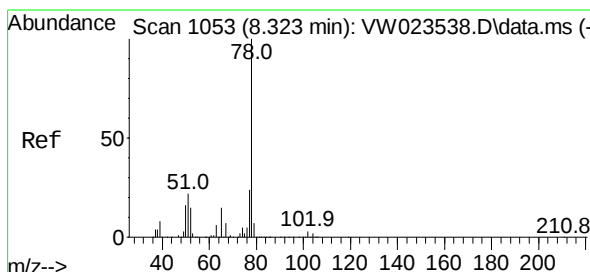
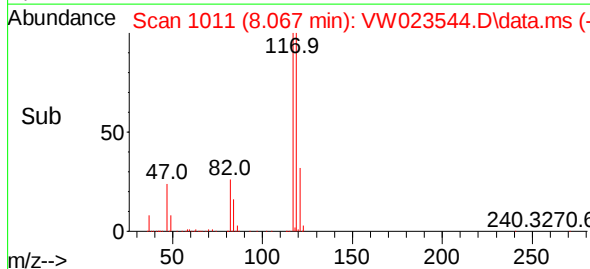
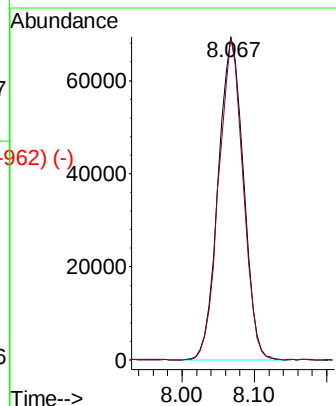
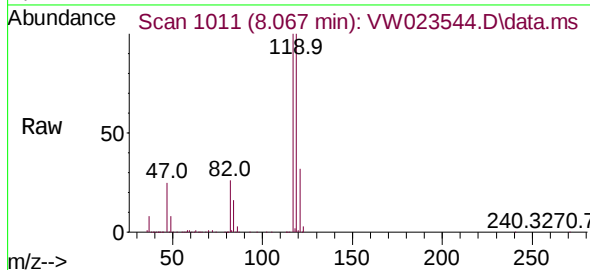




Carbon tetrachloride
Concen: 24.673 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

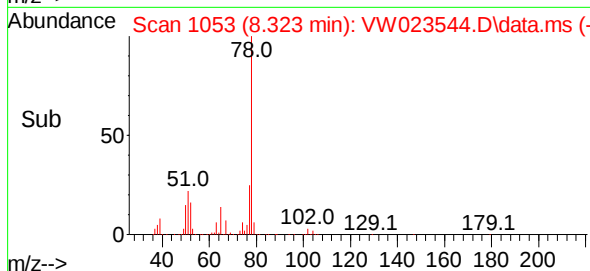
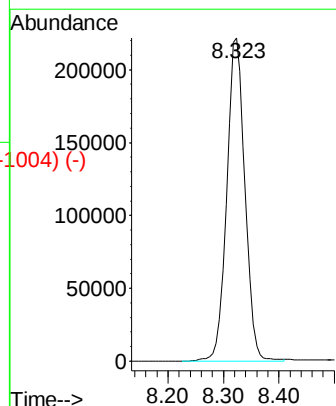
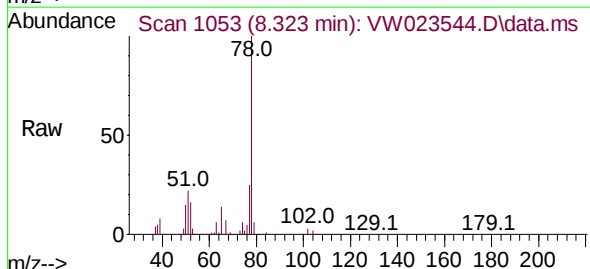
Instrument : MSVOA_W
ClientSampleId :

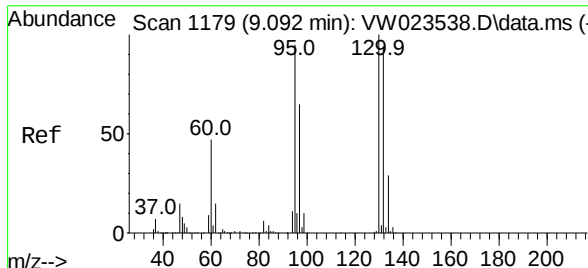
Tgt Ion:117 Resp: 167189
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



Benzene
Concen: 25.893 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

Tgt Ion: 78 Resp: 503440





Trichloroethene

Concen: 24.911 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

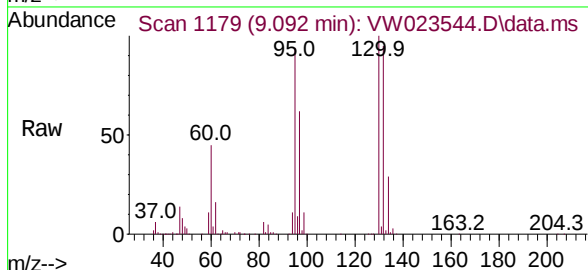
Lab File: VW023544.D

Acq: 30 Jun 2022 13:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 129772

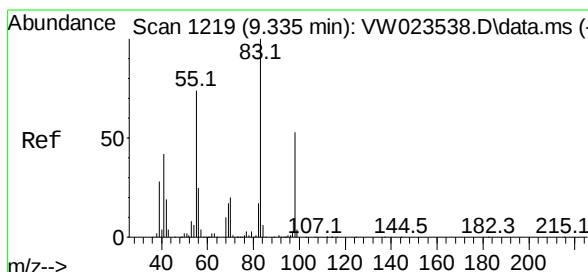
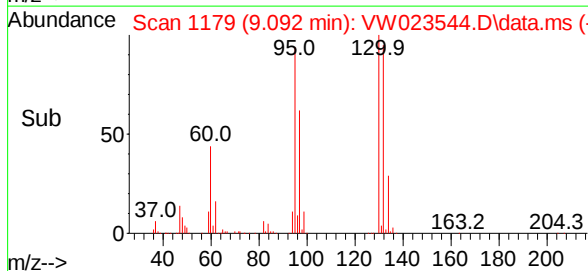
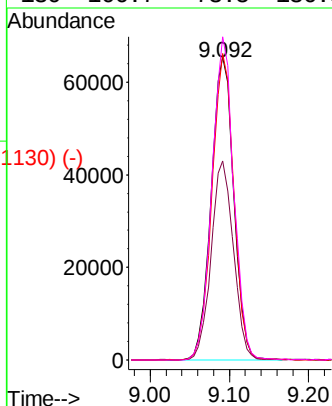
Ion Ratio Lower Upper

95 100

97 65.6 47.5 88.1

132 101.2 68.9 127.9

130 106.7 73.5 136.5



Methylcyclohexane

Concen: 26.305 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023544.D

Acq: 30 Jun 2022 13:45

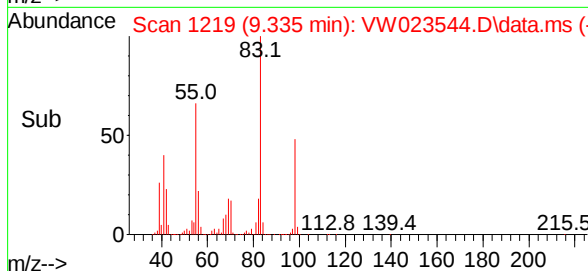
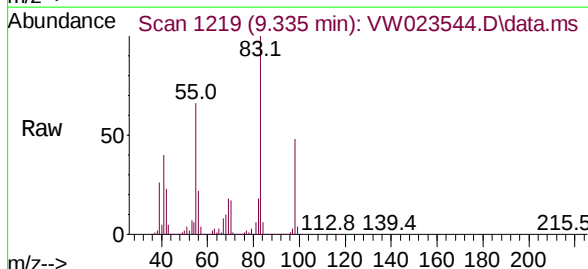
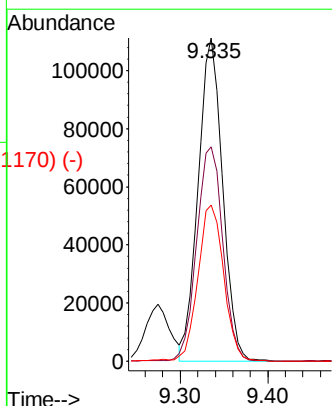
Tgt Ion: 83 Resp: 215620

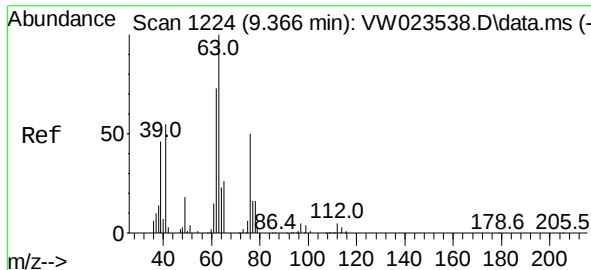
Ion Ratio Lower Upper

83 100

55 70.8 57.0 85.6

98 50.9 40.2 60.4

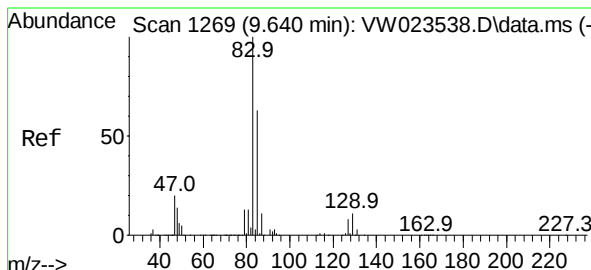
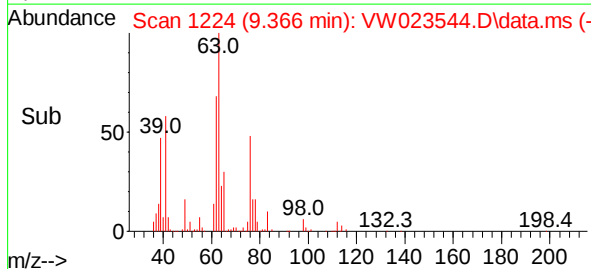
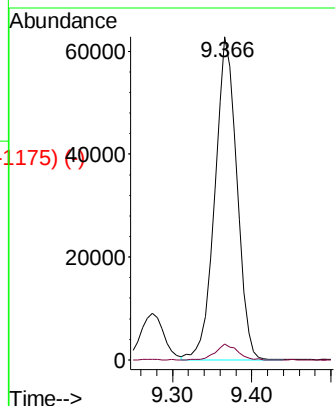
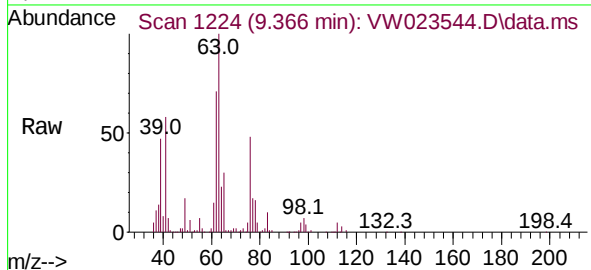




1,2-Dichloropropane
Concen: 25.849 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

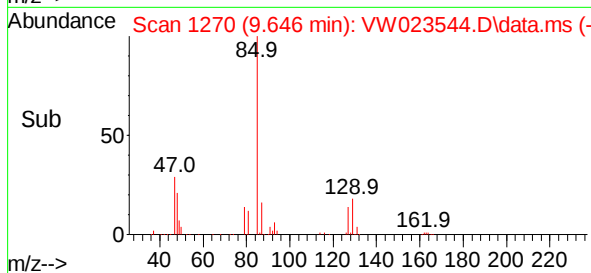
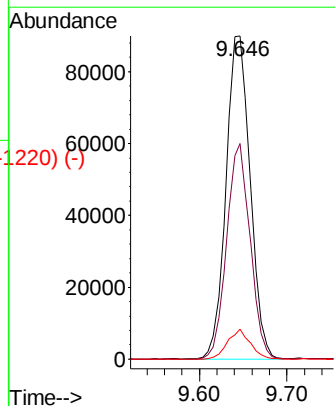
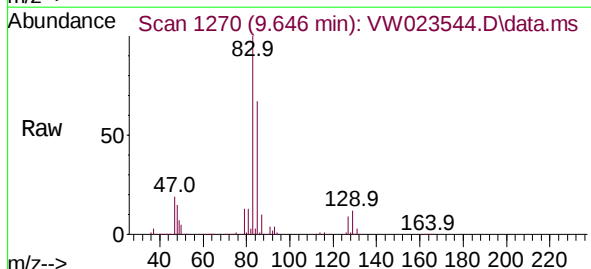
Instrument :
MSVOA_W
ClientSampleId :

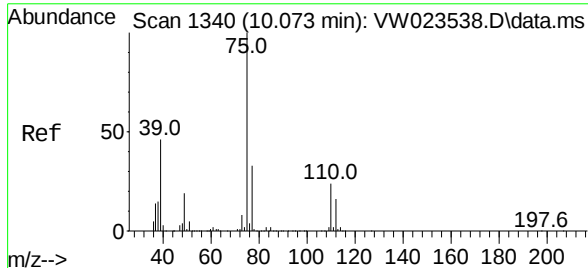
Tgt Ion: 63 Resp: 121566
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



Bromodichloromethane
Concen: 25.629 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

Tgt Ion: 83 Resp: 172565
Ion Ratio Lower Upper
83 100
85 66.6 44.2 82.0
127 9.3 6.6 10.0

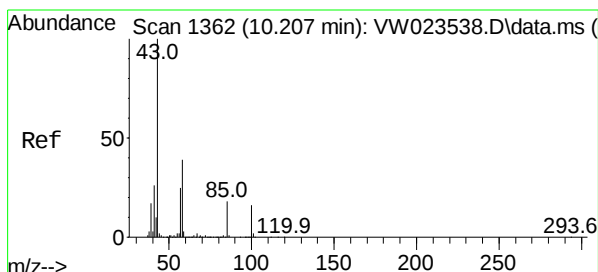
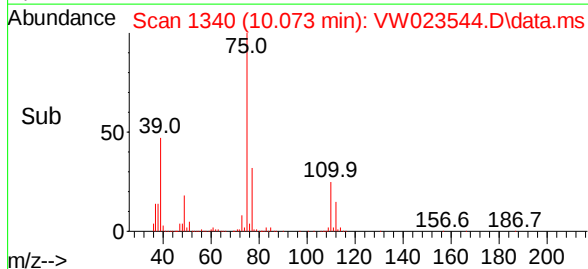
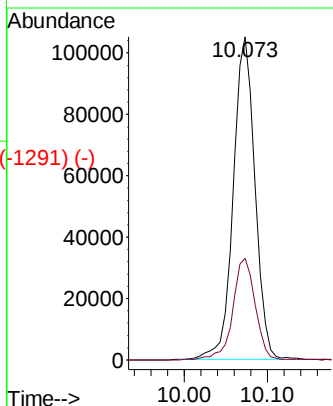
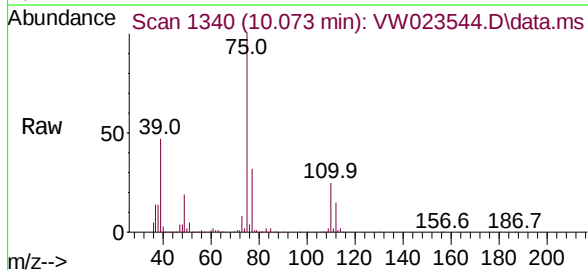




Scan 1340 (10.073 min): VW023538.D\data.ms (-1239) (-)
 cis-1,3-Dichloropropene
 Concen: 26.219 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

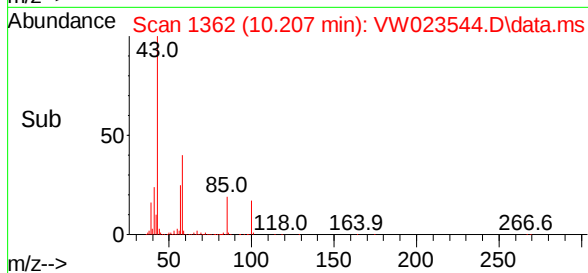
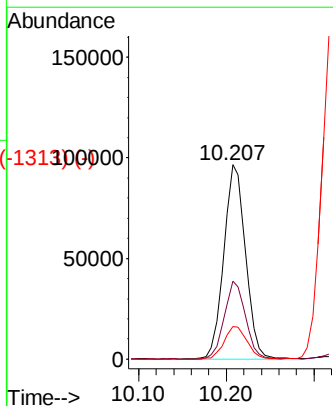
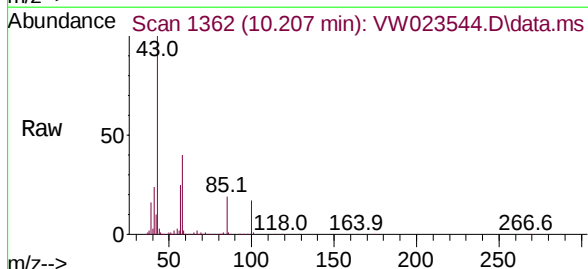
Instrument : MSVOA_W
 ClientSampleId :

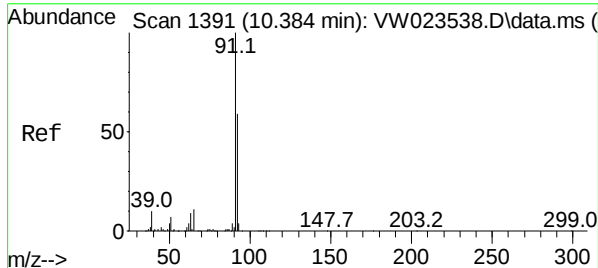
Tgt Ion: 75 Resp: 190939
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.0 42.6



Scan 1362 (10.207 min): VW023538.D\data.ms (-1340) (-)
 4-Methyl-2-pentanone
 Concen: 53.834 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion: 43 Resp: 165932
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.8 47.8
 100 17.8 14.0 21.0

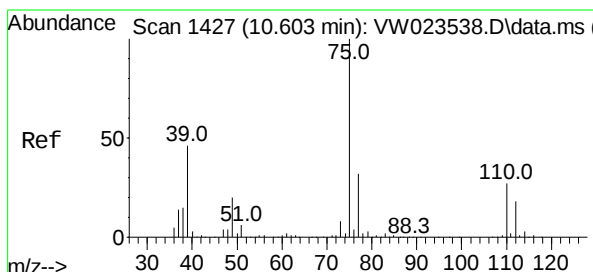
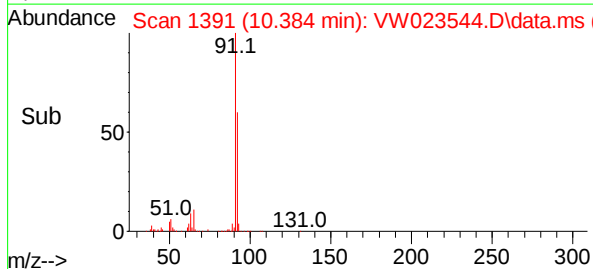
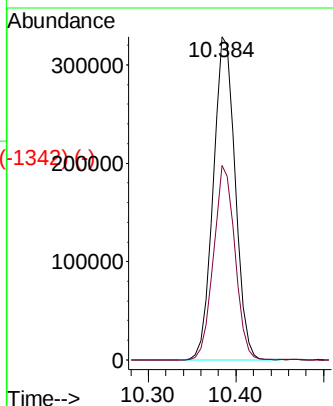
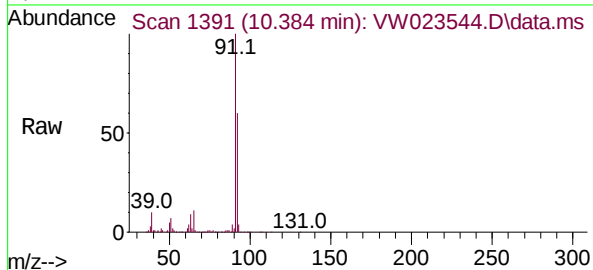




Scan 1391 (10.384 min): VW023538.D\data.ms (-1342) (-)
 Toluene
 Concen: 26.572 ug/L
 RT: 10.384 min Scan# 1391
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

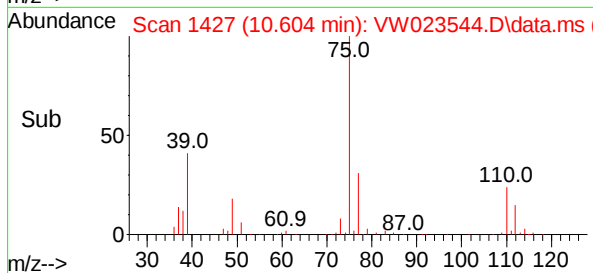
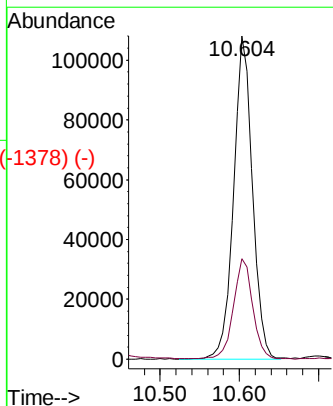
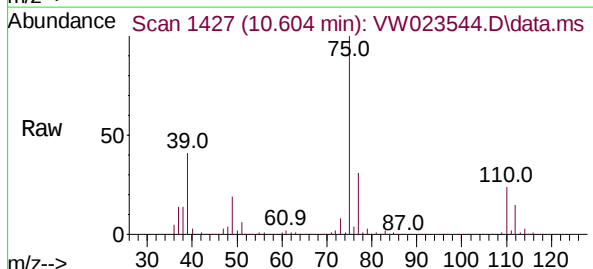
Instrument :
 MSVOA_W
 ClientSampleId :

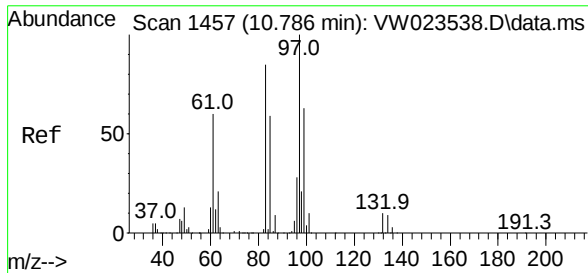
Tgt Ion: 91 Resp: 571456
 Ion Ratio Lower Upper
 91 100
 92 60.3 41.2 76.4



Scan 1427 (10.603 min): VW023538.D\data.ms (-1446) (-)
 trans-1,3-Dichloropropene
 Concen: 26.507 ug/L
 RT: 10.604 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion: 75 Resp: 178417
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.9 42.5

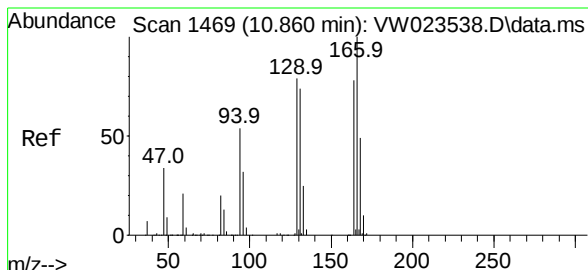
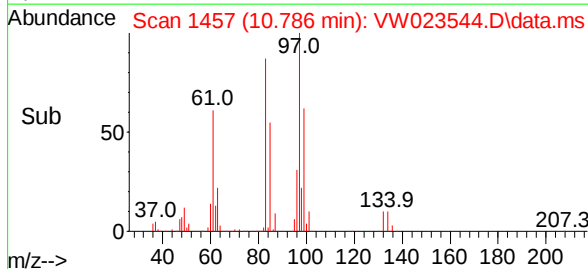
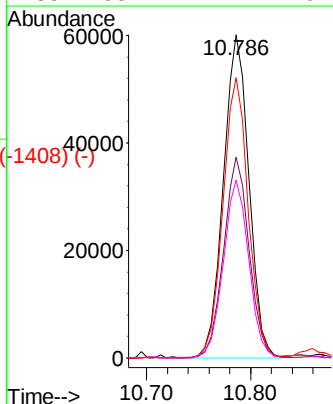
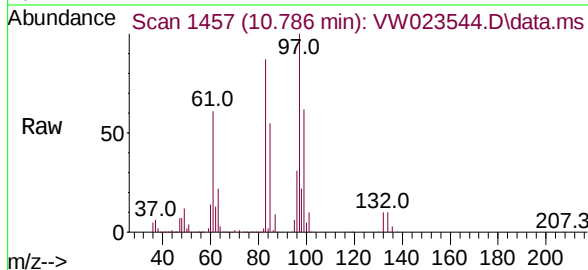




Scan 1457 (10.786 min): VW023538.D\data.ms (-1445) (-)
 1,1,2-Trichloroethane
 Concen: 25.865 ug/L
 RT: 10.786 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

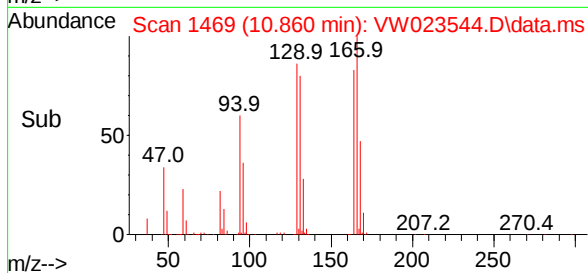
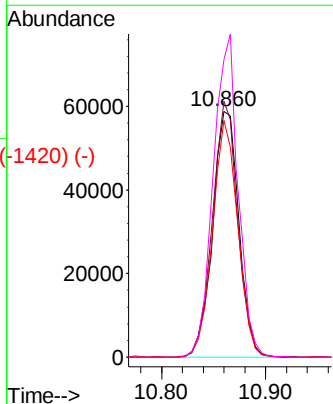
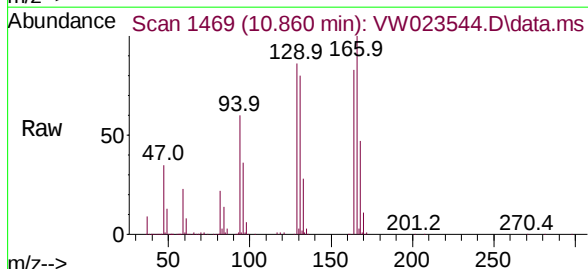
Instrument :
 MSVOA_W
 ClientSampleId :

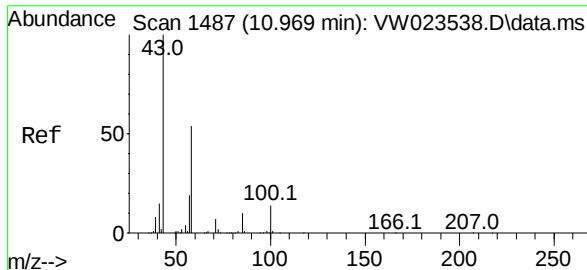
Tgt Ion:	97	Resp:	103431
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.9	81.5
83	86.8	59.8	111.0
85	55.1	41.1	76.3



Scan 1469 (10.860 min): VW023538.D\data.ms (-1446) (-)
 Tetrachloroethene
 Concen: 24.682 ug/L
 RT: 10.860 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion:	164	Resp:	103408
Ion	Ratio	Lower	Upper
164	100		
129	104.0	71.3	132.3
131	96.2	67.0	124.4
166	120.9	90.2	167.6

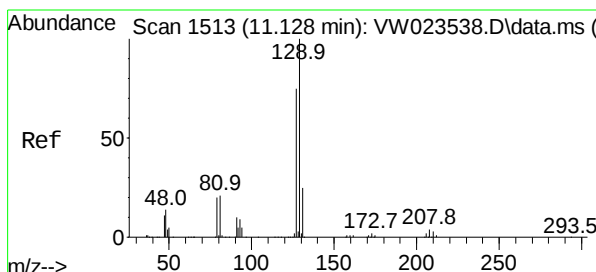
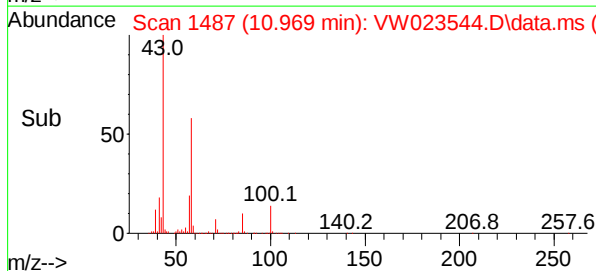
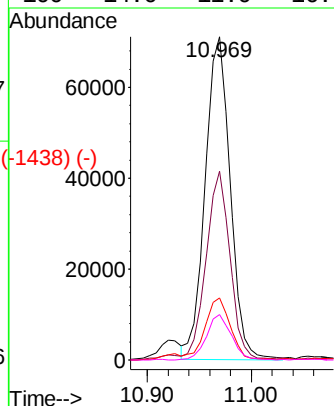
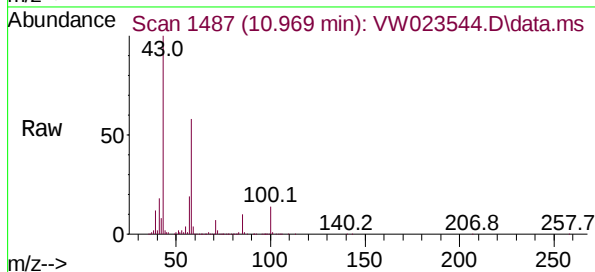




2-Hexanone
Concen: 56.207 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

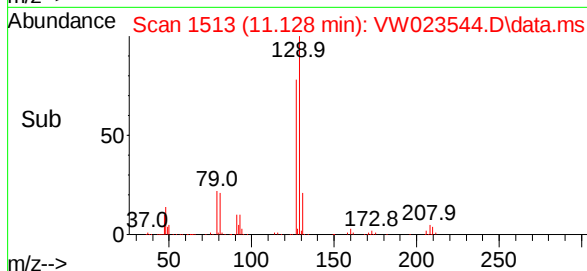
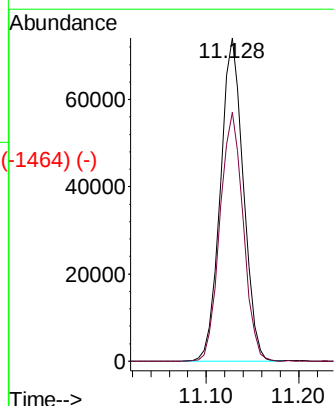
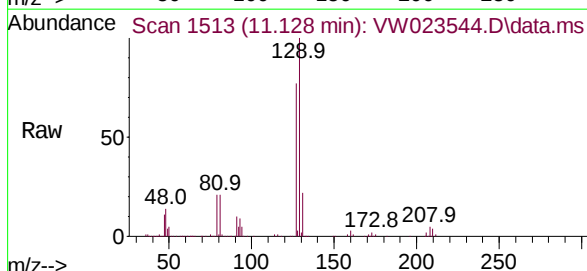
Instrument :
MSVOA_W
ClientSampleId :

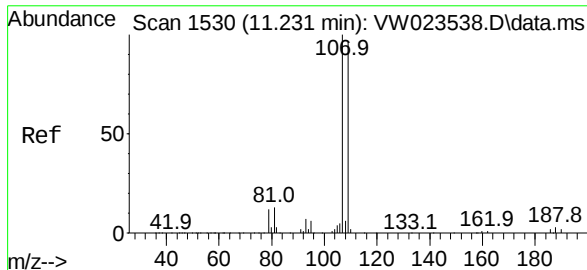
Tgt Ion:	43	Resp:	118994
Ion	Ratio	Lower	Upper
43	100		
58	55.6	43.7	65.5
57	19.5	15.7	23.5
100	14.0	11.0	16.4



Dibromochloromethane
Concen: 26.172 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

Tgt Ion:	129	Resp:	127885
Ion	Ratio	Lower	Upper
129	100		
127	77.0	52.7	97.9

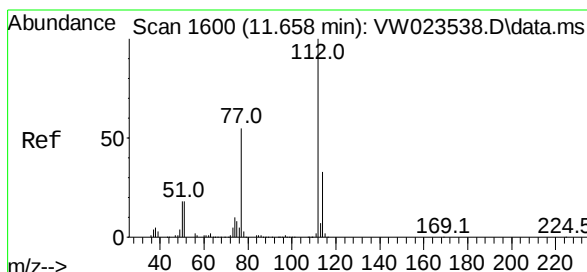
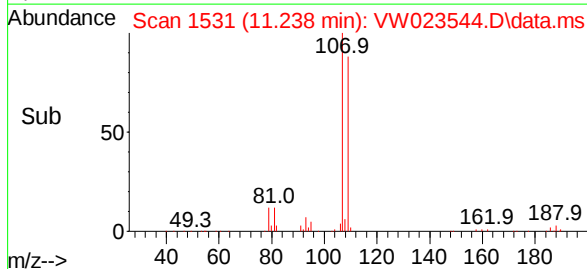
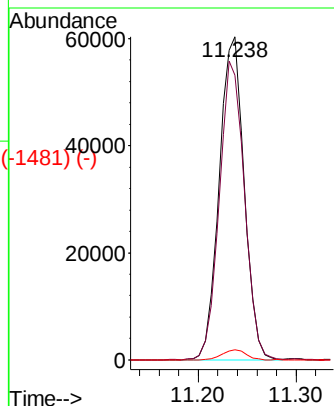
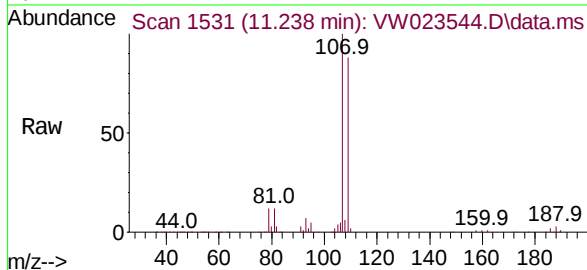




1,2-Dibromoethane
Concen: 26.801 ug/L
RT: 11.238 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

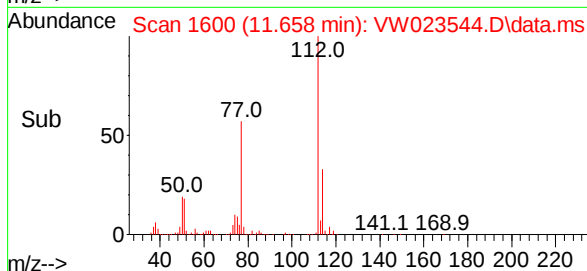
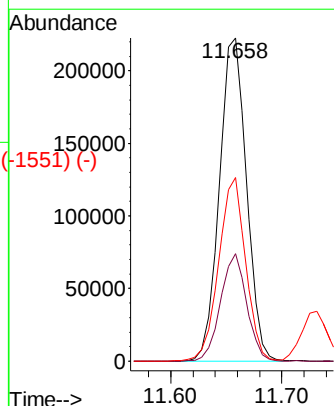
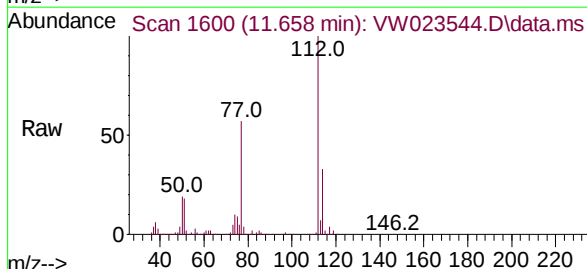
Instrument :
MSVOA_W
ClientSampleId :

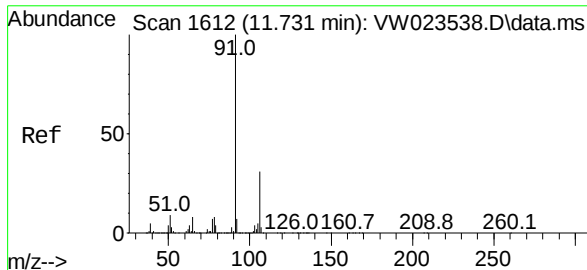
Tgt Ion:107 Resp: 106791
Ion Ratio Lower Upper
107 100
109 88.2 67.2 124.8
188 3.1 2.7 4.1



Chlorobenzene
Concen: 25.624 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

Tgt Ion:112 Resp: 377076
Ion Ratio Lower Upper
112 100
114 33.3 23.1 42.9
77 56.7 44.2 66.4

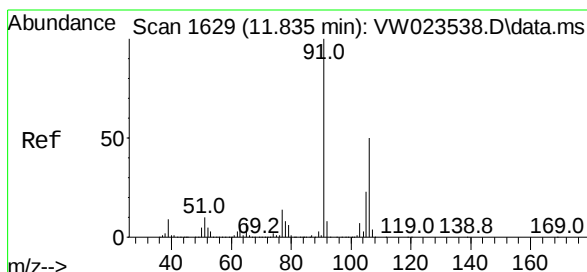
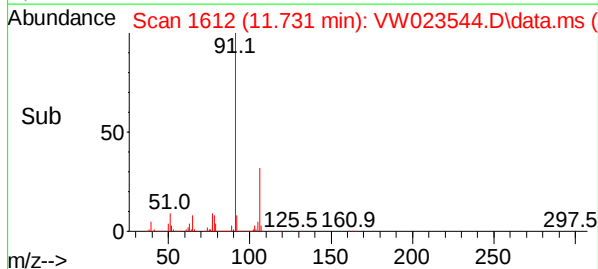
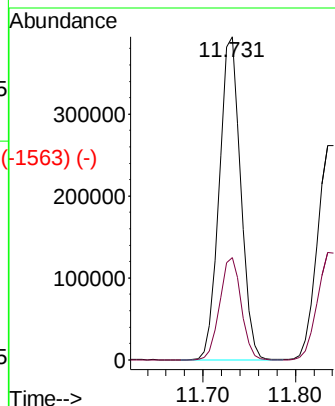
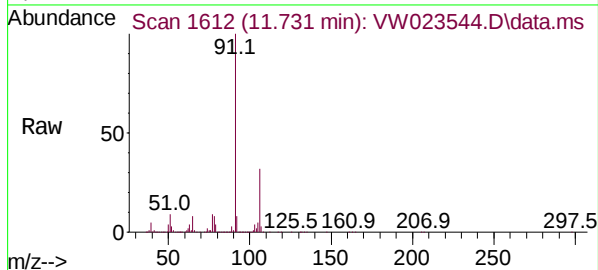




Ethylbenzene
Concen: 26.419 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

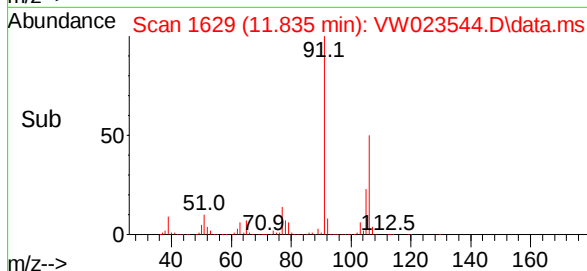
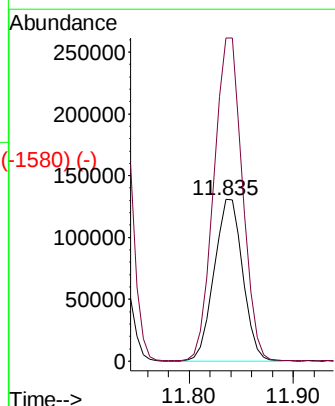
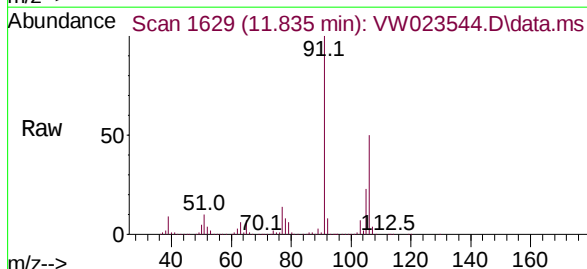
Instrument :
MSVOA_W
ClientSampleId :

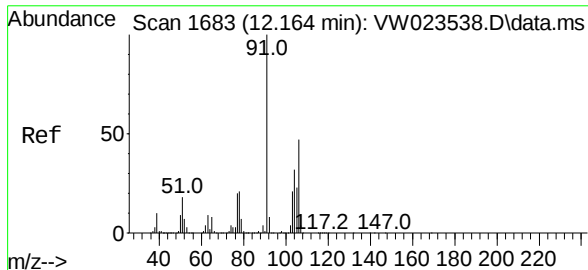
Tgt Ion: 91 Resp: 633717
Ion Ratio Lower Upper
91 100
106 31.6 21.4 39.8



m,p-Xylene
Concen: 26.646 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

Tgt Ion:106 Resp: 251302
Ion Ratio Lower Upper
106 100
91 199.7 140.8 261.6

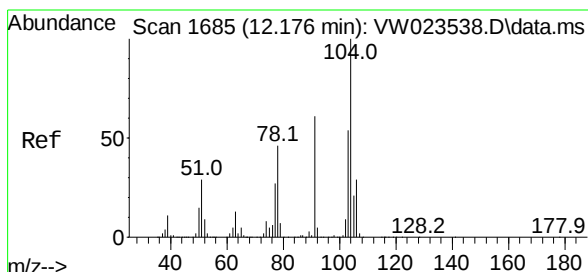
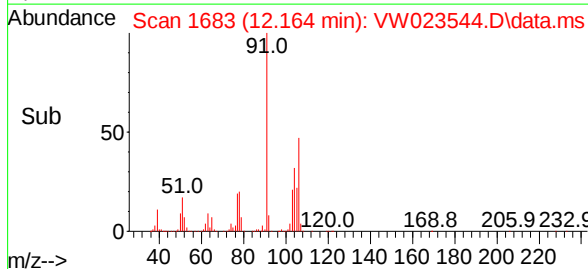
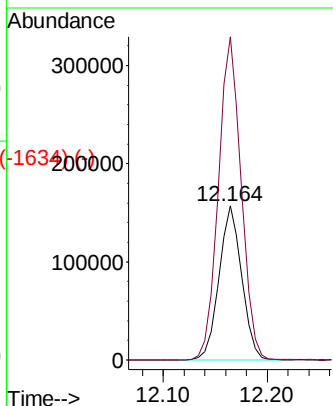
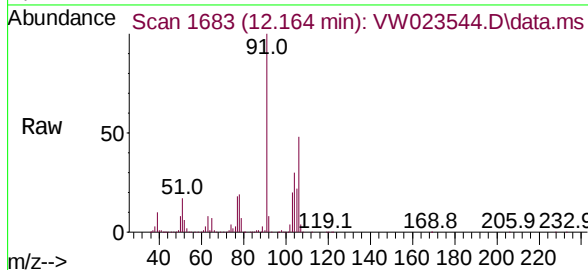




Scan 1683 (12.164 min): VW023538.D\data.ms (-1654) (-)
 o-Xylene
 Concen: 26.925 ug/L
 RT: 12.164 min Scan# 1654
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

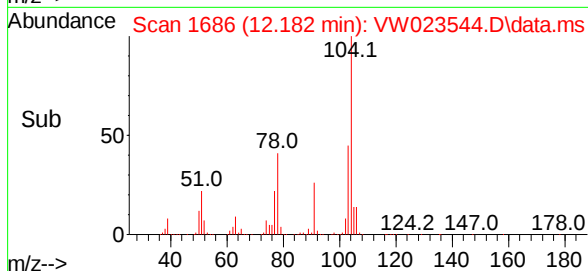
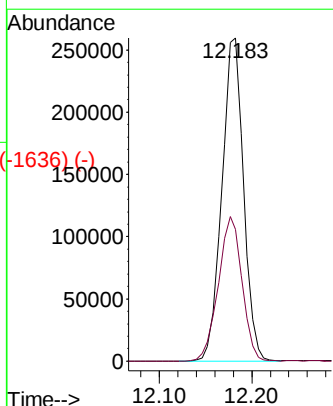
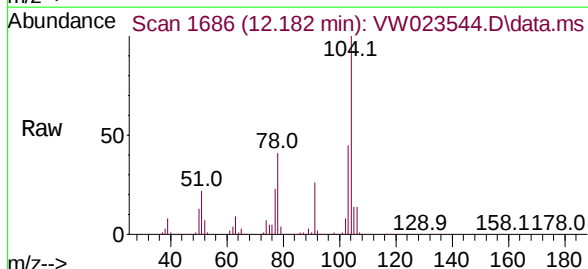
Instrument :
 MSVOA_W
 ClientSampleId :

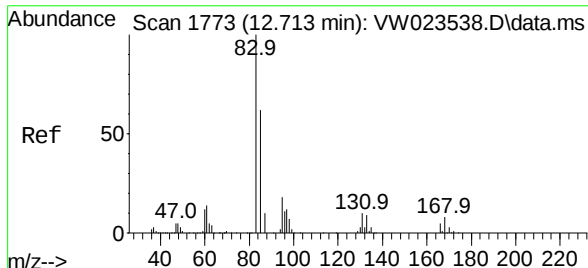
Tgt Ion:106 Resp: 239845
 Ion Ratio Lower Upper
 106 100
 91 209.5 149.3 277.3



Scan 1685 (12.176 min): VW023538.D\data.ms (-1655) (-)
 Styrene
 Concen: 27.241 ug/L
 RT: 12.182 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion:104 Resp: 424094
 Ion Ratio Lower Upper
 104 100
 78 40.8 32.3 59.9

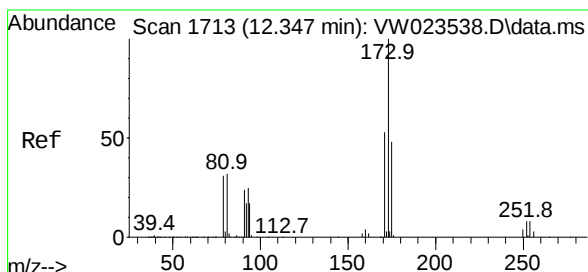
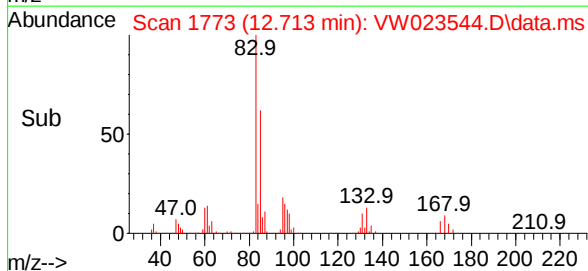
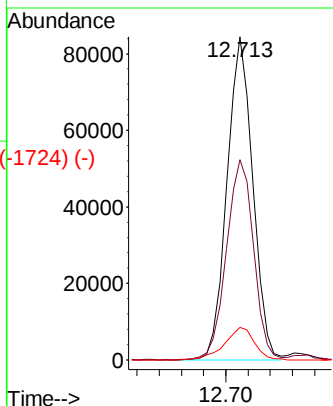
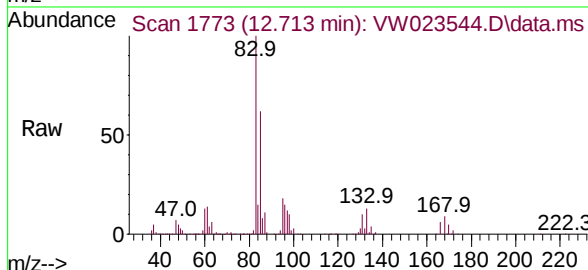




Scan 1773 (12.713 min): VW023538.D\data.ms (-1756) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 26.388 ug/L
 RT: 12.713 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

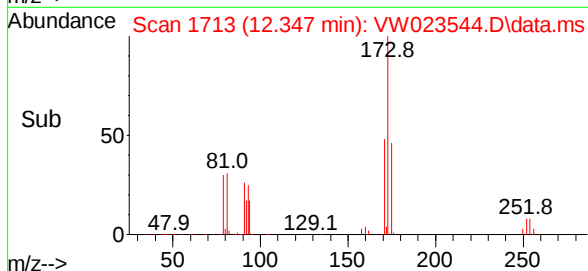
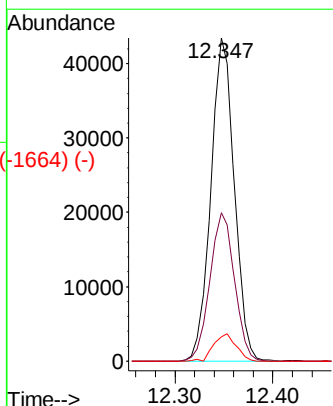
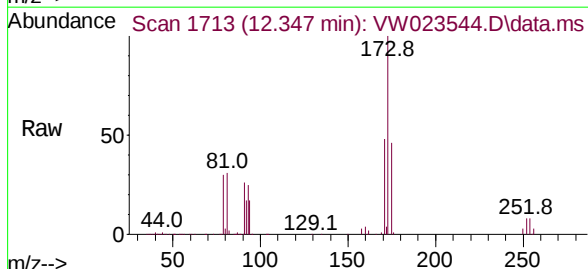
Instrument :
 MSVOA_W
 ClientSampleId :

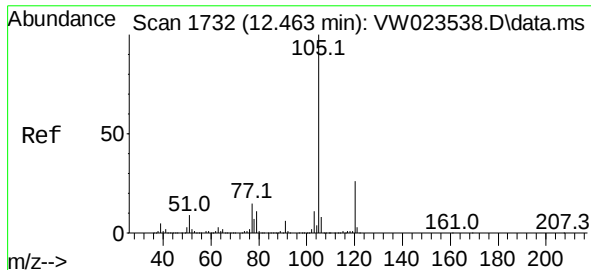
Tgt Ion:	83	Resp:	135714
Ion	Ratio	Lower	Upper
83	100		
85	62.1	44.0	81.6
131	10.1	8.5	12.7



Scan 1713 (12.347 min): VW023538.D\data.ms (-1759) (-)
 Bromoform
 Concen: 25.141 ug/L
 RT: 12.347 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion:	173	Resp:	72200
Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.9	56.9
254	7.9	7.0	10.4





Isopropylbenzene

Concen: 25.548 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023544.D

Acq: 30 Jun 2022 13:45

Instrument :

MSVOA_W

ClientSampleId :

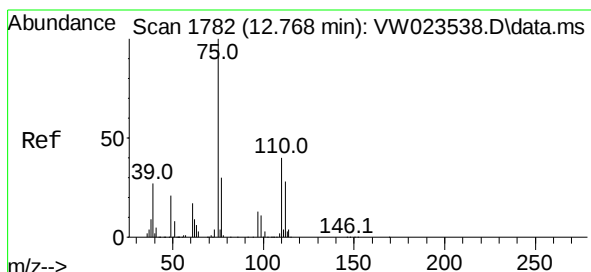
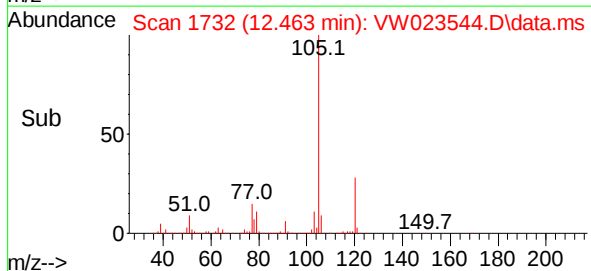
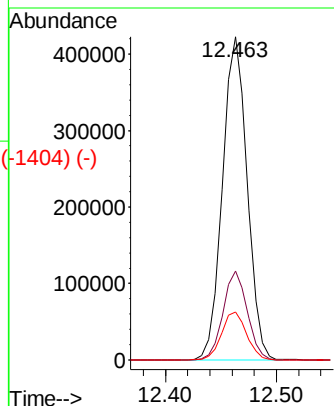
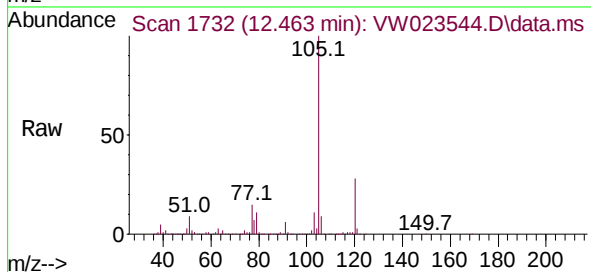
Tgt Ion:105 Resp: 652341

Ion Ratio Lower Upper

105 100

120 26.8 21.3 31.9

77 15.1 12.4 18.6



1,2,3-Trichloropropane

Concen: 24.439 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023544.D

Acq: 30 Jun 2022 13:45

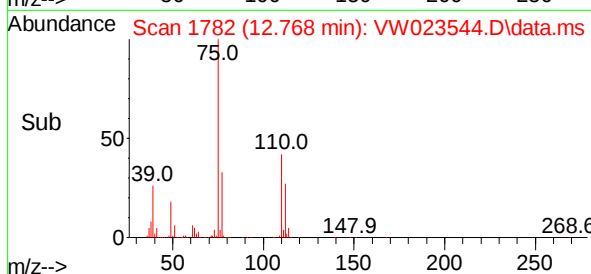
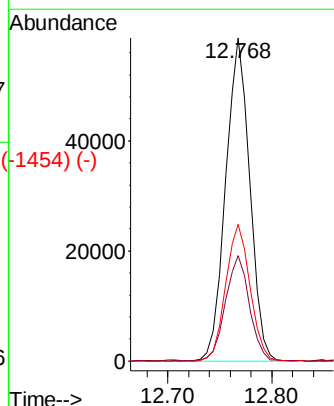
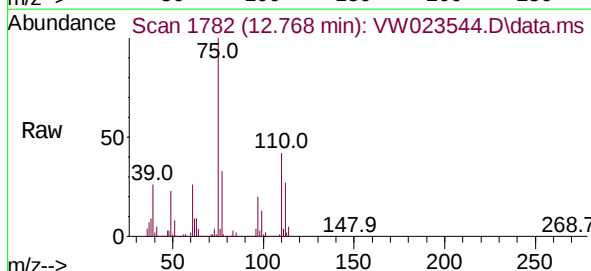
Tgt Ion: 75 Resp: 95288

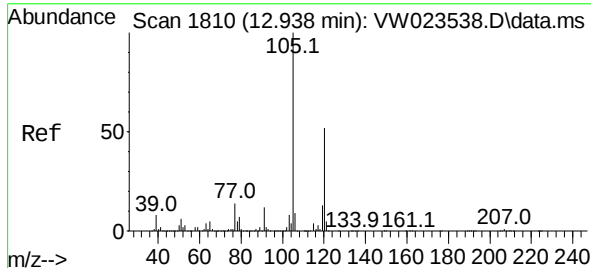
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 42.7 34.3 51.5

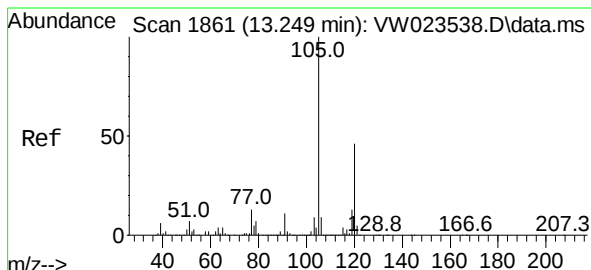
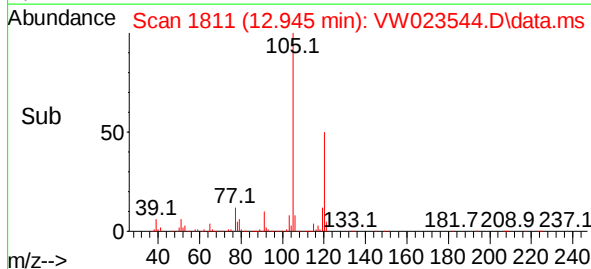
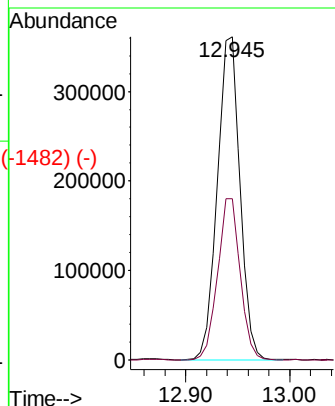
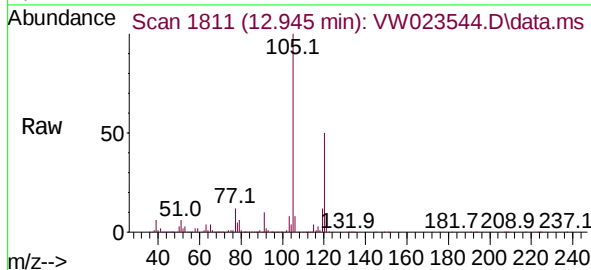




1,3,5-Trimethylbenzene
Concen: 25.972 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

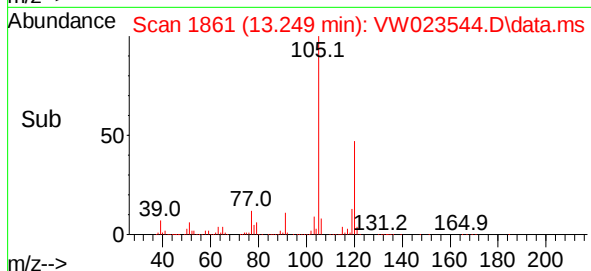
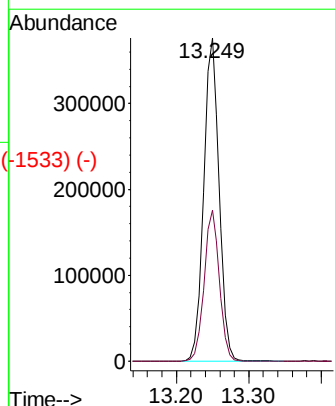
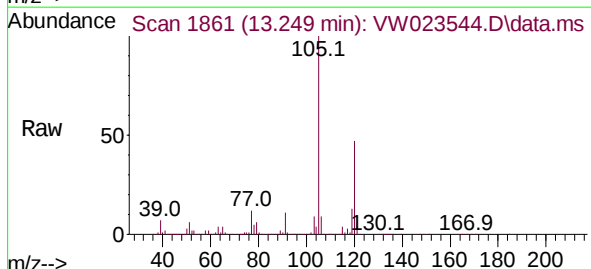
Instrument :
MSVOA_W
ClientSampleId :

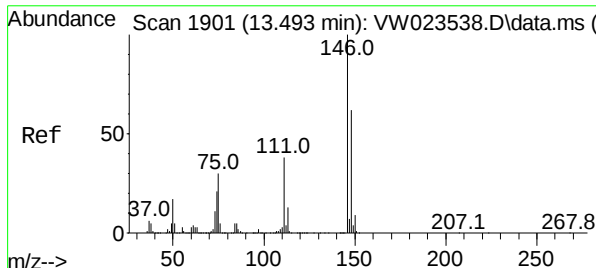
Tgt Ion:105 Resp: 550972
Ion Ratio Lower Upper
105 100
120 49.8 39.7 59.5



1,2,4-Trimethylbenzene
Concen: 26.296 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

Tgt Ion:105 Resp: 559828
Ion Ratio Lower Upper
105 100
120 46.3 36.9 55.3

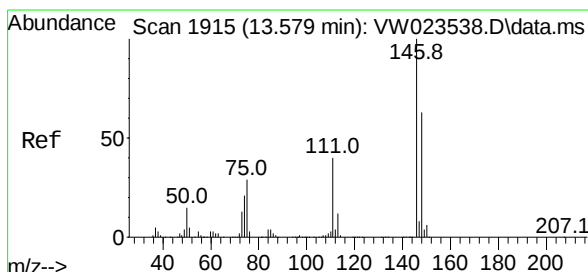
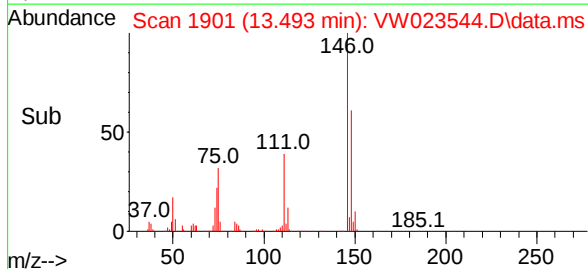
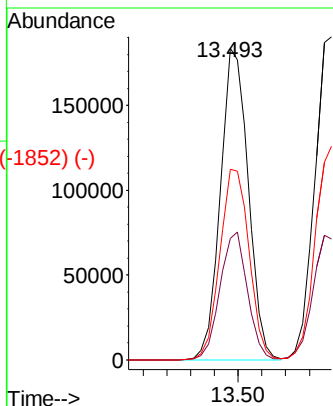
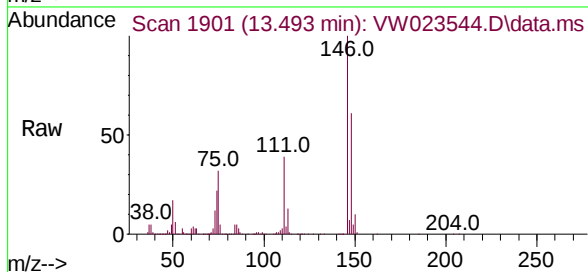




Scan 1901 (13.493 min): VW023538.D\data.ms (-1864) (-)
 1,3-Dichlorobenzene
 Concen: 24.409 ug/L
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

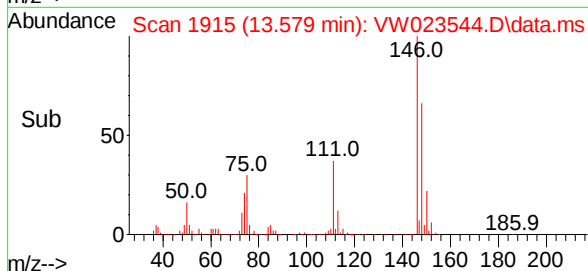
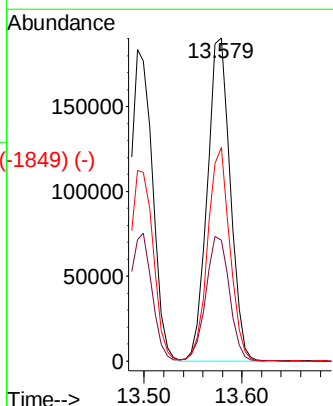
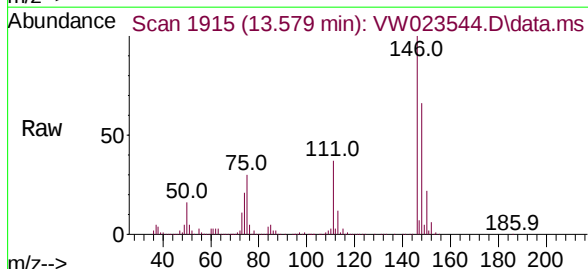
Instrument :
 MSVOA_W
 ClientSampleId :

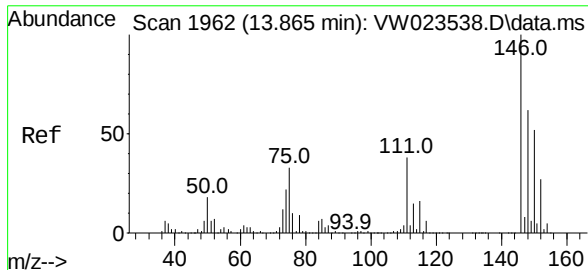
Tgt Ion:	146	Resp:	299553
Ion	Ratio	Lower	Upper
146	100		
111	39.0	26.7	49.7
148	61.2	43.3	80.5



Scan 1915 (13.579 min): VW023538.D\data.ms (-1865) (-)
 1,4-Dichlorobenzene
 Concen: 24.916 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion:	146	Resp:	310106
Ion	Ratio	Lower	Upper
146	100		
111	37.5	28.2	52.4
148	66.2	44.4	82.4

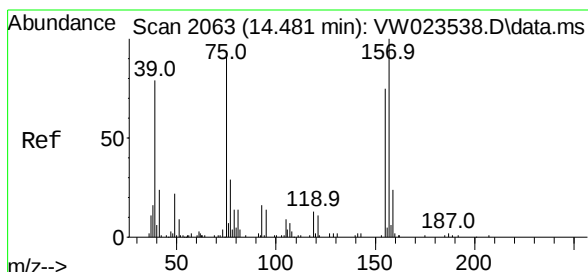
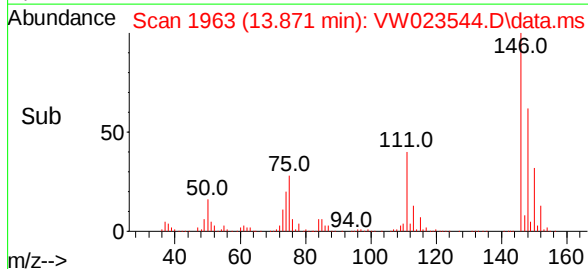
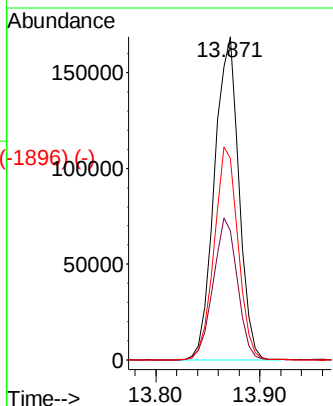
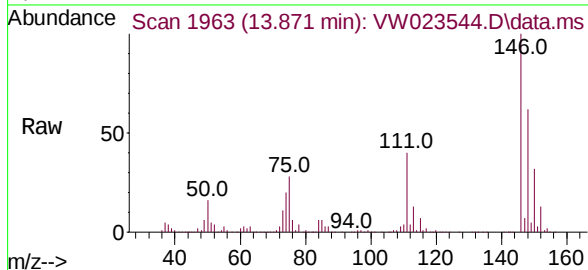




1,2-Dichlorobenzene
 Concen: 24.983 ug/L
 RT: 13.871 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

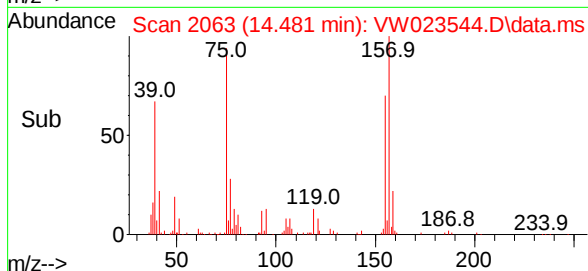
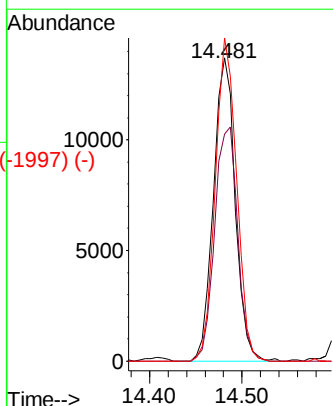
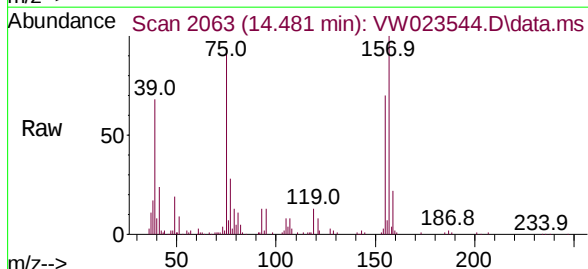
Instrument :
 MSVOA_W
 ClientSampleId :

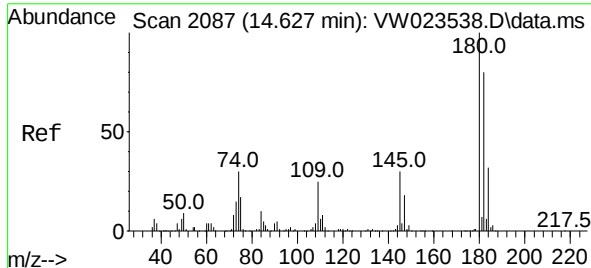
Tgt Ion:	146	Resp:	277847
Ion	Ratio	Lower	Upper
146	100		
111	40.0	30.6	45.8
148	62.4	49.9	74.9



1,2-Dibromo-3-chloropropane
 Concen: 25.119 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion:	75	Resp:	22397
Ion	Ratio	Lower	Upper
75	100		
155	74.9	63.8	95.6
157	106.4	85.0	127.4

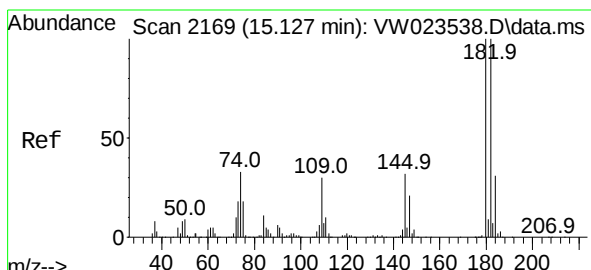
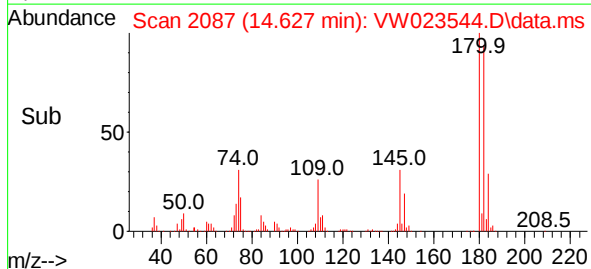
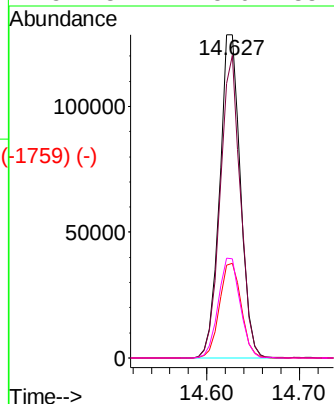
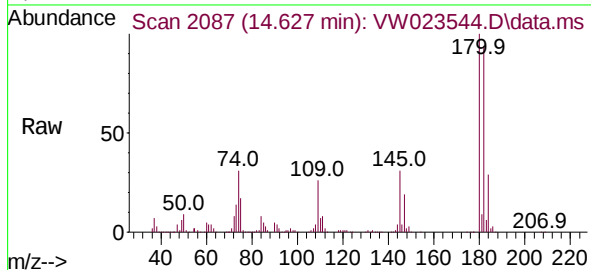




1,3,5-Trichlorobenzene
Concen: 24.475 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

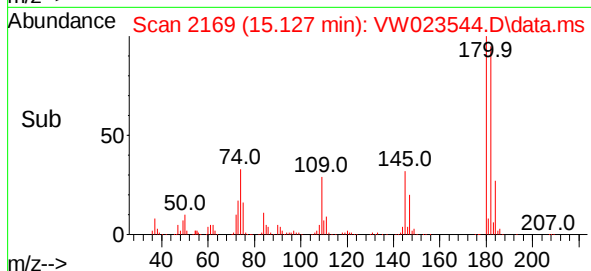
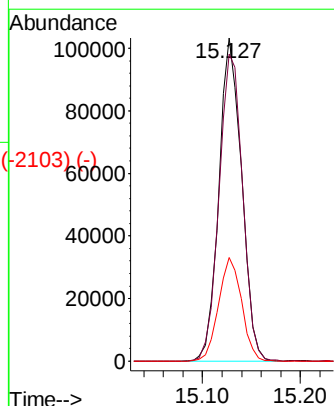
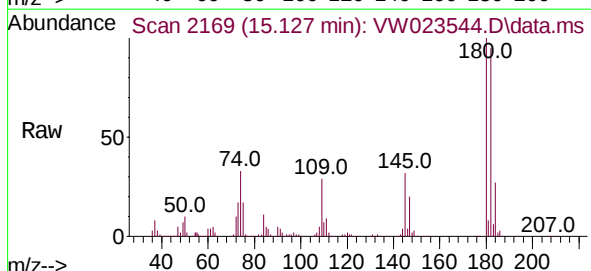
Instrument :
MSVOA_W
ClientSampleId :

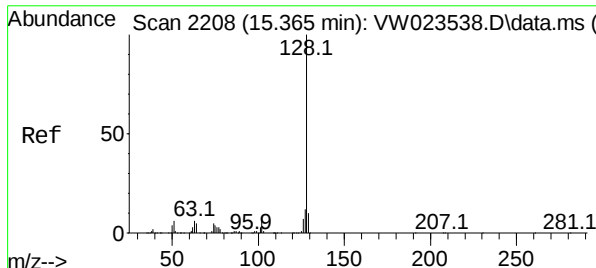
Tgt Ion:	180	Resp:	200540
Ion	Ratio	Lower	Upper
180	100		
182	91.2	75.5	113.3
184	30.6	24.6	36.8
145	32.4	25.6	38.4



1,2,4-trichlorobenzene
Concen: 25.129 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023544.D
Acq: 30 Jun 2022 13:45

Tgt Ion:	180	Resp:	166164
Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.0	115.4
145	32.6	26.1	39.1

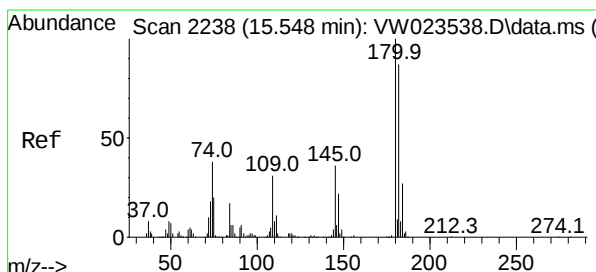
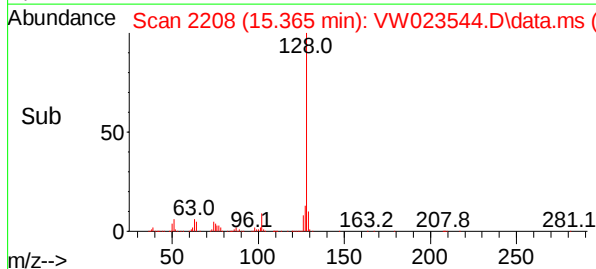
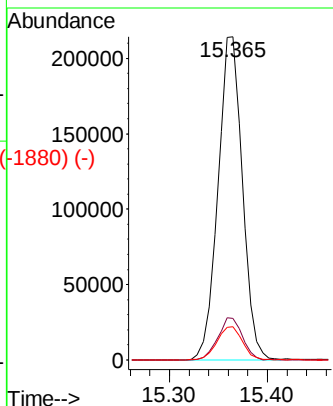
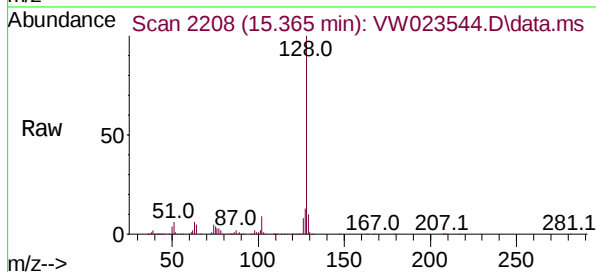




Scan 2208 (15.365 min): VW023538.D\data.ms (-179) (-)
 Naphthalene
 Concen: 27.054 ug/L
 RT: 15.365 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	371154
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.8	8.7	13.1



Scan 2238 (15.548 min): VW023538.D\data.ms (-222) (-)
 1,2,3-Trichlorobenzene
 Concen: 25.710 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. 0.000 min
 Lab File: VW023544.D
 Acq: 30 Jun 2022 13:45

Tgt Ion:	180	Resp:	155162
Ion	Ratio	Lower	Upper
180	100		
182	98.2	75.6	113.4
145	34.4	28.2	42.2

