

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070822\
 Data File : VW023590.D
 Acq On : 08 Jul 2022 14:19
 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 08 23:21:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 08 23:21:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	334157	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	327640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179509	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	149590	24.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.920%
7) Chloroethane-d5	2.879	69	81911	23.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	4.013	63	164761	24.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.640%
21) 2-Butanone-d5	7.080	46	68443	54.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.980%
24) Chloroform-d	7.647	84	236771	24.876	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	8.305	65	133730	24.858	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.440%
32) Benzene-d6	8.268	84	457215	25.221	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.880%
36) 1,2-Dichloropropane-d6	9.274	67	129595	24.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.680%
41) Toluene-d8	10.323	98	441682	25.136	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.560%
43) trans-1,3-Dichloroprop...	10.579	79	59927	25.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.160%
47) 2-Hexanone-d5	10.920	63	57203	55.107	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	137954	26.200	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	158889	24.533	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	55324	27.679	ug/L	97
3) Chloromethane	2.215	50	97902	21.151	ug/L	97
5) Vinyl chloride	2.355	62	176542	23.462	ug/L	98
6) Bromomethane	2.776	94	85525	19.688	ug/L	100
8) Chloroethane	2.916	64	60805	21.389	ug/L	92
9) Trichlorofluoromethane	3.251	101	81577	27.175	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	105516	22.141	ug/L	99
12) 1,1-Dichloroethene	4.025	96	89838	22.608	ug/L	92
13) Acetone	4.123	43	47719	51.546	ug/L	97
14) Carbon disulfide	4.373	76	250808	21.200	ug/L	96
15) Methyl Acetate	4.672	43	49416	22.742	ug/L	100
16) Methylene chloride	4.903	84	120008	21.177	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	103084	21.553	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	157140	22.252	ug/L	99
19) 1,1-Dichloroethane	6.208	63	190129	22.662	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	117923	22.511	ug/L	95
22) 2-Butanone	7.171	43	75297	45.329	ug/L	98
23) Bromochloromethane	7.513	128	55814	21.412	ug/L	97
25) Chloroform	7.671	83	215751	22.639	ug/L	96

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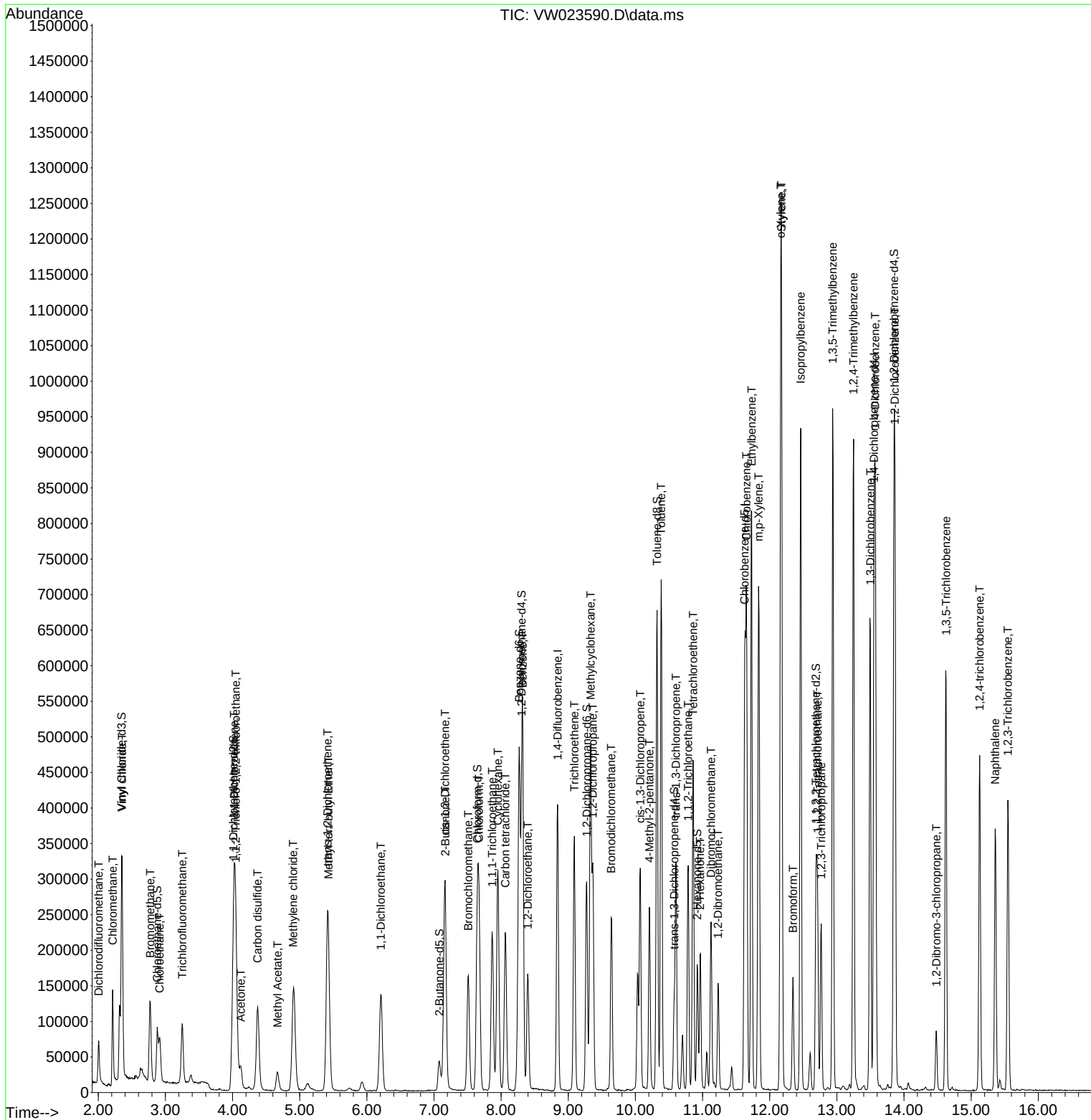
Instrument :
 MSVOA_W
 ClientSampleId :

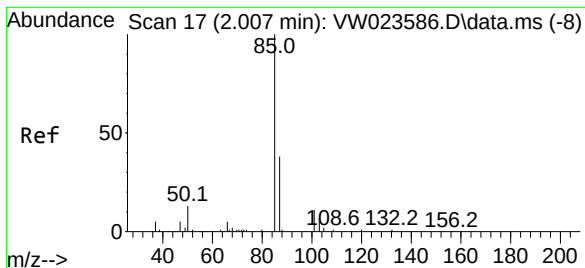
Quant Time: Jul 08 23:21:57 2022
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 Quant Title : SFAM01.0
 QLast Update : Fri Jul 08 23:21:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	145027	22.487	ug/L	100
29) Cyclohexane	7.951	56	158227	23.214	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	177063	22.730	ug/L	100
31) Carbon tetrachloride	8.061	117	159471	22.098	ug/L	99
33) Benzene	8.323	78	454538	22.094	ug/L	100
34) Trichloroethene	9.091	95	118745	22.145	ug/L	95
35) Methylcyclohexane	9.335	83	191578	22.208	ug/L	98
37) 1,2-Dichloropropane	9.366	63	113476	22.815	ug/L	99
38) Bromodichloromethane	9.640	83	159374	22.694	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	176876	23.313	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	156534	47.273	ug/L	99
42) Toluene	10.384	91	522177	23.262	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	166087	23.742	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	96636	22.572	ug/L	96
46) Tetrachloroethene	10.859	164	93827	22.261	ug/L	89
48) 2-Hexanone	10.963	43	115686	49.312	ug/L	99
49) Dibromochloromethane	11.128	129	118443	23.239	ug/L	99
50) 1,2-Dibromoethane	11.231	107	95045	22.488	ug/L	100
51) Chlorobenzene	11.652	112	343462	22.473	ug/L	97
52) Ethylbenzene	11.731	91	573442	22.626	ug/L	99
53) m,p-Xylene	11.835	106	228397	23.229	ug/L	98
54) o-Xylene	12.164	106	218858	23.244	ug/L	96
55) Styrene	12.176	104	386084	23.580	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	123194	22.363	ug/L	93
59) Bromoform	12.347	173	64357	21.433	ug/L	97
60) Isopropylbenzene	12.463	105	589905	22.739	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	89737	21.990	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	497666	23.133	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	494463	22.976	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	264927	21.589	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	267131	21.463	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	248823	21.988	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20620	21.442	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	170708	21.439	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	136201	21.170	ug/L	99
71) Naphthalene	15.359	128	308533	22.217	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	127655	21.405	ug/L	97

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

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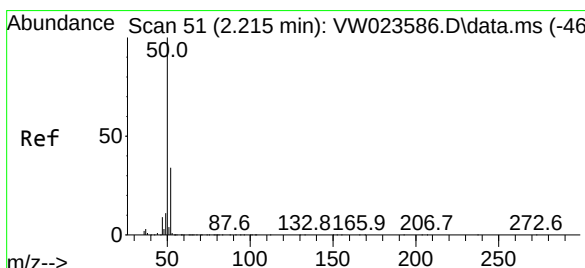
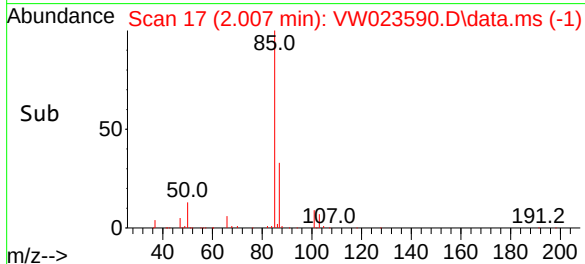
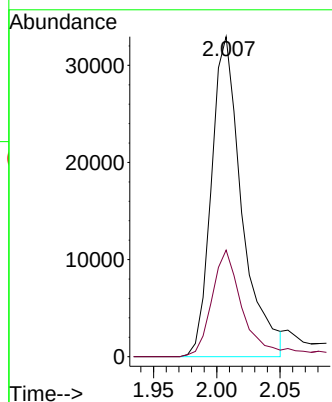
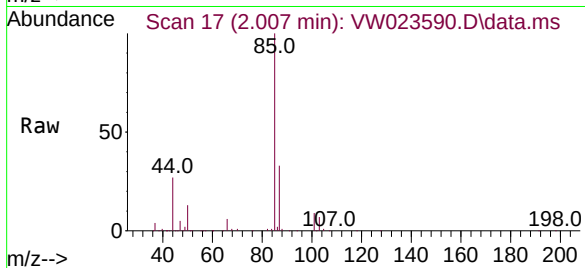




#2
 Dichlorodifluoromethane
 Concen: 27.679 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023590.D
 Acq: 08 Jul 2022 14:19

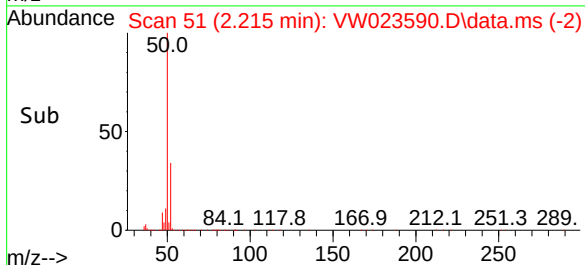
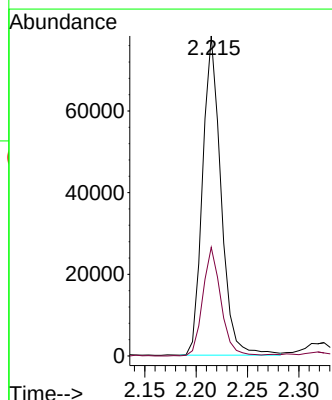
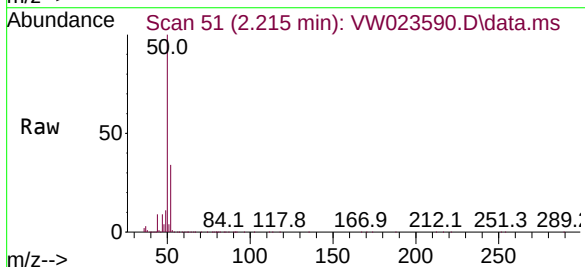
Instrument :
 MSVOA_W
 ClientSampleId :

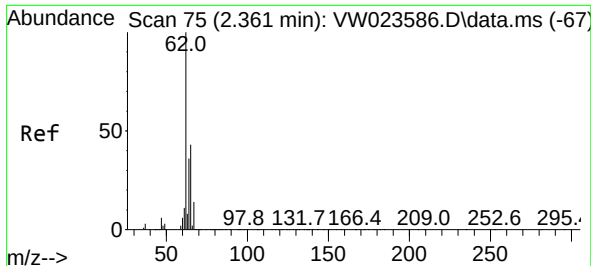
Tgt Ion: 85 Resp: 55324
 Ion Ratio Lower Upper
 85 100
 87 34.4 26.0 39.0



#3
 Chloromethane
 Concen: 21.151 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023590.D
 Acq: 08 Jul 2022 14:19

Tgt Ion: 50 Resp: 97902
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.5 41.9

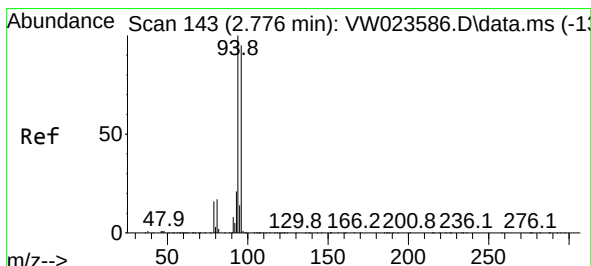
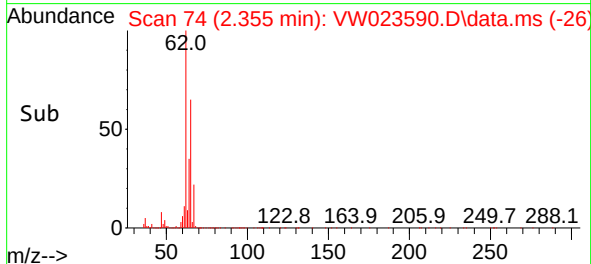
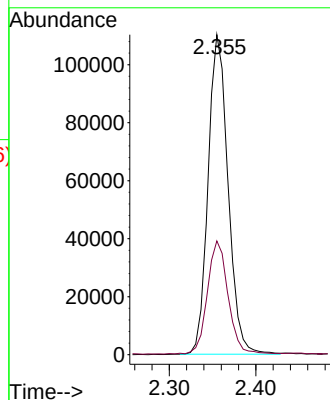
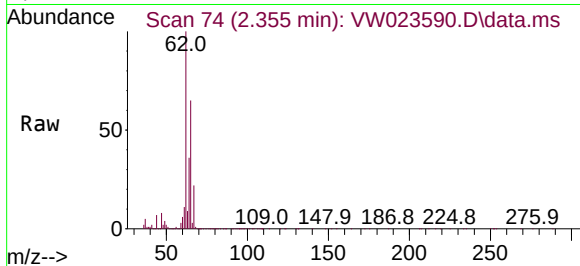




#5
 Vinyl chloride
 Concen: 23.462 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023590.D
 Acq: 08 Jul 2022 14:19

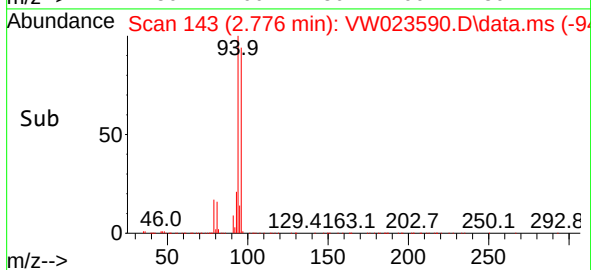
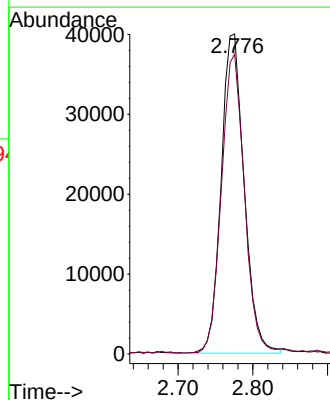
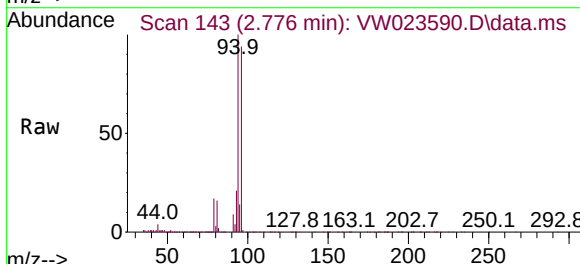
Instrument :
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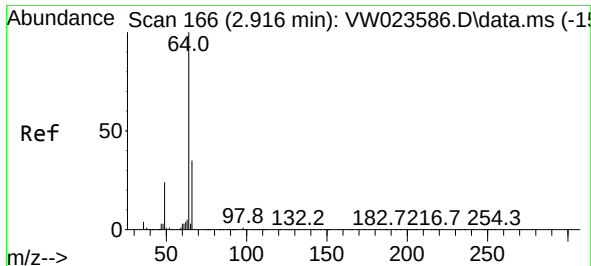
Tgt Ion: 62 Resp: 176542
 Ion Ratio Lower Upper
 62 100
 64 35.5 25.8 47.8



#6
 Bromomethane
 Concen: 19.688 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023590.D
 Acq: 08 Jul 2022 14:19

Tgt Ion: 94 Resp: 85525
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.6 121.8

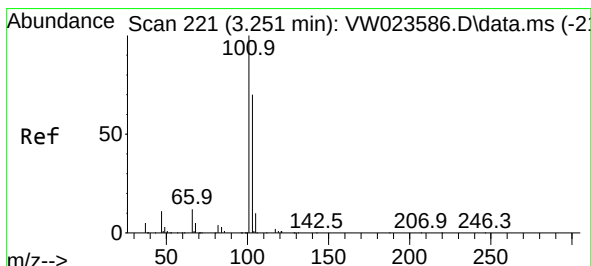
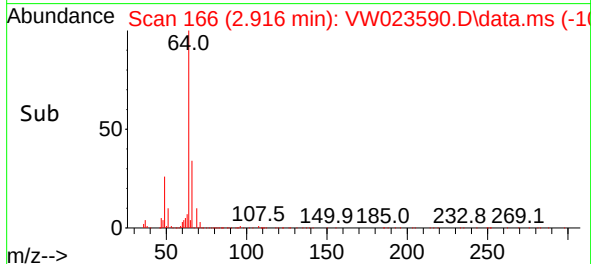
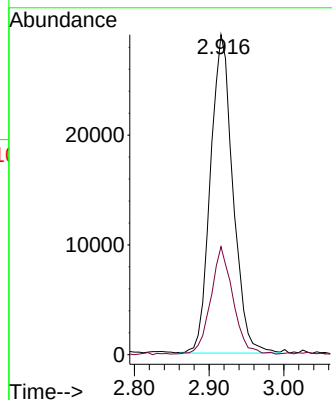
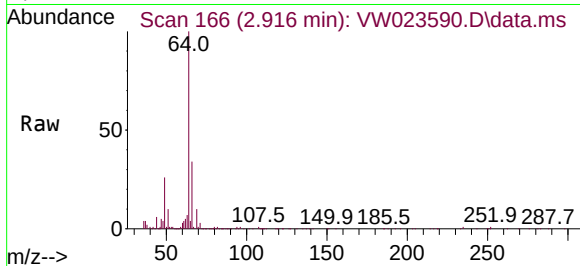




#8
Chloroethane
Concen: 21.389 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

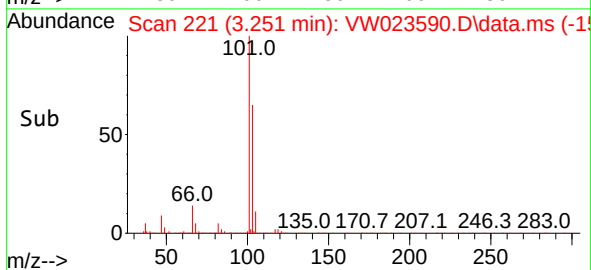
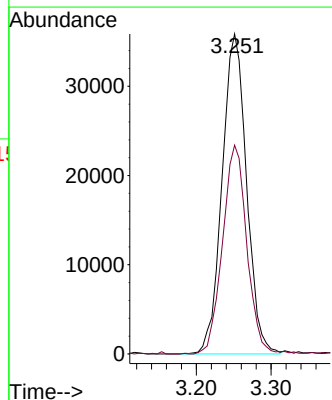
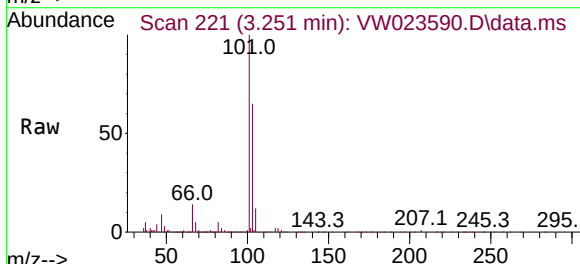
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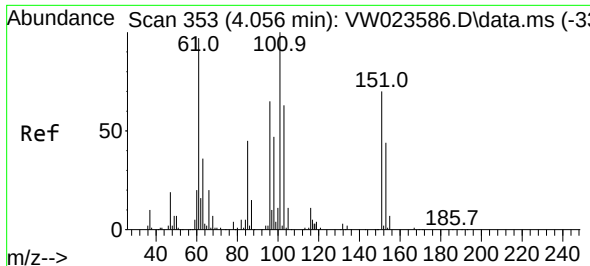
Tgt Ion: 64 Resp: 60805
Ion Ratio Lower Upper
64 100
66 33.8 20.6 38.2



#9
Trichlorofluoromethane
Concen: 27.175 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion: 101 Resp: 81577
Ion Ratio Lower Upper
101 100
103 64.4 53.2 79.8

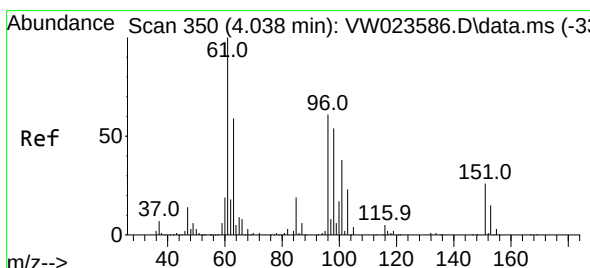
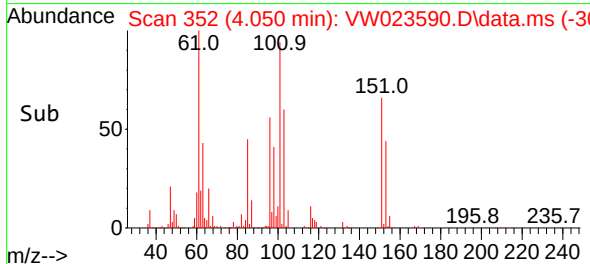
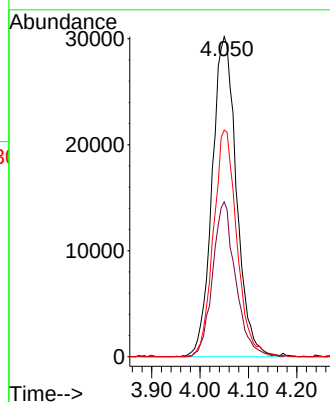
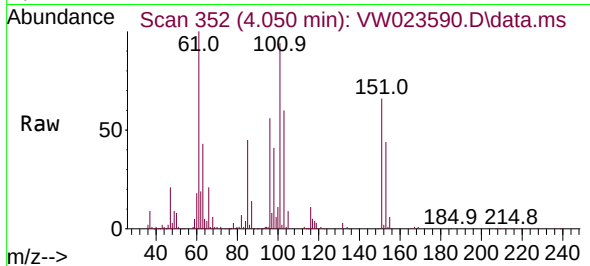




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.141 ug/L
 RT: 4.050 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW023590.D
 Acq: 08 Jul 2022 14:19

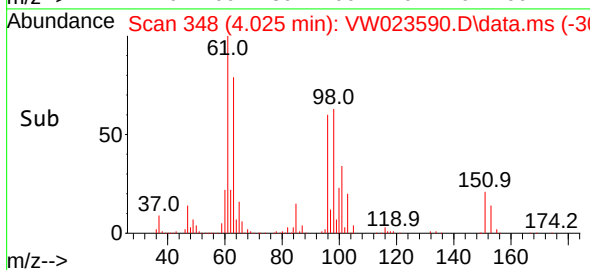
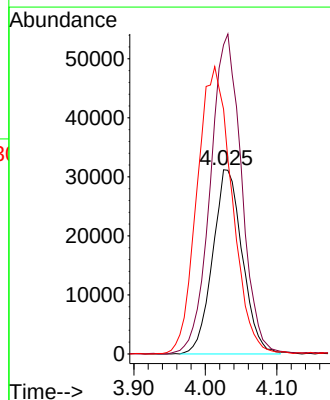
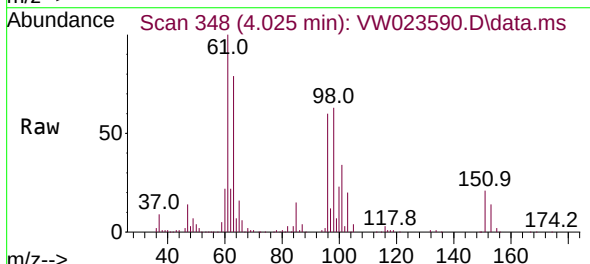
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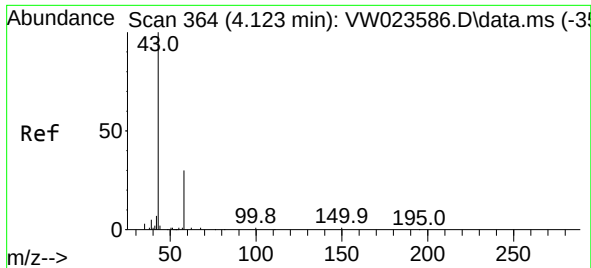
Tgt Ion:101 Resp: 105516
 Ion Ratio Lower Upper
 101 100
 85 45.5 37.0 55.4
 151 67.9 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 22.608 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.012 min
 Lab File: VW023590.D
 Acq: 08 Jul 2022 14:19

Tgt Ion: 96 Resp: 89838
 Ion Ratio Lower Upper
 96 100
 61 167.8 122.0 226.6
 63 132.9 83.0 154.2





#13

Acetone

Concen: 51.546 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

Instrument :

MSVOA_W

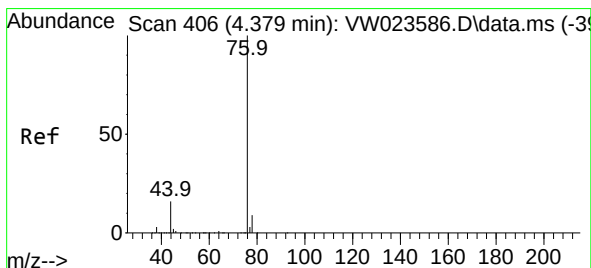
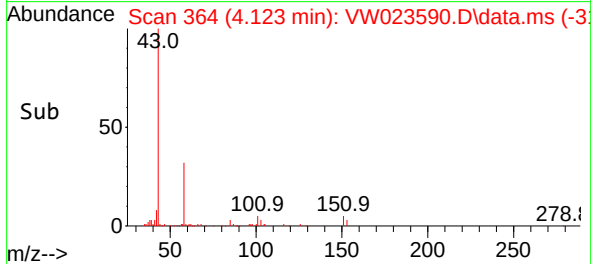
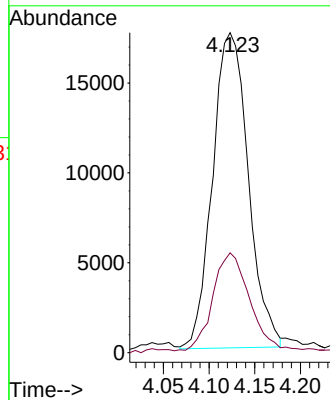
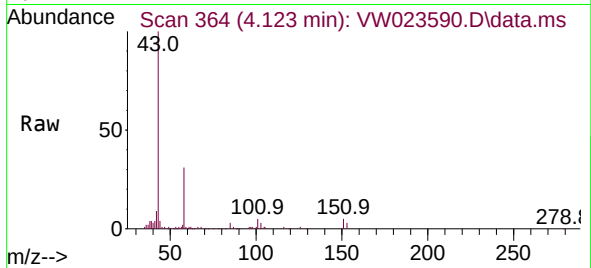
ClientSampleId :

Tgt Ion: 43 Resp: 47719

Ion Ratio Lower Upper

43 100

58 32.0 0.0 61.2



#14

Carbon disulfide

Concen: 21.200 ug/L

RT: 4.373 min Scan# 405

Delta R.T. -0.006 min

Lab File: VW023590.D

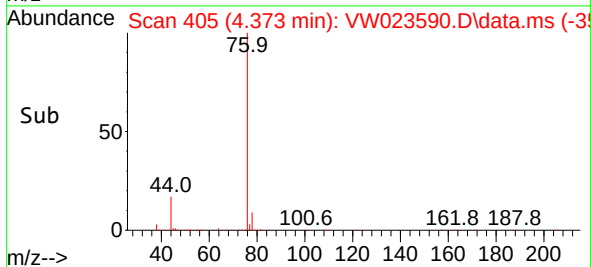
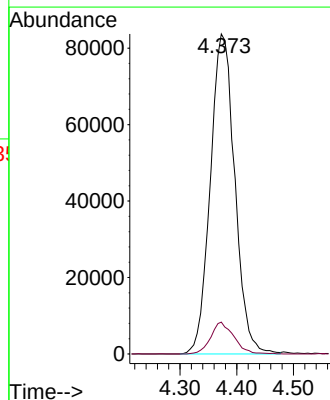
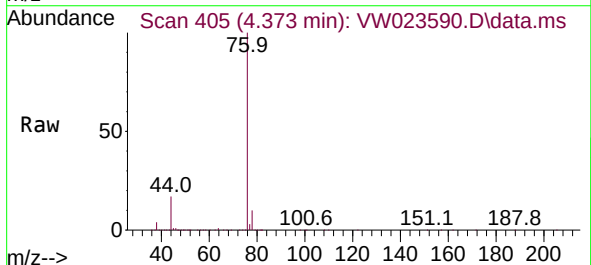
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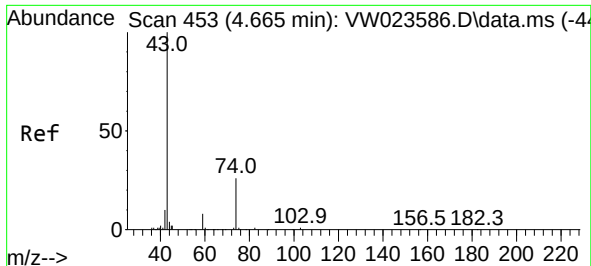
Tgt Ion: 76 Resp: 250808

Ion Ratio Lower Upper

76 100

78 10.0 6.8 10.2

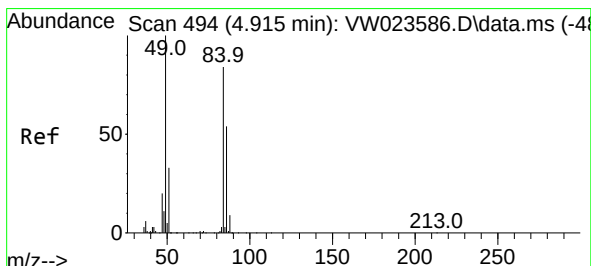
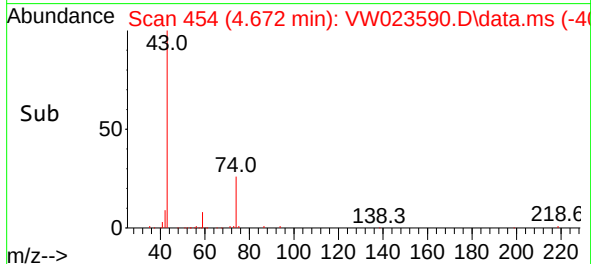
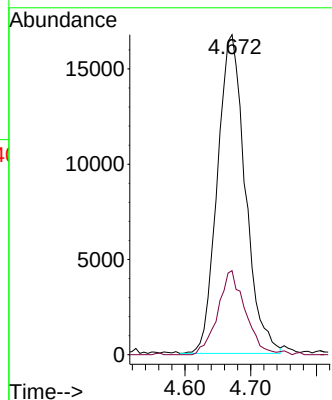
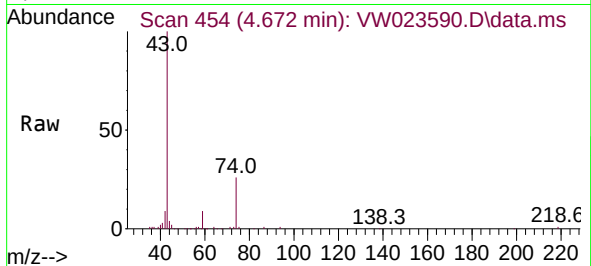




#15
Methyl Acetate
Concen: 22.742 ug/L
RT: 4.672 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

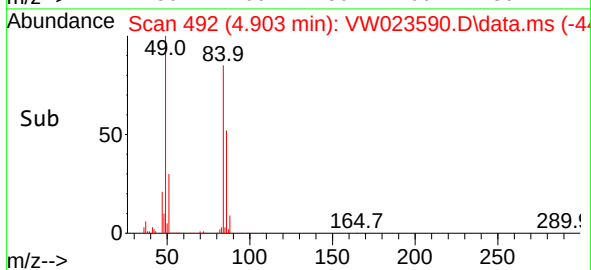
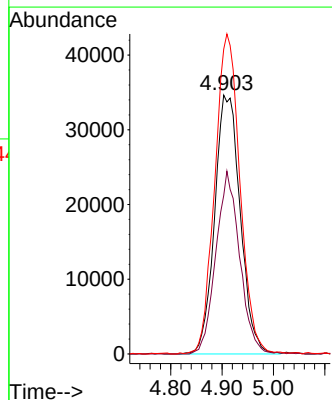
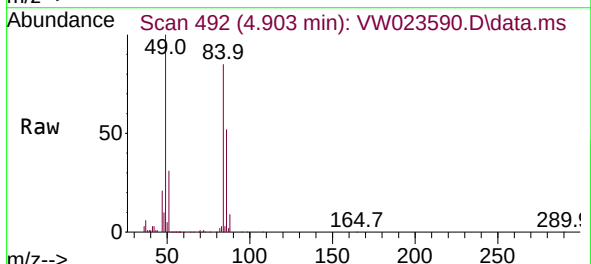
Instrument :
MSVOA_W
ClientSampleId :

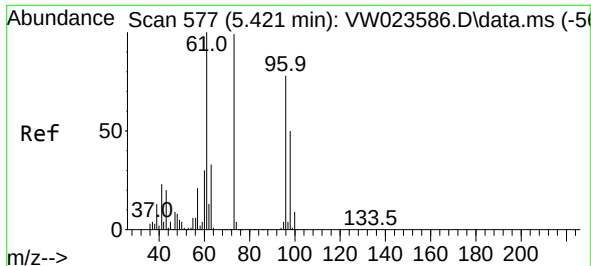
Tgt Ion: 43 Resp: 49416
Ion Ratio Lower Upper
43 100
74 25.7 20.4 30.6



#16
Methylene chloride
Concen: 21.177 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.012 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

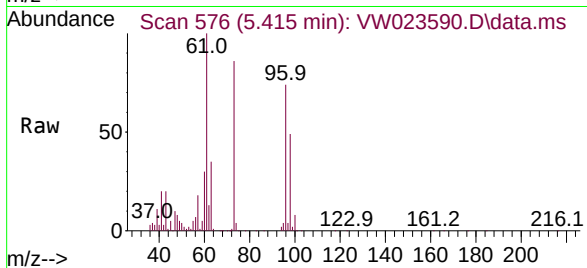
Tgt Ion: 84 Resp: 120008
Ion Ratio Lower Upper
84 100
86 61.2 44.9 83.3
49 117.7 87.6 162.6





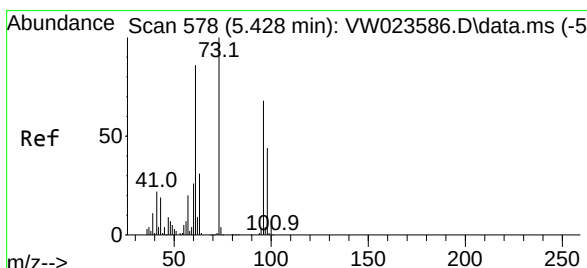
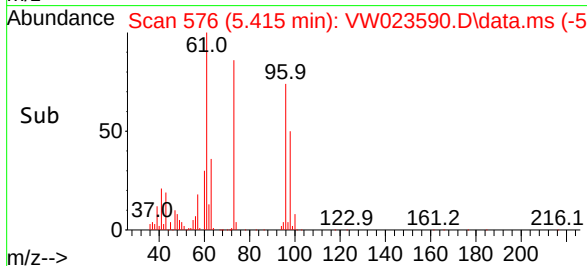
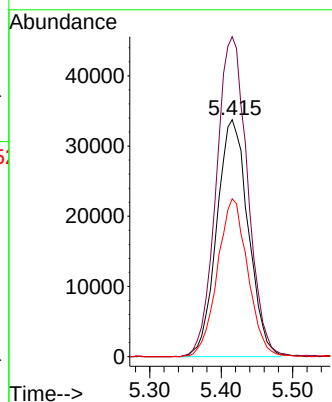
#17
trans-1,2-Dichloroethene
Concen: 21.553 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 103084

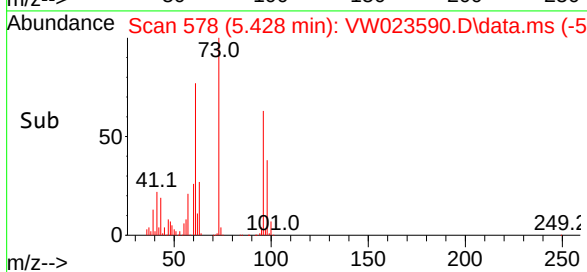
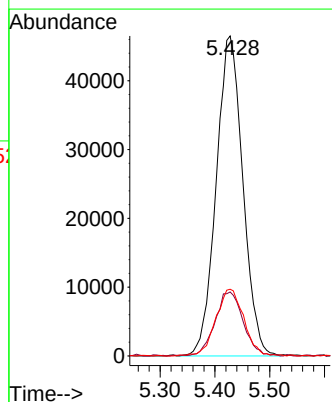
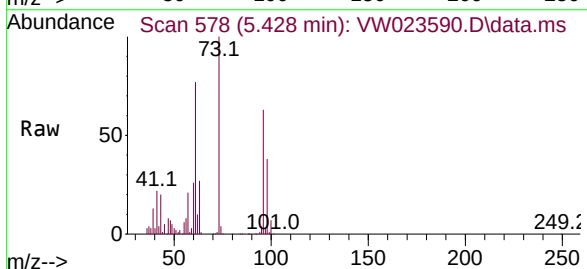
Ion	Ratio	Lower	Upper
96	100		
61	135.0	92.3	171.5
98	66.7	45.5	84.5

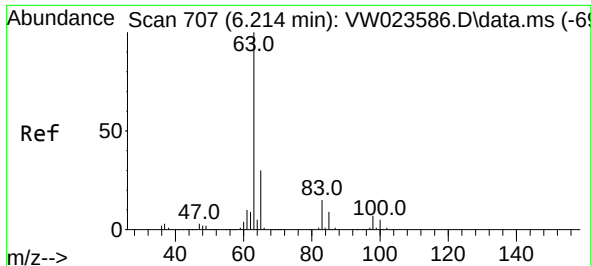


#18
Methyl tert-butyl Ether
Concen: 22.252 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion: 73 Resp: 157140

Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.2	24.2
57	21.7	16.9	25.3

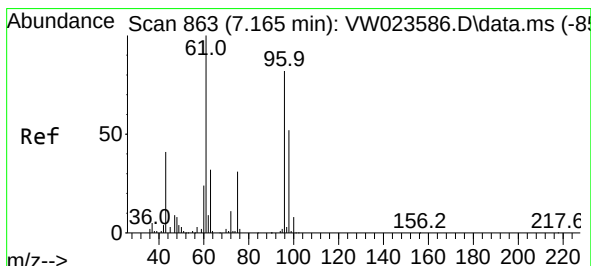
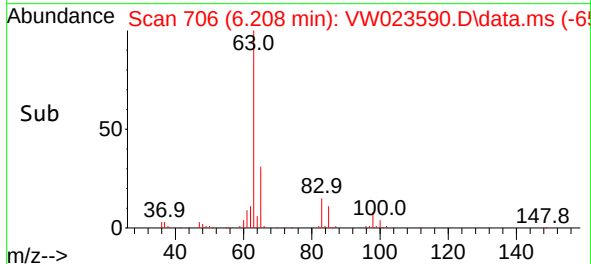
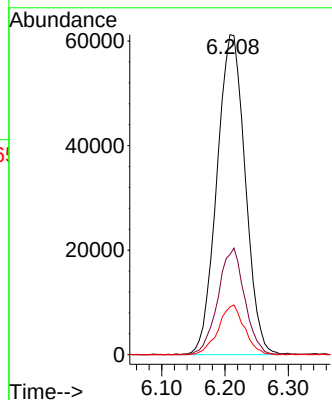
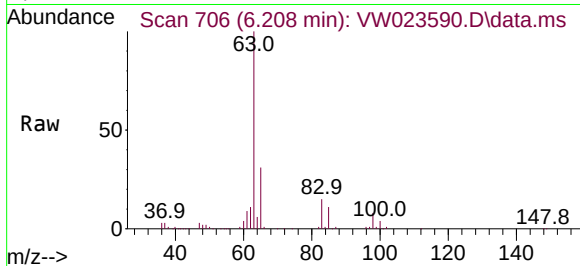




#19
1,1-Dichloroethane
Concen: 22.662 ug/L
RT: 6.208 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

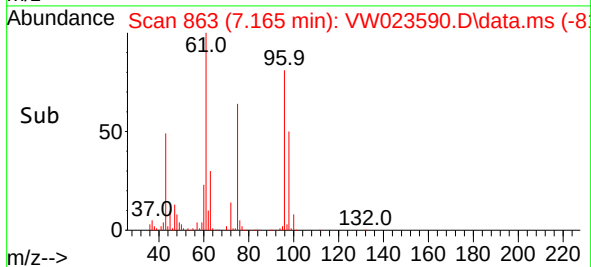
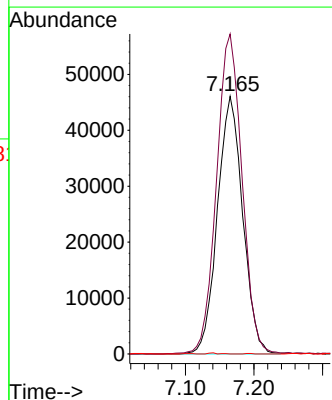
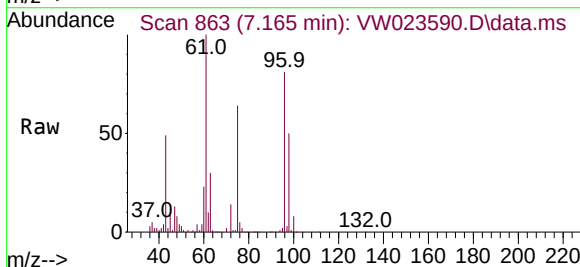
Instrument :
MSVOA_W
ClientSampleId :

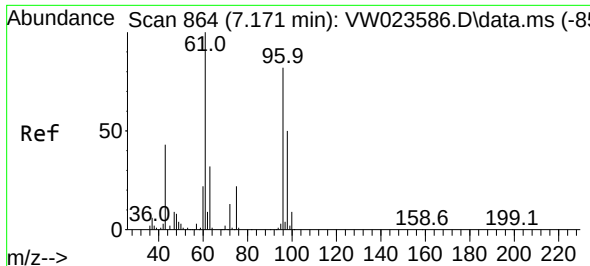
Tgt Ion: 63 Resp: 190129
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.3
83 14.9 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 22.511 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion: 96 Resp: 117923
Ion Ratio Lower Upper
96 100
61 124.2 83.2 154.6
68 0.0 0.0 0.0

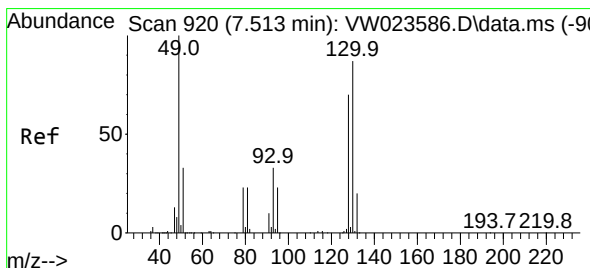
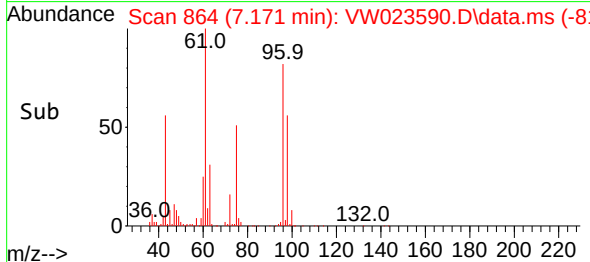
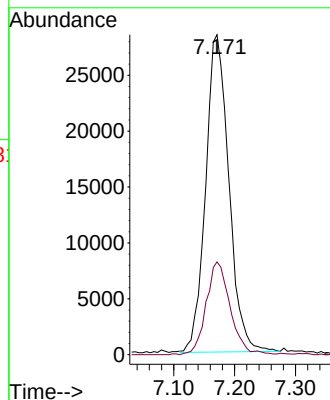
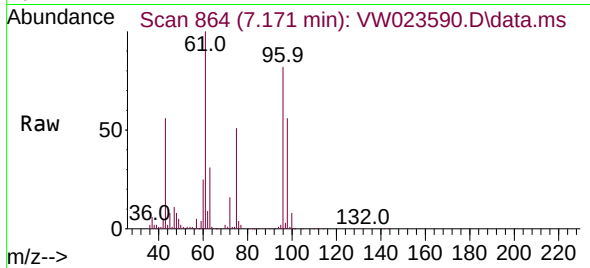




#22
2-Butanone
Concen: 45.329 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

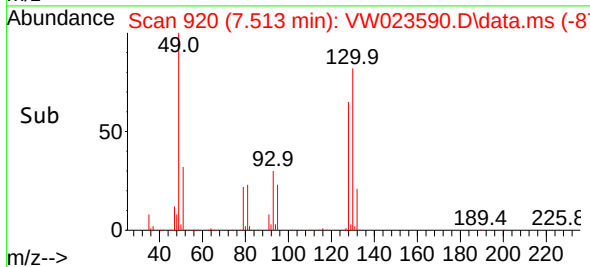
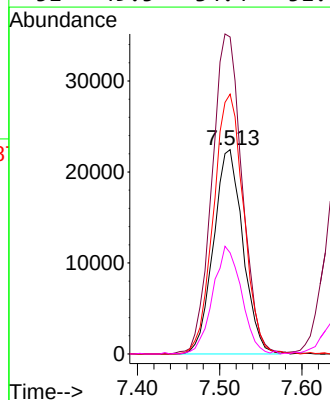
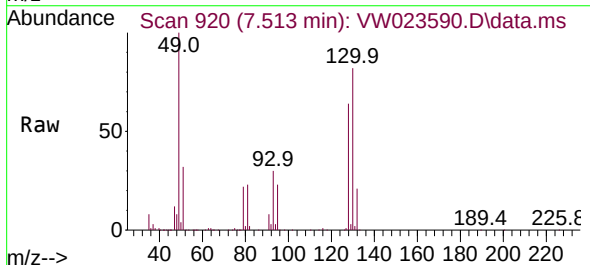
Instrument :
MSVOA_W
ClientSampleId :

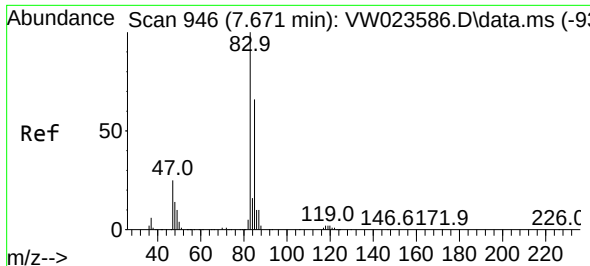
Tgt Ion: 43 Resp: 75297
Ion Ratio Lower Upper
43 100
72 29.5 15.4 46.1



#23
Bromochloromethane
Concen: 21.412 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion: 128 Resp: 55814
Ion Ratio Lower Upper
128 100
49 155.1 105.8 196.6
130 127.1 87.6 162.8
51 49.5 34.4 51.6

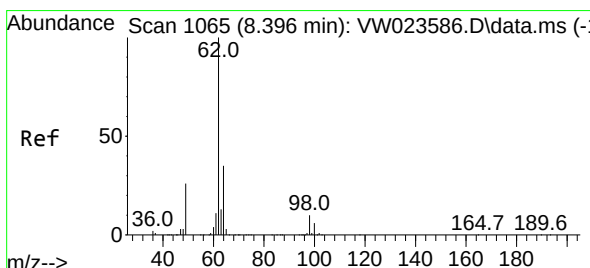
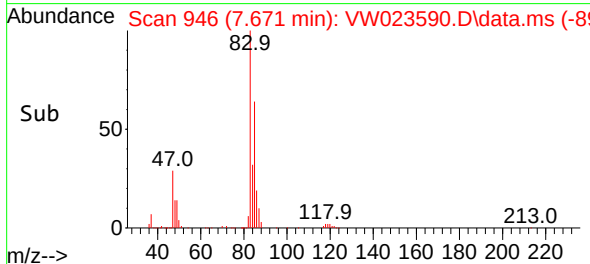
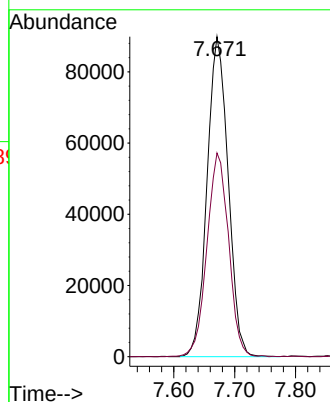
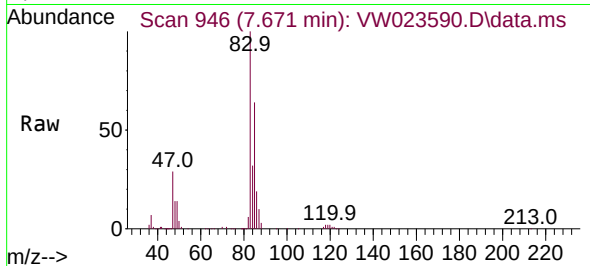




#25
Chloroform
Concen: 22.639 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

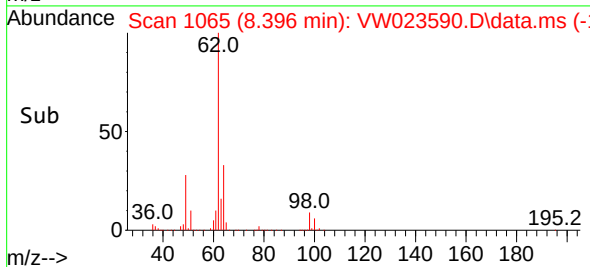
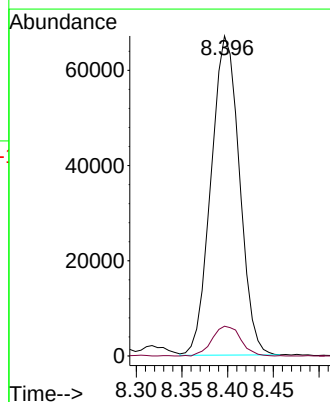
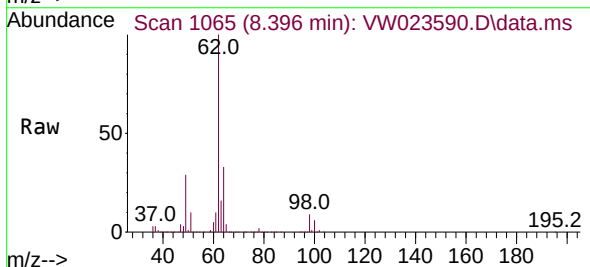
Instrument :
MSVOA_W
ClientSampleId :

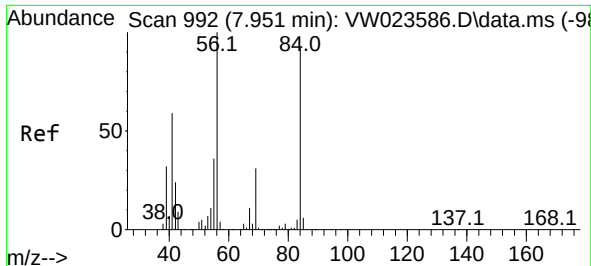
Tgt Ion: 83 Resp: 215751
Ion Ratio Lower Upper
83 100
85 63.7 47.0 87.4



#27
1,2-Dichloroethane
Concen: 22.487 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion: 62 Resp: 145027
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





#29

Cyclohexane

Concen: 23.214 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

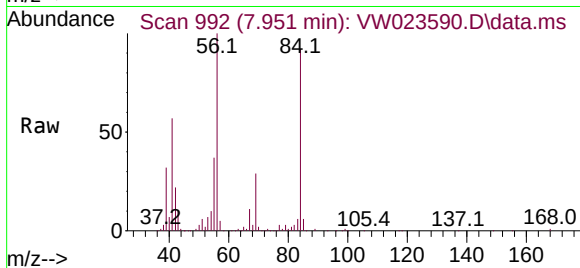
Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

Instrument :

MSVOA_W

ClientSampleId :



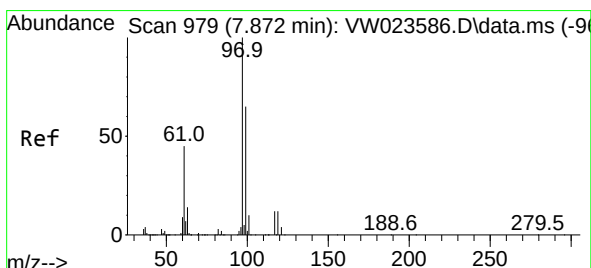
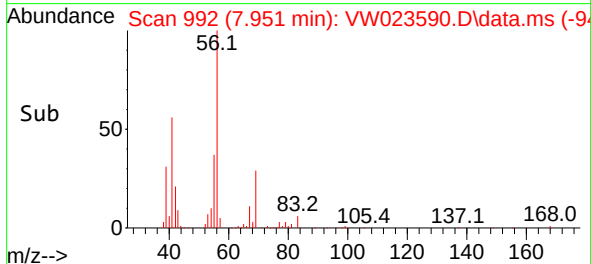
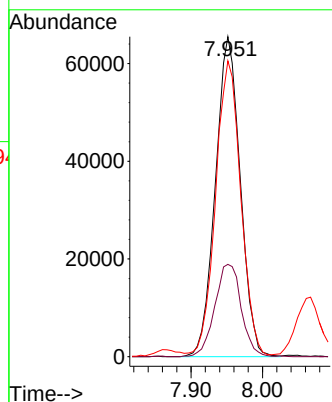
Tgt Ion: 56 Resp: 158227

Ion Ratio Lower Upper

56 100

69 30.6 25.6 38.4

84 93.9 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 22.730 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

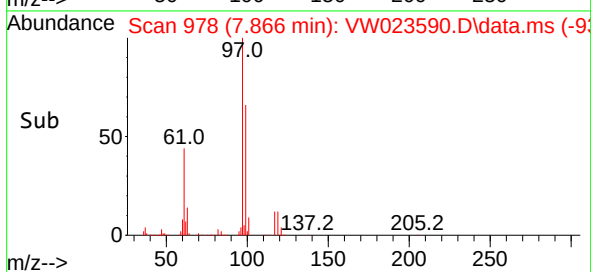
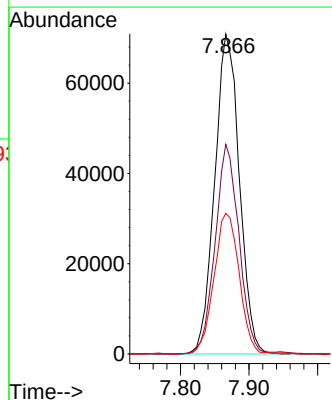
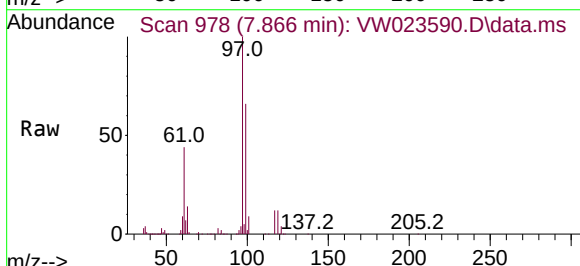
Tgt Ion: 97 Resp: 177063

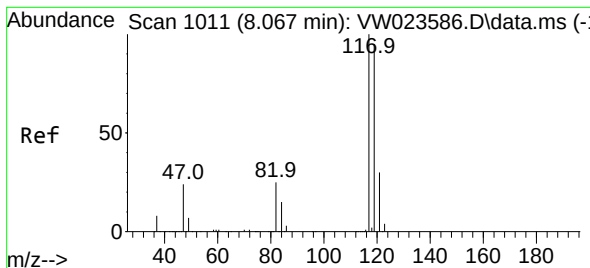
Ion Ratio Lower Upper

97 100

99 63.1 50.8 76.2

61 44.8 35.8 53.8





#31

Carbon tetrachloride

Concen: 22.098 ug/L

RT: 8.061 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

Instrument :

MSVOA_W

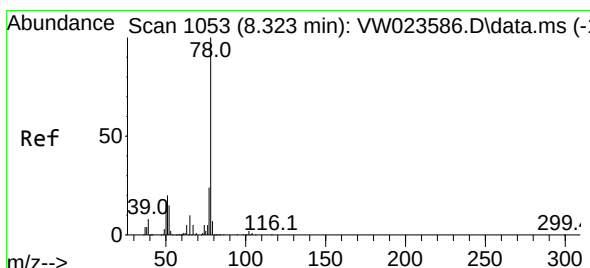
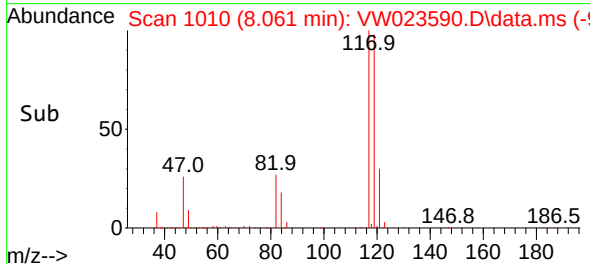
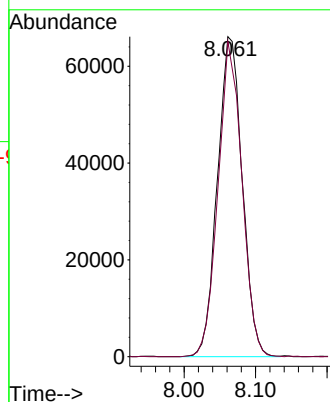
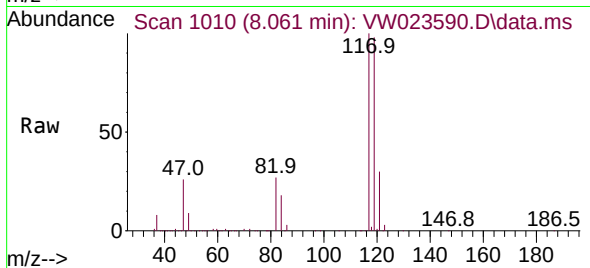
ClientSampleId :

Tgt Ion:117 Resp: 159471

Ion Ratio Lower Upper

117 100

119 94.8 76.7 115.1



#33

Benzene

Concen: 22.094 ug/L

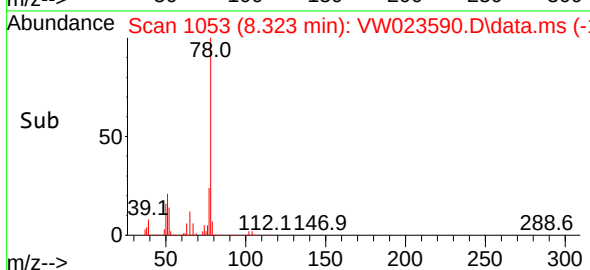
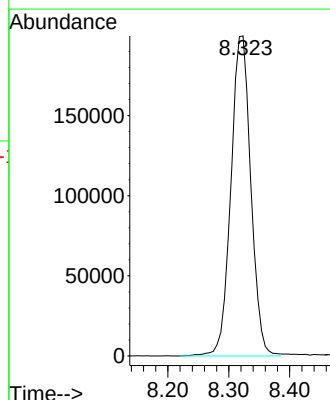
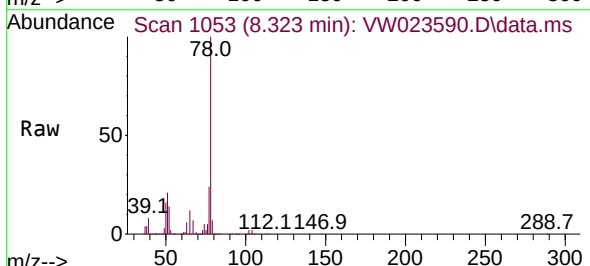
RT: 8.323 min Scan# 1053

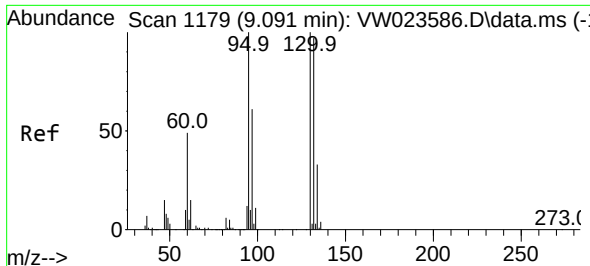
Delta R.T. 0.000 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

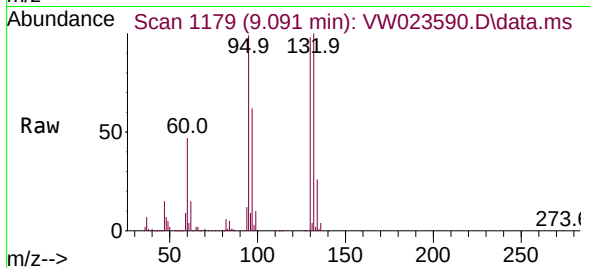
Tgt Ion: 78 Resp: 454538



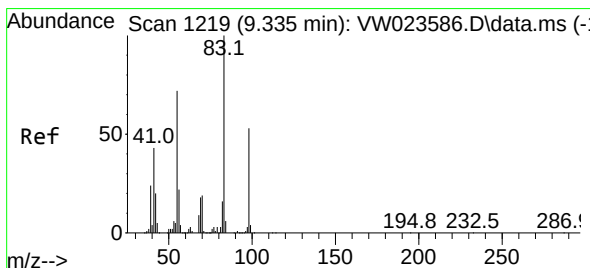
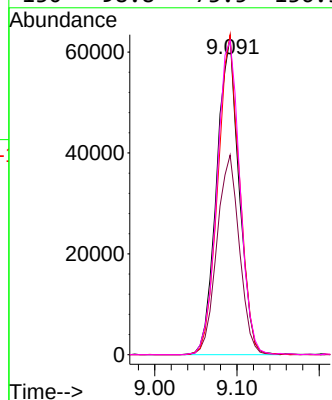
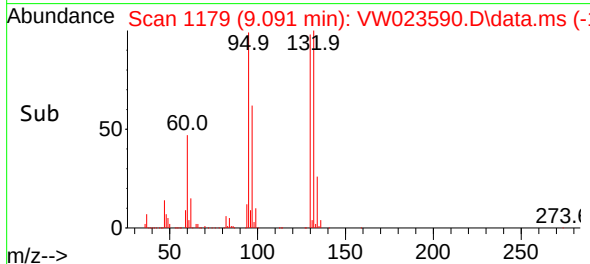


#34
Trichloroethene
Concen: 22.145 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

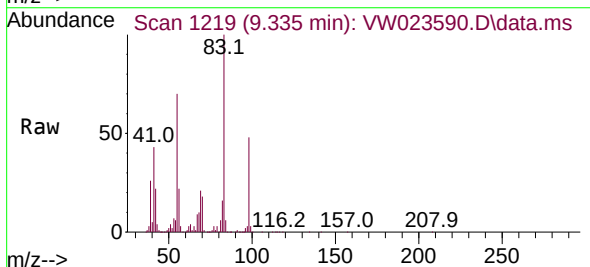
Instrument :
MSVOA_W
ClientSampleId :



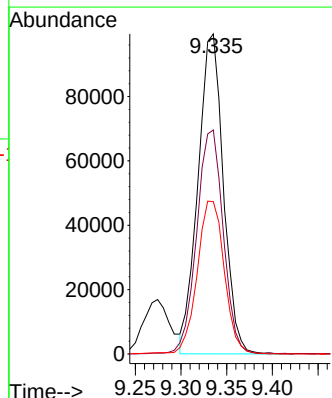
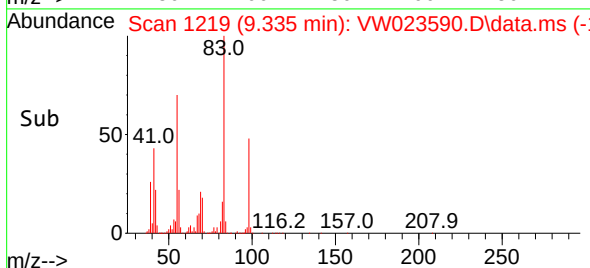
Tgt Ion: 95 Resp: 118745
Ion Ratio Lower Upper
95 100
97 62.8 47.5 88.1
132 100.7 68.9 127.9
130 98.8 73.5 136.5

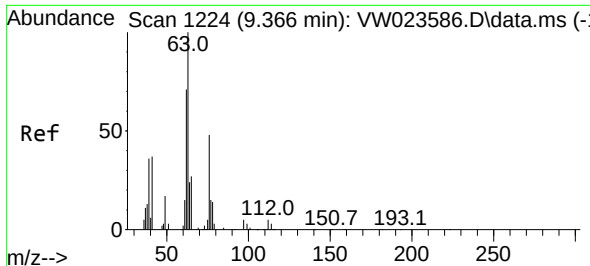


#35
Methylcyclohexane
Concen: 22.208 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19



Tgt Ion: 83 Resp: 191578
Ion Ratio Lower Upper
83 100
55 73.1 57.0 85.6
98 50.9 40.2 60.4





#37

1,2-Dichloropropane

Concen: 22.815 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

Instrument :

MSVOA_W

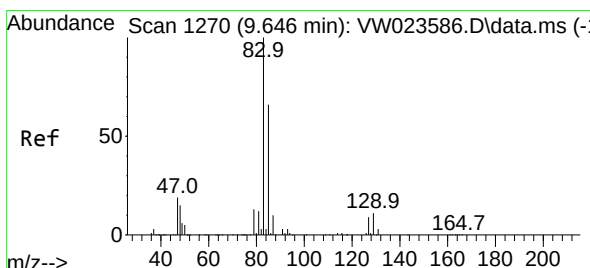
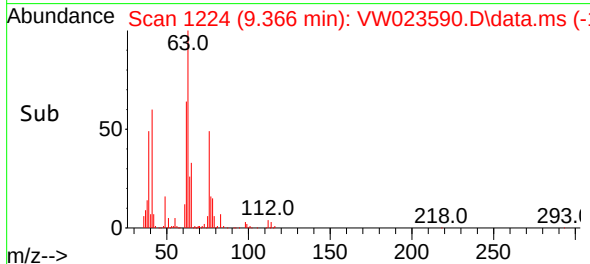
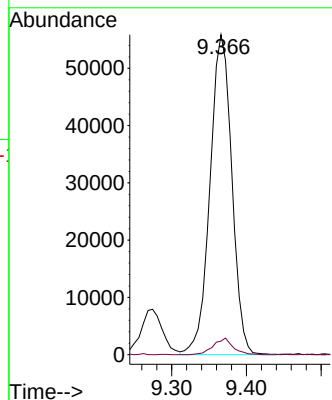
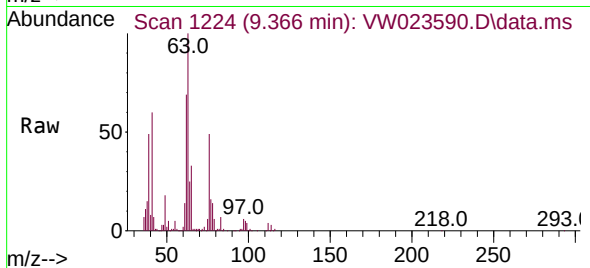
ClientSampleId :

Tgt Ion: 63 Resp: 113476

Ion Ratio Lower Upper

63 100

112 4.7 4.1 6.1



#38

Bromodichloromethane

Concen: 22.694 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

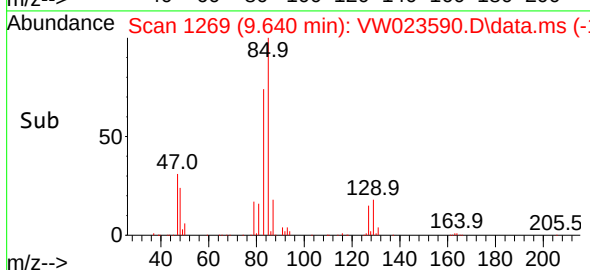
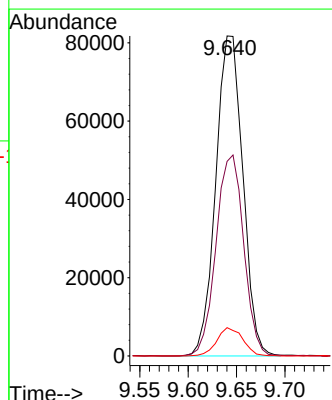
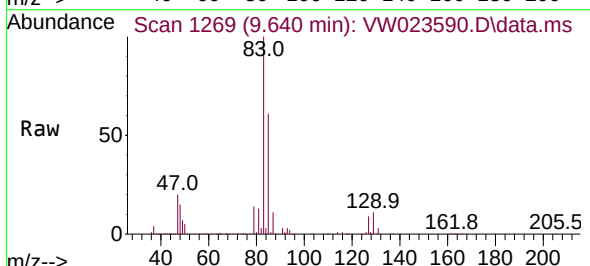
Tgt Ion: 83 Resp: 159374

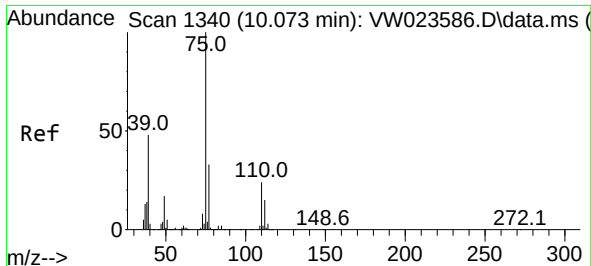
Ion Ratio Lower Upper

83 100

85 60.8 44.2 82.0

127 8.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 23.313 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

Instrument :

MSVOA_W

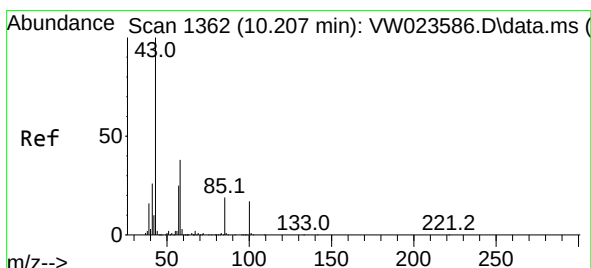
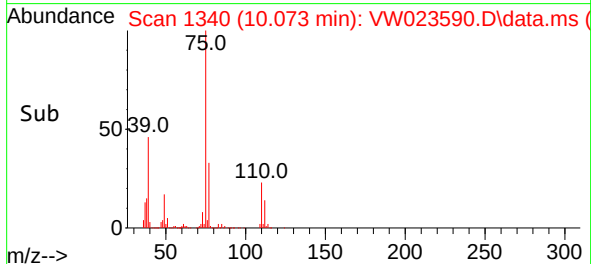
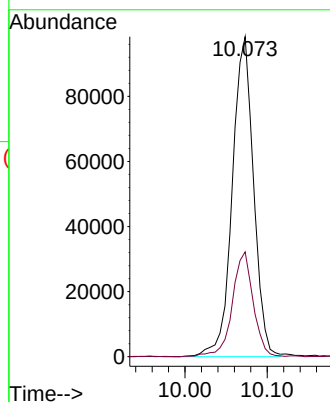
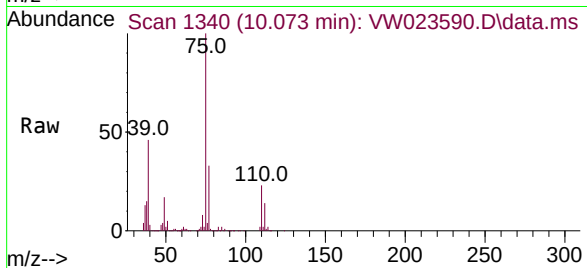
ClientSampleId :

Tgt Ion: 75 Resp: 176876

Ion Ratio Lower Upper

75 100

77 32.8 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 47.273 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

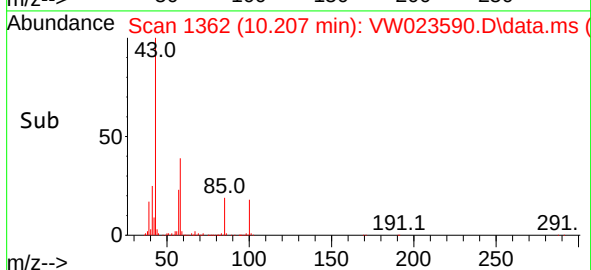
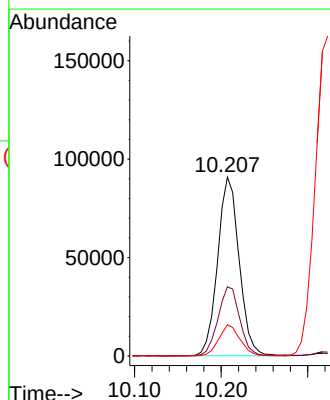
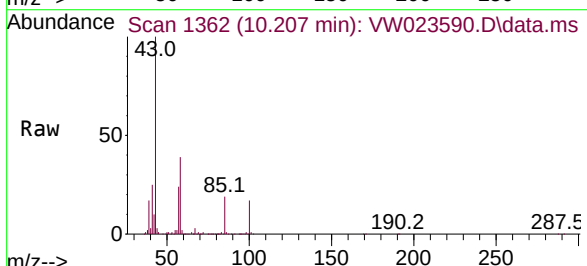
Tgt Ion: 43 Resp: 156534

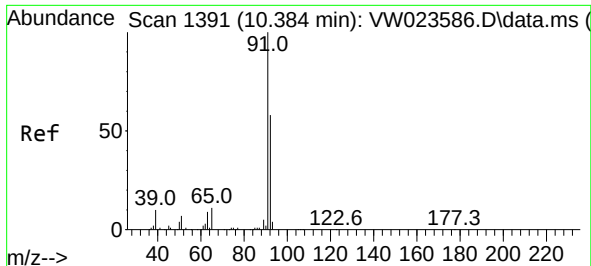
Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.8

100 17.3 14.0 21.0

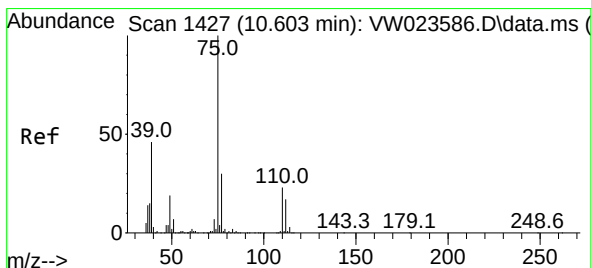
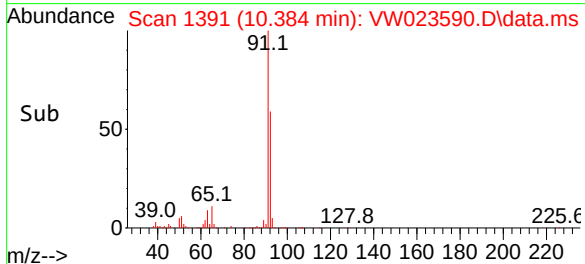
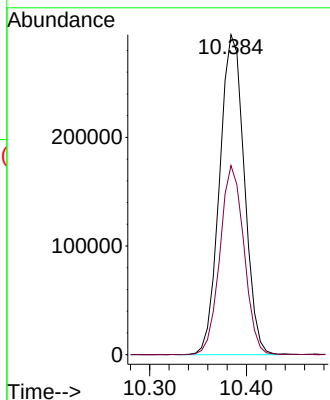
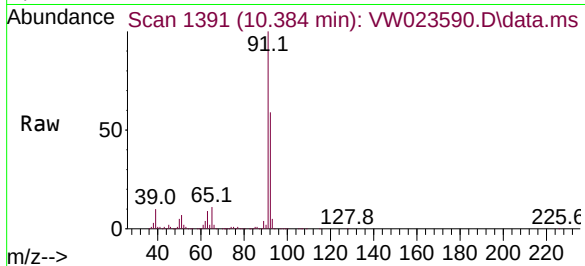




#42
Toluene
Concen: 23.262 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

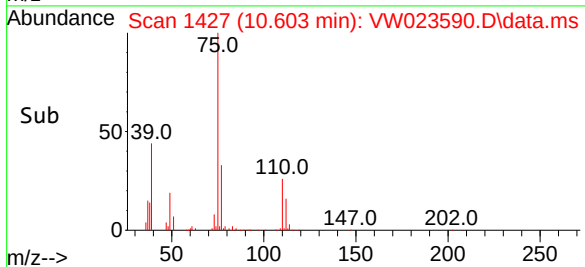
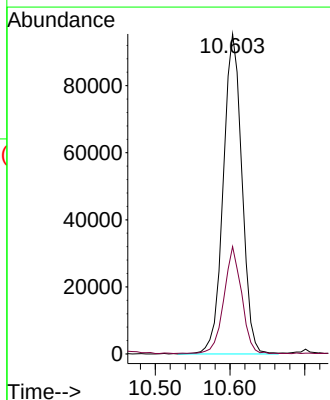
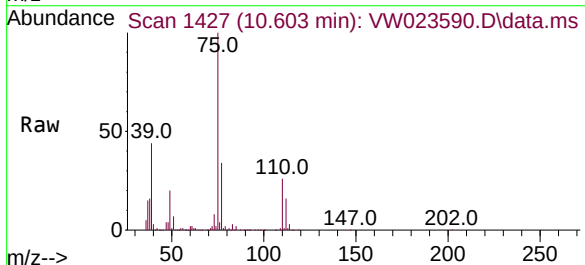
Instrument :
MSVOA_W
ClientSampleId :

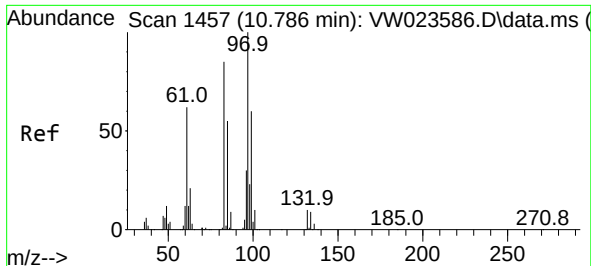
Tgt Ion: 91 Resp: 522177
Ion Ratio Lower Upper
91 100
92 59.1 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 23.742 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion: 75 Resp: 166087
Ion Ratio Lower Upper
75 100
77 33.6 22.9 42.5

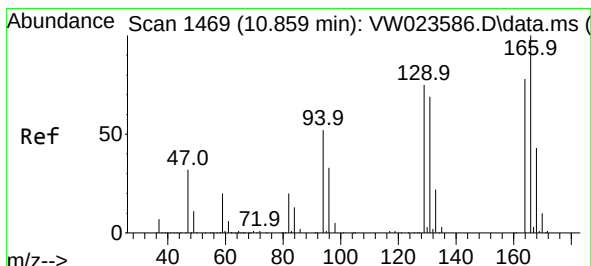
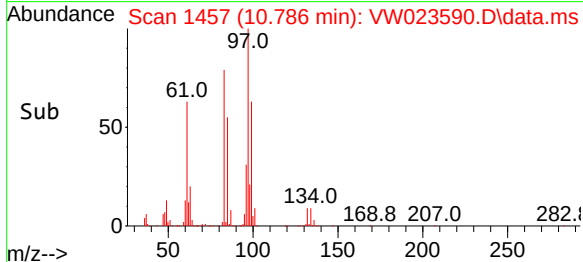
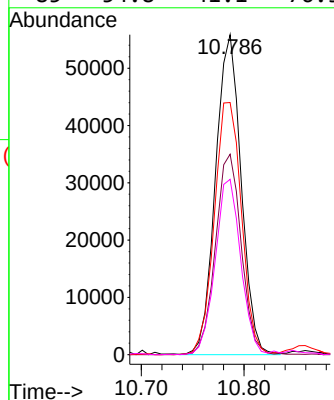
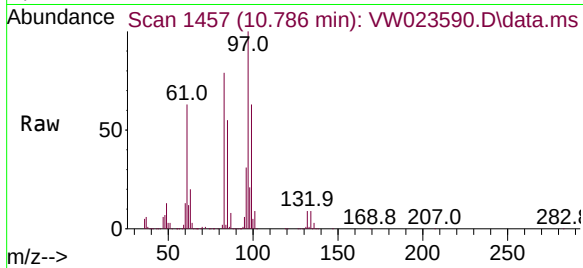




#45
1,1,2-Trichloroethane
Concen: 22.572 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

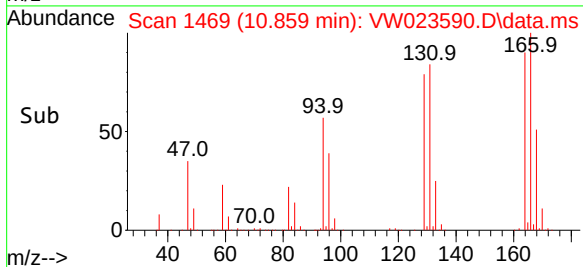
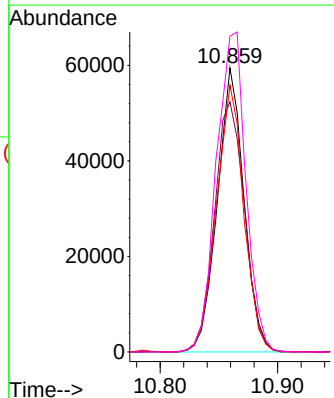
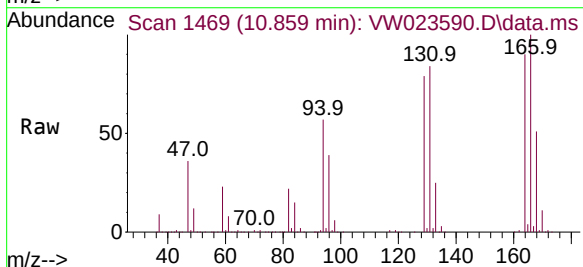
Instrument :
MSVOA_W
ClientSampleId :

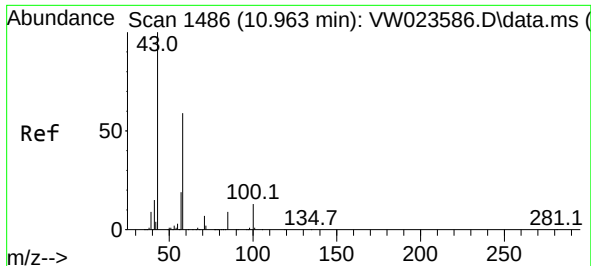
Tgt Ion: 97	Resp: 96636
Ion Ratio	Lower Upper
97 100	
99 62.7	43.9 81.5
83 78.8	59.8 111.0
85 54.8	41.1 76.3



#46
Tetrachloroethene
Concen: 22.261 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

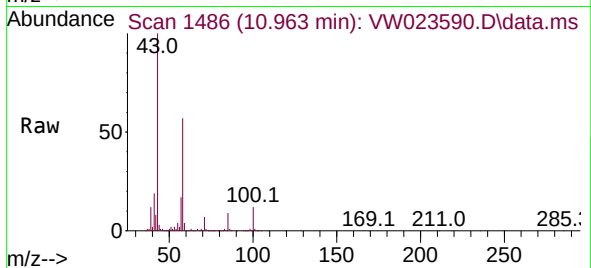
Tgt	Ion:164	Resp:	93827
Ion	Ratio	Lower	Upper
164	100		
129	88.1	71.3	132.3
131	93.9	67.0	124.4
166	111.2	90.2	167.6



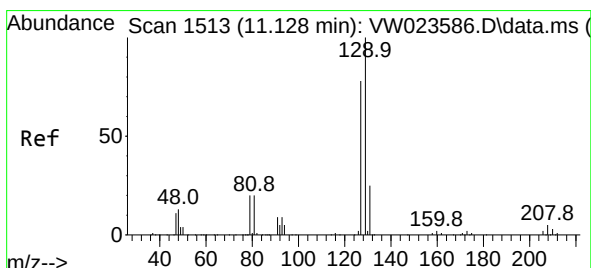
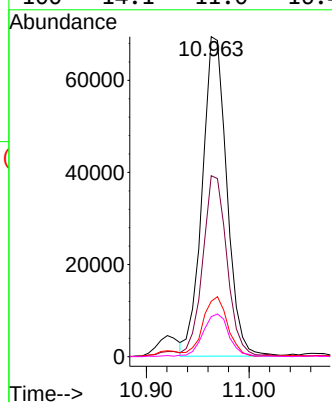
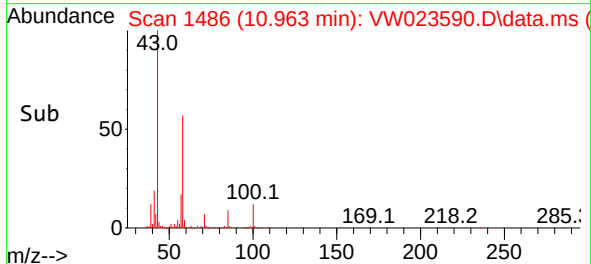


#48
2-Hexanone
Concen: 49.312 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Instrument :
MSVOA_W
ClientSampleId :

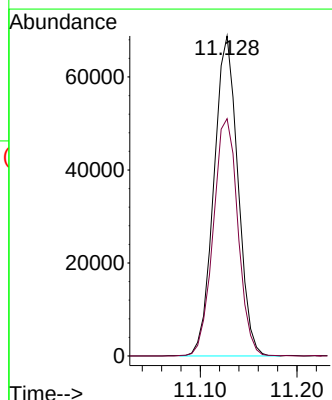
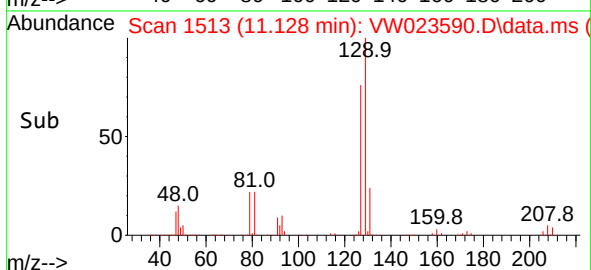
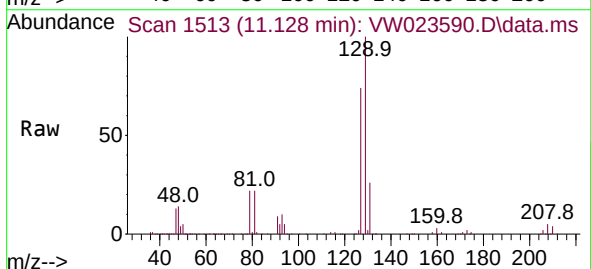


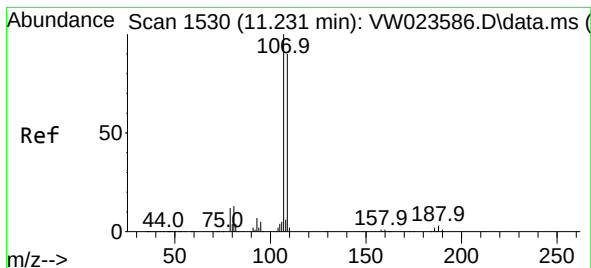
Tgt Ion: 43 Resp: 115686
Ion Ratio Lower Upper
43 100
58 55.7 43.7 65.5
57 18.9 15.7 23.5
100 14.1 11.0 16.4



#49
Dibromochloromethane
Concen: 23.239 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion: 129 Resp: 118443
Ion Ratio Lower Upper
129 100
127 74.2 52.7 97.9

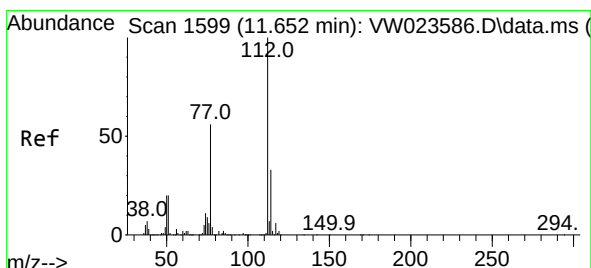
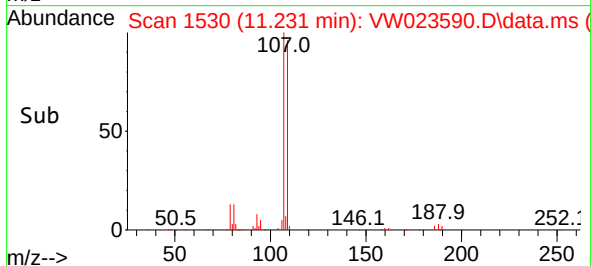
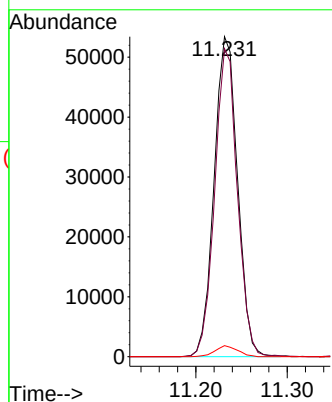
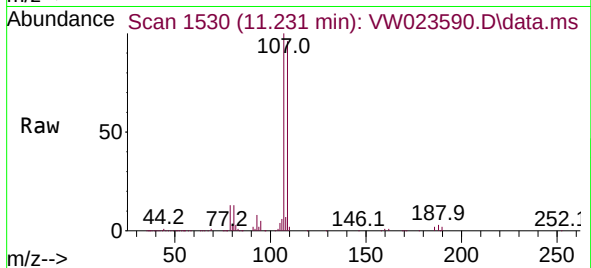




#50
1,2-Dibromoethane
Concen: 22.488 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

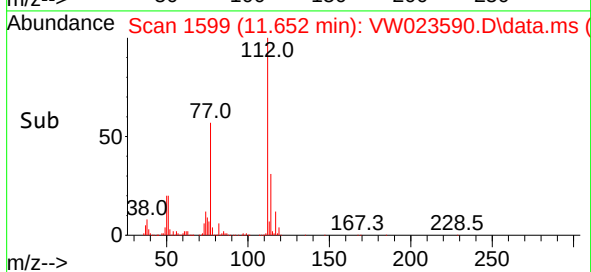
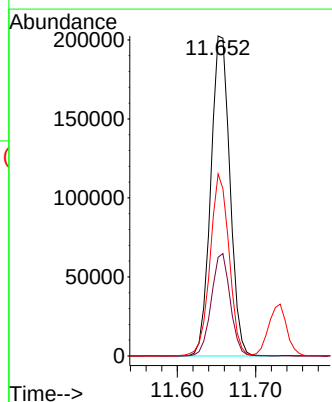
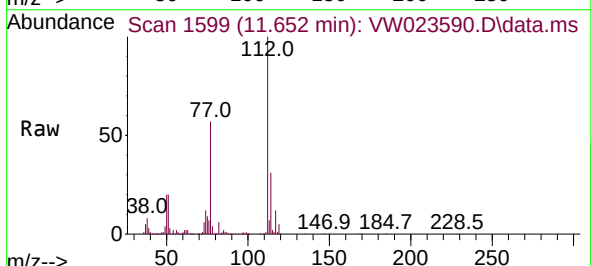
Instrument :
MSVOA_W
ClientSampleId :

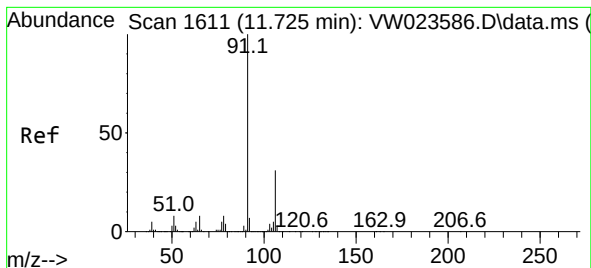
Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.3	67.2	124.8
188	3.4	2.7	4.1



#51
Chlorobenzene
Concen: 22.473 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.9	23.1	42.9
77	56.9	44.2	66.4

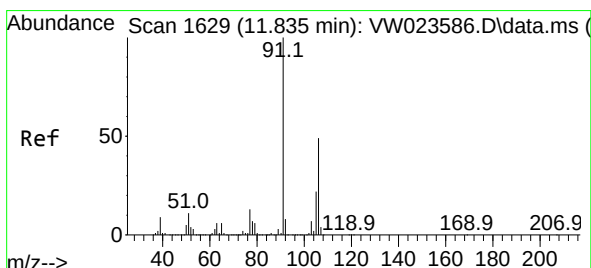
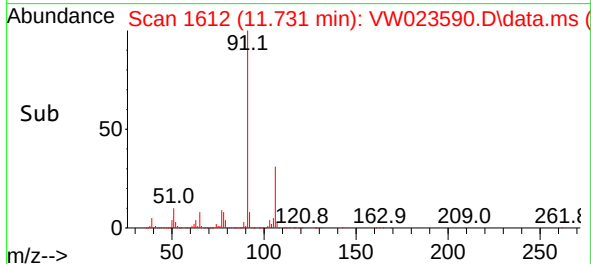
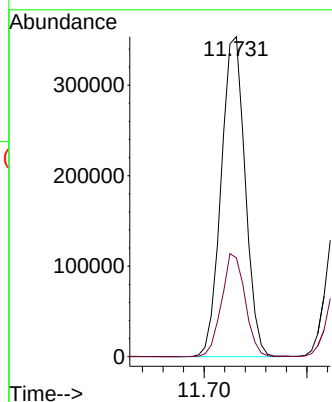
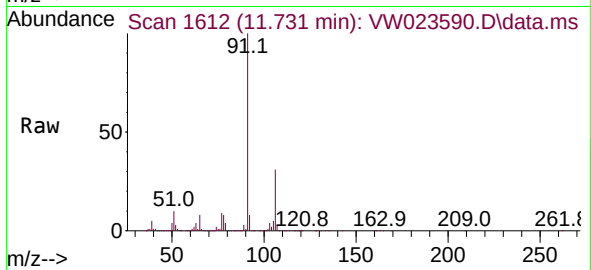




#52
Ethylbenzene
Concen: 22.626 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

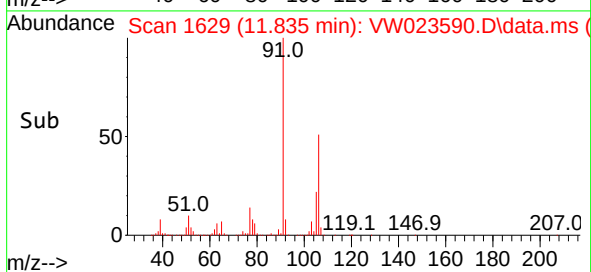
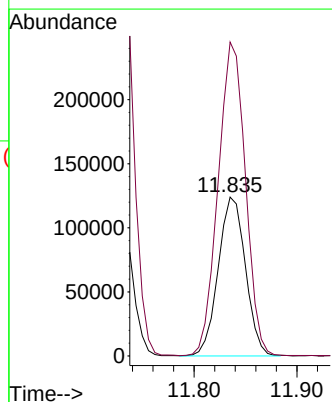
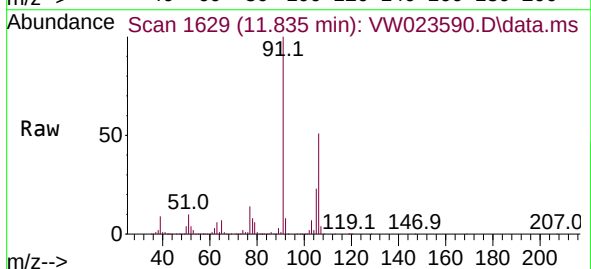
Instrument :
MSVOA_W
ClientSampleId :

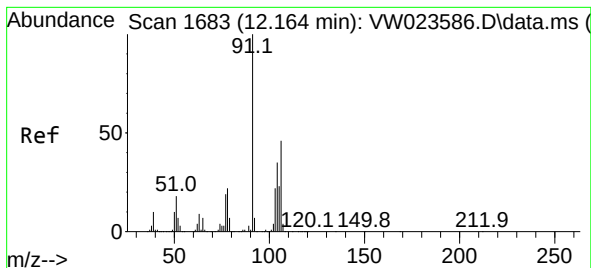
Tgt Ion: 91 Resp: 573442
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8



#53
m,p-Xylene
Concen: 23.229 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion:106 Resp: 228397
Ion Ratio Lower Upper
106 100
91 197.6 140.8 261.6

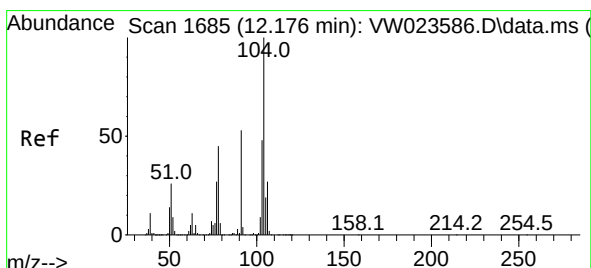
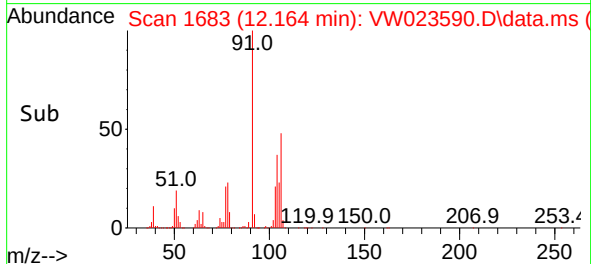
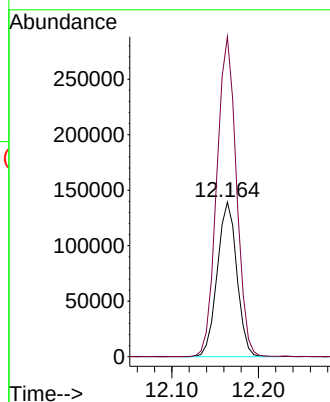
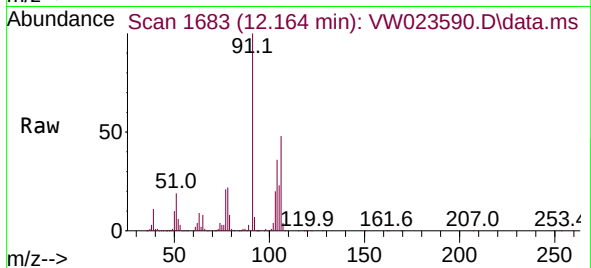




#54
o-Xylene
Concen: 23.244 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

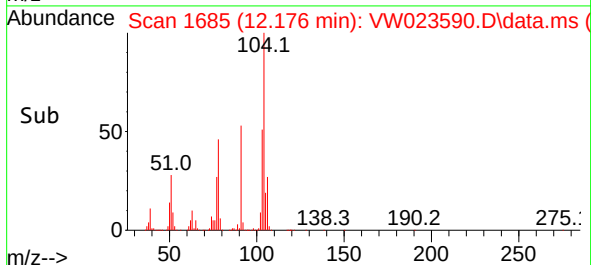
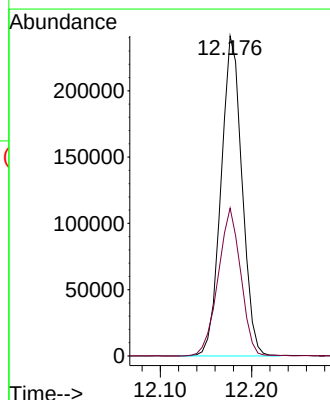
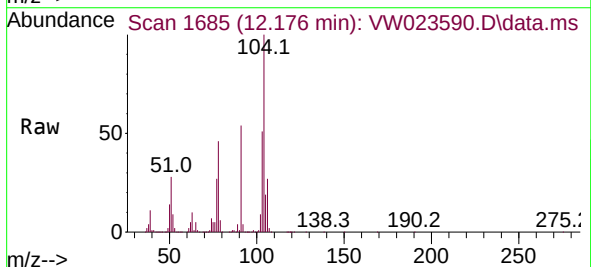
Instrument :
MSVOA_W
ClientSampleId :

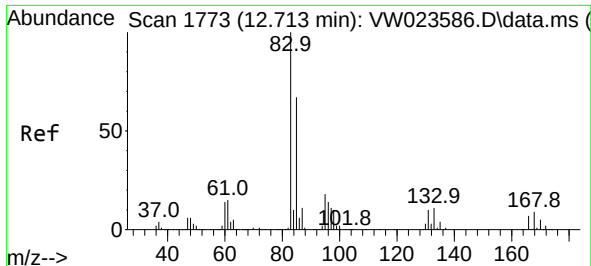
Tgt Ion:106 Resp: 218858
Ion Ratio Lower Upper
106 100
91 206.9 149.3 277.3



#55
Styrene
Concen: 23.580 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion:104 Resp: 386084
Ion Ratio Lower Upper
104 100
78 46.2 32.3 59.9

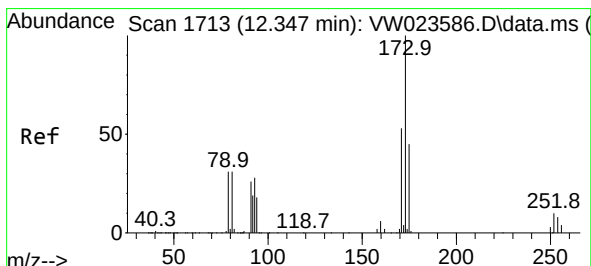
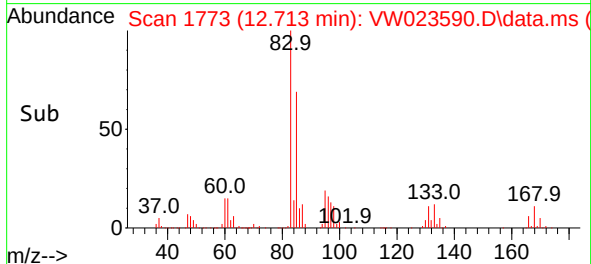
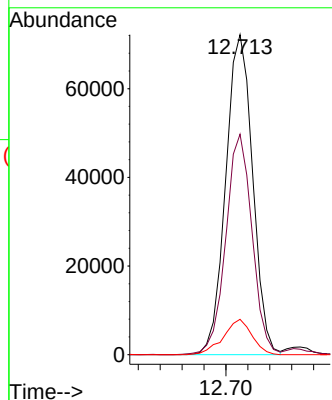
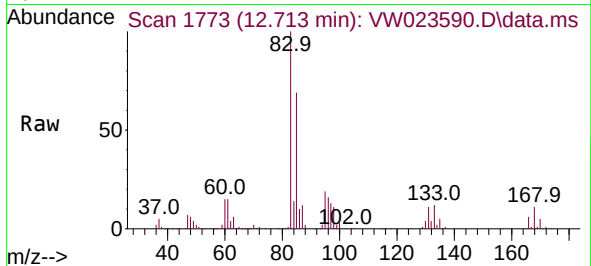




#57
1,1,2,2-Tetrachloroethane
Concen: 22.363 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

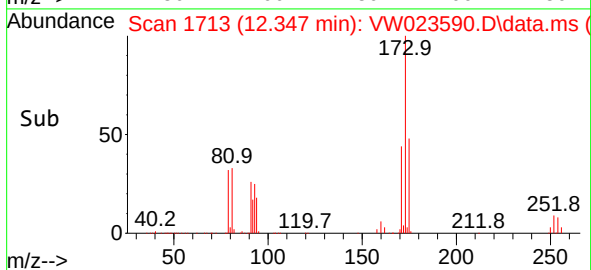
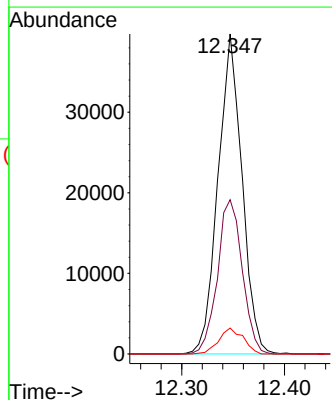
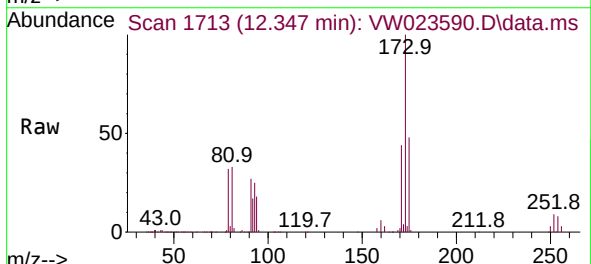
Instrument :
MSVOA_W
ClientSampleId :

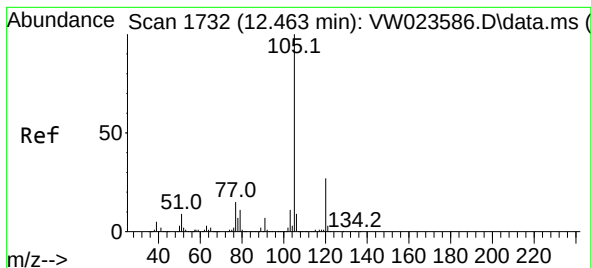
Tgt Ion: 83 Resp: 123194
Ion Ratio Lower Upper
83 100
85 68.9 44.0 81.6
131 11.1 8.5 12.7



#59
Bromoform
Concen: 21.433 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion:173 Resp: 64357
Ion Ratio Lower Upper
173 100
175 49.8 37.9 56.9
254 8.3 7.0 10.4





#60

Isopropylbenzene

Concen: 22.739 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

Instrument :

MSVOA_W

ClientSampleId :

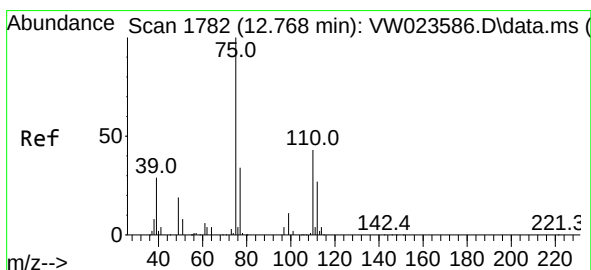
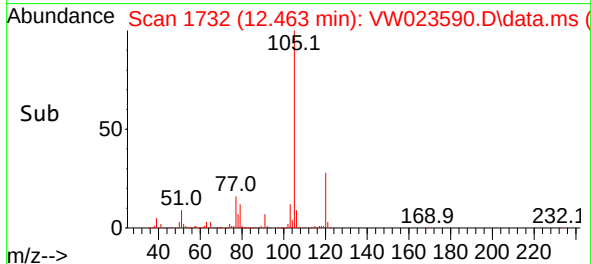
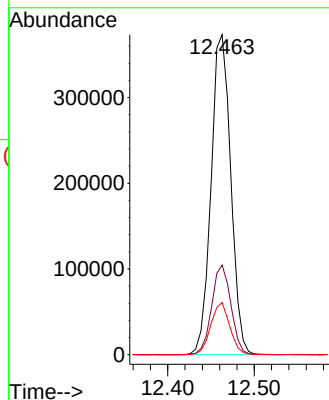
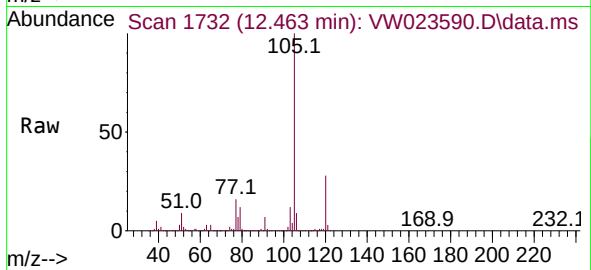
Tgt Ion:105 Resp: 589905

Ion Ratio Lower Upper

105 100

120 27.3 21.3 31.9

77 15.7 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 21.990 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

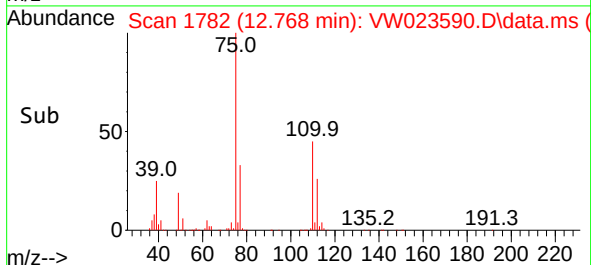
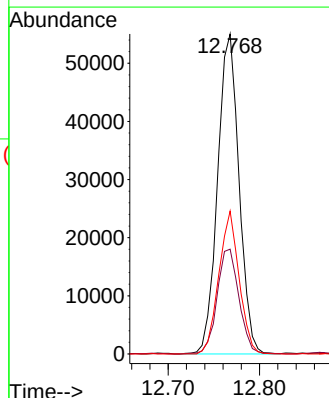
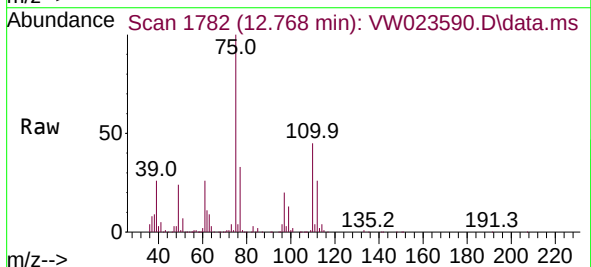
Tgt Ion: 75 Resp: 89737

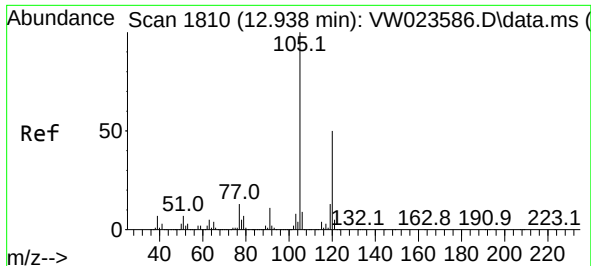
Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.6

110 42.1 34.3 51.5

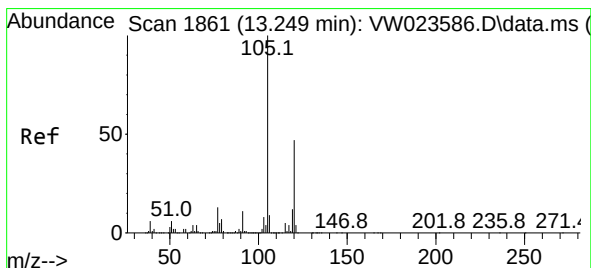
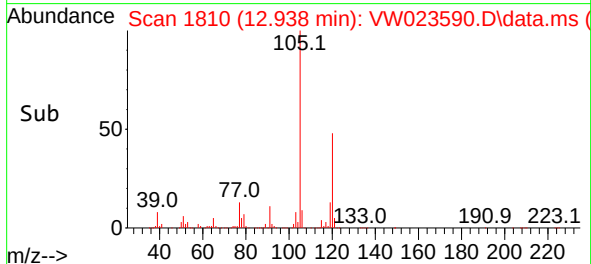
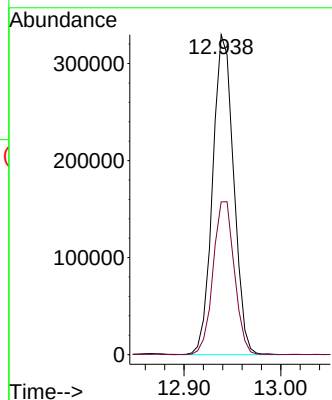
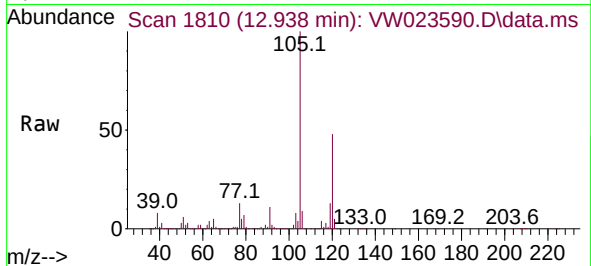




#62
 1,3,5-Trimethylbenzene
 Concen: 23.133 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW023590.D
 Acq: 08 Jul 2022 14:19

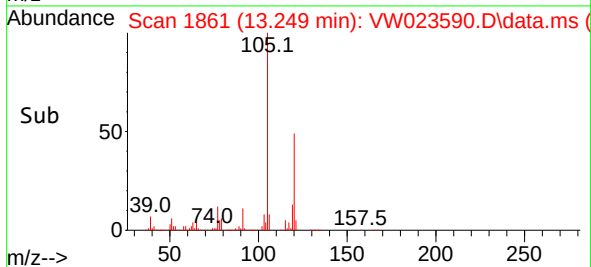
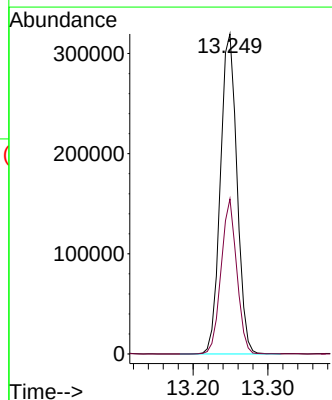
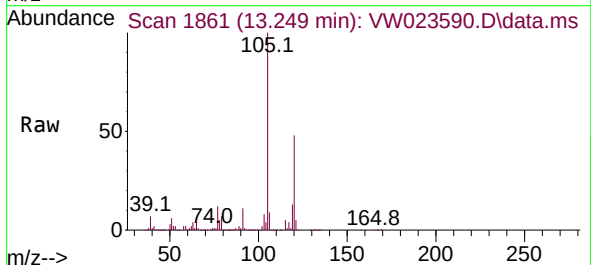
Instrument :
 MSVOA_W
 ClientSampleId :

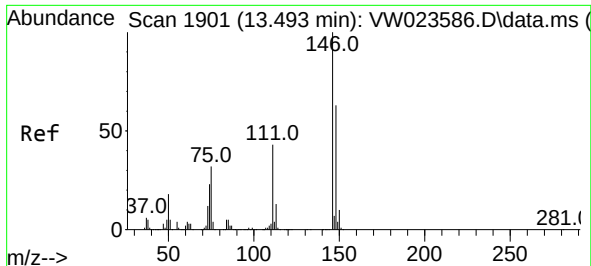
Tgt Ion:105 Resp: 497666
 Ion Ratio Lower Upper
 105 100
 120 48.6 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 22.976 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023590.D
 Acq: 08 Jul 2022 14:19

Tgt Ion:105 Resp: 494463
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.9 55.3

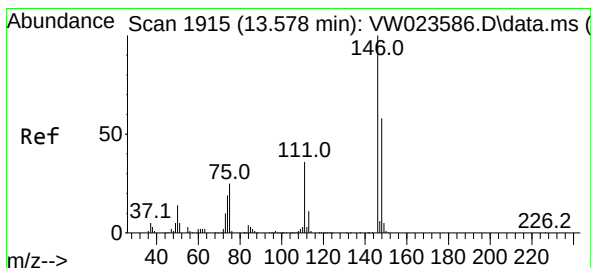
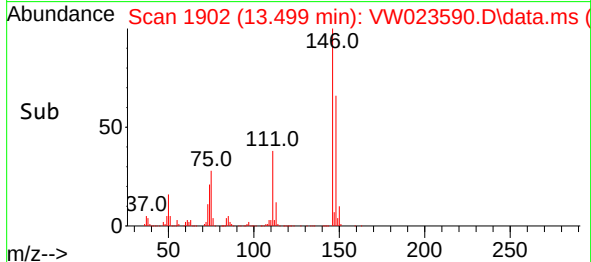
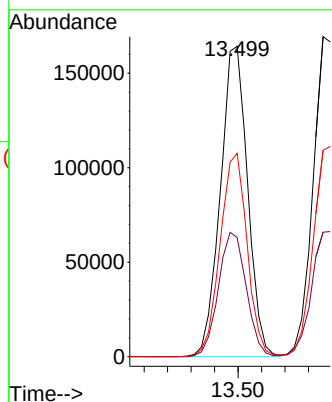
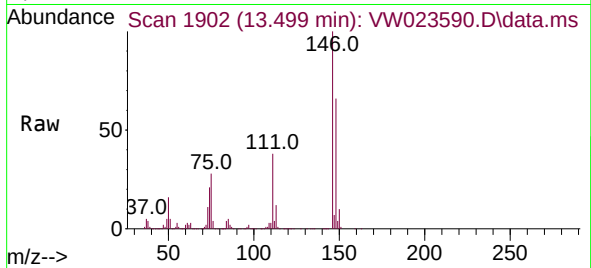




#64
1,3-Dichlorobenzene
Concen: 21.589 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

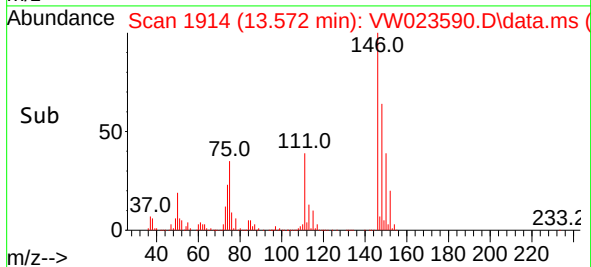
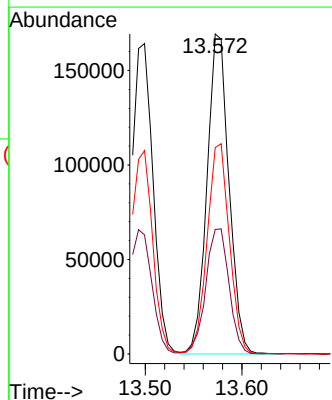
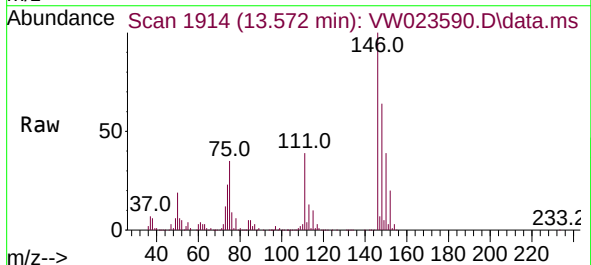
Instrument :
MSVOA_W
ClientSampleId :

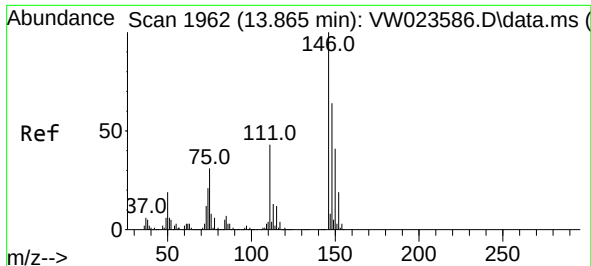
Tgt Ion:146 Resp: 264927
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 65.5 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 21.463 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023590.D
Acq: 08 Jul 2022 14:19

Tgt Ion:146 Resp: 267131
Ion Ratio Lower Upper
146 100
111 38.9 28.2 52.4
148 64.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 21.988 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

Instrument :

MSVOA_W

ClientSampleId :

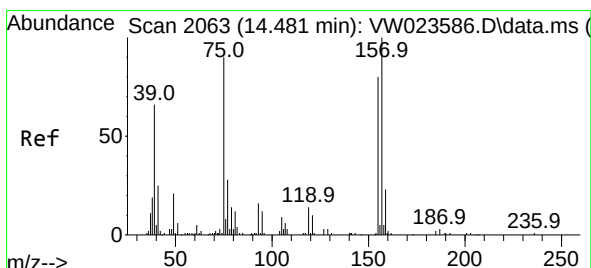
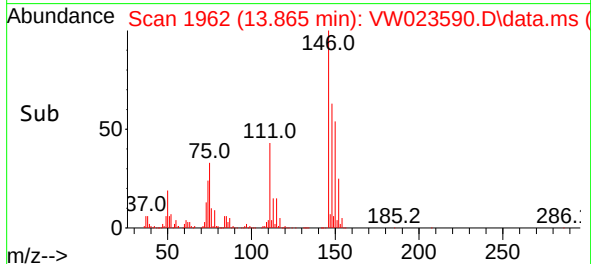
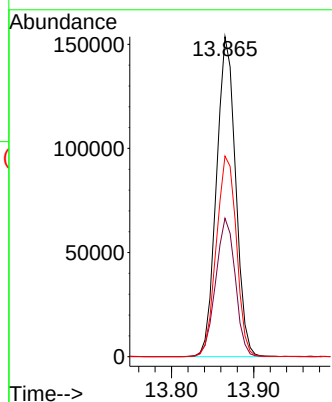
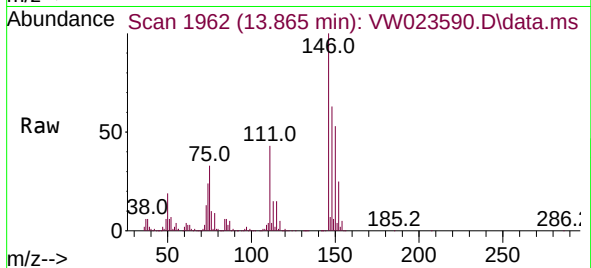
Tgt Ion:146 Resp: 248823

Ion Ratio Lower Upper

146 100

111 43.2 30.6 45.8

148 62.7 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 21.442 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

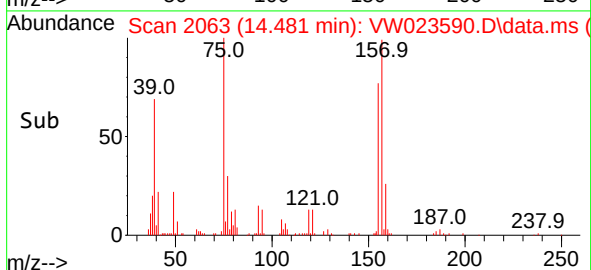
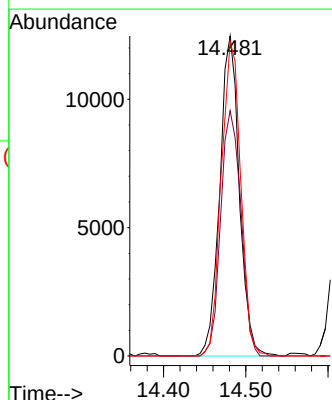
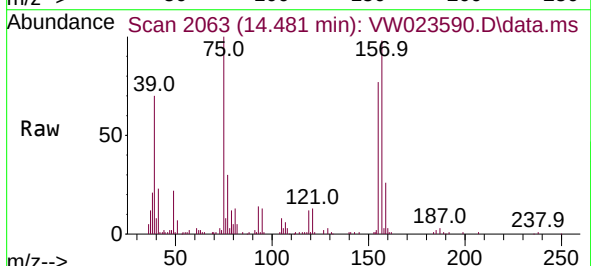
Tgt Ion: 75 Resp: 20620

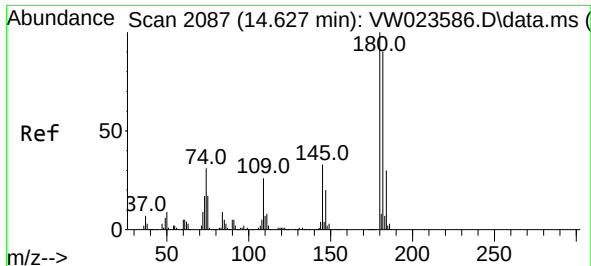
Ion Ratio Lower Upper

75 100

155 76.6 63.8 95.6

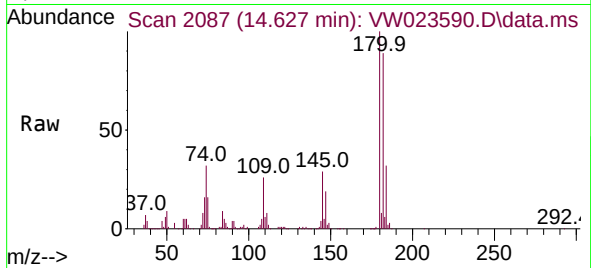
157 98.3 85.0 127.4



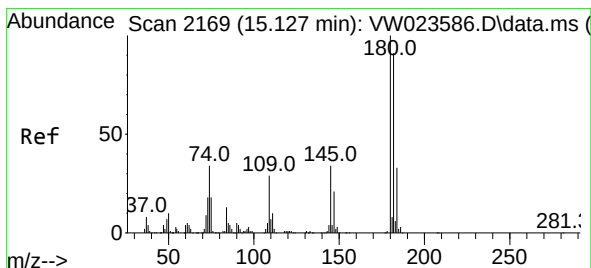
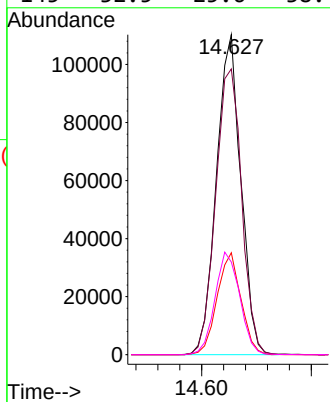
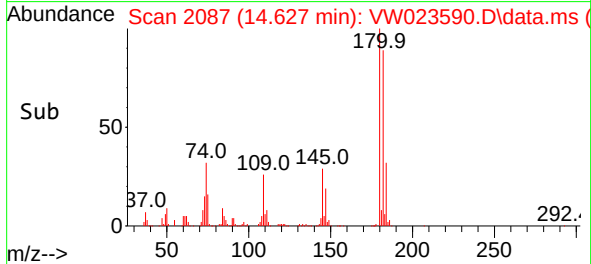


#69
 1,3,5-Trichlorobenzene
 Concen: 21.439 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW023590.D
 Acq: 08 Jul 2022 14:19

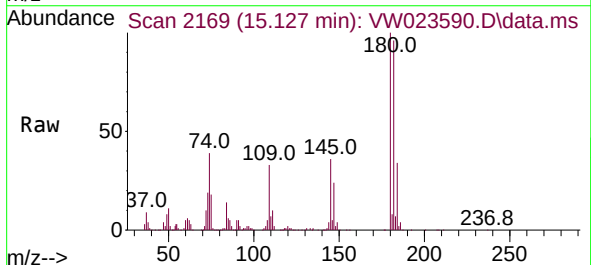
Instrument :
 MSVOA_W
 ClientSampleId :



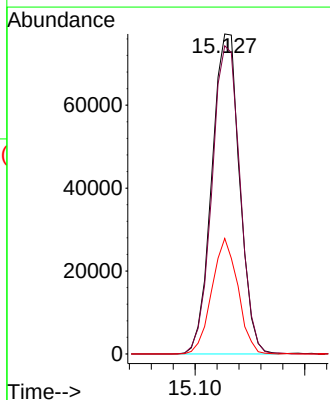
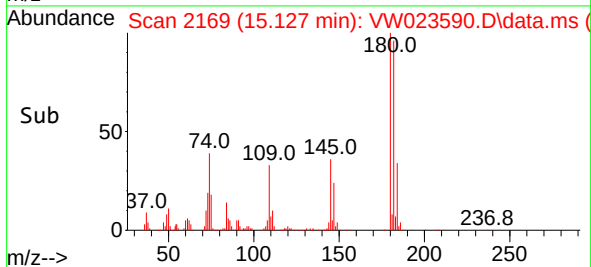
Tgt Ion:180 Resp: 170708
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.5 113.3
 184 31.2 24.6 36.8
 145 32.5 25.6 38.4

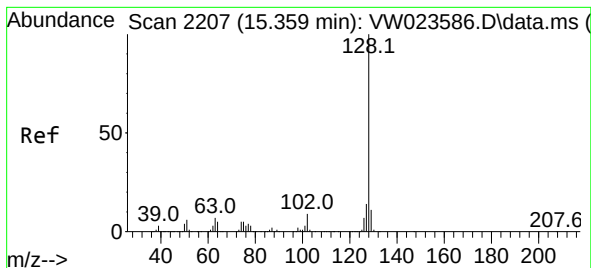


#70
 1,2,4-trichlorobenzene
 Concen: 21.170 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW023590.D
 Acq: 08 Jul 2022 14:19



Tgt Ion:180 Resp: 136201
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.0 115.4
 145 33.8 26.1 39.1





#71

Naphthalene

Concen: 22.217 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

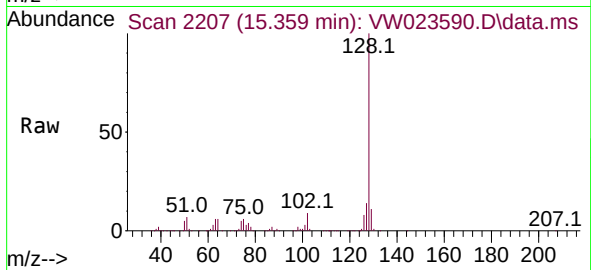
Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

Instrument :

MSVOA_W

ClientSampleId :



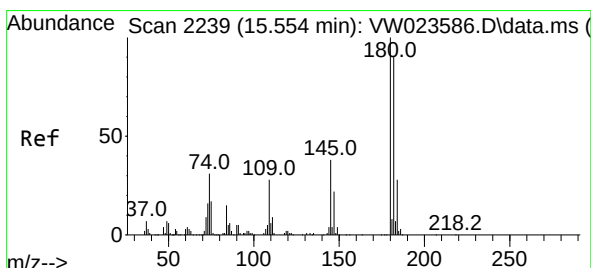
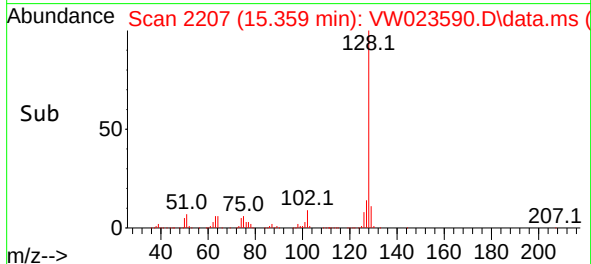
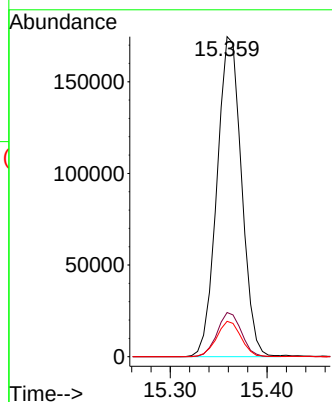
Tgt Ion:128 Resp: 308533

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 21.405 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023590.D

Acq: 08 Jul 2022 14:19

Tgt Ion:180 Resp: 127655

Ion Ratio Lower Upper

180 100

182 90.8 75.6 113.4

145 34.5 28.2 42.2

