

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
 Data File : VW022900.D
 Acq On : 06 May 2022 19:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 00:08:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 07 00:02:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	302156	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	307430	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	176060	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	123975	19.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
7) Chloroethane-d5	2.885	69	98887	24.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.080%
11) 1,1-Dichloroethene-d2	4.019	63	160910	20.089	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.360%
21) 2-Butanone-d5	7.079	46	60184	51.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.120%
24) Chloroform-d	7.653	84	216813	24.492	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	8.305	65	118911	24.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.960%
32) Benzene-d6	8.274	84	398857	22.509	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.040%
36) 1,2-Dichloropropane-d6	9.274	67	119003	23.908	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	10.323	98	389368	22.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	10.579	79	49908	21.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.120%
47) 2-Hexanone-d5	10.920	63	50266	52.899	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123351	26.587	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	147178	23.914	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	42780	25.972	ug/L	93
3) Chloromethane	2.215	50	77771	24.434	ug/L	97
5) Vinyl chloride	2.361	62	152469	23.869	ug/L	97
6) Bromomethane	2.775	94	97670	23.814	ug/L	92
8) Chloroethane	2.922	64	84452	27.411	ug/L	97
9) Trichlorofluoromethane	3.257	101	59308	20.314	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	99451	22.781	ug/L #	75
12) 1,1-Dichloroethene	4.043	96	86624	22.384	ug/L	94
13) Acetone	4.117	43	37692	42.713	ug/L	96
14) Carbon disulfide	4.385	76	206242	19.439	ug/L	99
15) Methyl Acetate	4.671	43	46226	26.075	ug/L	94
16) Methylene chloride	4.921	84	109263	24.713	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	100995	23.191	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	177465	26.694	ug/L	99
19) 1,1-Dichloroethane	6.220	63	190975	25.874	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	119656	25.580	ug/L	98
22) 2-Butanone	7.171	43	59043	47.843	ug/L	98
23) Bromochloromethane	7.512	128	53276	24.320	ug/L	89
25) Chloroform	7.677	83	221328	27.118	ug/L	93

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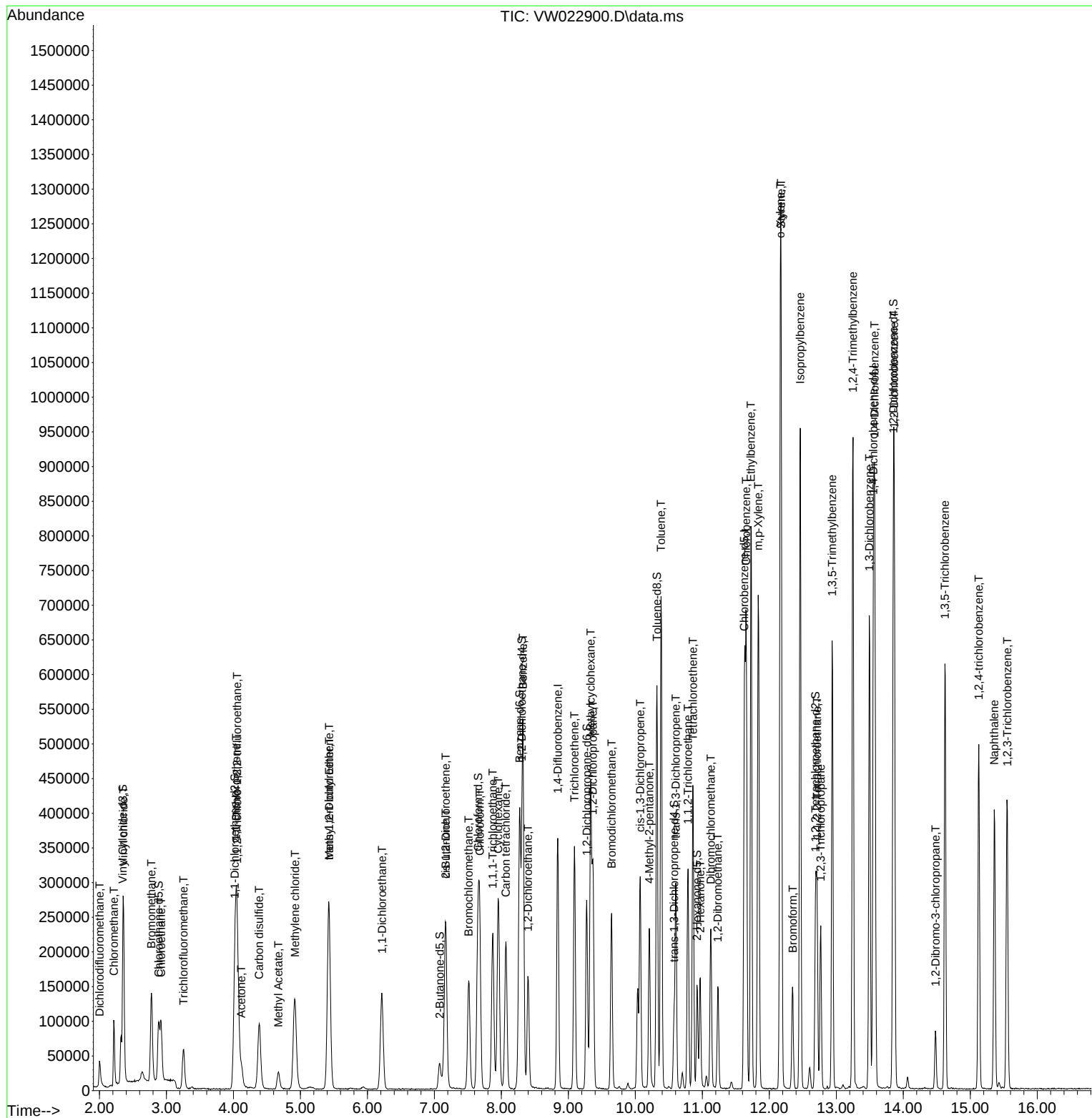
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	145904	26.818	ug/L	98
29) Cyclohexane	7.951	56	147316	22.157	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	175452	24.150	ug/L	99
31) Carbon tetrachloride	8.067	117	156719	23.060	ug/L	99
33) Benzene	8.323	78	451230	24.915	ug/L	100
34) Trichloroethene	9.091	95	117868	23.665	ug/L	97
35) Methylcyclohexane	9.335	83	180447	22.053	ug/L	99
37) 1,2-Dichloropropane	9.366	63	112623	25.697	ug/L	100
38) Bromodichloromethane	9.646	83	160493	25.781	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	172270	25.350	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	143713	52.024	ug/L	100
42) Toluene	10.384	91	516081	25.427	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	152884	25.205	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	96766	26.411	ug/L	96
46) Tetrachloroethene	10.859	164	83996	22.441	ug/L	90
48) 2-Hexanone	10.969	43	99823	54.083	ug/L	99
49) Dibromochloromethane	11.128	129	115758	26.251	ug/L	97
50) 1,2-Dibromoethane	11.231	107	94208	25.607	ug/L #	97
51) Chlorobenzene	11.652	112	339782	25.393	ug/L	97
52) Ethylbenzene	11.725	91	580553	25.710	ug/L	99
53) m,p-Xylene	11.835	106	228985	25.737	ug/L	92
54) o-Xylene	12.164	106	225392	26.399	ug/L	99
55) Styrene	12.176	104	394120	27.166	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	125621	27.451	ug/L	95
59) Bromoform	12.353	173	61214	24.534	ug/L	99
60) Isopropylbenzene	12.463	105	609334	25.263	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	89906	25.557	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	338732	25.243	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	515073	25.564	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	271056	25.171	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	282007	25.354	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	257928	26.175	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18745	24.381	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	176755	24.728	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	143891	25.024	ug/L	98
71) Naphthalene	15.358	128	340544	27.249	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	131984	25.898	ug/L	99

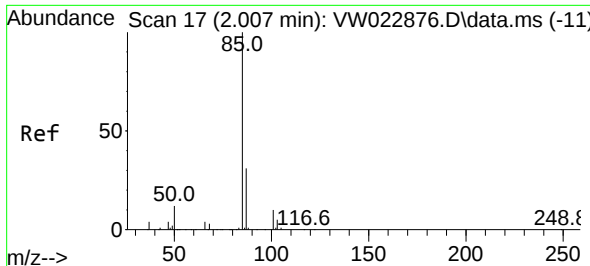
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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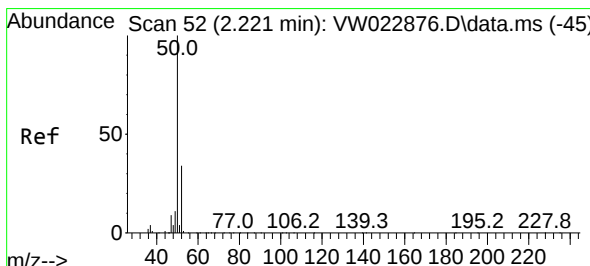
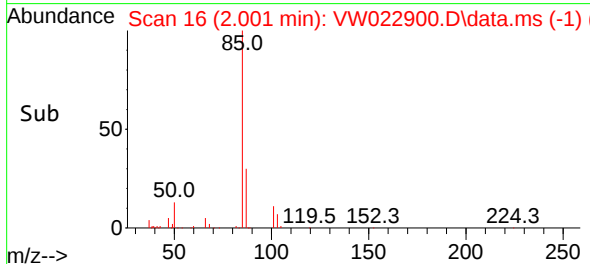
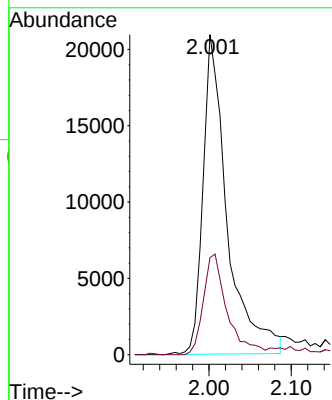
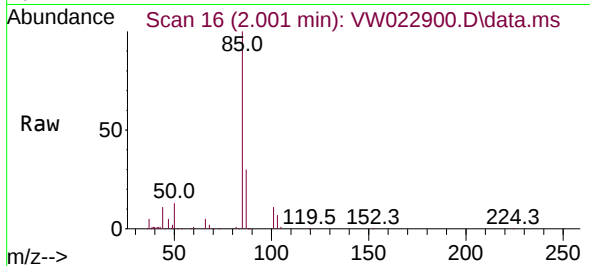




#2
Dichlorodifluoromethane
Concen: 25.972 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

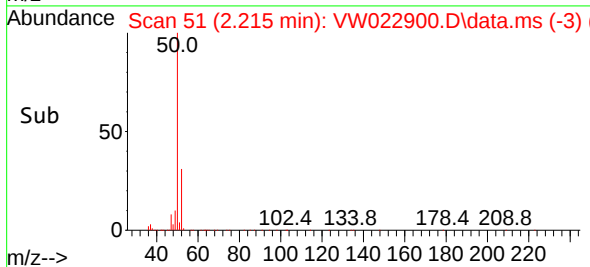
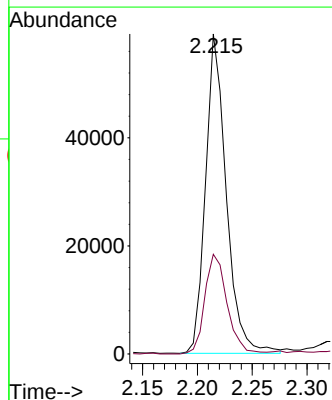
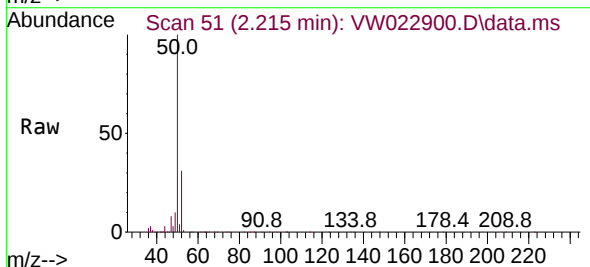
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MSVOA_W
ClientSampleId :

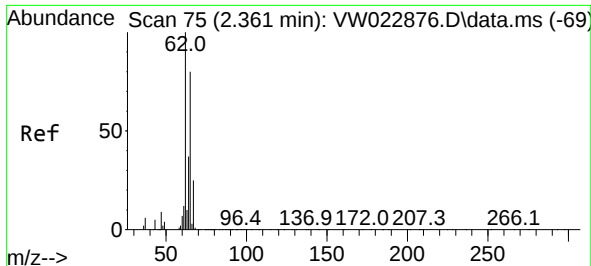
Tgt Ion: 85 Resp: 42780
Ion Ratio Lower Upper
85 100
87 30.8 27.8 41.8



#3
Chloromethane
Concen: 24.434 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion: 50 Resp: 77771
Ion Ratio Lower Upper
50 100
52 31.1 23.1 42.9

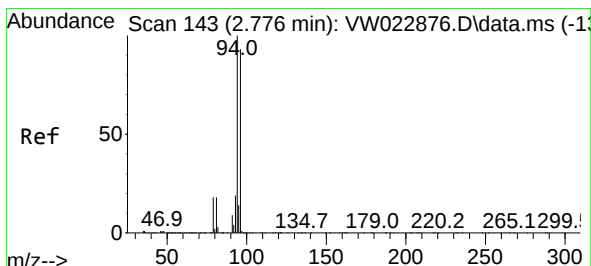
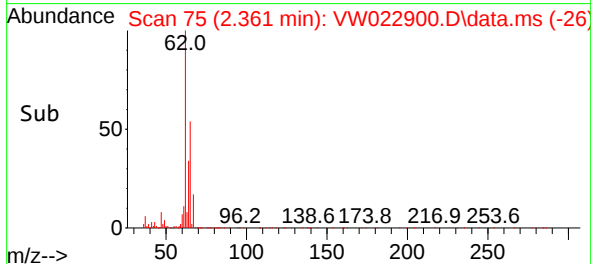
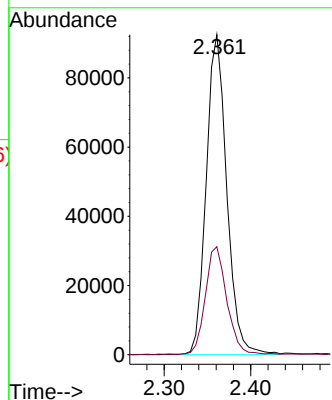
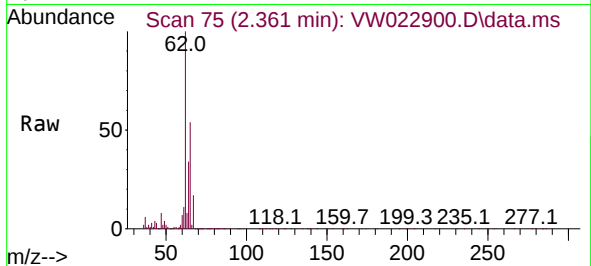




#5
 Vinyl chloride
 Concen: 23.869 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022900.D
 Acq: 06 May 2022 19:19

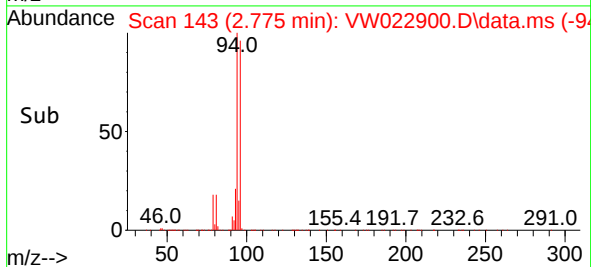
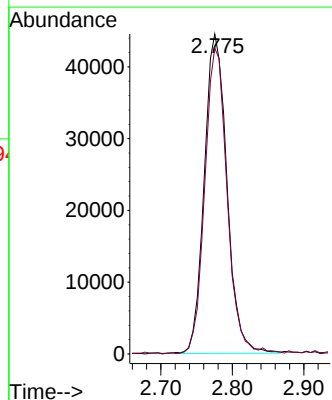
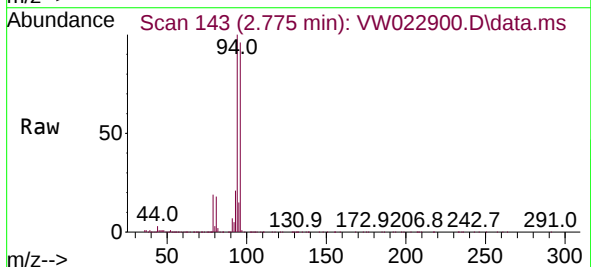
Instrument :
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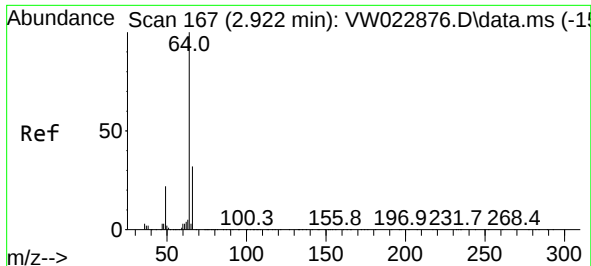
Tgt Ion: 62 Resp: 152469
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.9 46.3



#6
 Bromomethane
 Concen: 23.814 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022900.D
 Acq: 06 May 2022 19:19

Tgt Ion: 94 Resp: 97670
 Ion Ratio Lower Upper
 94 100
 96 95.5 61.7 114.5

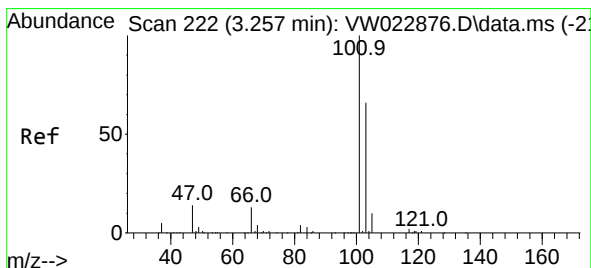
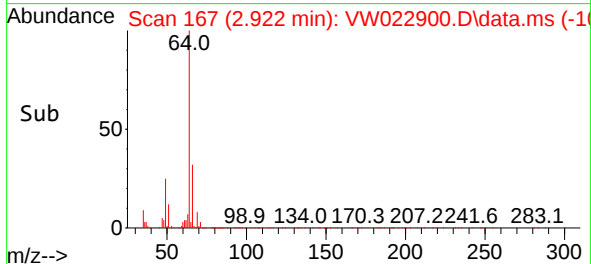
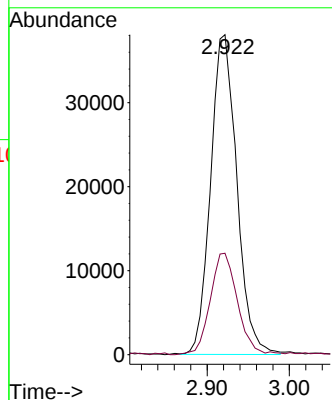
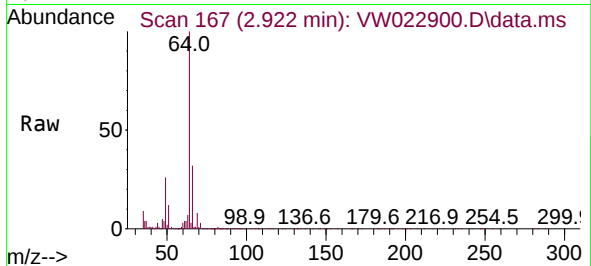




#8
Chloroethane
Concen: 27.411 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

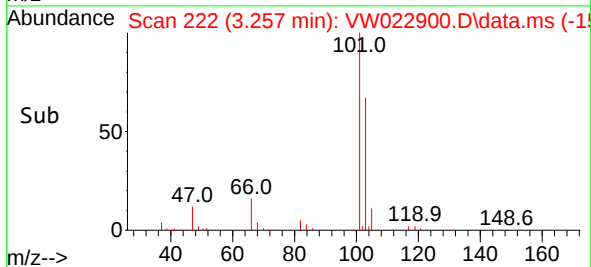
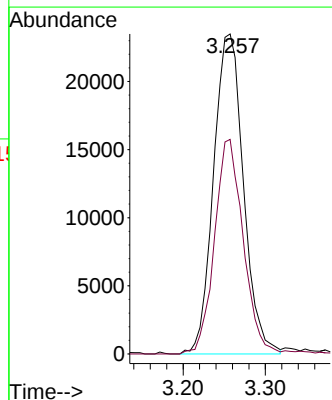
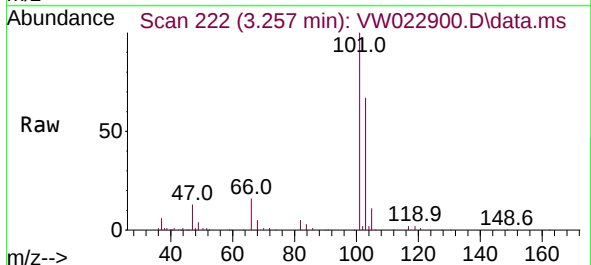
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MSVOA_W
ClientSampleId :

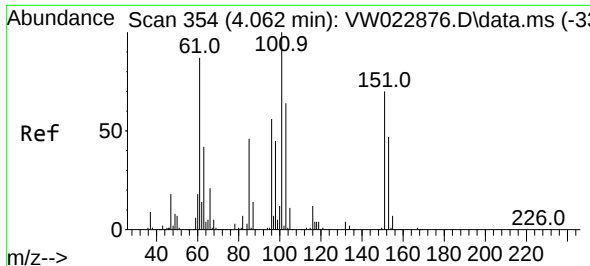
Tgt Ion: 64 Resp: 84452
Ion Ratio Lower Upper
64 100
66 31.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 20.314 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion: 101 Resp: 59308
Ion Ratio Lower Upper
101 100
103 62.2 53.9 80.9

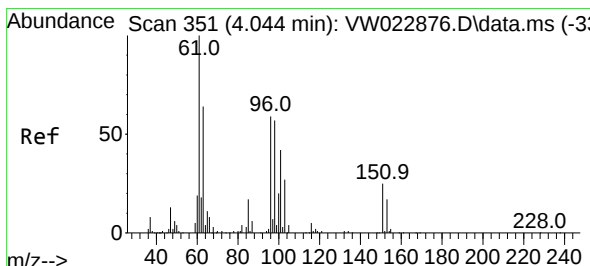
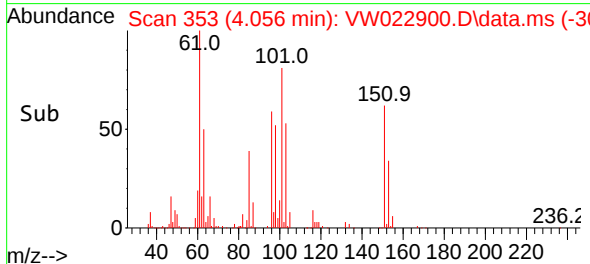
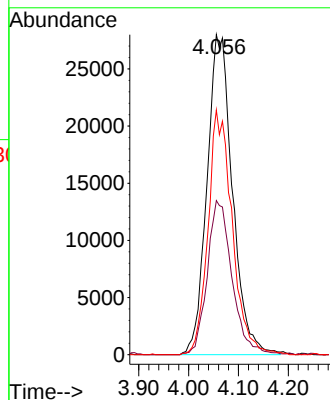
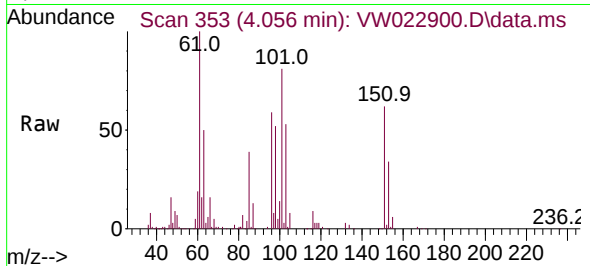




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.781 ug/L
 RT: 4.056 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW022900.D
 Acq: 06 May 2022 19:19

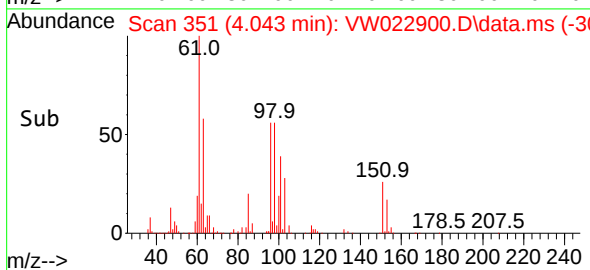
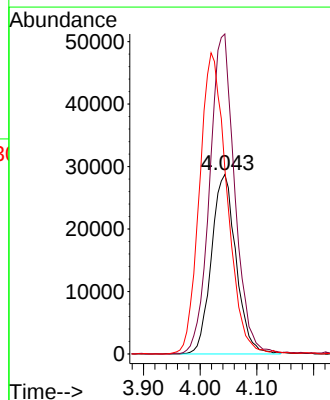
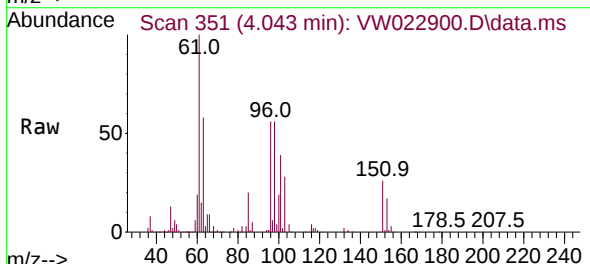
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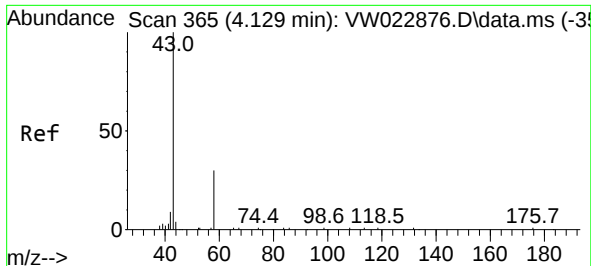
Tgt Ion:101 Resp: 99451
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.3 51.5
 151 36.6 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 22.384 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW022900.D
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Tgt Ion: 96 Resp: 86624
 Ion Ratio Lower Upper
 96 100
 61 178.5 125.7 233.5
 63 103.5 83.4 155.0

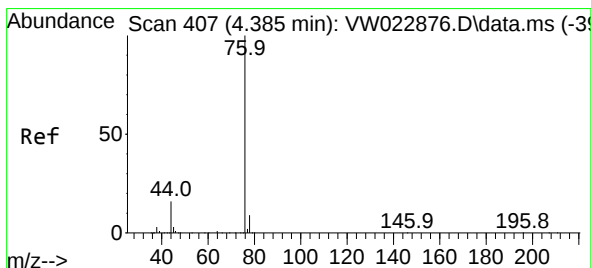
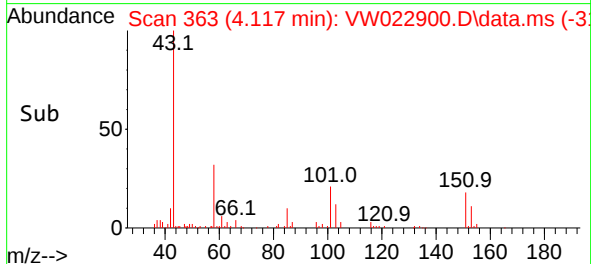
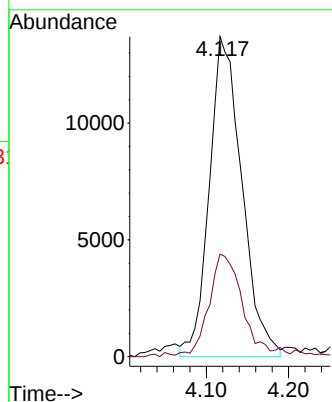
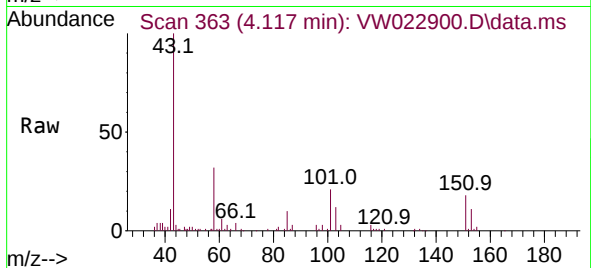




#13
Acetone
Concen: 42.713 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

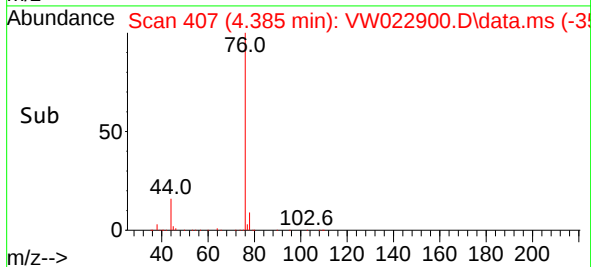
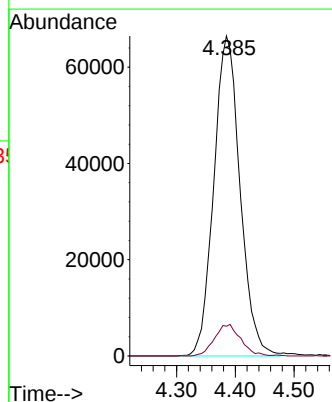
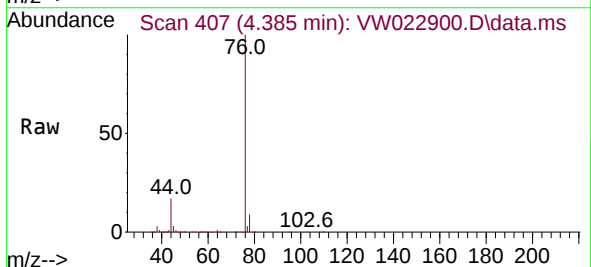
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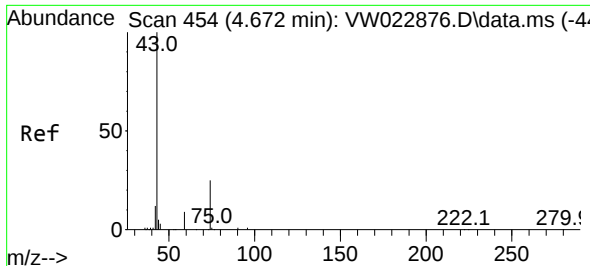
Tgt Ion: 43 Resp: 37692
Ion Ratio Lower Upper
43 100
58 29.8 0.0 64.0



#14
Carbon disulfide
Concen: 19.439 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 206242
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

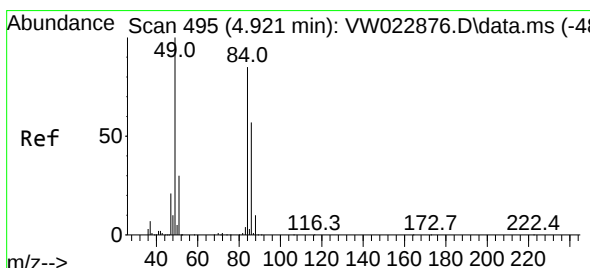
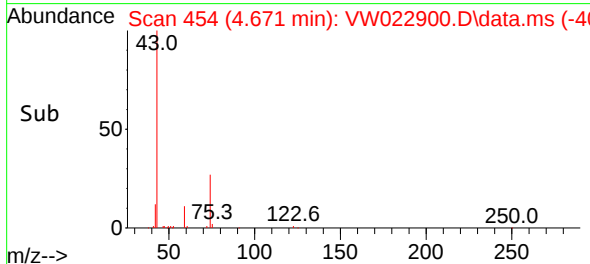
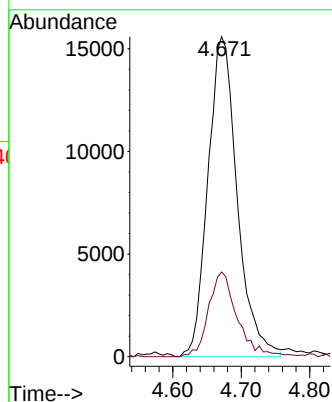
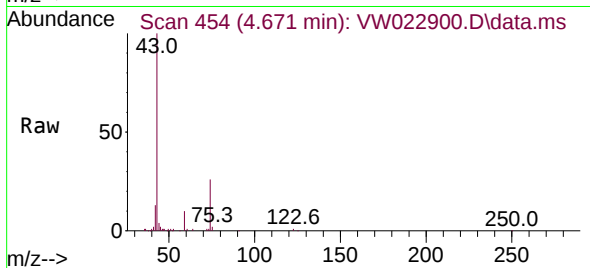




#15
Methyl Acetate
Concen: 26.075 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

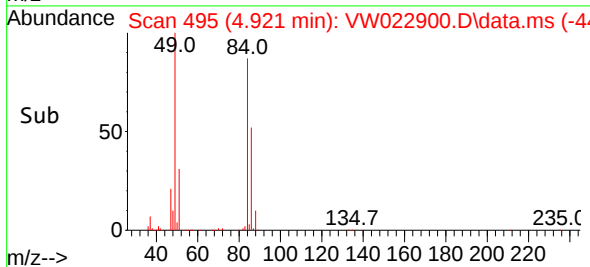
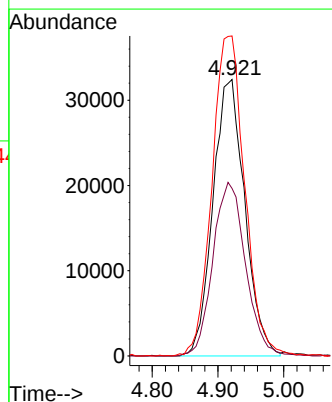
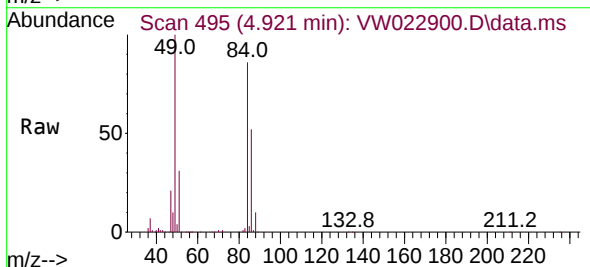
Instrument :
MSVOA_W
ClientSampleId :

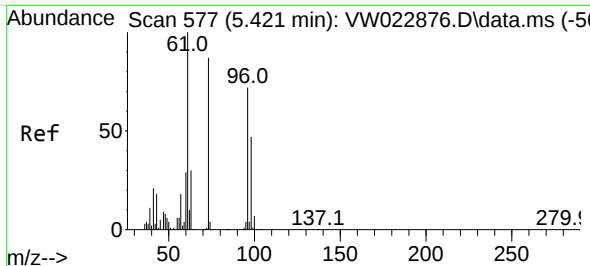
Tgt Ion: 43 Resp: 46226
Ion Ratio Lower Upper
43 100
74 24.4 21.9 32.9



#16
Methylene chloride
Concen: 24.713 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion: 84 Resp: 109263
Ion Ratio Lower Upper
84 100
86 60.6 45.4 84.4
49 115.7 82.5 153.1

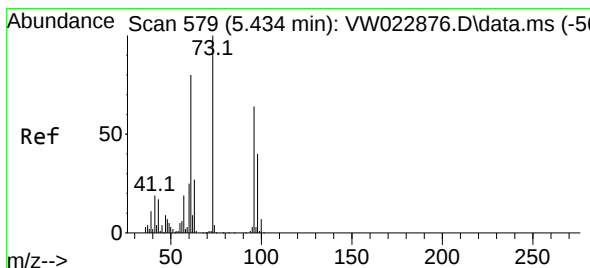
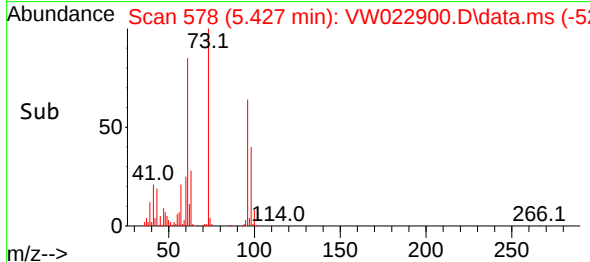
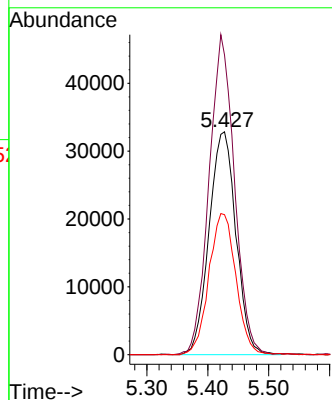
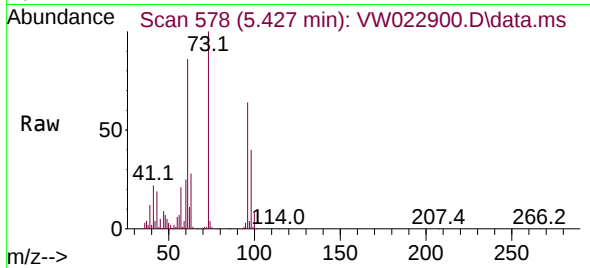




#17
trans-1,2-Dichloroethene
Concen: 23.191 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

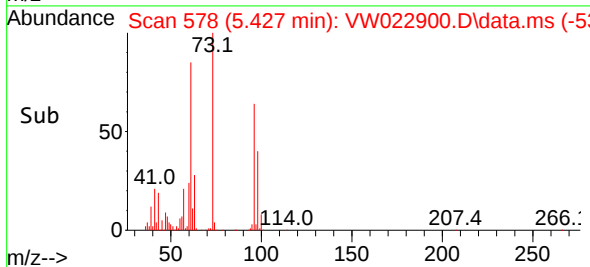
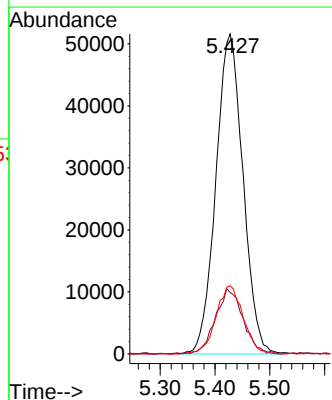
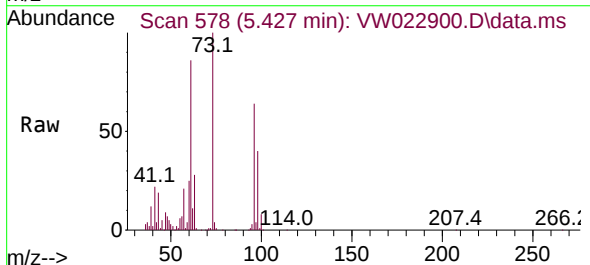
Instrument :
MSVOA_W
ClientSampleId :

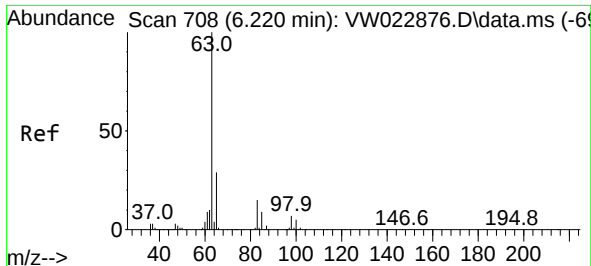
Tgt Ion: 96 Resp: 100995
Ion Ratio Lower Upper
96 100
61 134.5 92.2 171.2
98 62.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.694 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion: 73 Resp: 177465
Ion Ratio Lower Upper
73 100
43 20.6 15.9 23.9
57 21.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.874 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

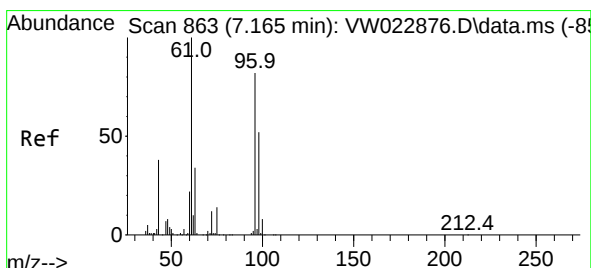
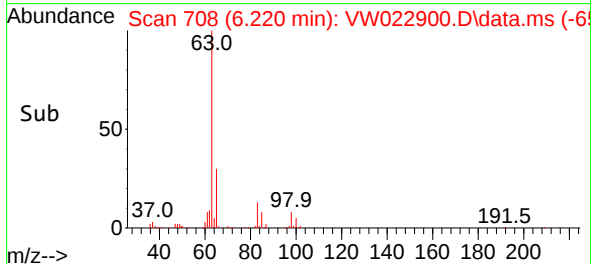
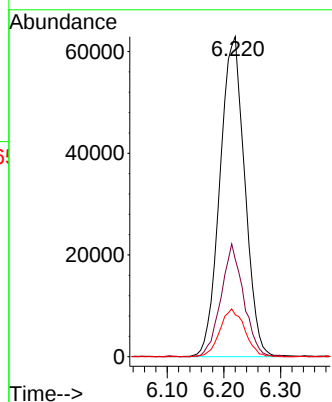
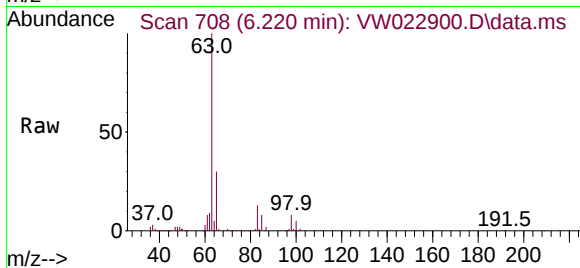
Tgt Ion: 63 Resp: 190975

Ion Ratio Lower Upper

63 100

65 30.4 23.3 43.3

83 13.1 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.580 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

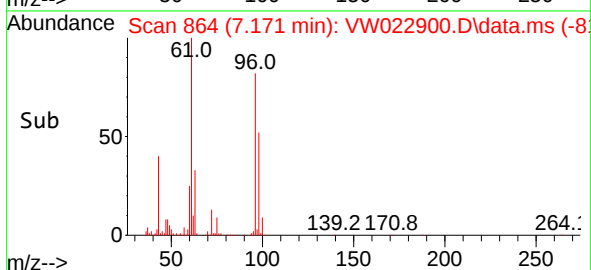
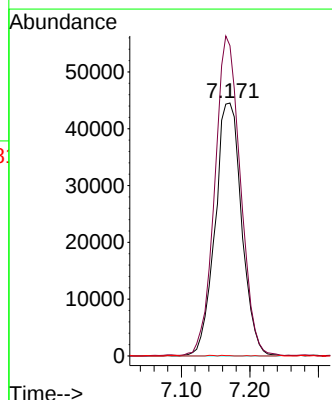
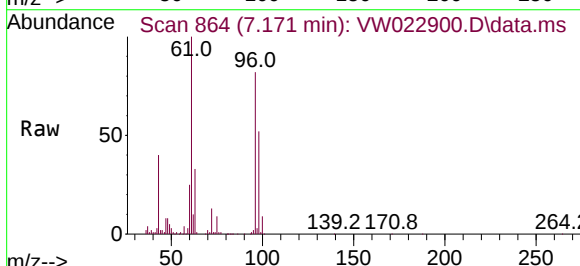
Tgt Ion: 96 Resp: 119656

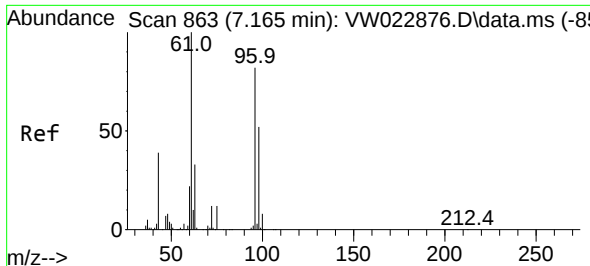
Ion Ratio Lower Upper

96 100

61 122.6 84.2 156.4

68 0.1 0.1 0.1

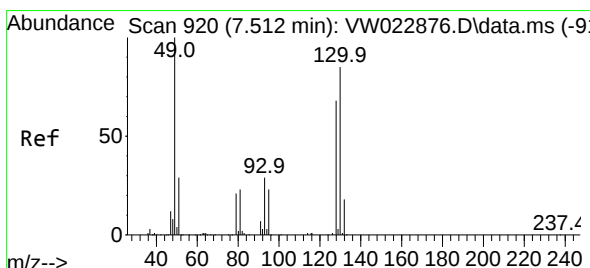
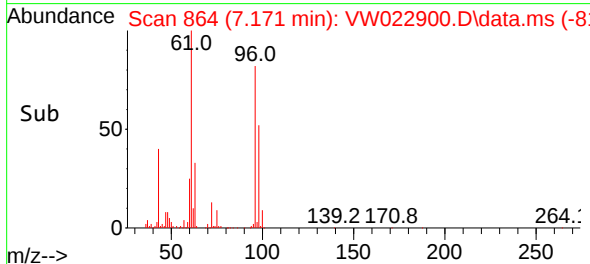
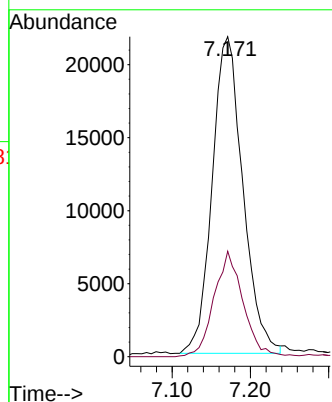
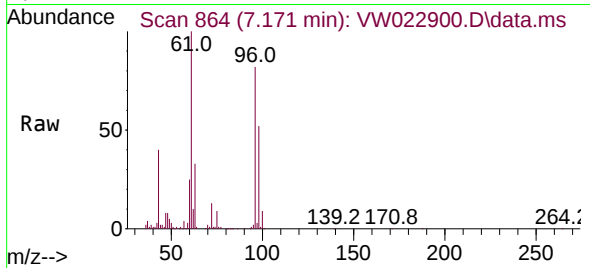




#22
2-Butanone
Concen: 47.843 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

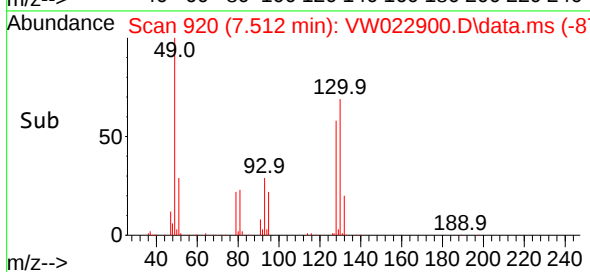
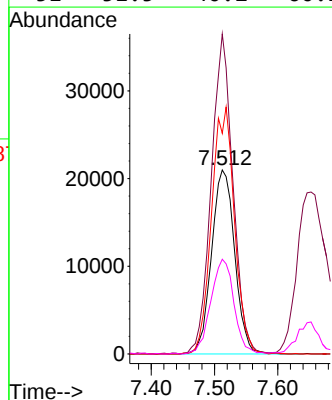
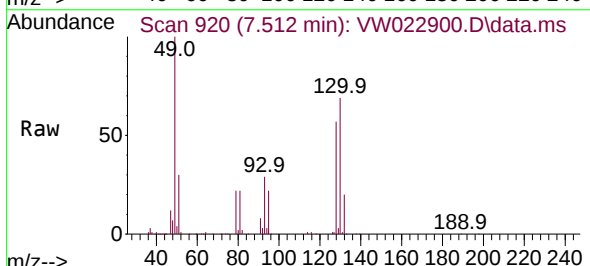
Instrument :
MSVOA_W
ClientSampleId :

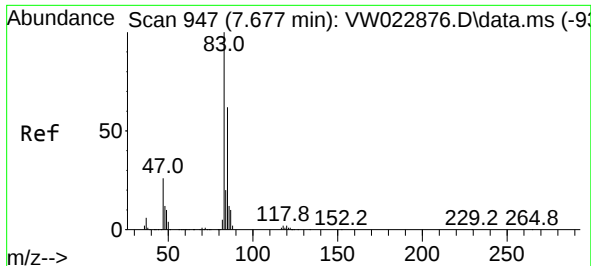
Tgt Ion: 43 Resp: 59043
Ion Ratio Lower Upper
43 100
72 31.3 15.1 45.3



#23
Bromochloromethane
Concen: 24.320 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion: 128 Resp: 53276
Ion Ratio Lower Upper
128 100
49 174.0 110.0 204.4
130 119.9 94.8 176.0
51 51.5 40.2 60.2

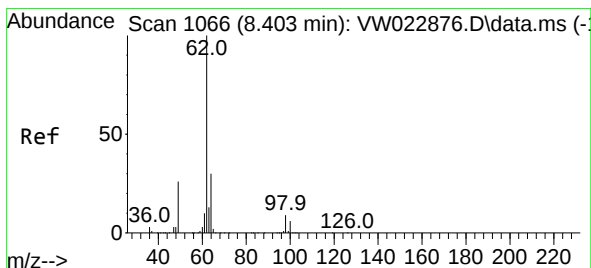
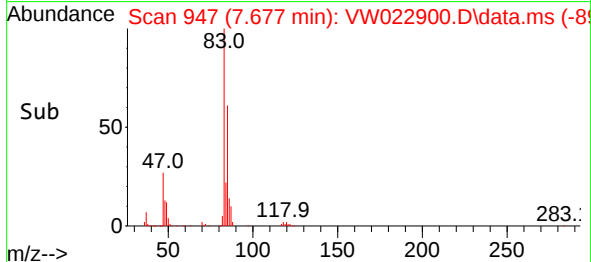
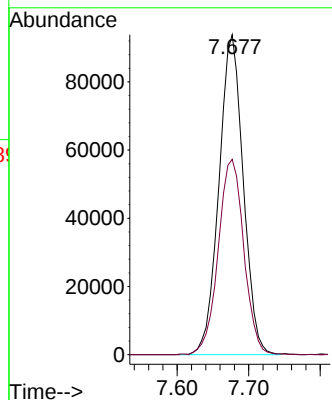
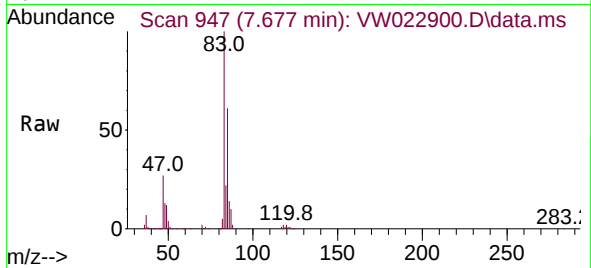




#25
Chloroform
Concen: 27.118 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

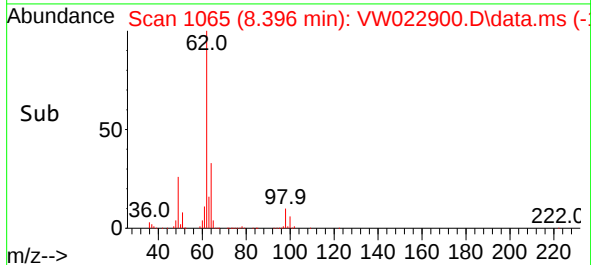
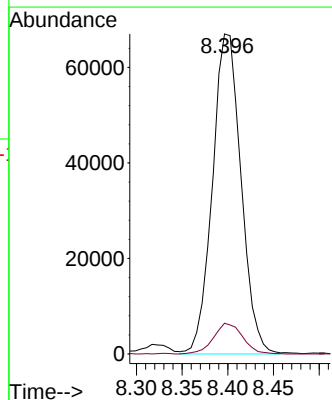
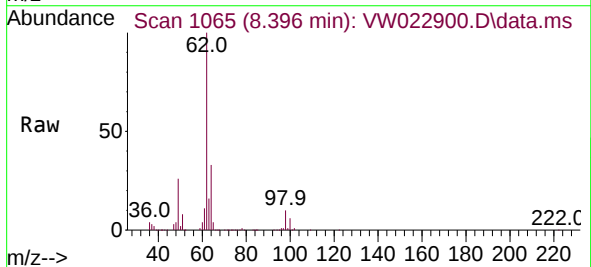
Instrument :
MSVOA_W
ClientSampleId :

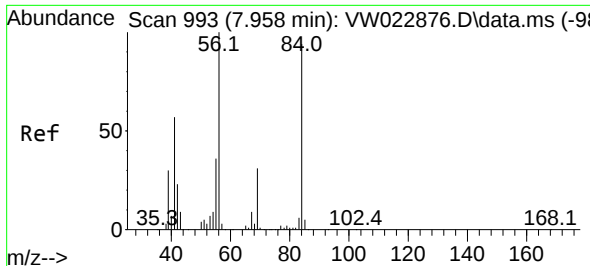
Tgt Ion: 83 Resp: 221328
Ion Ratio Lower Upper
83 100
85 61.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.818 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

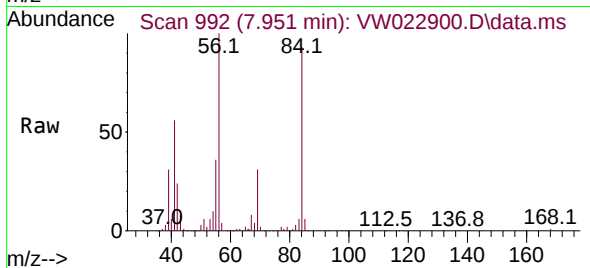
Tgt Ion: 62 Resp: 145904
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8



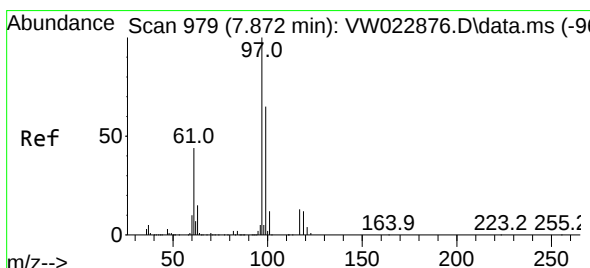
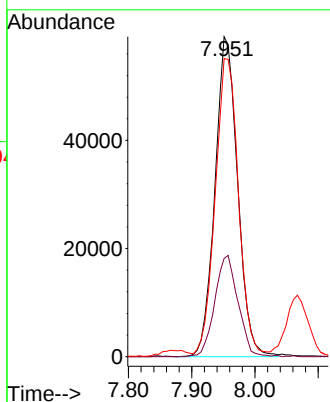
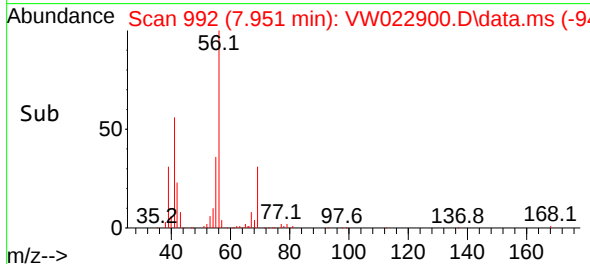


#29
Cyclohexane
Concen: 22.157 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Instrument :
MSVOA_W
ClientSampleId :

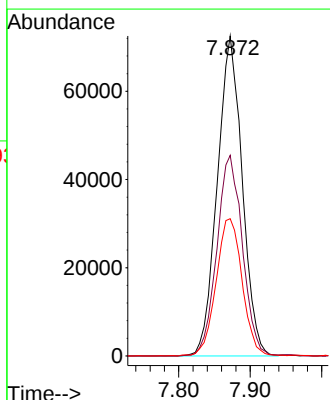
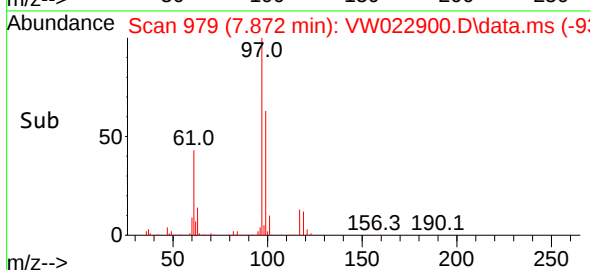
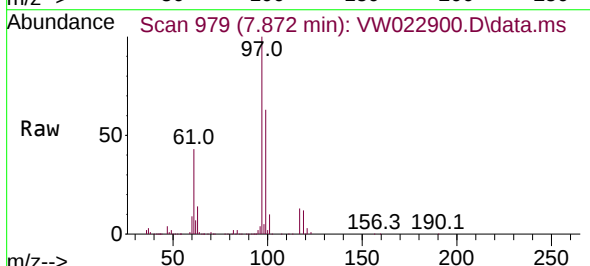


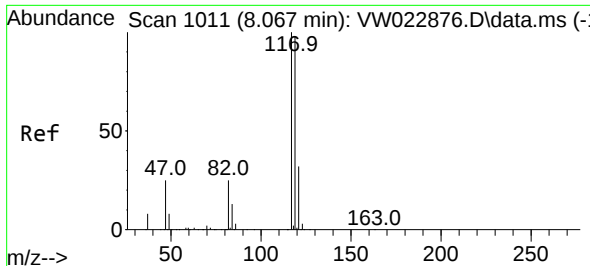
Tgt Ion: 56 Resp: 147316
Ion Ratio Lower Upper
56 100
69 32.3 25.6 38.4
84 95.5 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 24.150 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion: 97 Resp: 175452
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 44.7 34.8 52.2

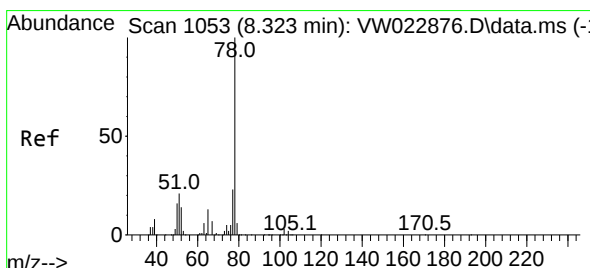
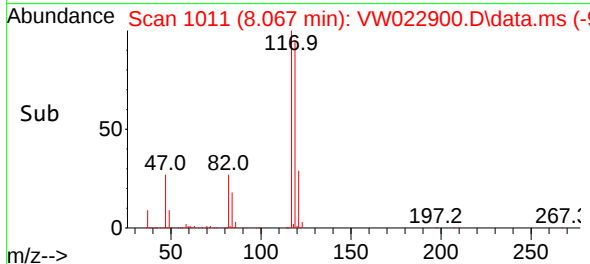
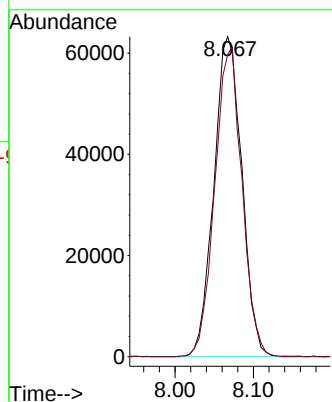
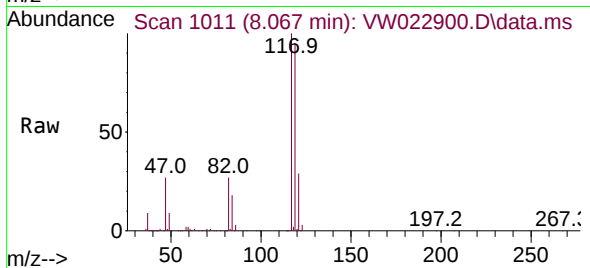




#31
Carbon tetrachloride
Concen: 23.060 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

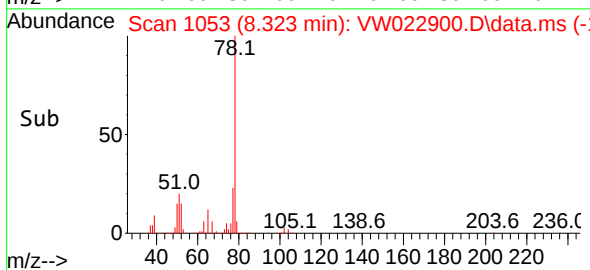
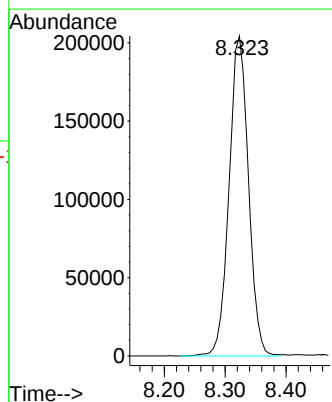
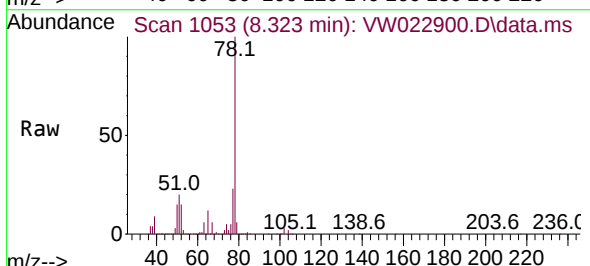
Instrument :
MSVOA_W
ClientSampleId :

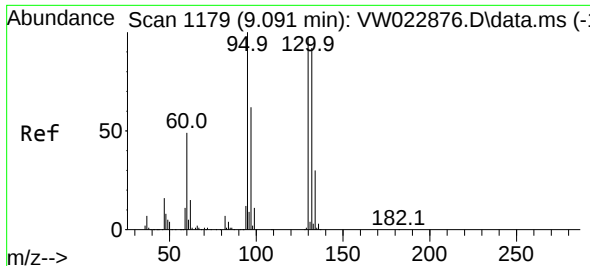
Tgt Ion:117 Resp: 156719
Ion Ratio Lower Upper
117 100
119 94.3 76.6 115.0



#33
Benzene
Concen: 24.915 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion: 78 Resp: 451230



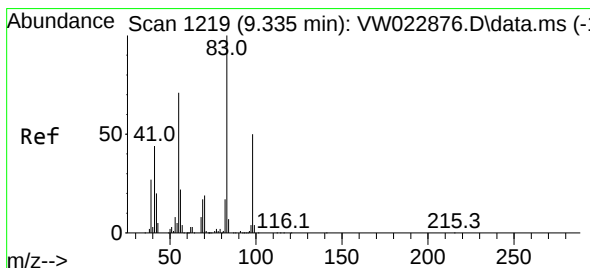
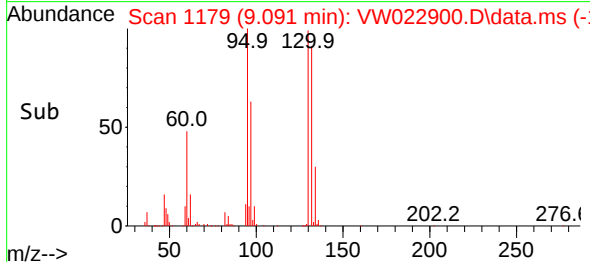
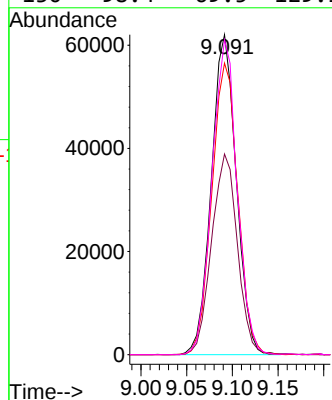
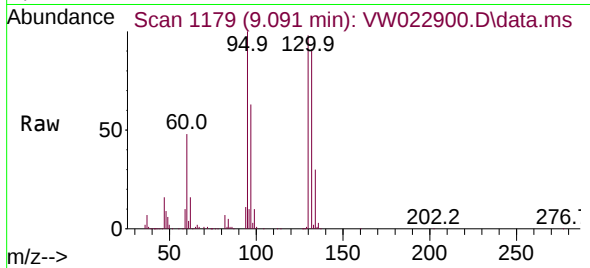


#34
Trichloroethene
Concen: 23.665 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 117868

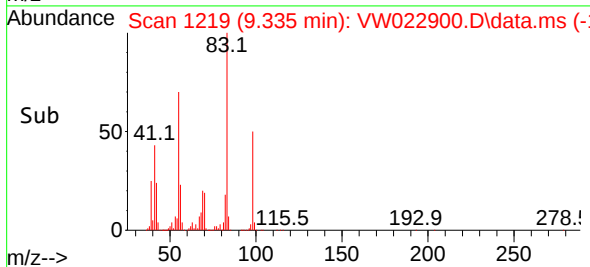
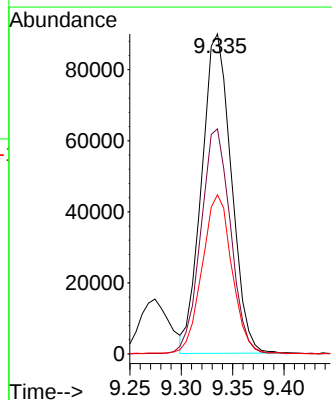
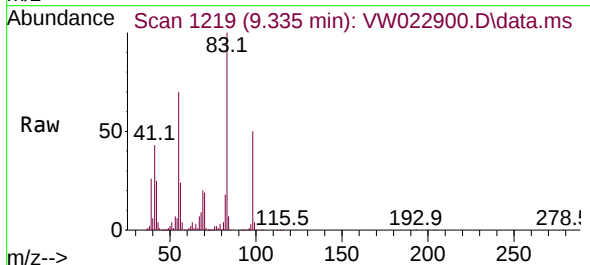
Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.1	85.7
132	91.1	66.9	124.3
130	98.4	69.5	129.1

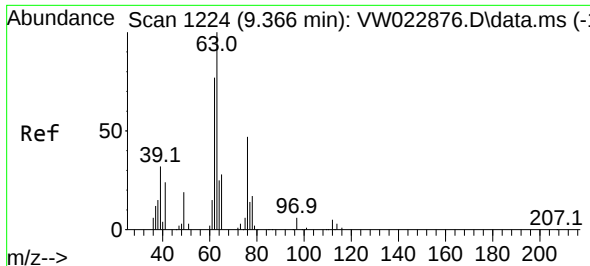


#35
Methylcyclohexane
Concen: 22.053 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion: 83 Resp: 180447

Ion	Ratio	Lower	Upper
83	100		
55	70.4	55.1	82.7
98	50.2	40.4	60.6





#37

1,2-Dichloropropane

Concen: 25.697 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

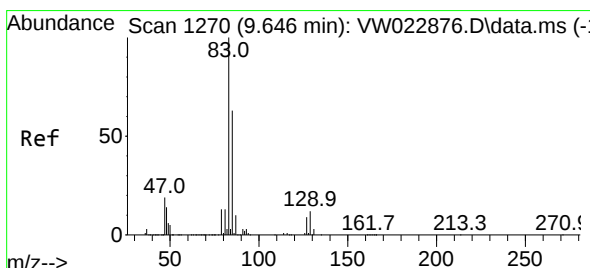
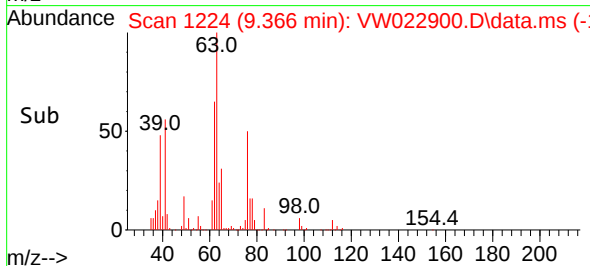
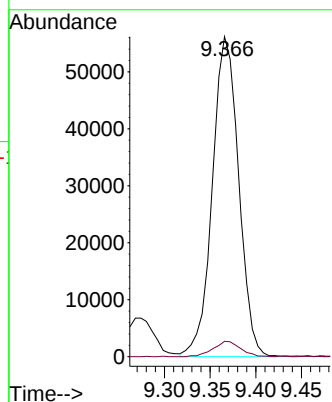
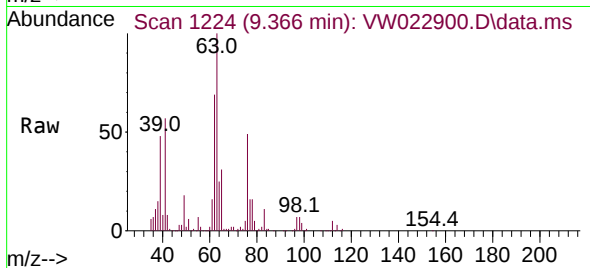
ClientSampleId :

Tgt Ion: 63 Resp: 112623

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 25.781 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

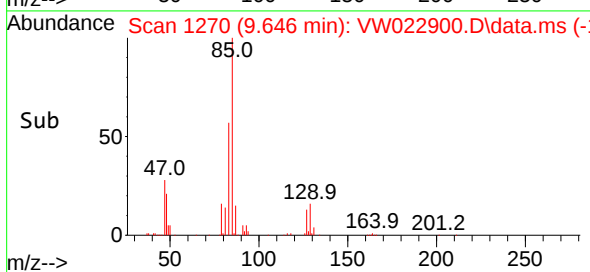
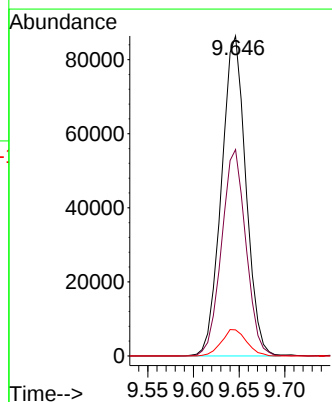
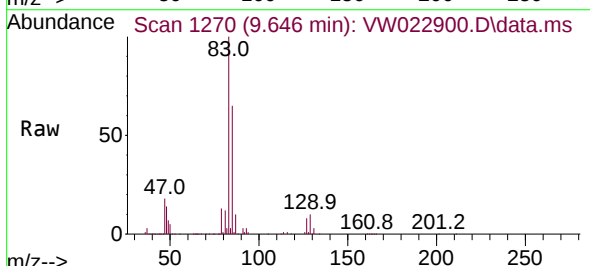
Tgt Ion: 83 Resp: 160493

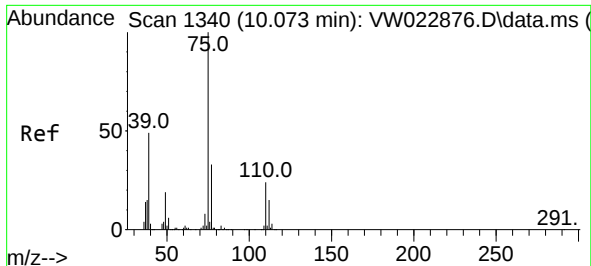
Ion Ratio Lower Upper

83 100

85 64.5 43.5 80.7

127 8.2 7.1 10.7

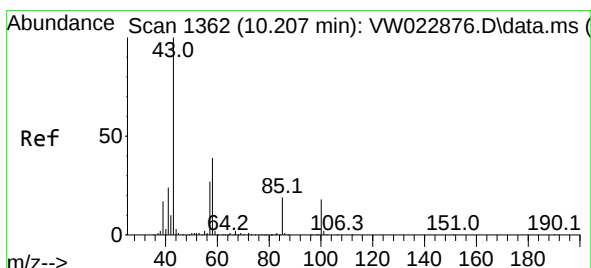
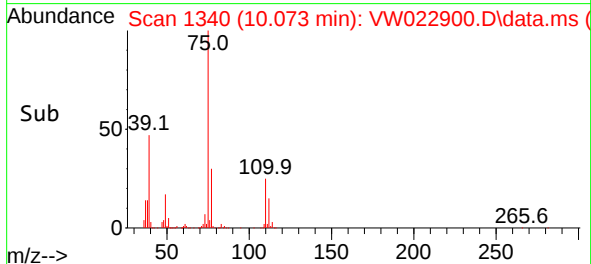
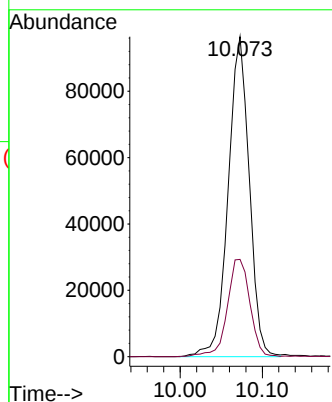
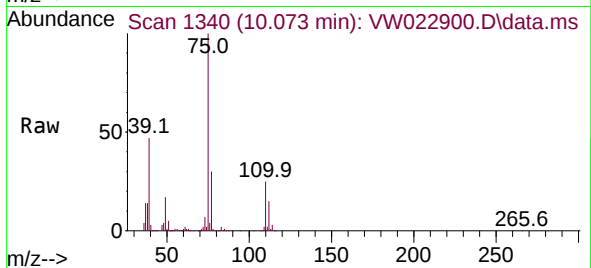




#39
cis-1,3-Dichloropropene
Concen: 25.350 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

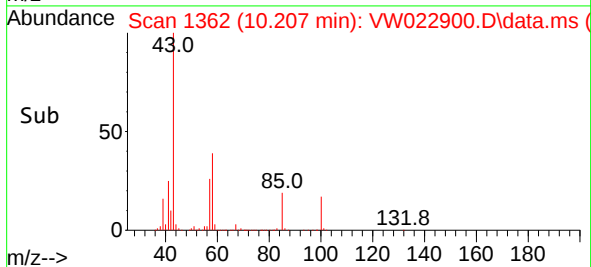
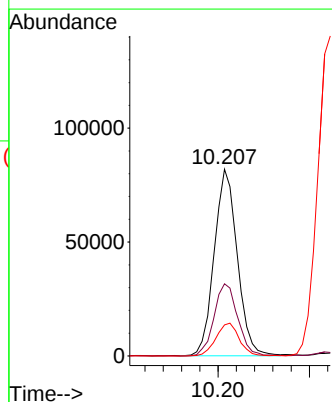
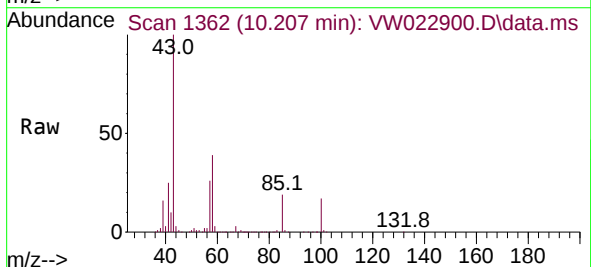
Instrument :
MSVOA_W
ClientSampleId :

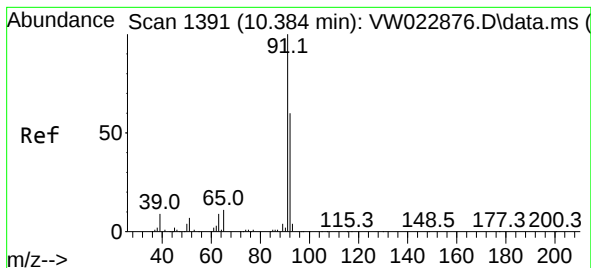
Tgt Ion: 75 Resp: 172270
Ion Ratio Lower Upper
75 100
77 30.4 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 52.024 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion: 43 Resp: 143713
Ion Ratio Lower Upper
43 100
58 39.7 31.4 47.2
100 17.9 14.2 21.4





#42

Toluene

Concen: 25.427 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

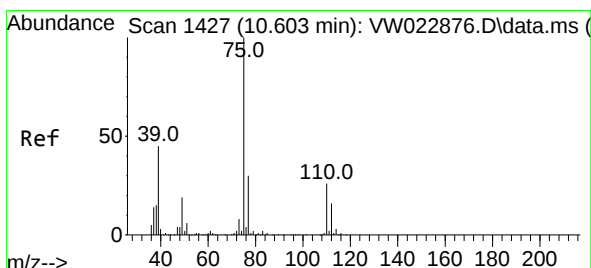
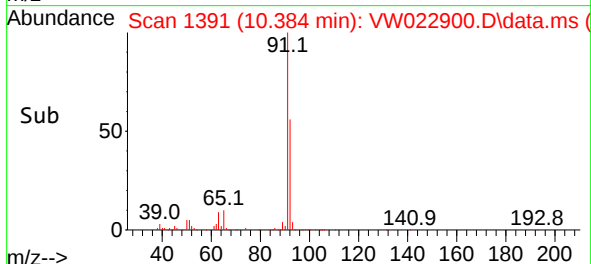
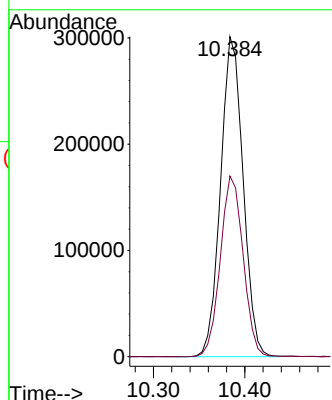
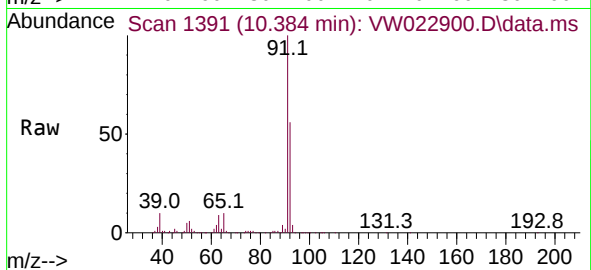
ClientSampleId :

Tgt Ion: 91 Resp: 516081

Ion Ratio Lower Upper

91 100

92 56.5 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 25.205 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022900.D

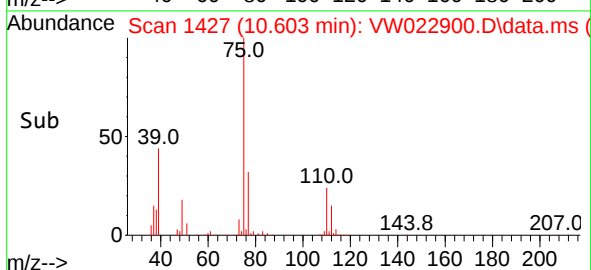
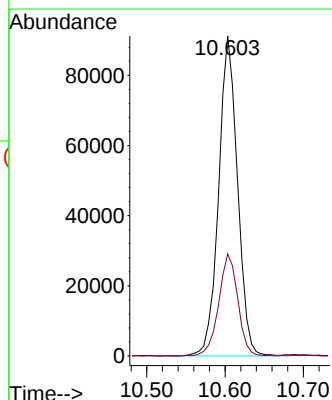
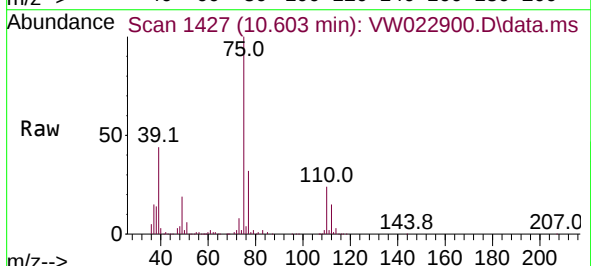
Acq: 06 May 2022 19:19

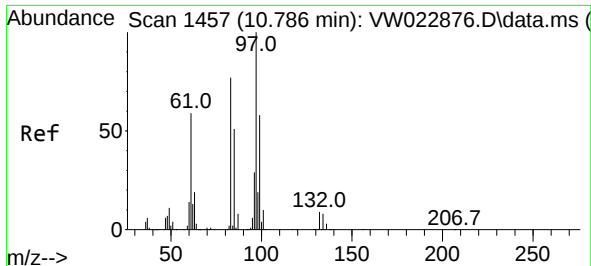
Tgt Ion: 75 Resp: 152884

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8

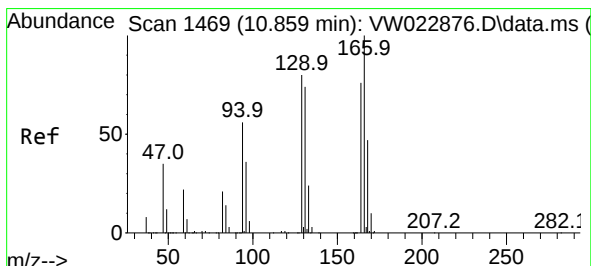
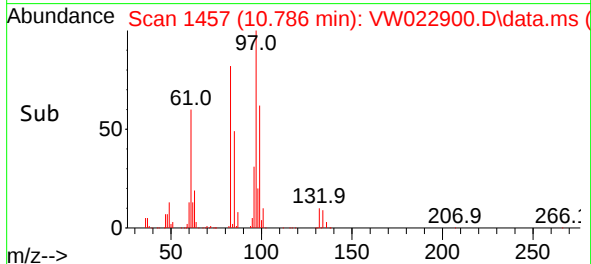
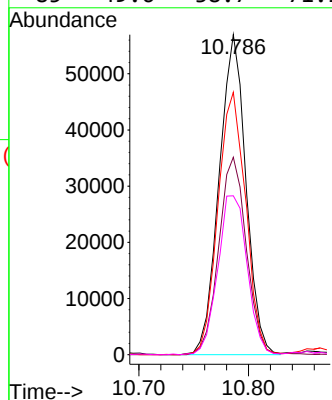
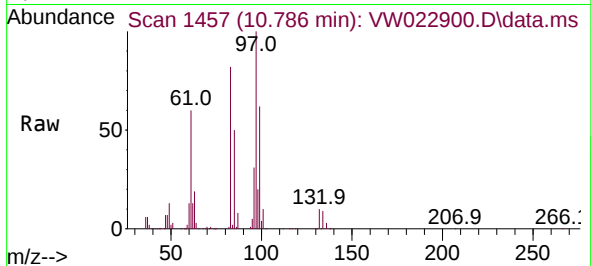




#45
1,1,2-Trichloroethane
Concen: 26.411 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

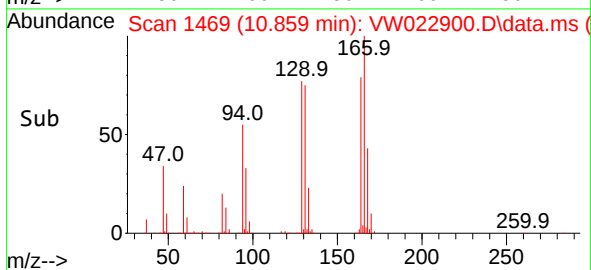
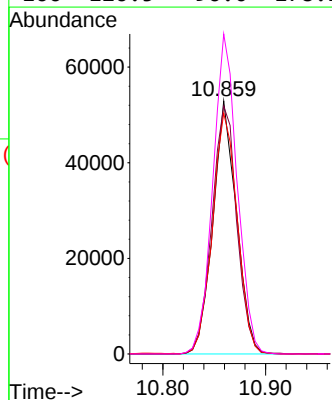
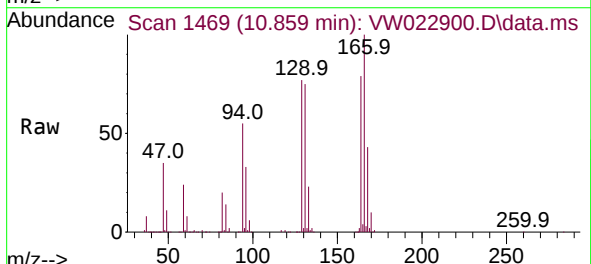
Instrument :
MSVOA_W
ClientSampleId :

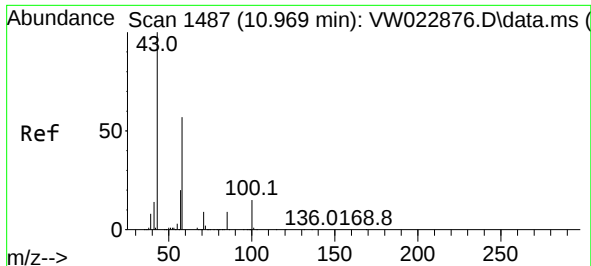
Tgt Ion:	97	Resp:	96766
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.7	82.9
83	82.0	58.4	108.4
85	49.6	38.7	71.9



#46
Tetrachloroethene
Concen: 22.441 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion:	164	Resp:	83996
Ion	Ratio	Lower	Upper
164	100		
129	98.0	76.9	142.7
131	95.2	75.1	139.5
166	126.5	96.0	178.2

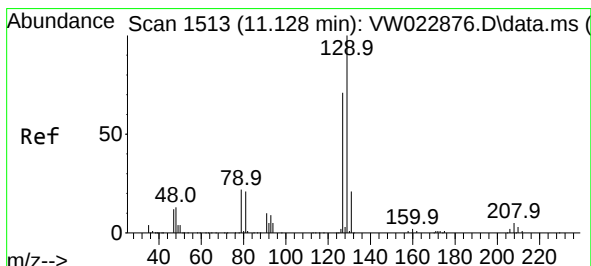
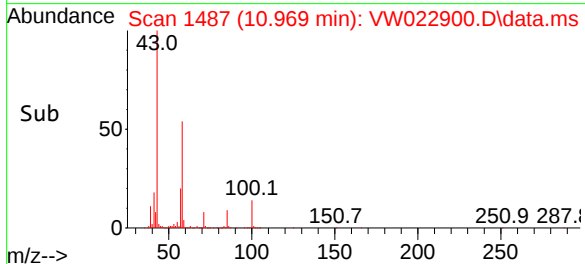
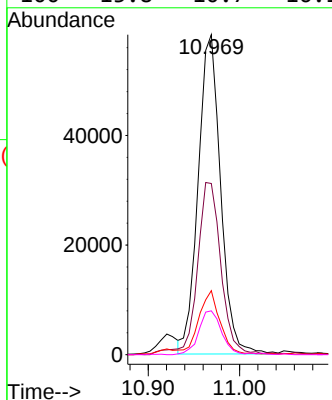
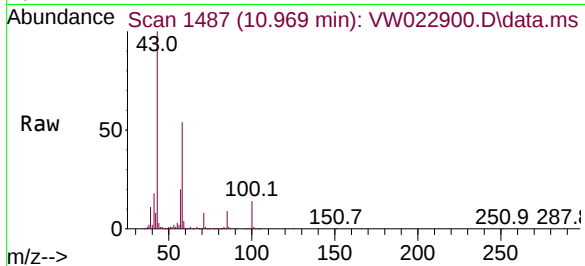




#48
2-Hexanone
Concen: 54.083 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

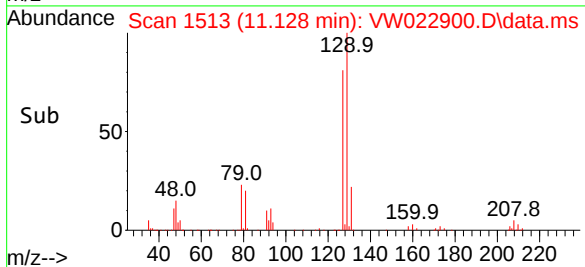
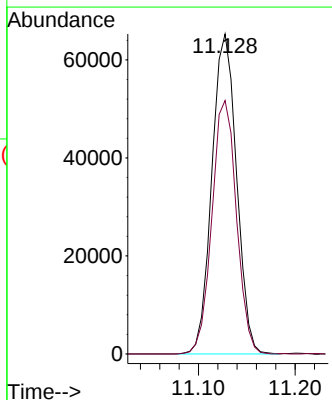
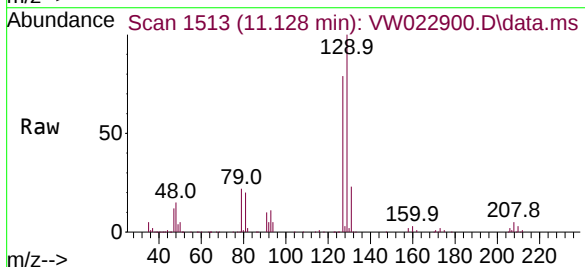
Instrument :
MSVOA_W
ClientSampleId :

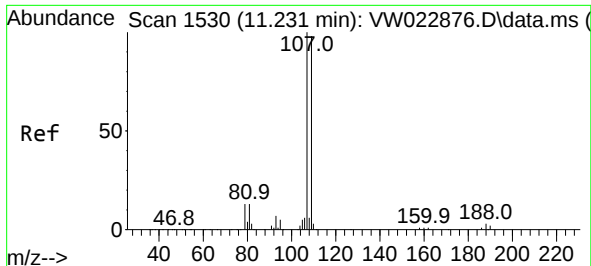
Tgt Ion:	43	Resp:	99823
Ion	Ratio	Lower	Upper
43	100		
58	56.6	45.9	68.9
57	19.3	16.2	24.2
100	13.8	10.7	16.1



#49
Dibromochloromethane
Concen: 26.251 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion:	129	Resp:	115758
Ion	Ratio	Lower	Upper
129	100		
127	79.2	53.8	100.0





#50

1,2-Dibromoethane

Concen: 25.607 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW022900.D

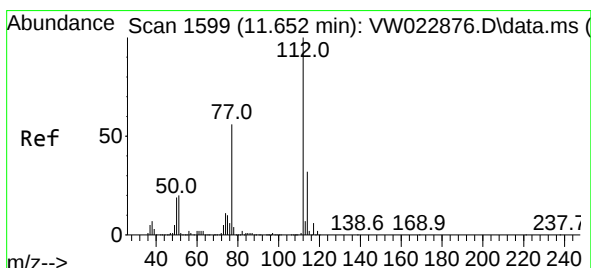
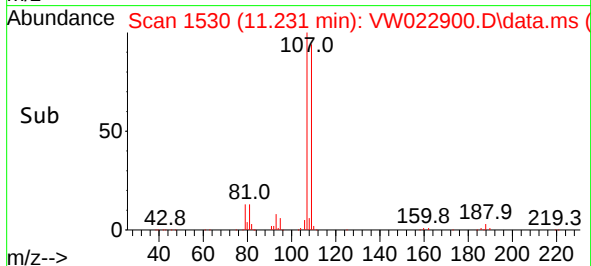
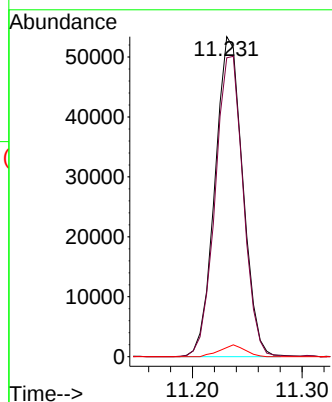
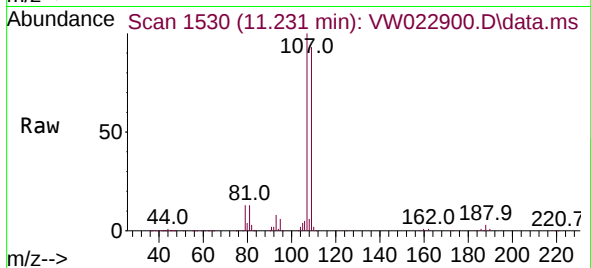
Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	94208
Ion	Ratio	Lower	Upper
107	100		
109	93.4	67.5	125.4
188	2.8	2.9	4.3#



#51

Chlorobenzene

Concen: 25.393 ug/L

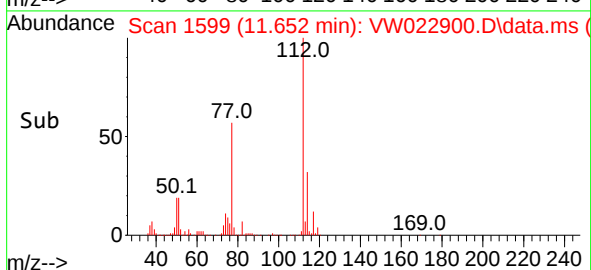
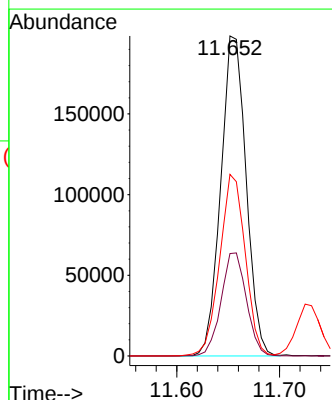
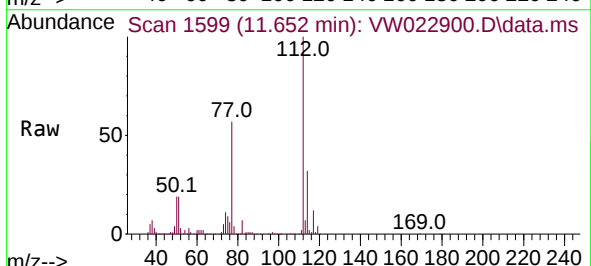
RT: 11.652 min Scan# 1599

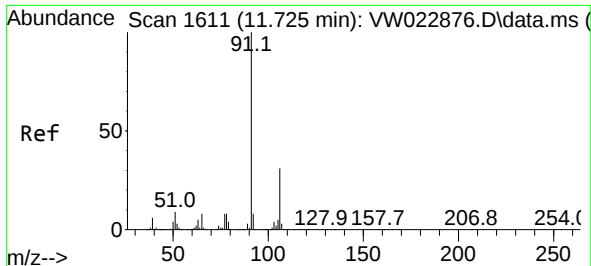
Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Tgt Ion:	112	Resp:	339782
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	41.0
77	56.8	42.6	63.8

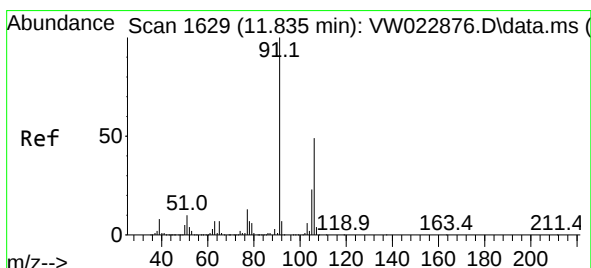
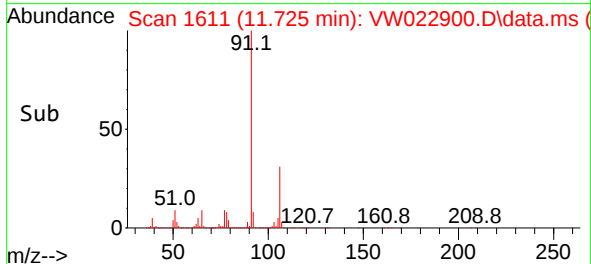
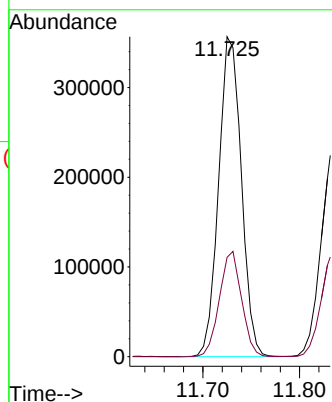
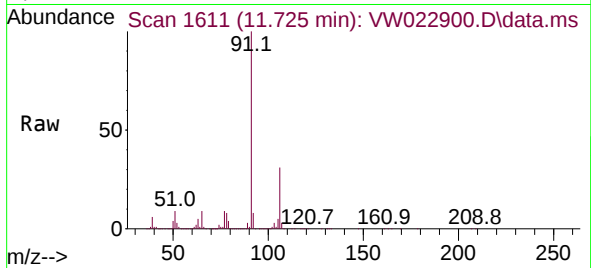




#52
Ethylbenzene
Concen: 25.710 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

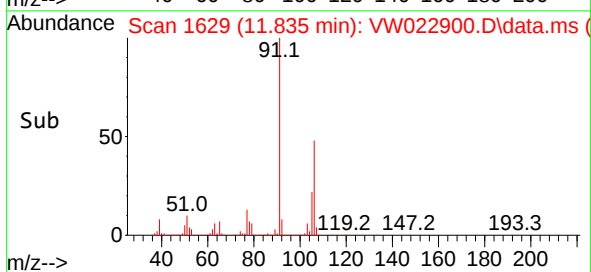
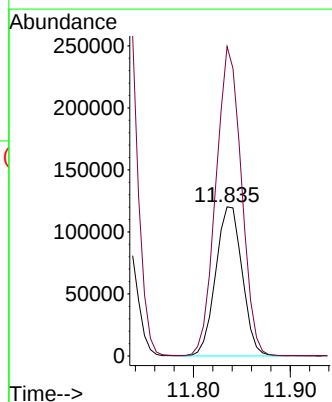
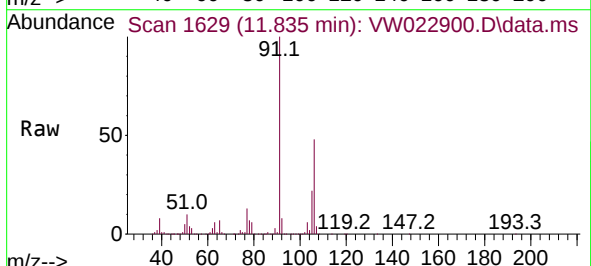
Instrument :
MSVOA_W
ClientSampleId :

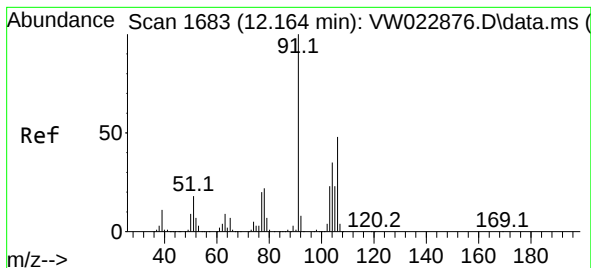
Tgt Ion: 91 Resp: 580553
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 25.737 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

Tgt Ion:106 Resp: 228985
Ion Ratio Lower Upper
106 100
91 207.6 136.8 254.0





#54

o-Xylene

Concen: 26.399 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

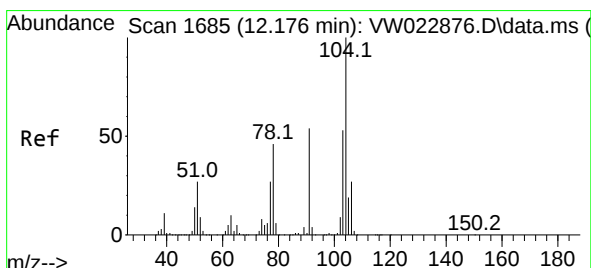
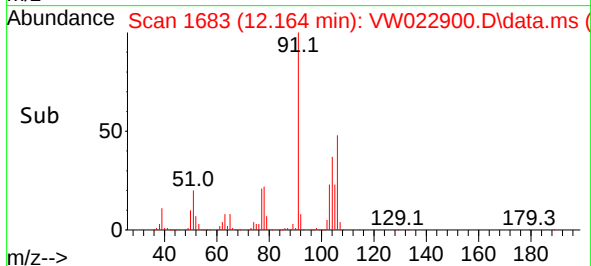
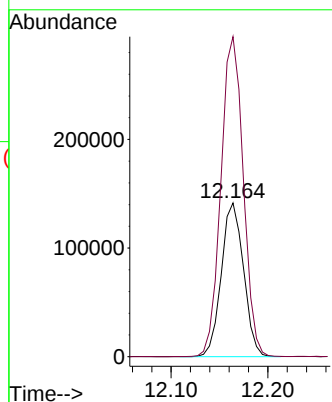
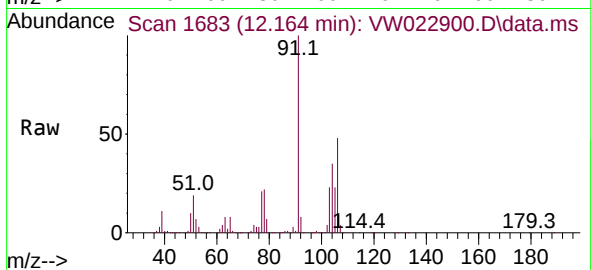
ClientSampleId :

Tgt Ion:106 Resp: 225392

Ion Ratio Lower Upper

106 100

91 208.2 147.2 273.4



#55

Styrene

Concen: 27.166 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022900.D

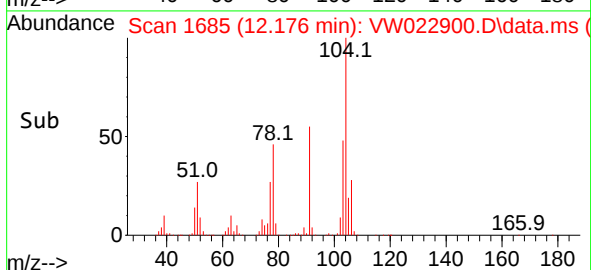
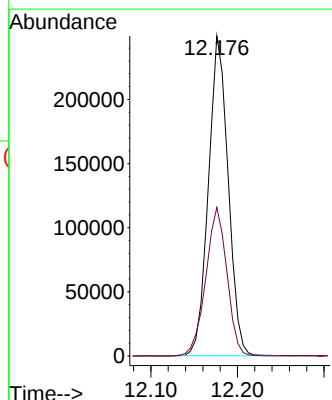
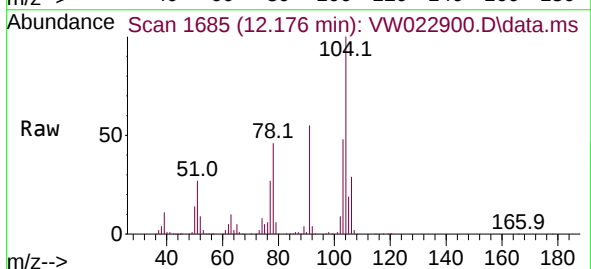
Acq: 06 May 2022 19:19

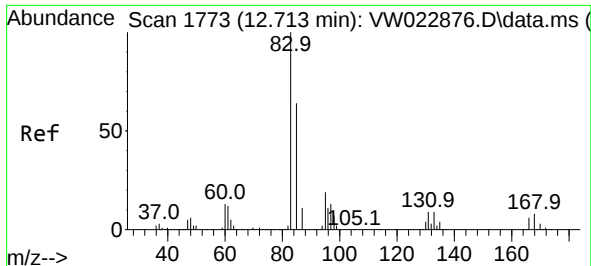
Tgt Ion:104 Resp: 394120

Ion Ratio Lower Upper

104 100

78 46.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.451 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

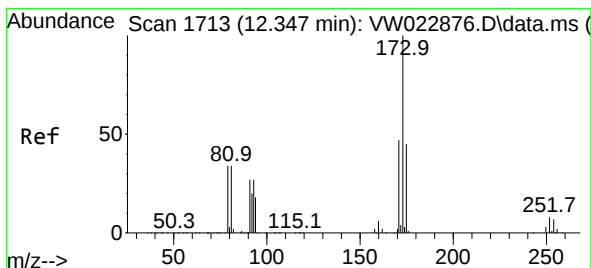
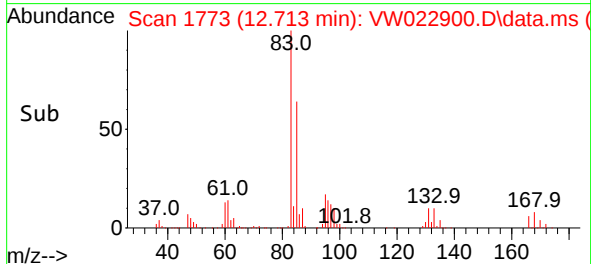
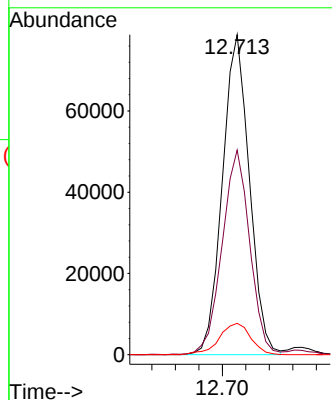
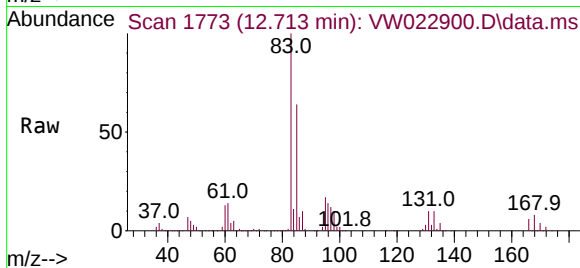
Tgt Ion: 83 Resp: 125621

Ion Ratio Lower Upper

83 100

85 64.0 47.5 88.1

131 9.8 8.7 13.1



#59

Bromoform

Concen: 24.534 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

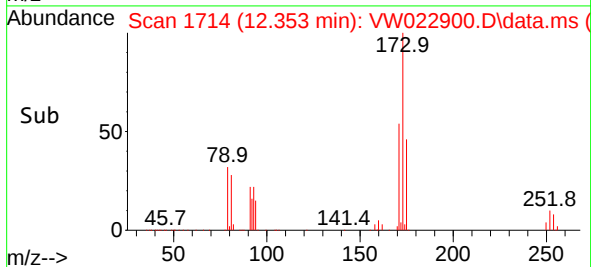
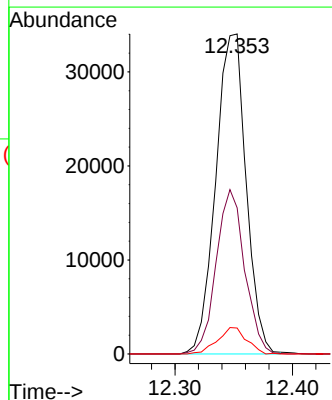
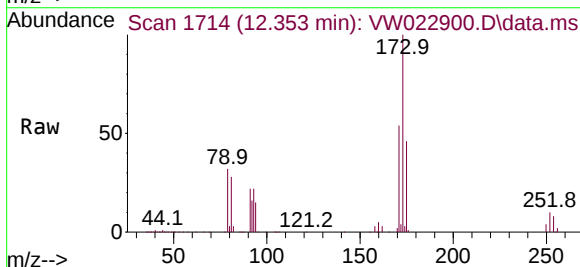
Tgt Ion:173 Resp: 61214

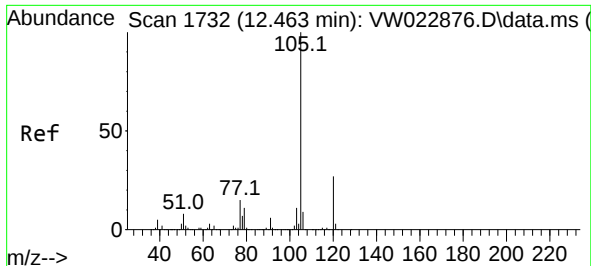
Ion Ratio Lower Upper

173 100

175 48.1 38.1 57.1

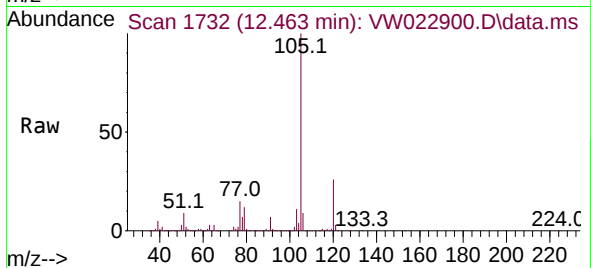
254 7.8 6.5 9.7



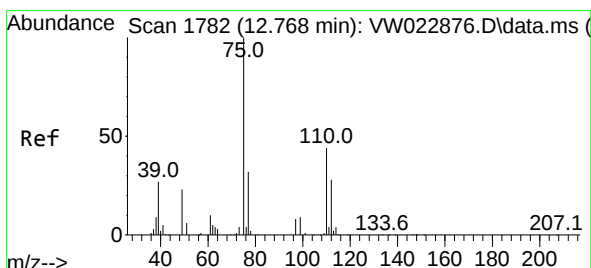
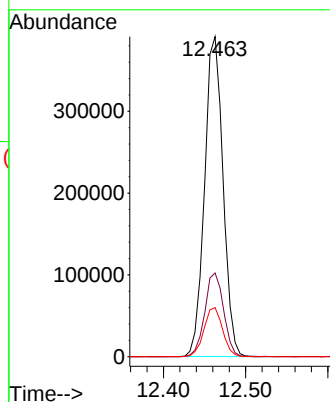
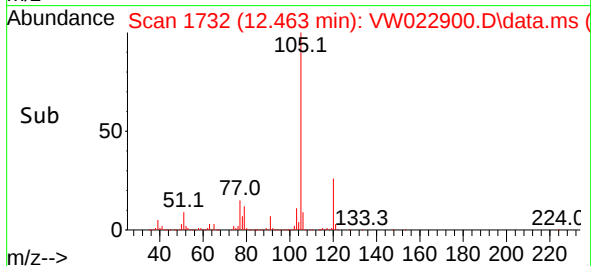


#60
Isopropylbenzene
Concen: 25.263 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19

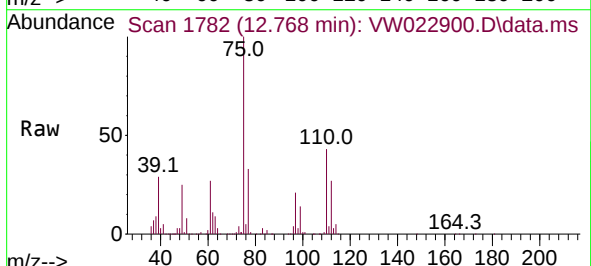
Instrument :
MSVOA_W
ClientSampleId :



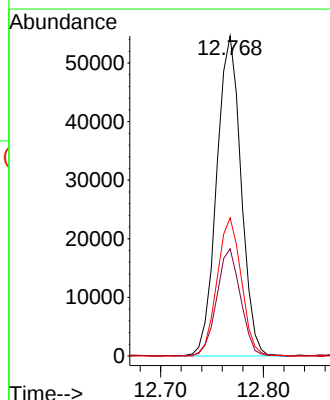
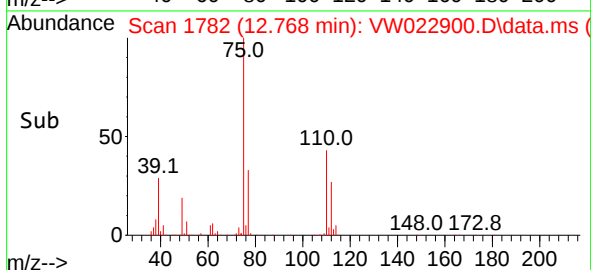
Tgt Ion:105 Resp: 609334
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.5 12.6 19.0

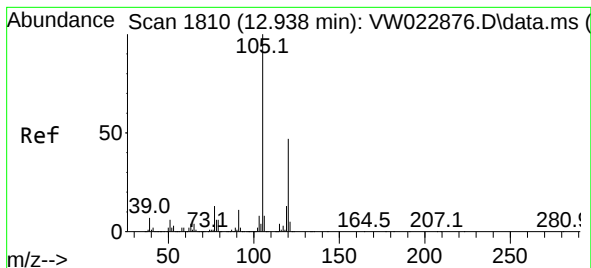


#61
1,2,3-Trichloropropane
Concen: 25.557 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022900.D
Acq: 06 May 2022 19:19



Tgt Ion: 75 Resp: 89906
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 42.7 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 25.243 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

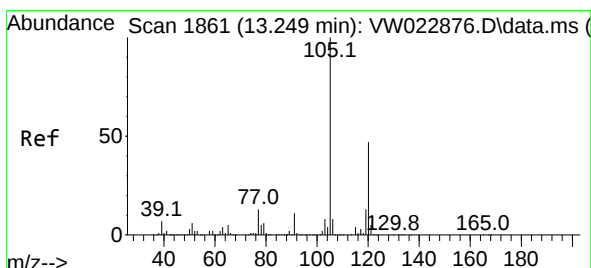
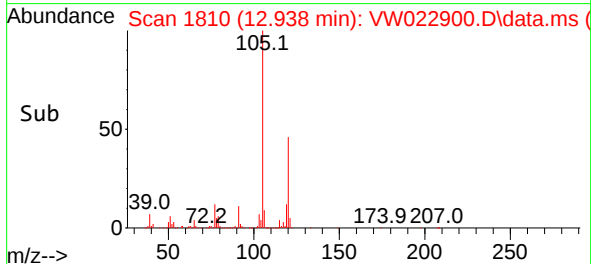
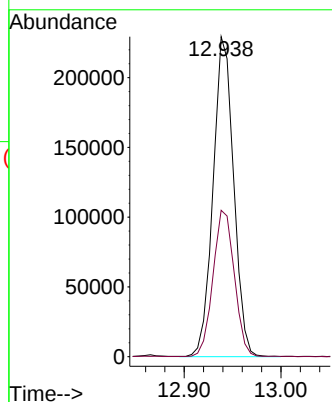
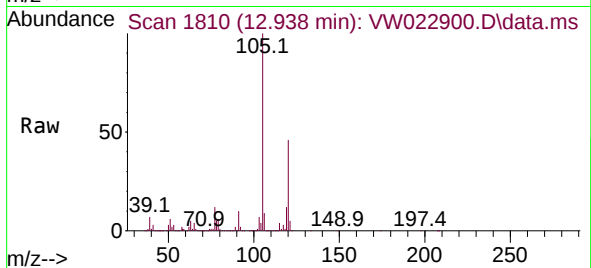
ClientSampleId :

Tgt Ion:105 Resp: 338732

Ion Ratio Lower Upper

105 100

120 47.5 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 25.564 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022900.D

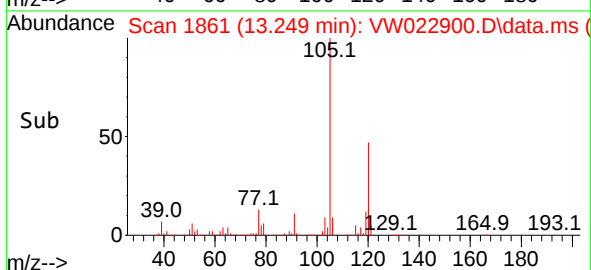
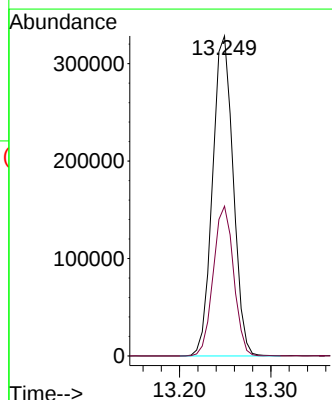
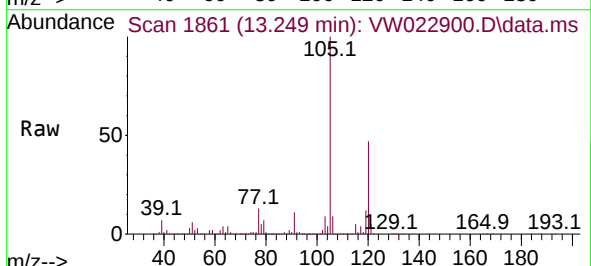
Acq: 06 May 2022 19:19

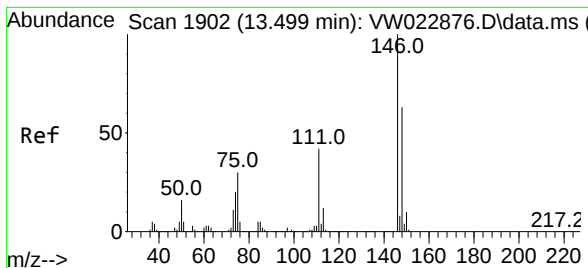
Tgt Ion:105 Resp: 515073

Ion Ratio Lower Upper

105 100

120 46.2 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 25.171 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

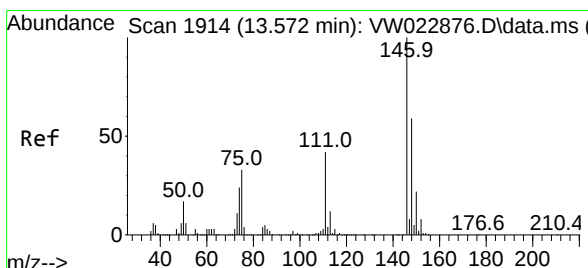
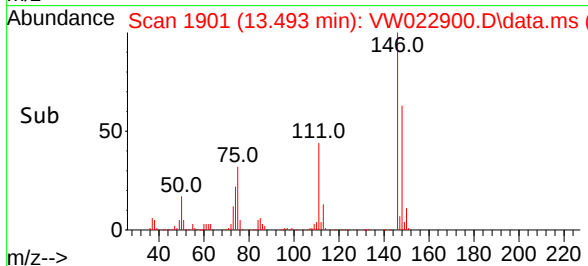
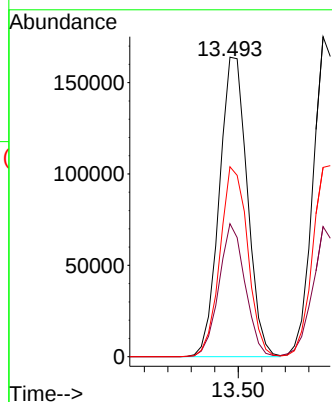
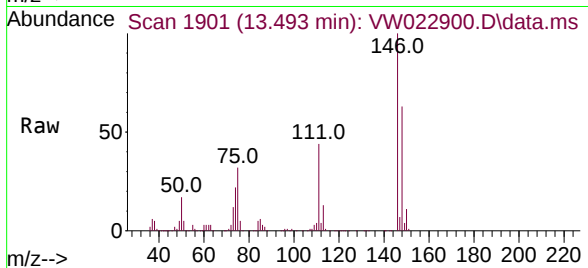
Tgt Ion:146 Resp: 271056

Ion Ratio Lower Upper

146 100

111 44.4 29.5 54.9

148 63.4 48.6 90.2



#65

1,4-Dichlorobenzene

Concen: 25.354 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

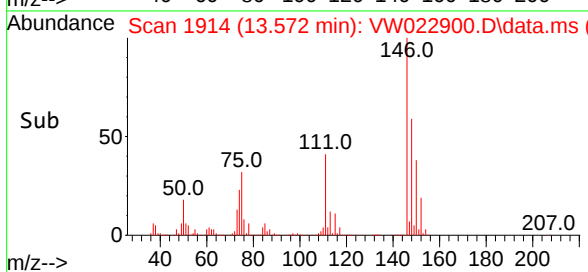
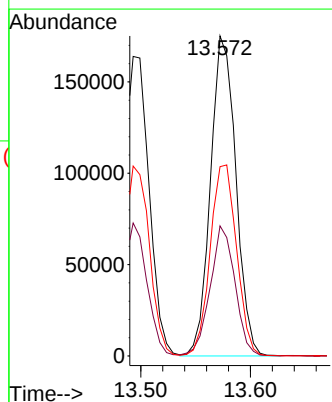
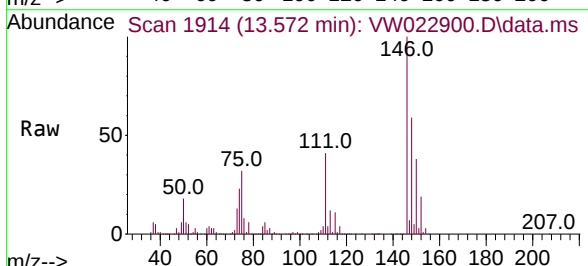
Tgt Ion:146 Resp: 282007

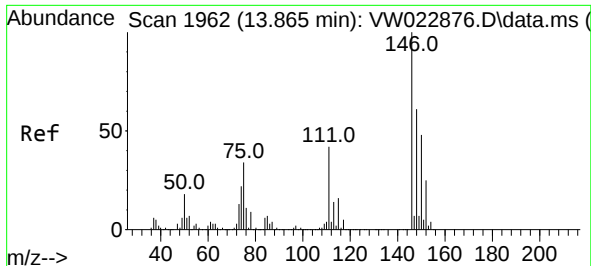
Ion Ratio Lower Upper

146 100

111 40.7 27.2 50.4

148 59.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.175 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

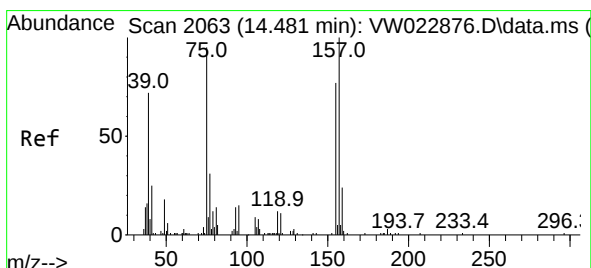
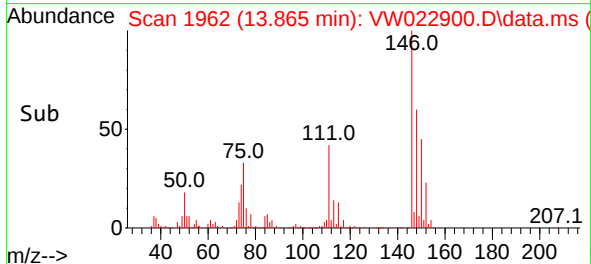
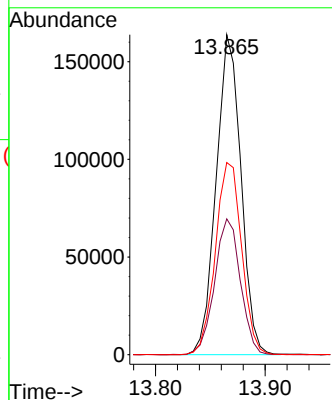
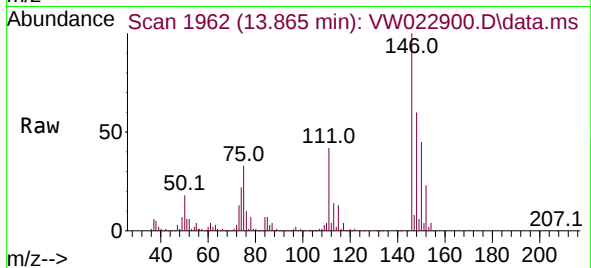
Tgt Ion:146 Resp: 257928

Ion Ratio Lower Upper

146 100

111 42.5 35.7 53.5

148 60.1 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 24.381 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

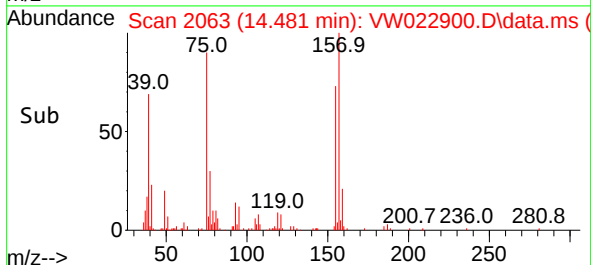
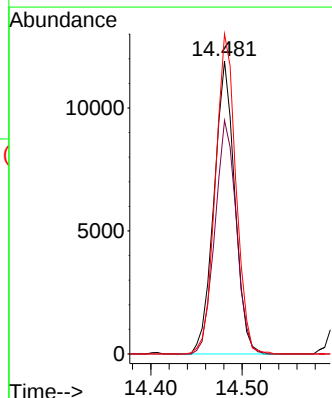
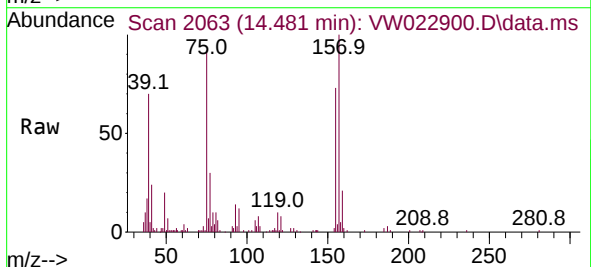
Tgt Ion: 75 Resp: 18745

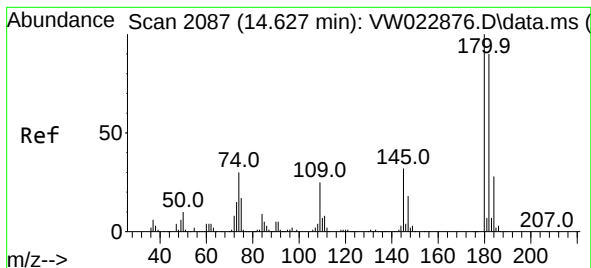
Ion Ratio Lower Upper

75 100

155 79.8 59.3 88.9

157 109.2 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 24.728 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 176755

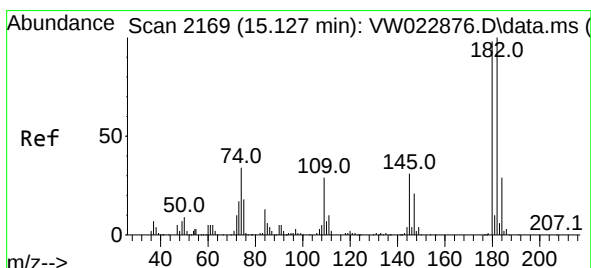
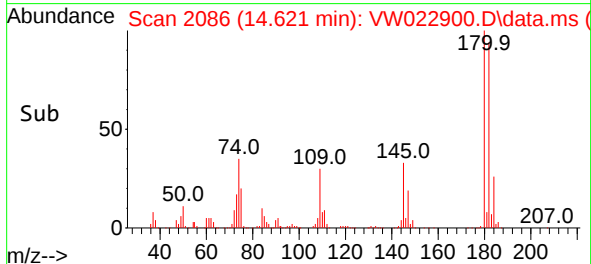
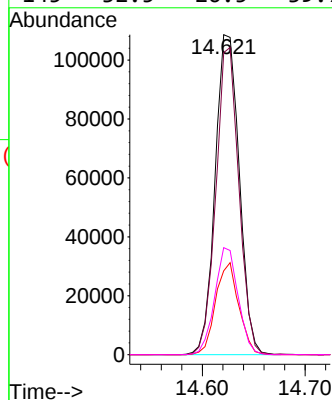
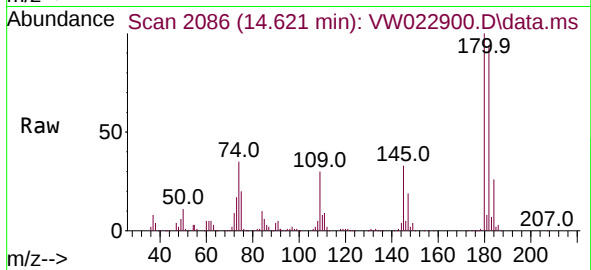
Ion Ratio Lower Upper

180 100

182 91.5 74.8 112.2

184 27.7 23.4 35.2

145 32.5 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 25.024 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

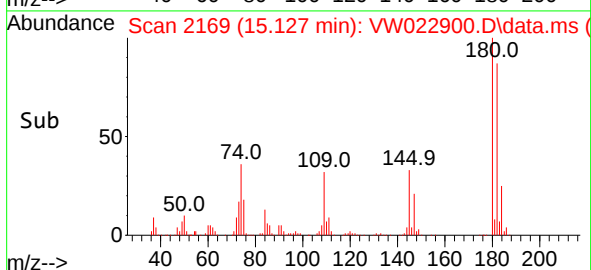
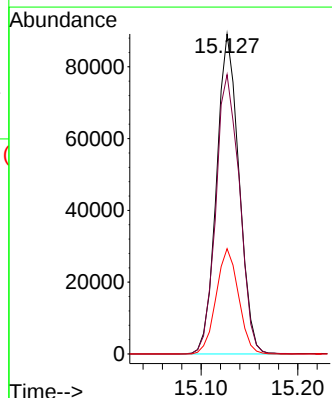
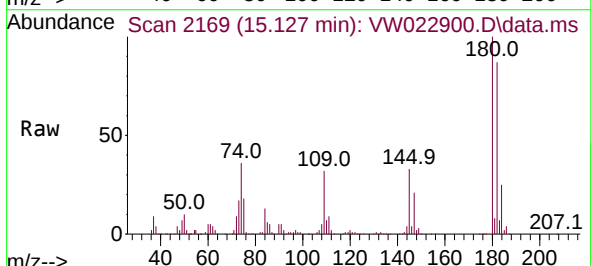
Tgt Ion:180 Resp: 143891

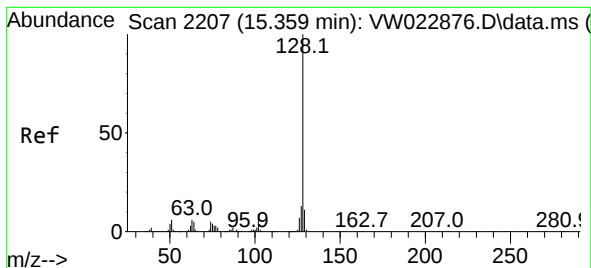
Ion Ratio Lower Upper

180 100

182 91.7 74.9 112.3

145 32.7 26.6 39.8





#71

Naphthalene

Concen: 27.249 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Instrument :

MSVOA_W

ClientSampleId :

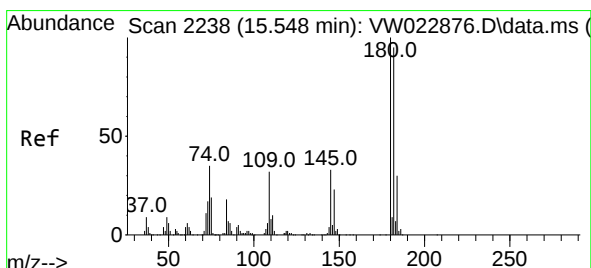
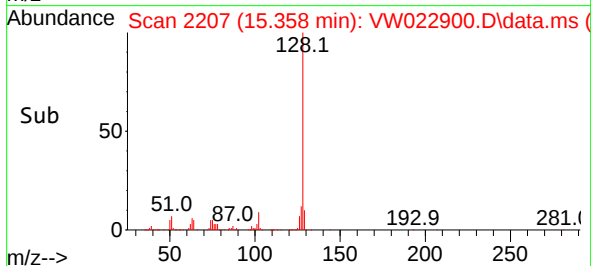
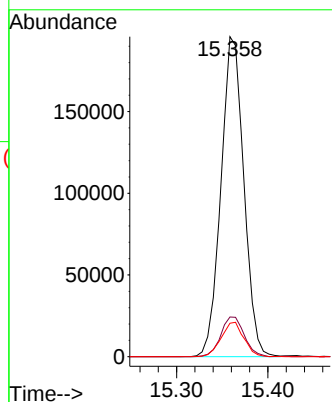
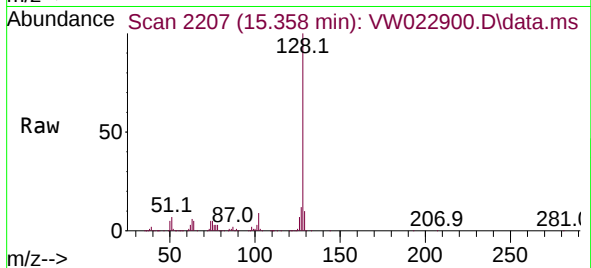
Tgt Ion:128 Resp: 340544

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.898 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022900.D

Acq: 06 May 2022 19:19

Tgt Ion:180 Resp: 131984

Ion Ratio Lower Upper

180 100

182 93.4 73.5 110.3

145 34.2 27.9 41.9

