

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
 Data File : VW022903.D
 Acq On : 06 May 2022 21:20
 Operator : SY/VA
 Sample : N2714-03MS
 Misc : 4.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 03:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 07 01:54:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	299965	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	264272	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	100866	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129987	21.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.480%
7) Chloroethane-d5	2.885	69	109650	27.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.560%
11) 1,1-Dichloroethene-d2	4.019	63	166517	20.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.760%
21) 2-Butanone-d5	7.080	46	47479	40.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.160%
24) Chloroform-d	7.647	84	224312	25.524	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.080%
26) 1,2-Dichloroethane-d4	8.305	65	114149	23.682	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.720%
32) Benzene-d6	8.275	84	407637	26.761	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.040%
36) 1,2-Dichloropropane-d6	9.274	67	119200	27.858	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.440%
41) Toluene-d8	10.323	98	376846	25.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.440%
43) trans-1,3-Dichloroprop...	10.573	79	39946	20.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.120%
47) 2-Hexanone-d5	10.927	63	37317	45.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.380%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	91653	22.981	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	85324	24.199	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	36028	22.033	ug/L	97
3) Chloromethane	2.215	50	61601	19.495	ug/L	98
5) Vinyl chloride	2.361	62	131311	20.706	ug/L	95
6) Bromomethane	2.776	94	66863	16.422	ug/L	93
8) Chloroethane	2.922	64	75568	24.706	ug/L	98
9) Trichlorofluoromethane	3.257	101	60177	20.762	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	87310	20.146	ug/L	98
12) 1,1-Dichloroethene	4.037	96	74345	19.351	ug/L	88
13) Acetone	4.123	43	61011	69.643	ug/L	98
14) Carbon disulfide	4.385	76	160606	15.248	ug/L	97
15) Methyl Acetate	4.672	43	28716	16.316	ug/L	95
16) Methylene chloride	4.915	84	91846	20.925	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	84599	19.568	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	140044	21.219	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	159673	21.791	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	97728	21.045	ug/L #	100
22) 2-Butanone	7.165	43	53875	43.974	ug/L	97
23) Bromochloromethane	7.512	128	45030	20.706	ug/L	97
25) Chloroform	7.677	83	183696	22.672	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
 Data File : VW022903.D
 Acq On : 06 May 2022 21:20
 Operator : SY/VA
 Sample : N2714-03MS
 Misc : 4.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 03:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 07 01:54:32 2022
 Response via : Initial Calibration

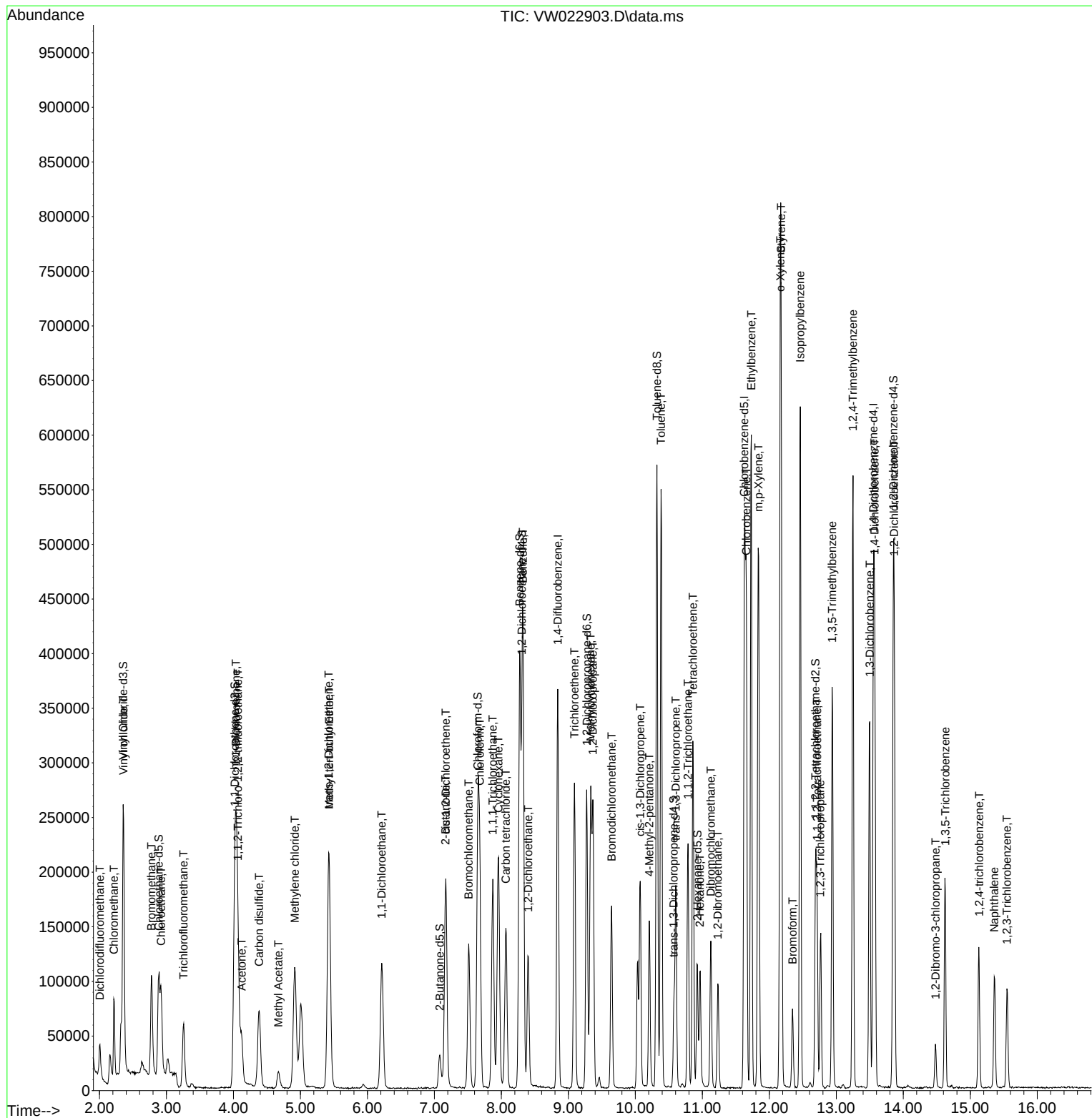
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	108230	20.039	ug/L	99
29) Cyclohexane	7.958	56	113129	19.794	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	146122	23.397	ug/L	97
31) Carbon tetrachloride	8.067	117	108141	18.511	ug/L	100
33) Benzene	8.323	78	364326	23.402	ug/L	100
34) Trichloroethene	9.091	95	94814	22.145	ug/L	95
35) Methylcyclohexane	9.335	83	112507	15.996	ug/L	99
37) 1,2-Dichloropropane	9.366	63	90696	24.073	ug/L	99
38) Bromodichloromethane	9.646	83	106197	19.845	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	110481	18.912	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	93753	39.481	ug/L	99
42) Toluene	10.384	91	399858	22.918	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	96758	18.557	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	68204	21.656	ug/L	95
46) Tetrachloroethene	10.859	164	64328	19.993	ug/L	92
48) 2-Hexanone	10.963	43	68305	43.050	ug/L	95
49) Dibromochloromethane	11.128	129	64433	16.998	ug/L	96
50) 1,2-Dibromoethane	11.231	107	60523	19.138	ug/L	98
51) Chlorobenzene	11.658	112	233030	20.259	ug/L	99
52) Ethylbenzene	11.731	91	418966	21.584	ug/L	99
53) m,p-Xylene	11.841	106	160971	21.047	ug/L	96
54) o-Xylene	12.164	106	155964	21.250	ug/L	97
55) Styrene	12.176	104	233125	18.693	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	74736	18.998	ug/L	93
59) Bromoform	12.347	173	28998	20.286	ug/L	98
60) Isopropylbenzene	12.463	105	399951	28.944	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	55532	27.554	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	190307	24.755	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	294188	25.486	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	135452	21.955	ug/L	91
65) 1,4-Dichlorobenzene	13.572	146	131533	20.641	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	119922	21.242	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	9785	22.215	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	51310	12.529	ug/L	93
70) 1,2,4-trichlorobenzene	15.133	180	35628	10.815	ug/L	98
71) Naphthalene	15.359	128	88392	12.345	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	26477	9.068	ug/L	96

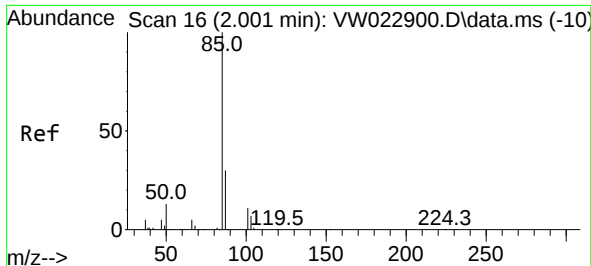
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
Data File : VW022903.D
Acq On : 06 May 2022 21:20
Operator : SY/VA
Sample : N2714-03MS
Misc : 4.14g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: May 07 03:05:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 07 01:54:32 2022
Response via : Initial Calibration

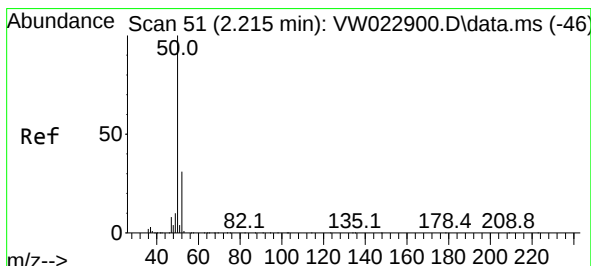
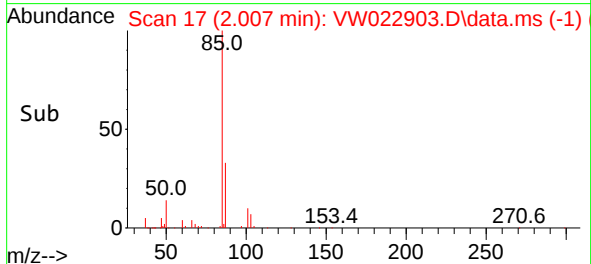
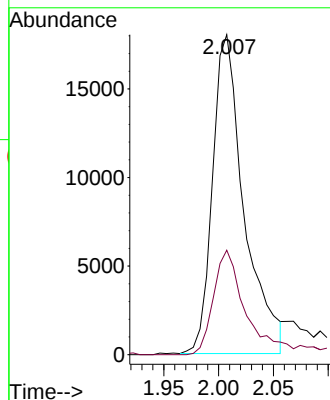
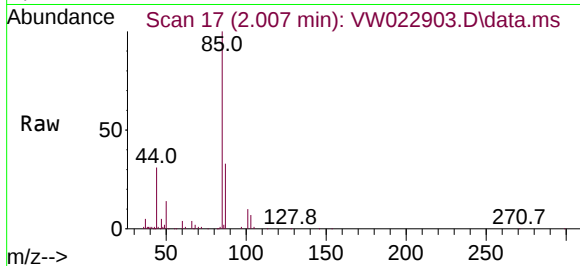




#2
Dichlorodifluoromethane
Concen: 22.033 ug/L
RT: 2.007 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

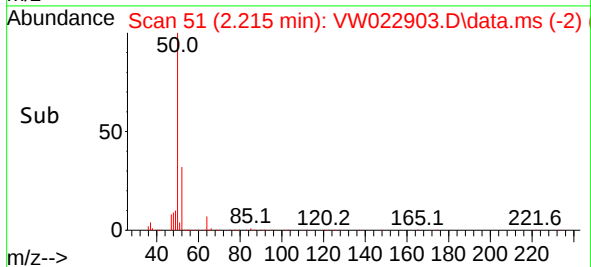
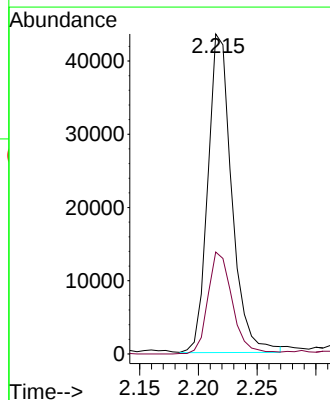
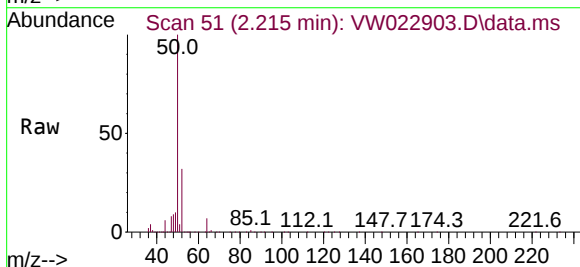
Instrument :
MSVOA_W
ClientSampleId :

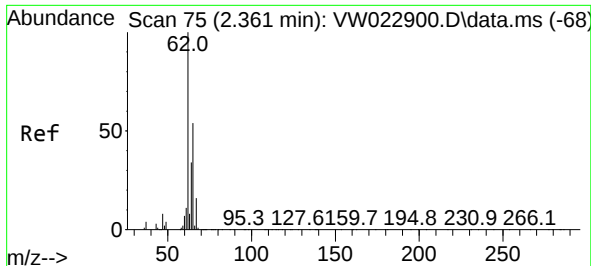
Tgt Ion: 85 Resp: 36028
Ion Ratio Lower Upper
85 100
87 33.1 27.8 41.8



#3
Chloromethane
Concen: 19.495 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Tgt Ion: 50 Resp: 61601
Ion Ratio Lower Upper
50 100
52 31.8 23.1 42.9

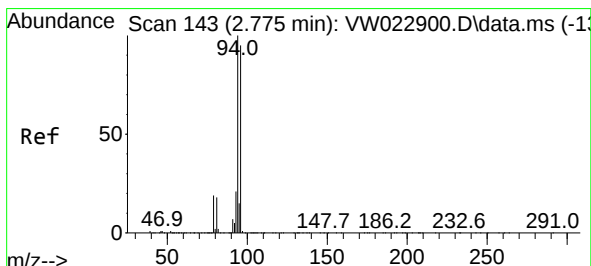
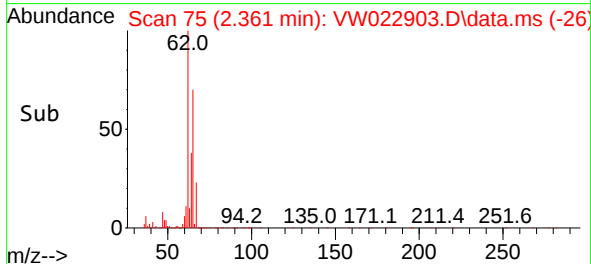
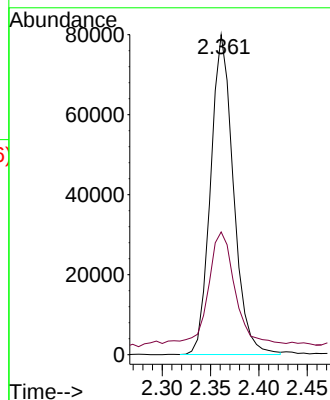
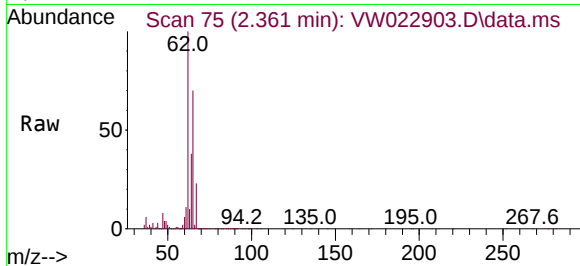




#5
 Vinyl chloride
 Concen: 20.706 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022903.D
 Acq: 06 May 2022 21:20

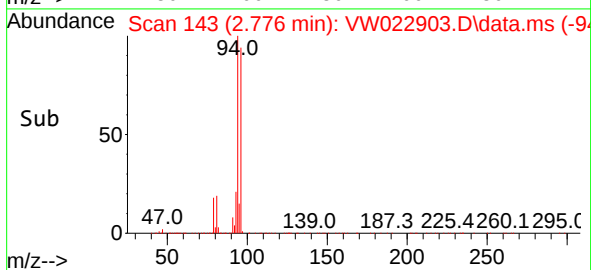
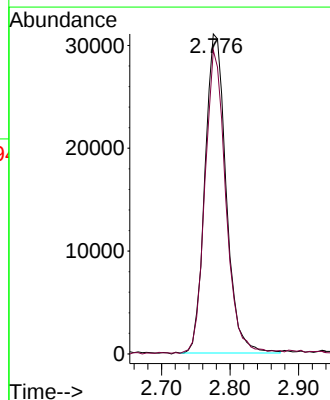
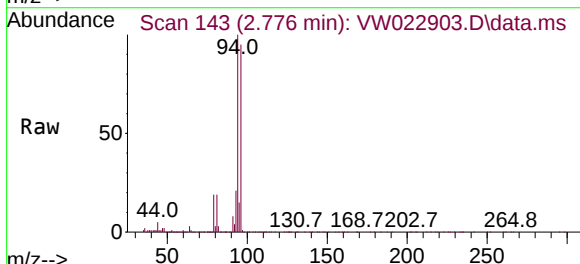
Instrument :
 MSVOA_W
 ClientSampleId :

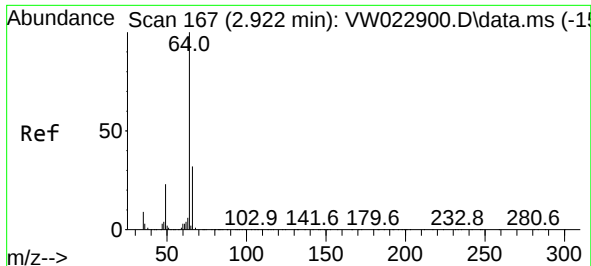
Tgt Ion: 62 Resp: 131311
 Ion Ratio Lower Upper
 62 100
 64 38.4 24.9 46.3



#6
 Bromomethane
 Concen: 16.422 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022903.D
 Acq: 06 May 2022 21:20

Tgt Ion: 94 Resp: 66863
 Ion Ratio Lower Upper
 94 100
 96 94.9 61.7 114.5

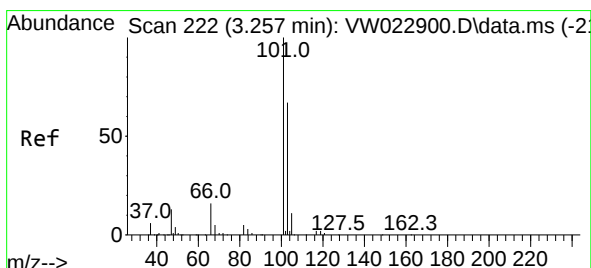
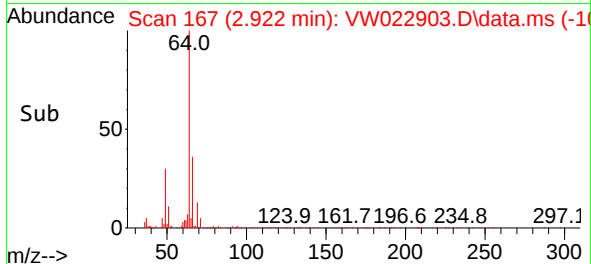
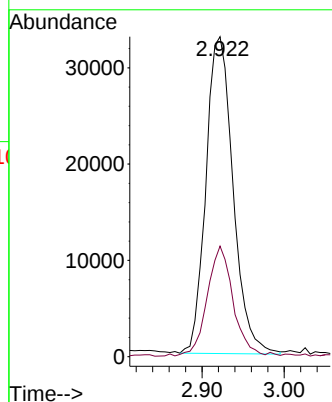
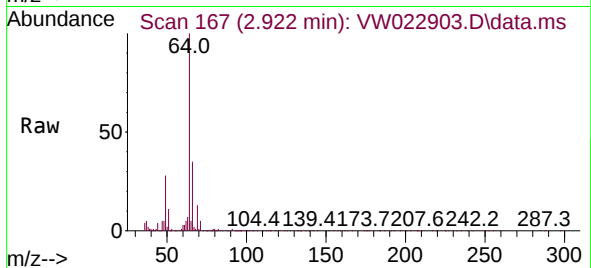




#8
Chloroethane
Concen: 24.706 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

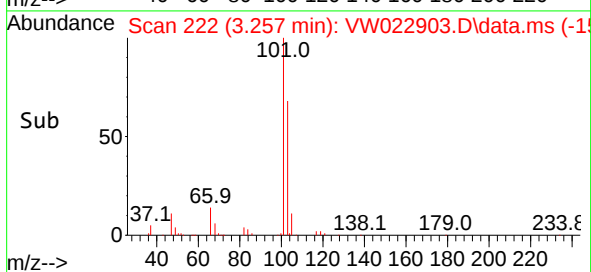
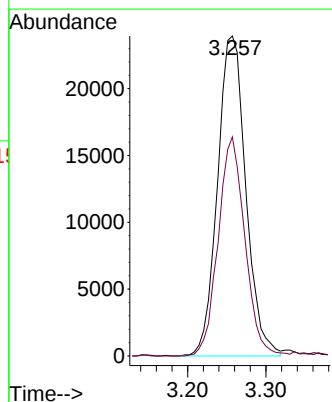
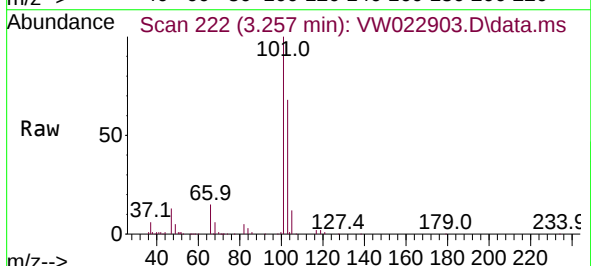
Instrument :
MSVOA_W
ClientSampleId :

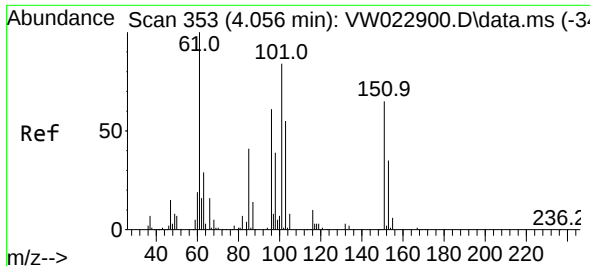
Tgt Ion: 64 Resp: 75568
Ion Ratio Lower Upper
64 100
66 34.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 20.762 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Tgt Ion: 101 Resp: 60177
Ion Ratio Lower Upper
101 100
103 64.5 53.9 80.9

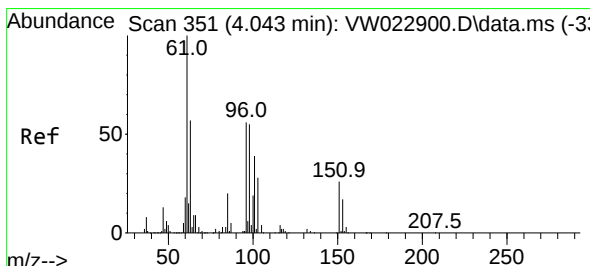
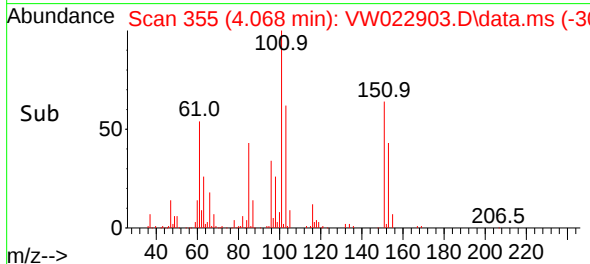
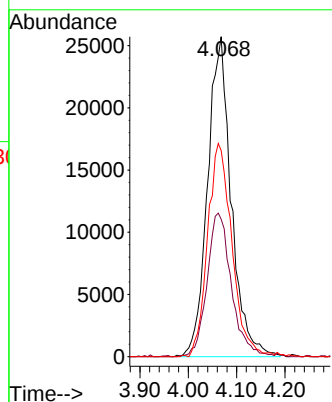
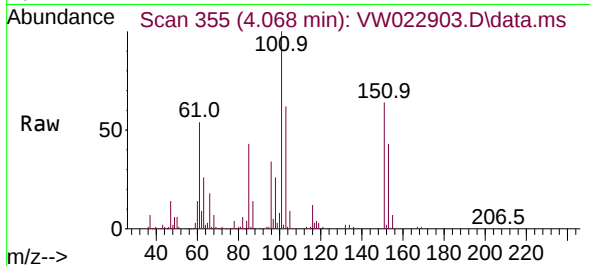




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.146 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: VW022903.D
 Acq: 06 May 2022 21:20

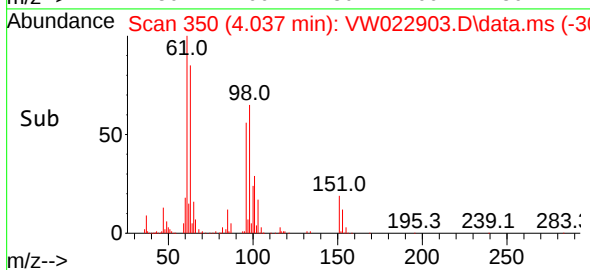
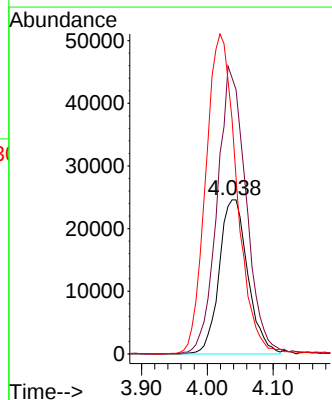
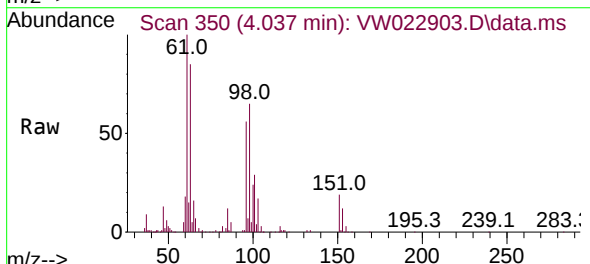
Instrument :
 MSVOA_W
 ClientSampleId :

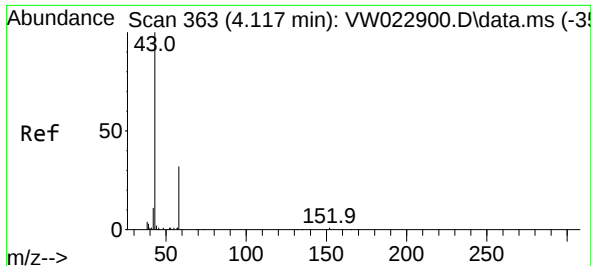
Tgt Ion:101 Resp: 87310
 Ion Ratio Lower Upper
 101 100
 85 46.2 34.3 51.5
 151 68.1 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 19.351 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022903.D
 Acq: 06 May 2022 21:20

Tgt Ion: 96 Resp: 74345
 Ion Ratio Lower Upper
 96 100
 61 179.1 125.7 233.5
 63 152.2 83.4 155.0





#13

Acetone

Concen: 69.643 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

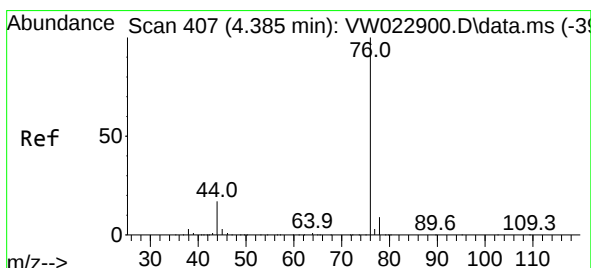
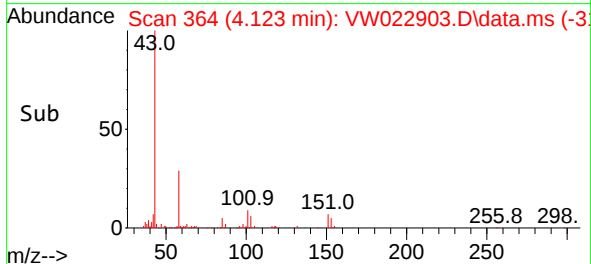
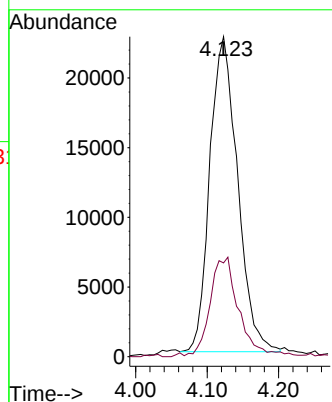
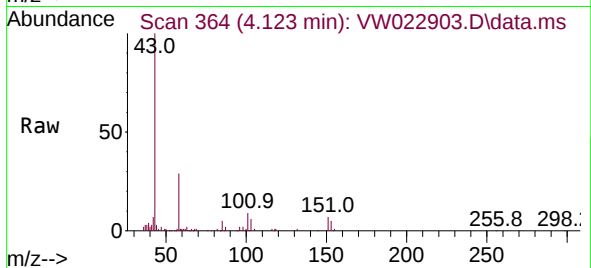
ClientSampleId :

Tgt Ion: 43 Resp: 61011

Ion Ratio Lower Upper

43 100

58 30.9 0.0 64.0



#14

Carbon disulfide

Concen: 15.248 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW022903.D

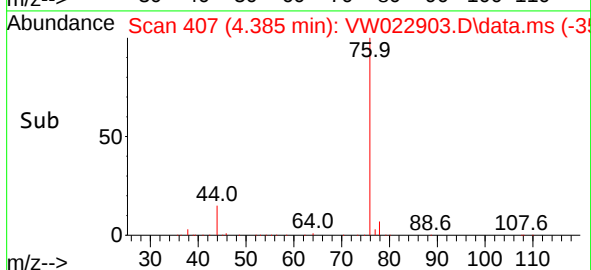
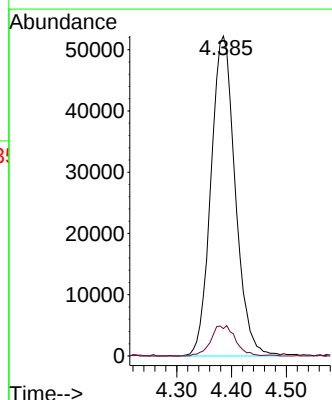
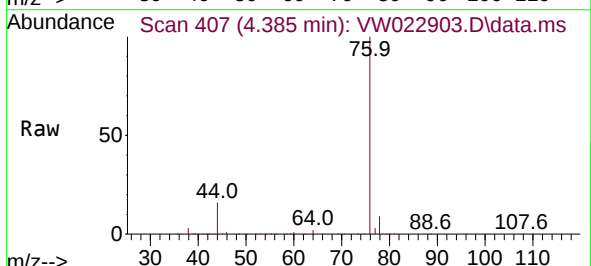
Acq: 06 May 2022 21:20

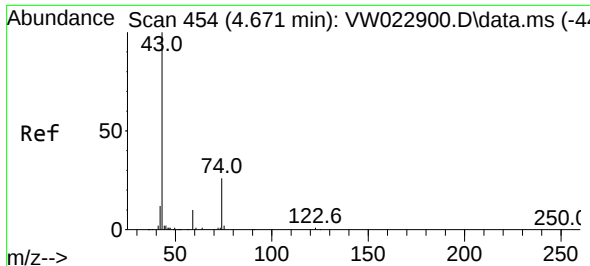
Tgt Ion: 76 Resp: 160606

Ion Ratio Lower Upper

76 100

78 8.6 7.7 11.5

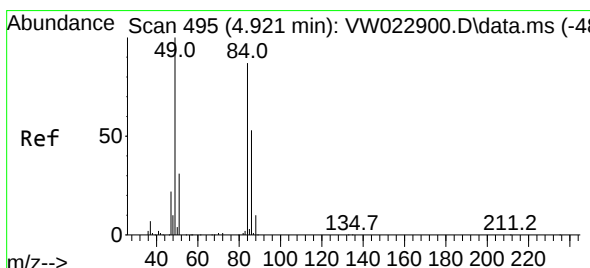
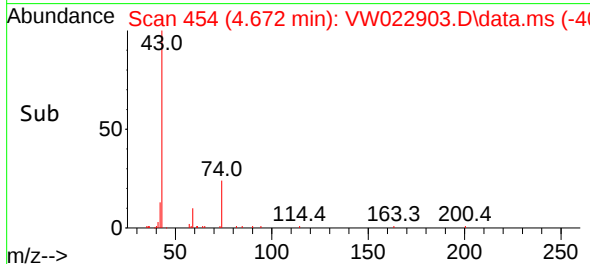
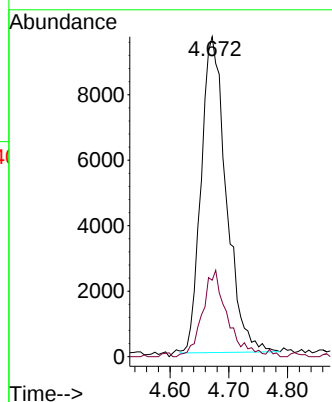
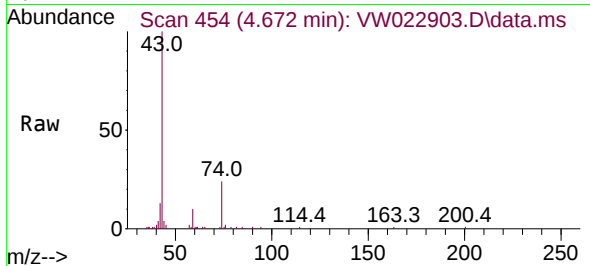




#15
Methyl Acetate
Concen: 16.316 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

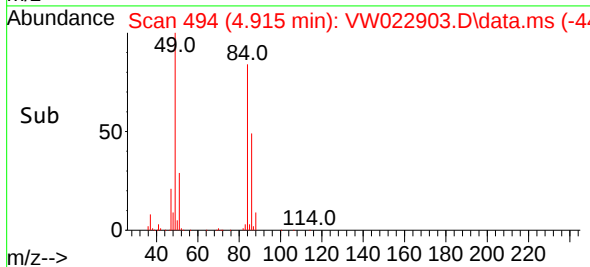
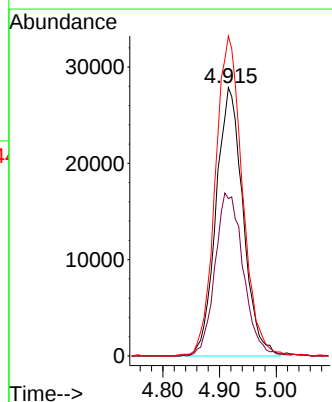
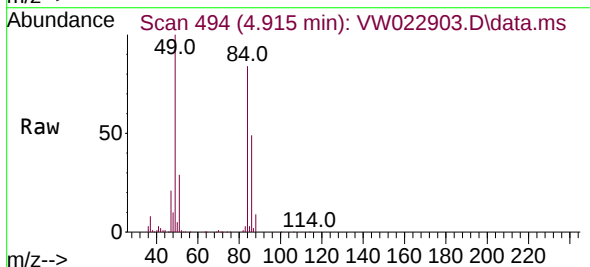
Instrument :
MSVOA_W
ClientSampleId :

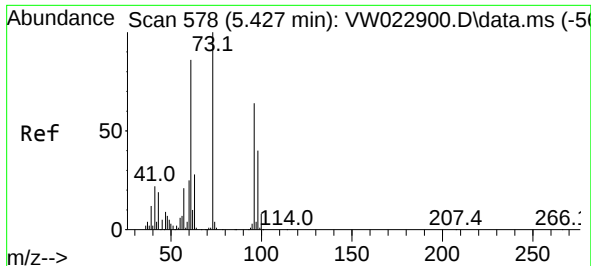
Tgt Ion: 43 Resp: 28716
Ion Ratio Lower Upper
43 100
74 25.0 21.9 32.9



#16
Methylene chloride
Concen: 20.925 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Tgt Ion: 84 Resp: 91846
Ion Ratio Lower Upper
84 100
86 58.7 45.4 84.4
49 119.2 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 19.568 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

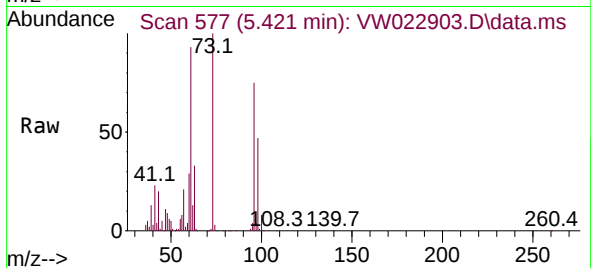
Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

ClientSampleId :



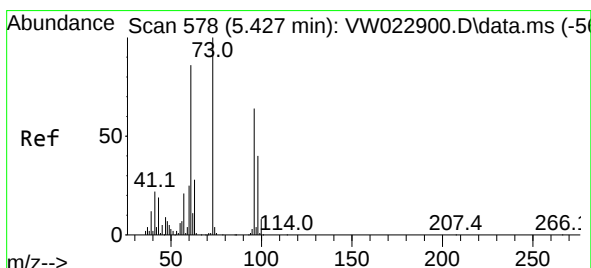
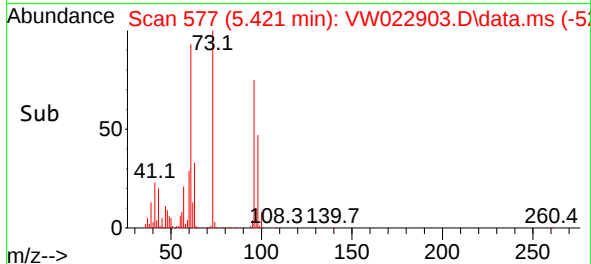
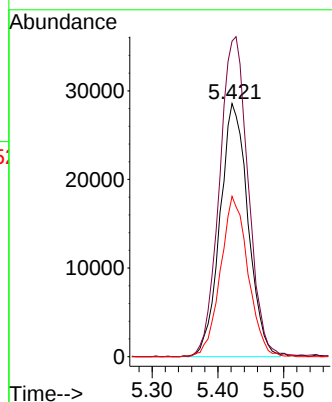
Tgt Ion: 96 Resp: 84599

Ion Ratio Lower Upper

96 100

61 124.7 92.2 171.2

98 63.3 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 21.219 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

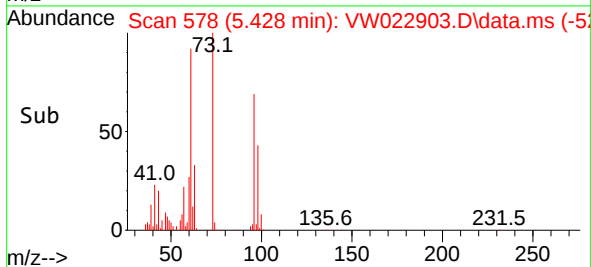
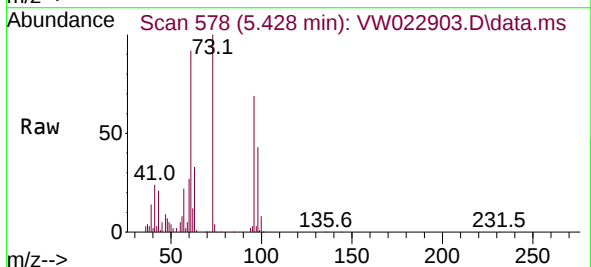
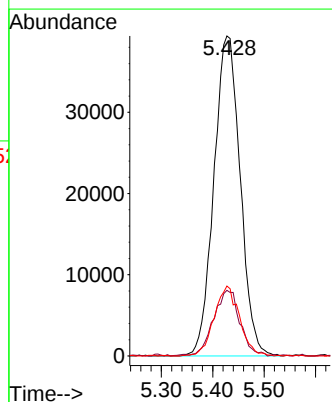
Tgt Ion: 73 Resp: 140044

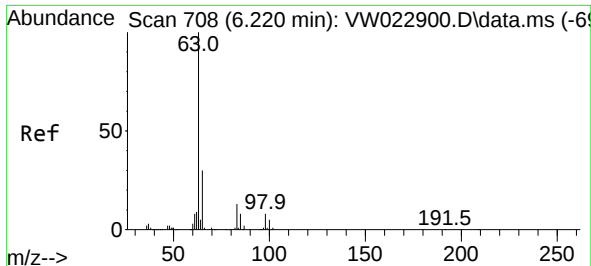
Ion Ratio Lower Upper

73 100

43 13.1 15.9 23.9

57 20.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 21.791 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

ClientSampleId :

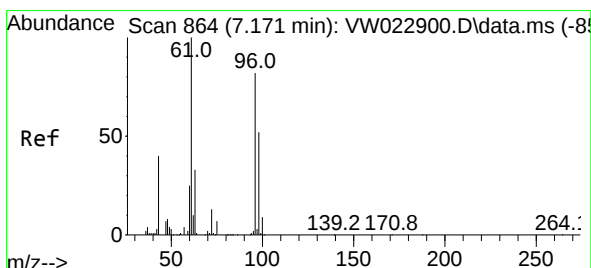
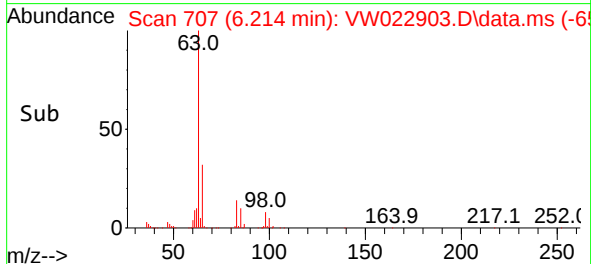
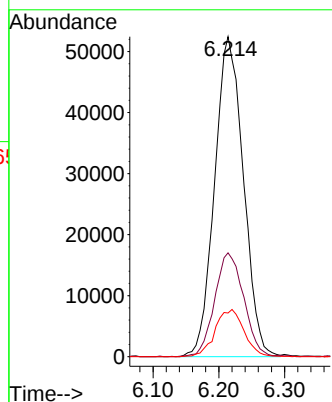
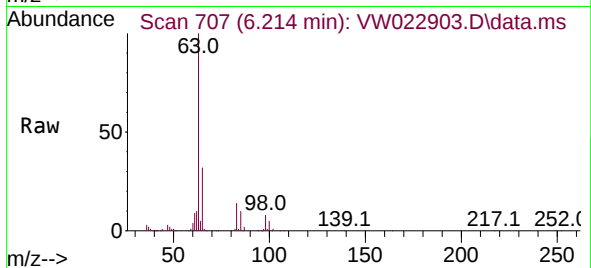
Tgt Ion: 63 Resp: 159673

Ion Ratio Lower Upper

63 100

65 32.5 23.3 43.3

83 13.7 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 21.045 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

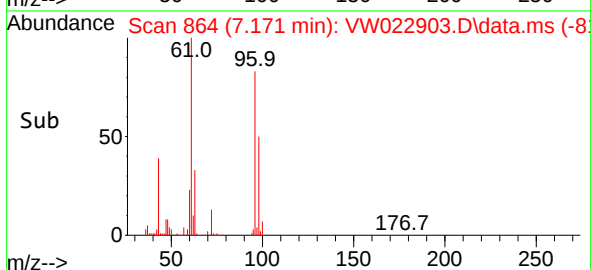
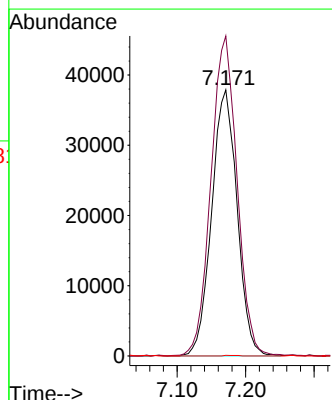
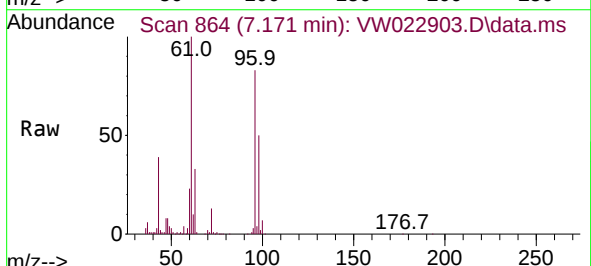
Tgt Ion: 96 Resp: 97728

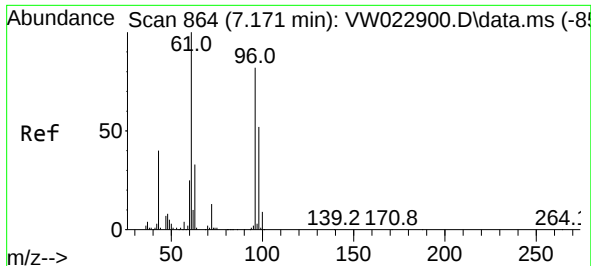
Ion Ratio Lower Upper

96 100

61 120.2 84.2 156.4

68 0.3 0.1 0.1#

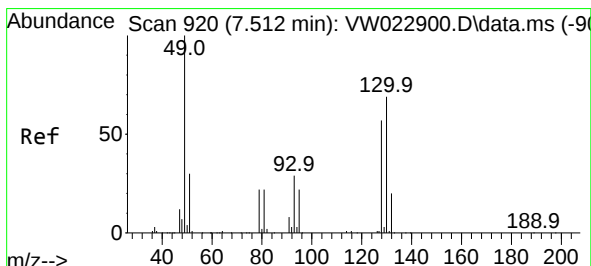
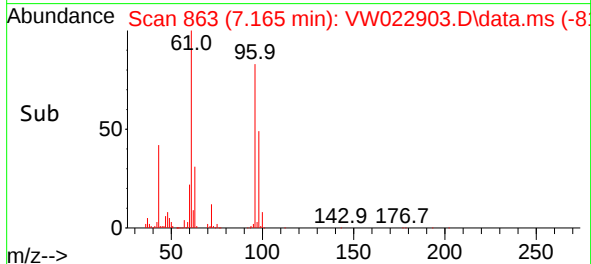
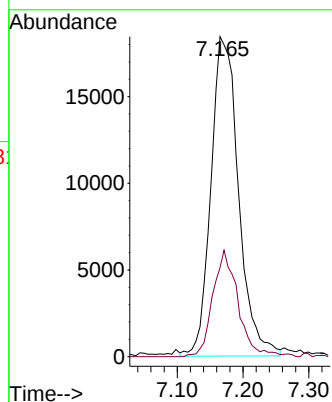
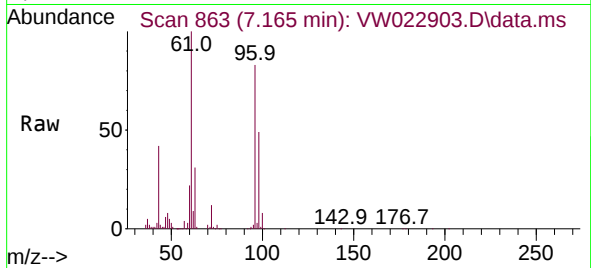




#22
2-Butanone
Concen: 43.974 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

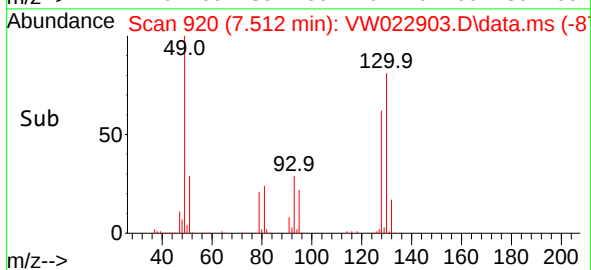
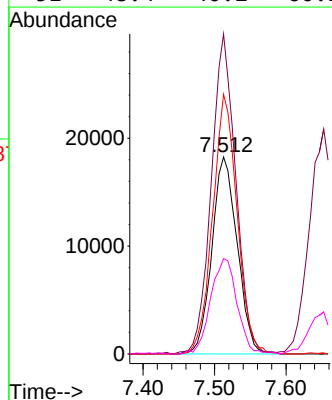
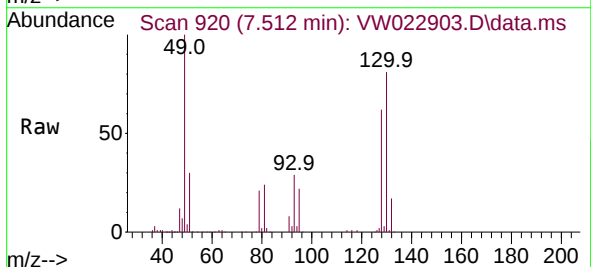
Instrument :
MSVOA_W
ClientSampleId :

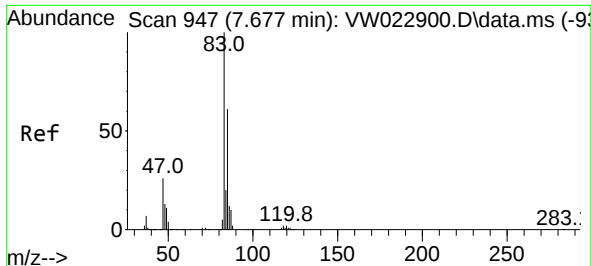
Tgt Ion: 43 Resp: 53875
Ion Ratio Lower Upper
43 100
72 28.5 15.1 45.3



#23
Bromochloromethane
Concen: 20.706 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Tgt Ion: 128 Resp: 45030
Ion Ratio Lower Upper
128 100
49 162.4 110.0 204.4
130 131.8 94.8 176.0
51 48.4 40.2 60.2

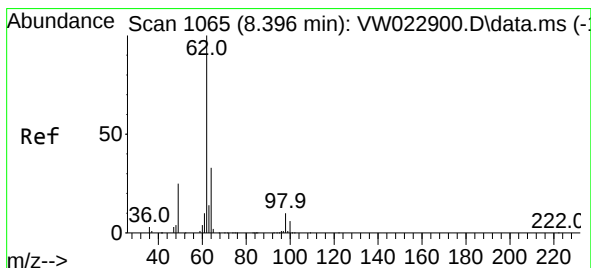
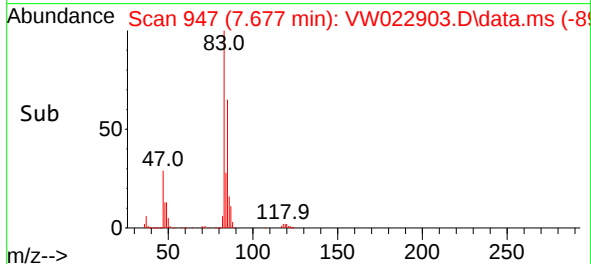
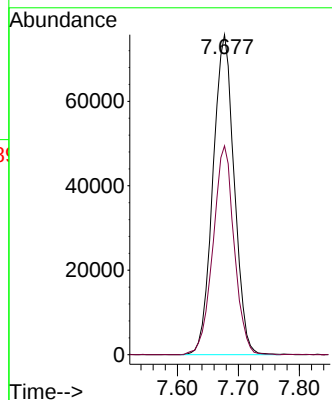
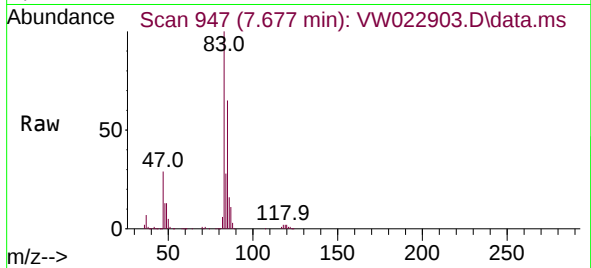




#25
Chloroform
Concen: 22.672 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

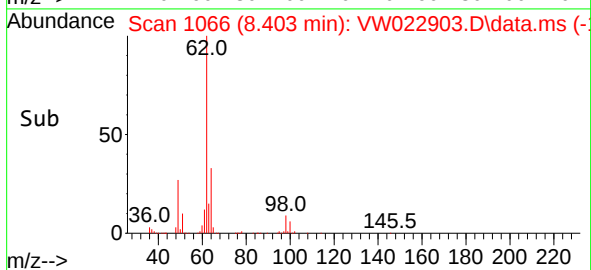
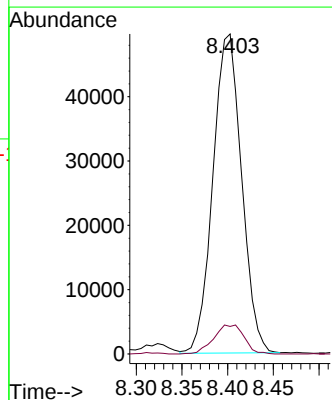
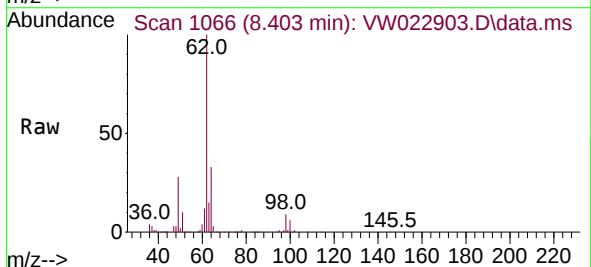
Instrument :
MSVOA_W
ClientSampleId :

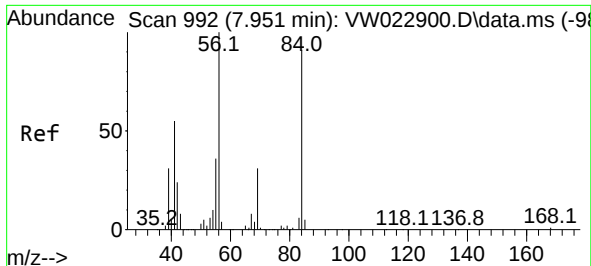
Tgt Ion: 83 Resp: 183696
Ion Ratio Lower Upper
83 100
85 65.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 20.039 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

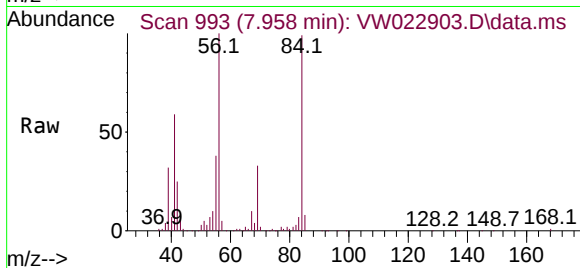
Tgt Ion: 62 Resp: 108230
Ion Ratio Lower Upper
62 100
98 8.6 7.2 10.8



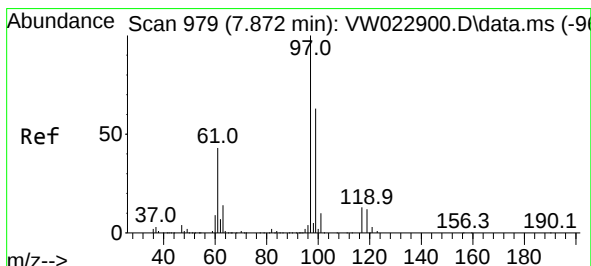
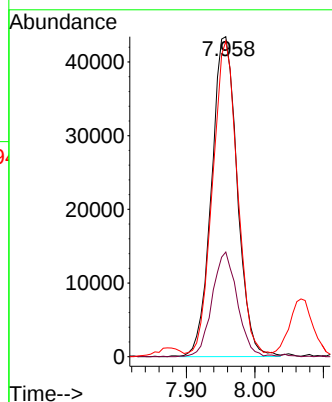
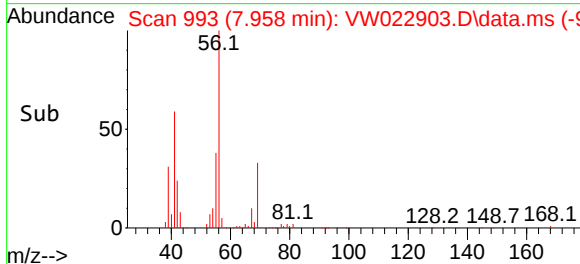


#29
Cyclohexane
Concen: 19.794 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Instrument :
MSVOA_W
ClientSampleId :

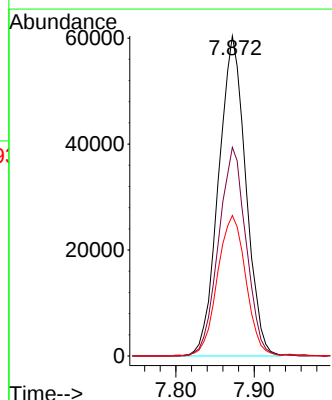
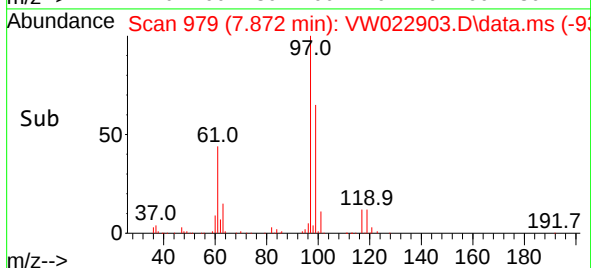
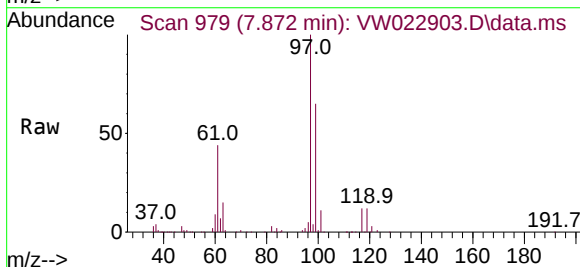


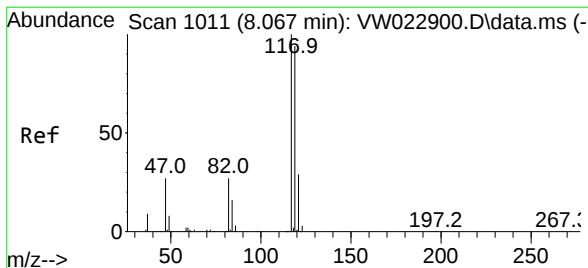
Tgt Ion: 56 Resp: 113129
Ion Ratio Lower Upper
56 100
69 31.8 25.6 38.4
84 96.0 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 23.397 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Tgt Ion: 97 Resp: 146122
Ion Ratio Lower Upper
97 100
99 65.7 51.0 76.4
61 45.6 34.8 52.2

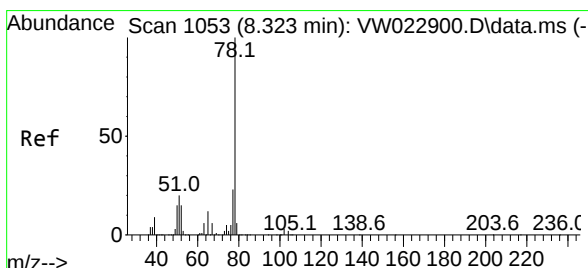
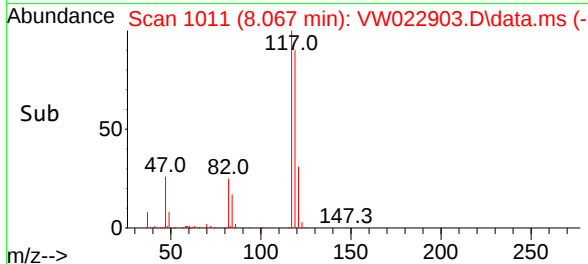
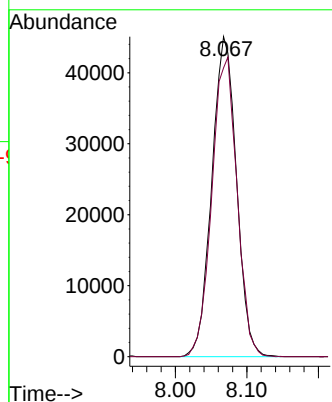
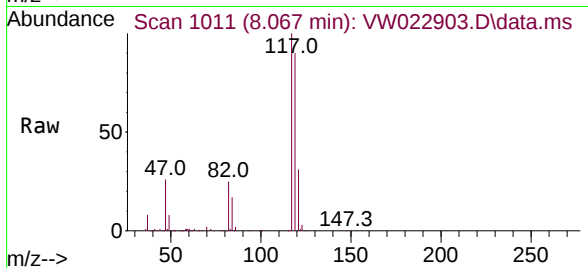




#31
Carbon tetrachloride
Concen: 18.511 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

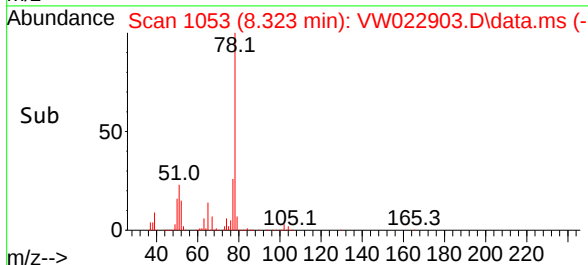
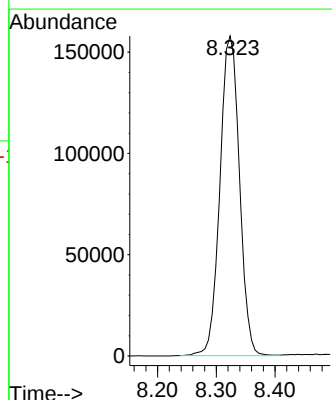
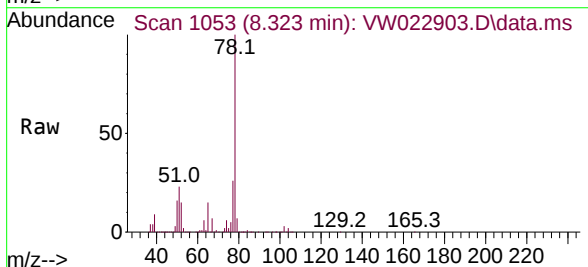
Instrument :
MSVOA_W
ClientSampleId :

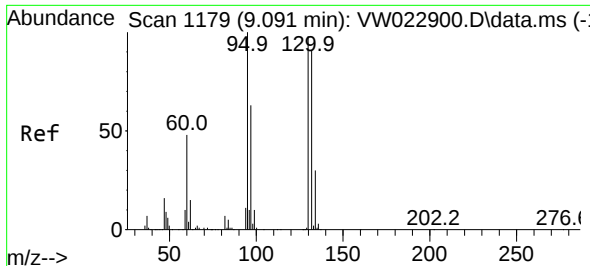
Tgt Ion:117 Resp: 108141
Ion Ratio Lower Upper
117 100
119 95.3 76.6 115.0



#33
Benzene
Concen: 23.402 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Tgt Ion: 78 Resp: 364326





#34

Trichloroethene

Concen: 22.145 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

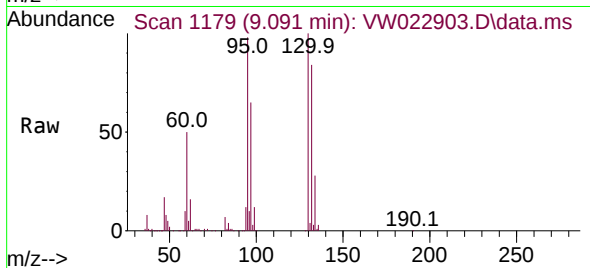
Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 94814

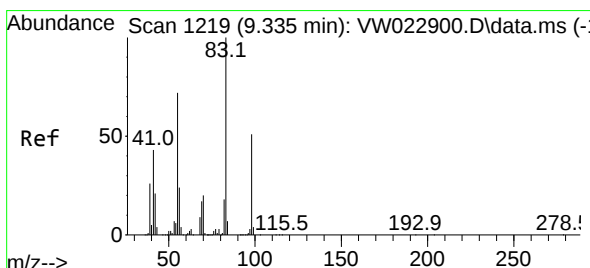
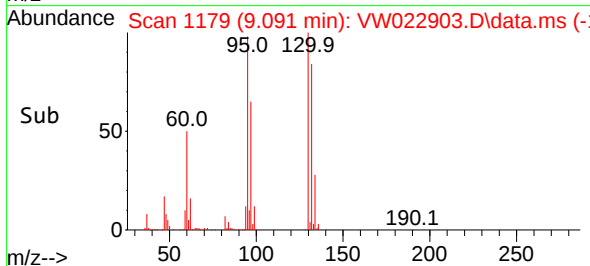
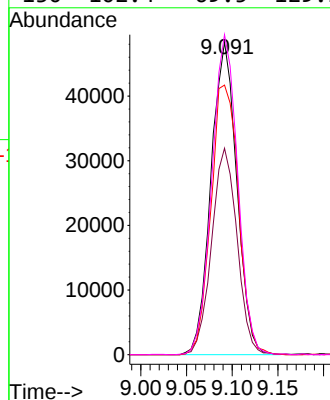
Ion Ratio Lower Upper

95 100

97 66.0 46.1 85.7

132 86.3 66.9 124.3

130 102.4 69.5 129.1



#35

Methylcyclohexane

Concen: 15.996 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

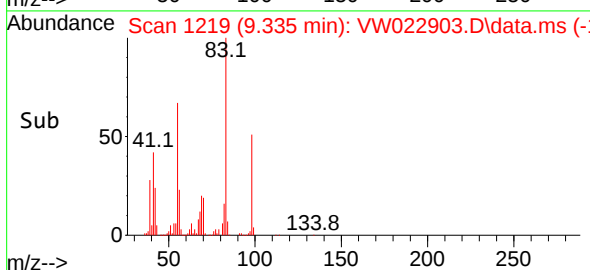
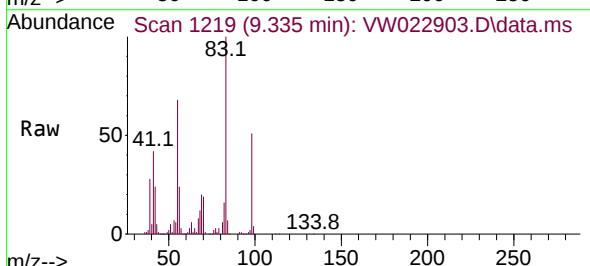
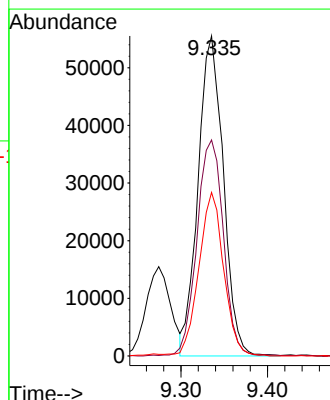
Tgt Ion: 83 Resp: 112507

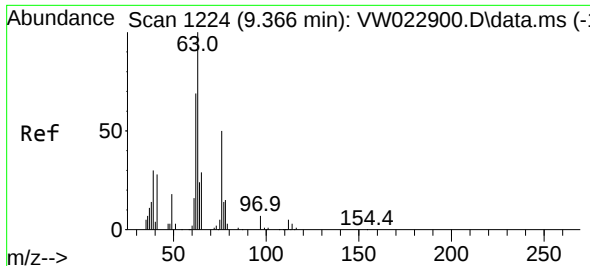
Ion Ratio Lower Upper

83 100

55 70.5 55.1 82.7

98 50.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.073 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

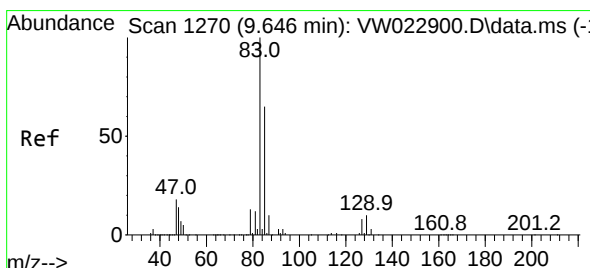
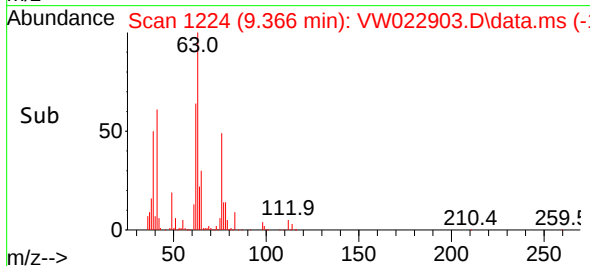
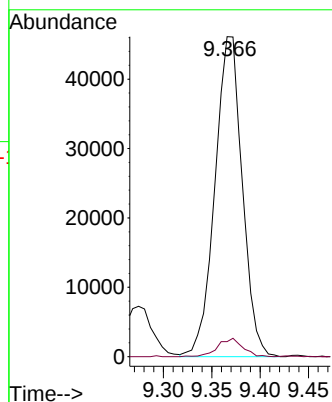
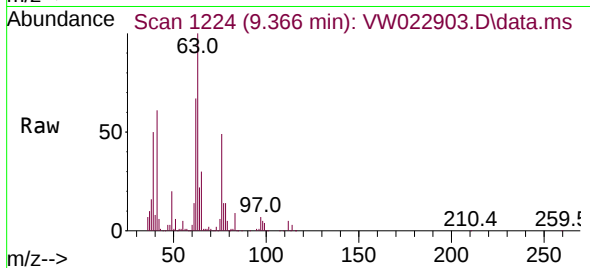
ClientSampleId :

Tgt Ion: 63 Resp: 90696

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 19.845 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

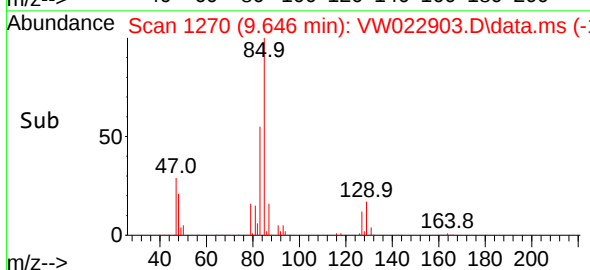
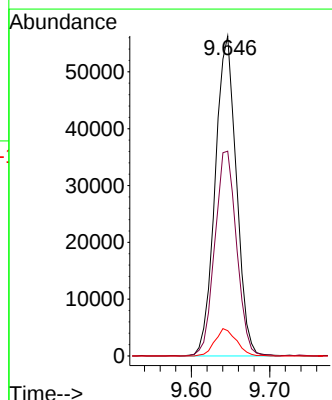
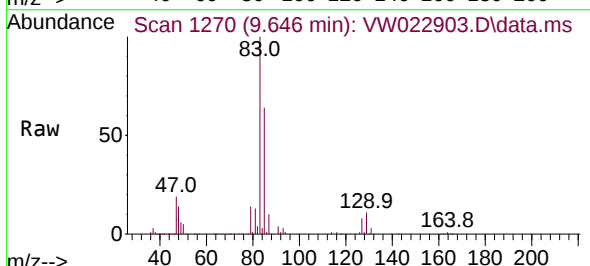
Tgt Ion: 83 Resp: 106197

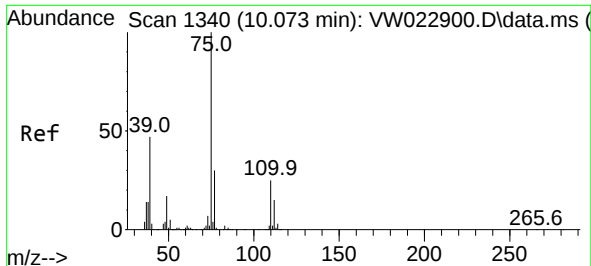
Ion Ratio Lower Upper

83 100

85 64.0 43.5 80.7

127 7.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 18.912 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

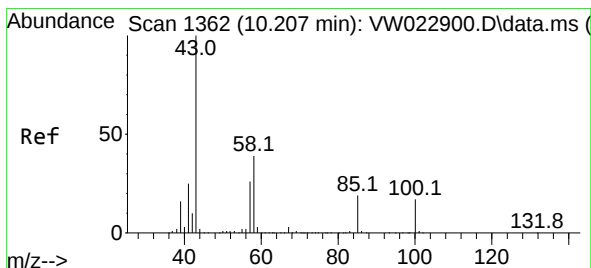
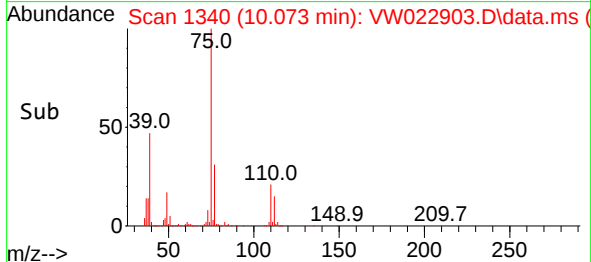
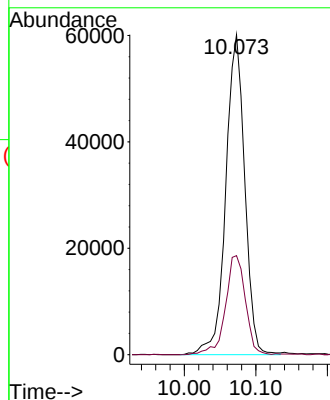
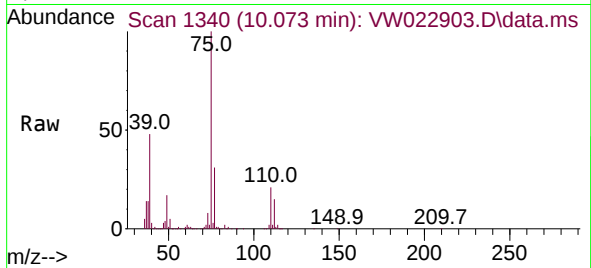
ClientSampleId :

Tgt Ion: 75 Resp: 110481

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 39.481 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

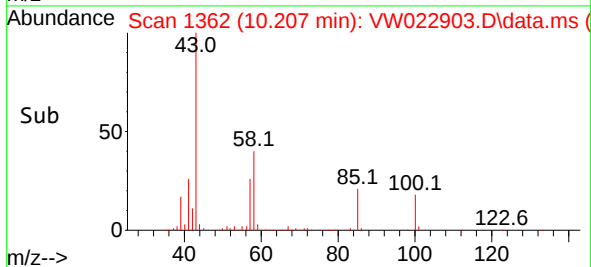
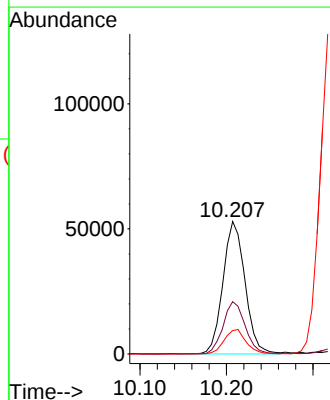
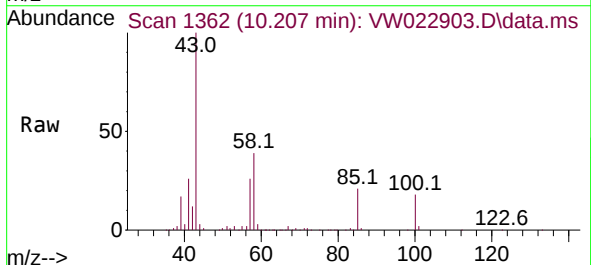
Tgt Ion: 43 Resp: 93753

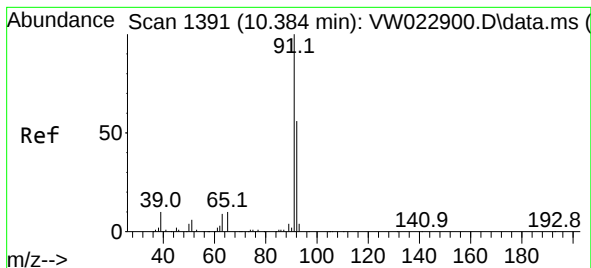
Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2

100 18.3 14.2 21.4





#42

Toluene

Concen: 22.918 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

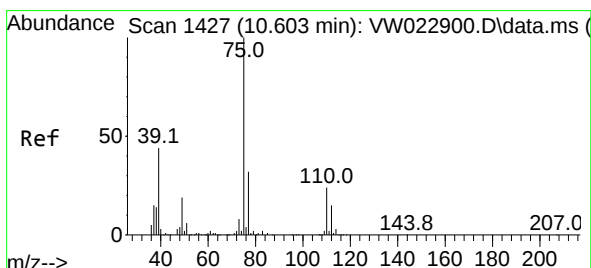
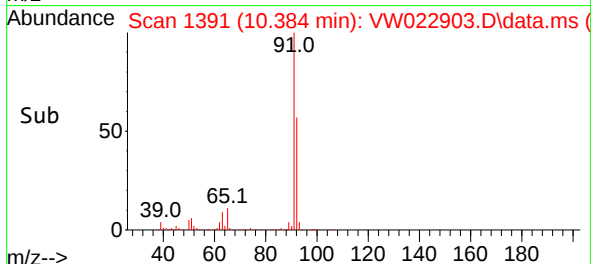
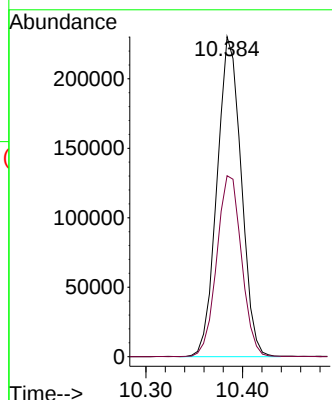
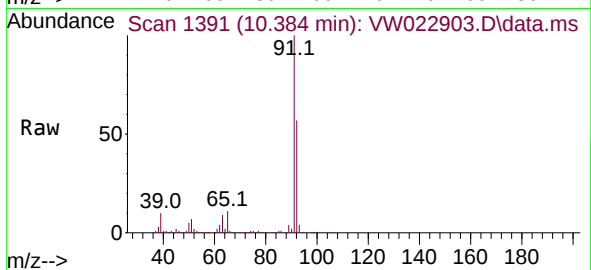
ClientSampleId :

Tgt Ion: 91 Resp: 399858

Ion Ratio Lower Upper

91 100

92 56.6 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 18.557 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022903.D

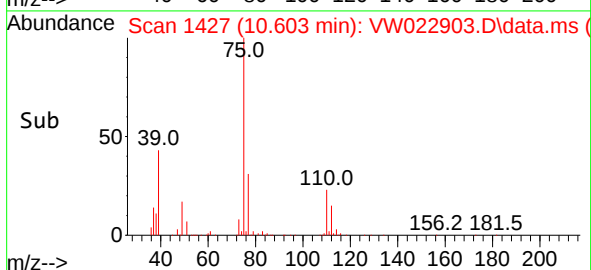
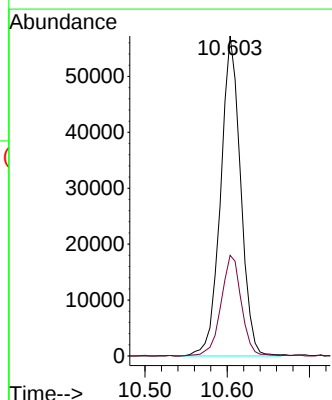
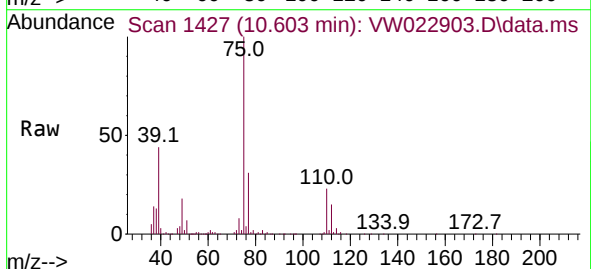
Acq: 06 May 2022 21:20

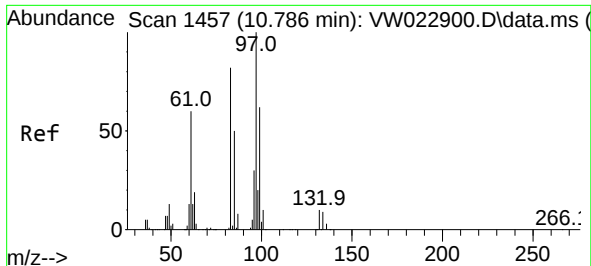
Tgt Ion: 75 Resp: 96758

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 21.656 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

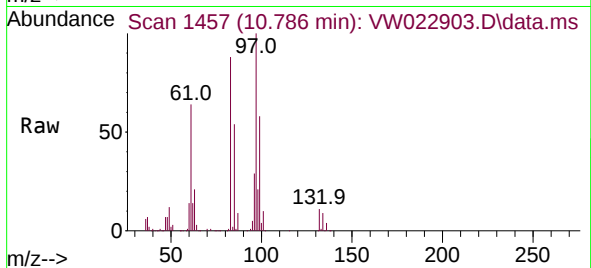
Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 68204

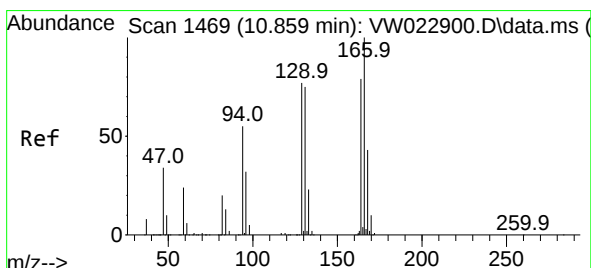
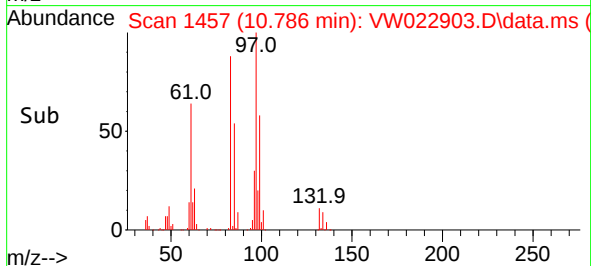
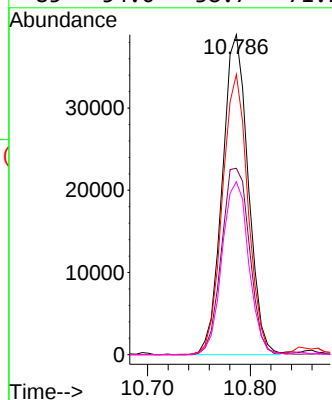
Ion Ratio Lower Upper

97 100

99 58.3 44.7 82.9

83 87.6 58.4 108.4

85 54.0 38.7 71.9



#46

Tetrachloroethene

Concen: 19.993 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Tgt Ion:164 Resp: 64328

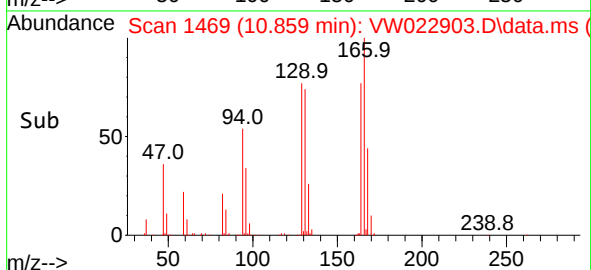
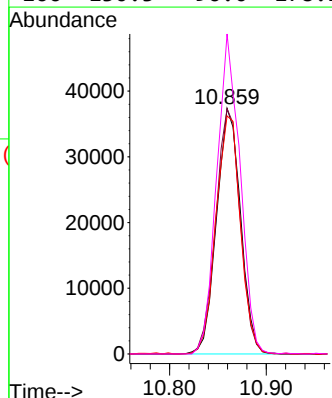
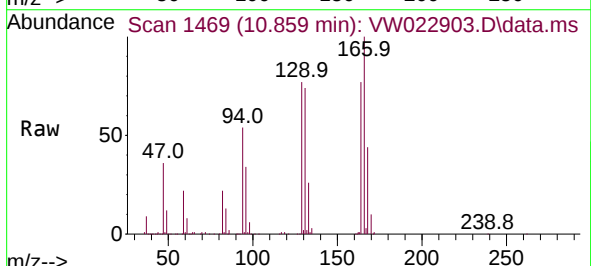
Ion Ratio Lower Upper

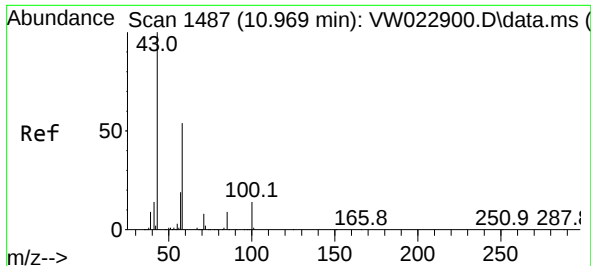
164 100

129 99.9 76.9 142.7

131 97.0 75.1 139.5

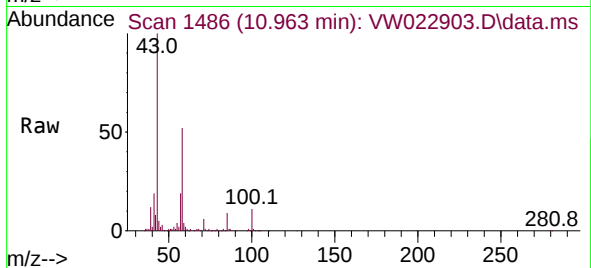
166 130.3 96.0 178.2



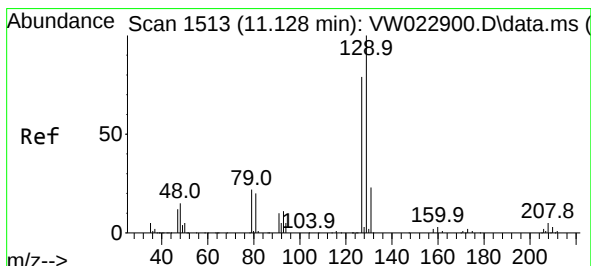
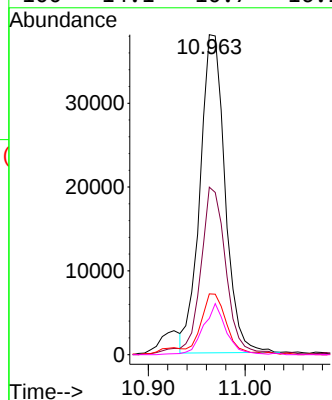
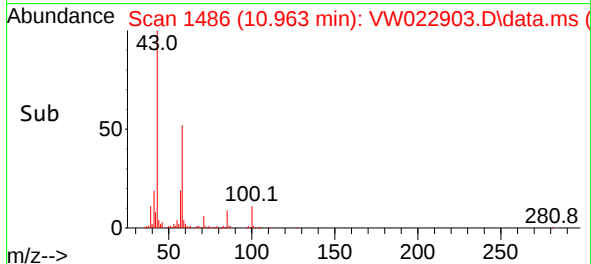


#48
2-Hexanone
Concen: 43.050 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Instrument :
MSVOA_W
ClientSampleId :

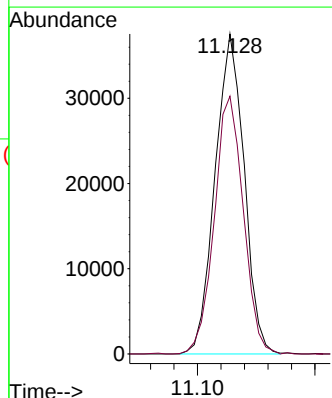
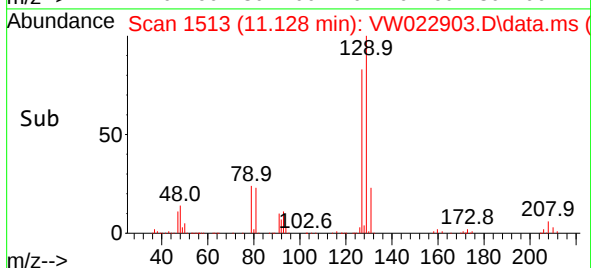
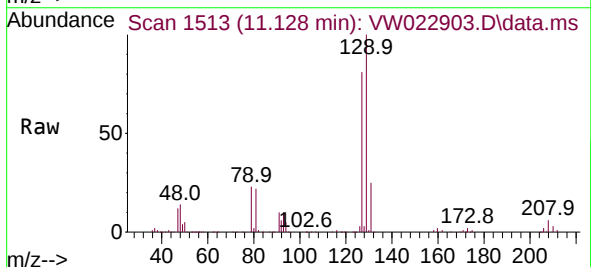


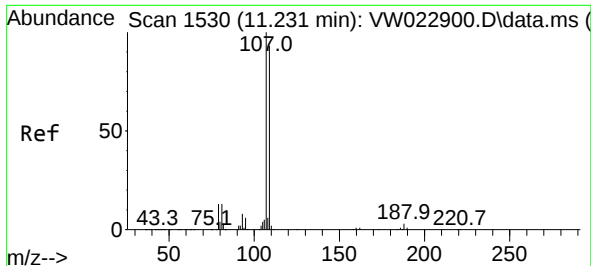
Tgt Ion: 43 Resp: 68305
Ion Ratio Lower Upper
43 100
58 52.0 45.9 68.9
57 19.2 16.2 24.2
100 14.1 10.7 16.1



#49
Dibromochloromethane
Concen: 16.998 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Tgt Ion: 129 Resp: 64433
Ion Ratio Lower Upper
129 100
127 80.6 53.8 100.0





#50

1,2-Dibromoethane

Concen: 19.138 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

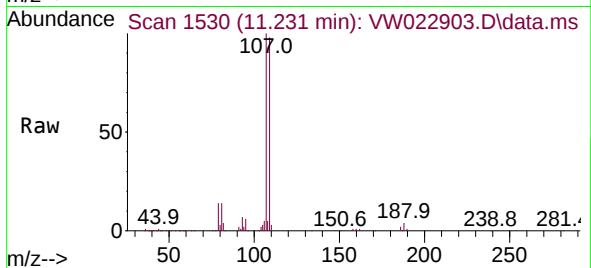
Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

ClientSampleId :



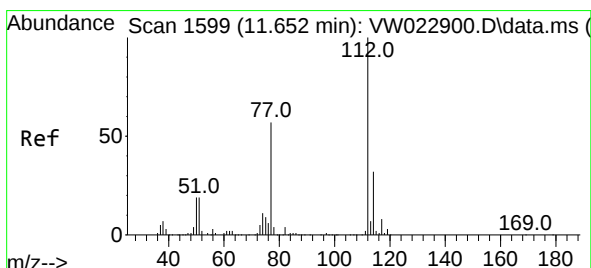
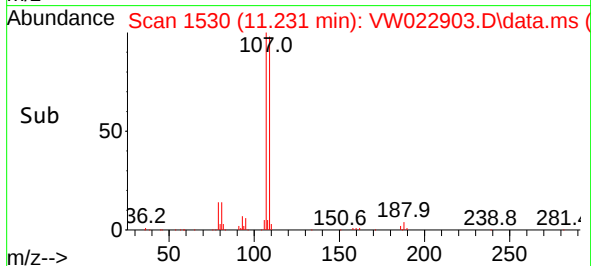
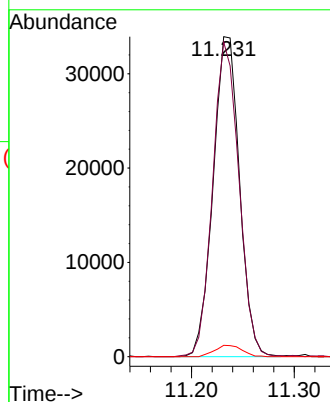
Tgt Ion:107 Resp: 60523

Ion Ratio Lower Upper

107 100

109 98.3 67.5 125.4

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 20.259 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

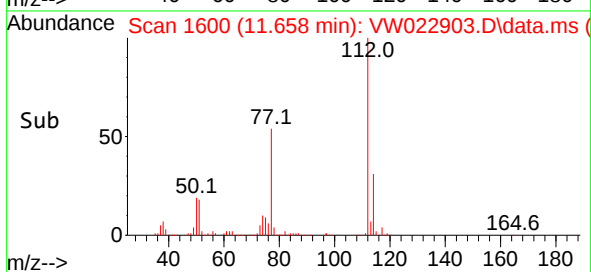
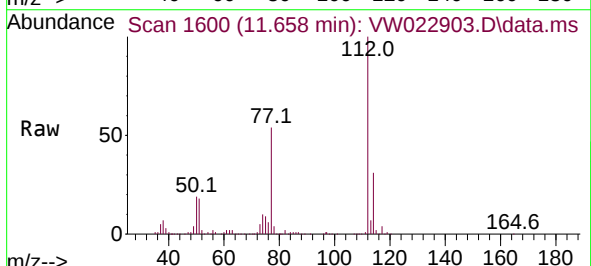
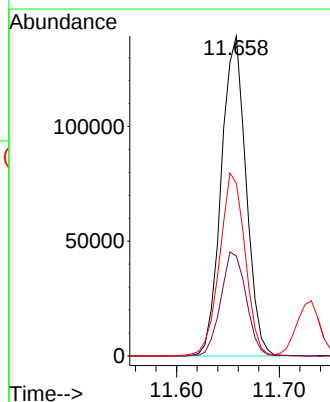
Tgt Ion:112 Resp: 233030

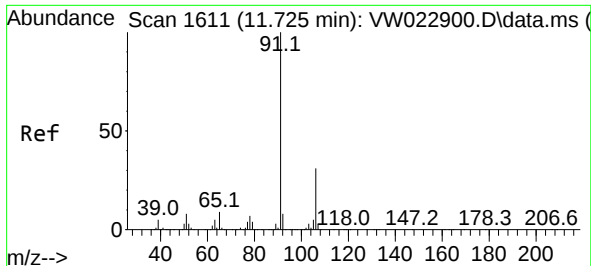
Ion Ratio Lower Upper

112 100

114 31.2 22.0 41.0

77 54.0 42.6 63.8

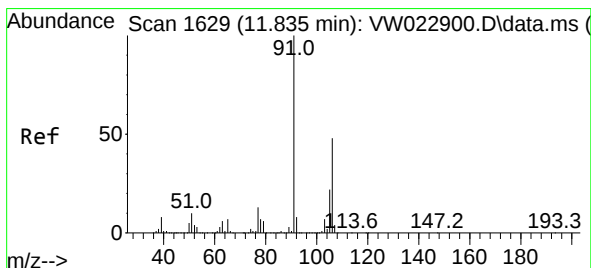
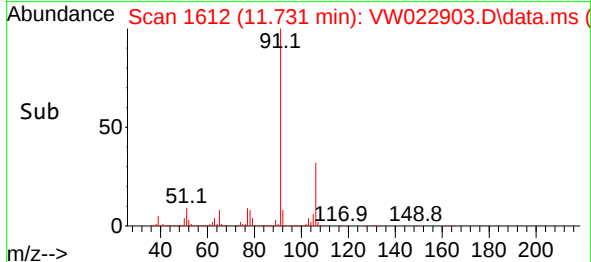
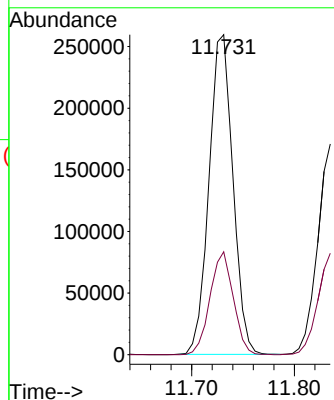
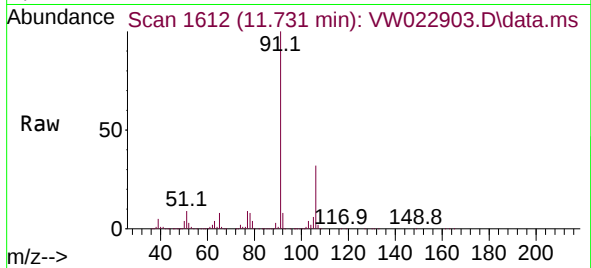




#52
Ethylbenzene
Concen: 21.584 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

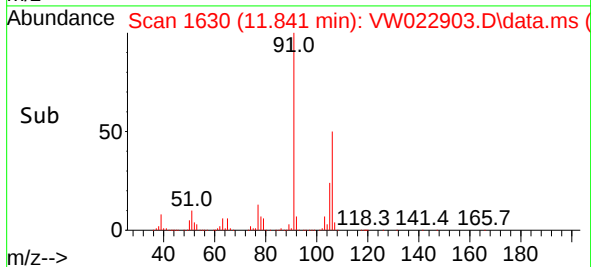
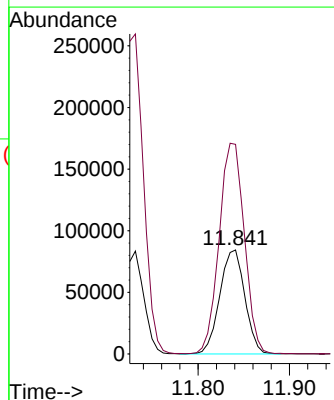
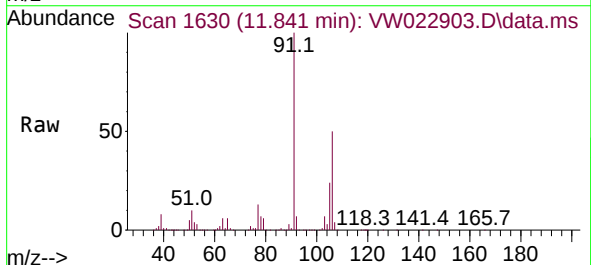
Instrument :
MSVOA_W
ClientSampleId :

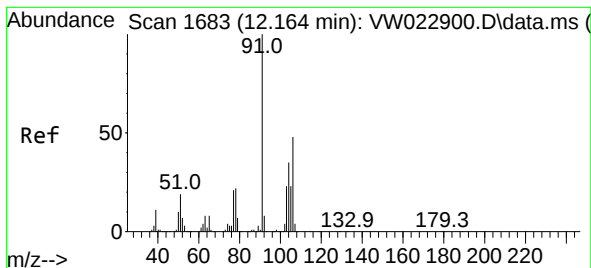
Tgt Ion: 91 Resp: 418966
Ion Ratio Lower Upper
91 100
106 32.2 22.3 41.3



#53
m,p-Xylene
Concen: 21.047 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Tgt Ion:106 Resp: 160971
Ion Ratio Lower Upper
106 100
91 201.7 136.8 254.0





#54

o-Xylene

Concen: 21.250 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

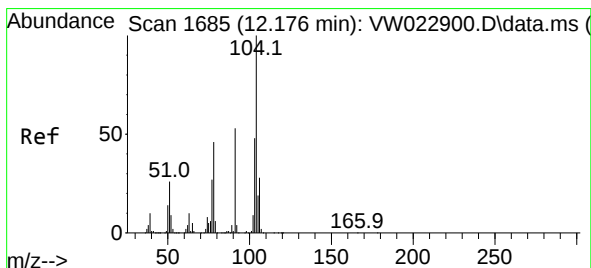
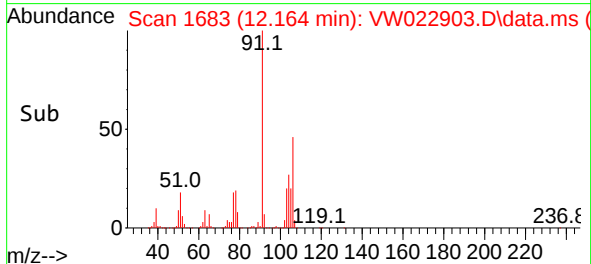
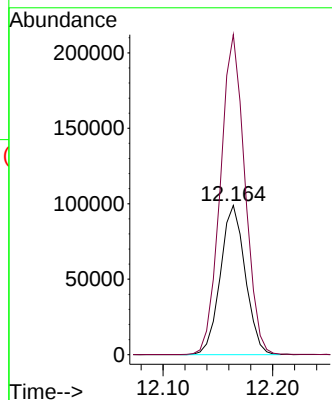
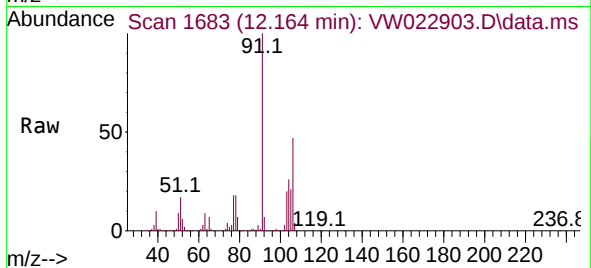
ClientSampleId :

Tgt Ion:106 Resp: 155964

Ion Ratio Lower Upper

106 100

91 214.5 147.2 273.4



#55

Styrene

Concen: 18.693 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022903.D

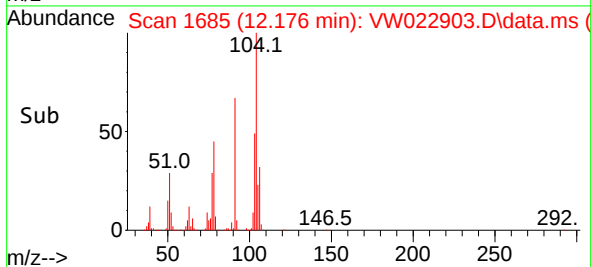
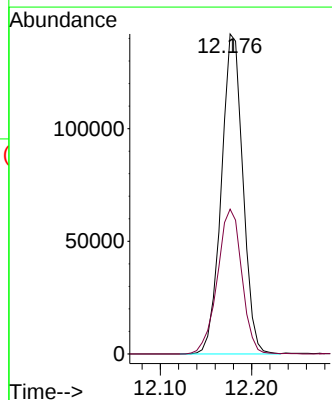
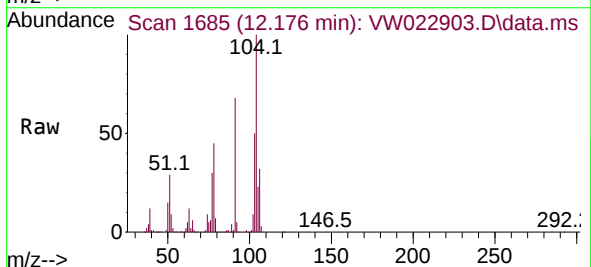
Acq: 06 May 2022 21:20

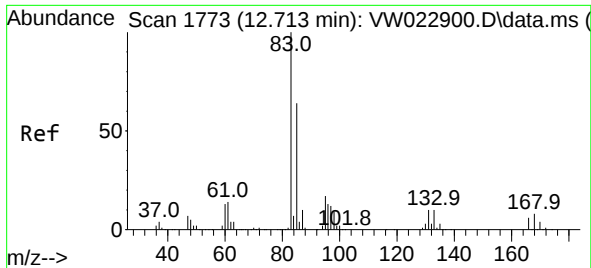
Tgt Ion:104 Resp: 233125

Ion Ratio Lower Upper

104 100

78 45.2 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 18.998 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

ClientSampleId :

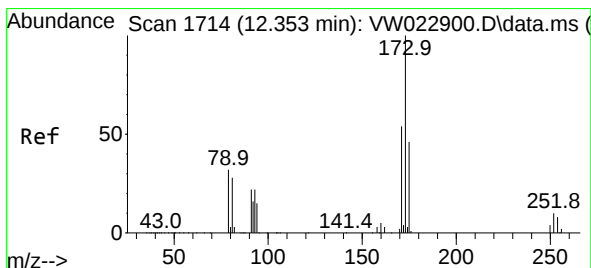
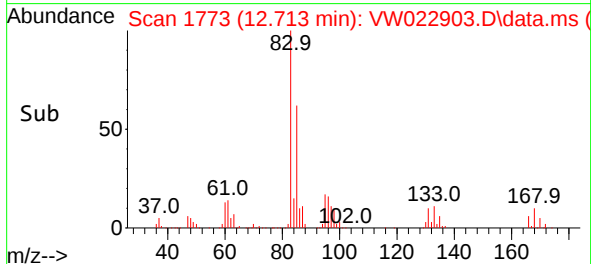
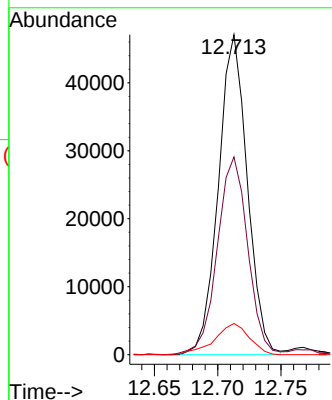
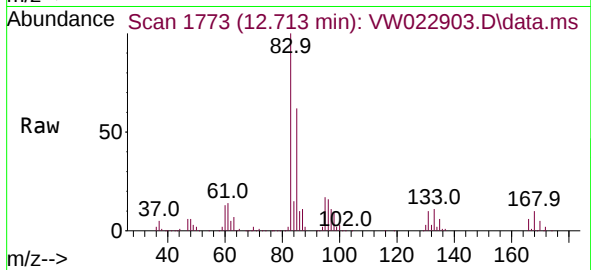
Tgt Ion: 83 Resp: 74736

Ion Ratio Lower Upper

83 100

85 61.8 47.5 88.1

131 9.8 8.7 13.1



#59

Bromoform

Concen: 20.286 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

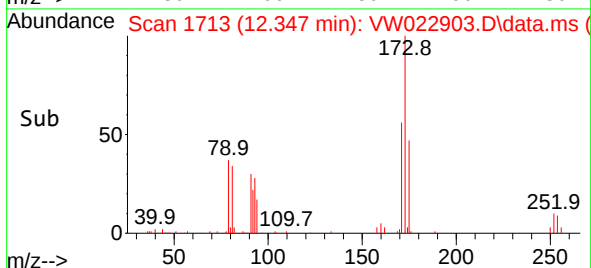
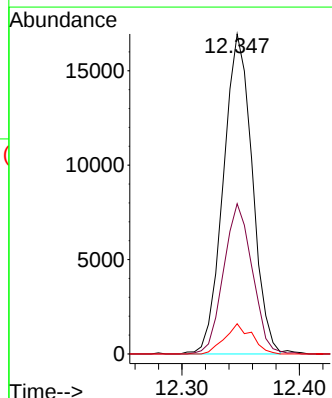
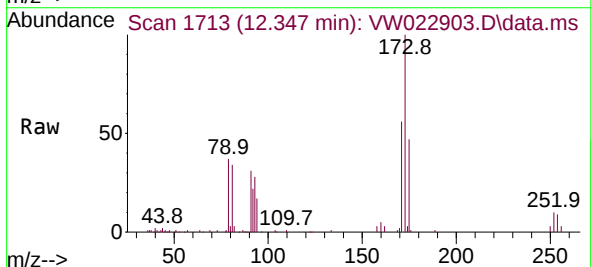
Tgt Ion: 173 Resp: 28998

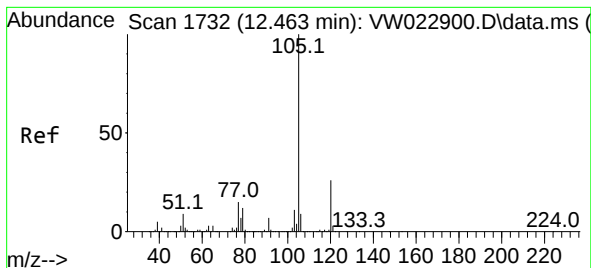
Ion Ratio Lower Upper

173 100

175 46.6 38.1 57.1

254 8.8 6.5 9.7

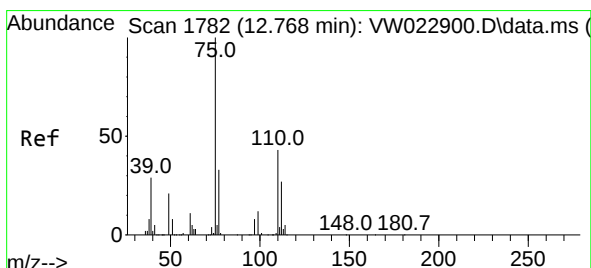
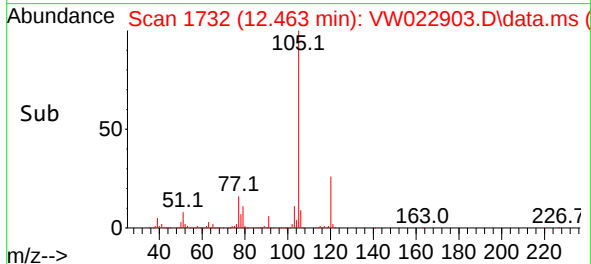
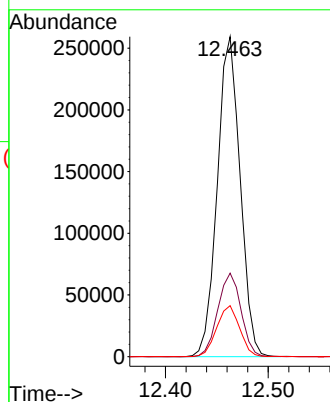
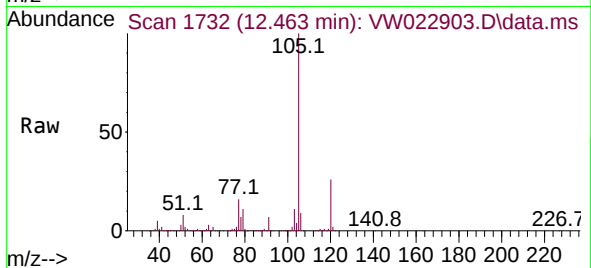




#60
Isopropylbenzene
Concen: 28.944 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

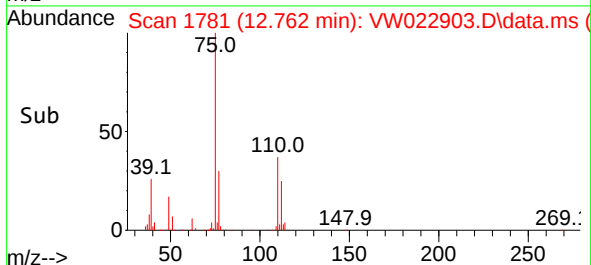
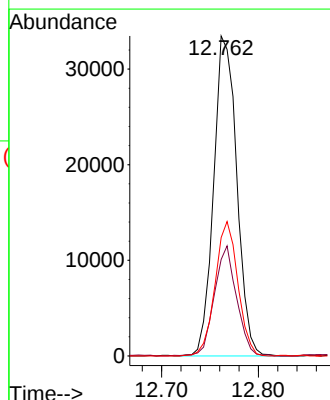
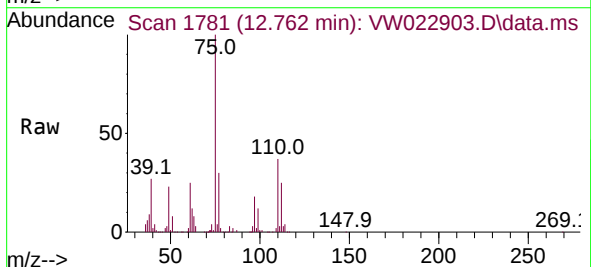
Instrument :
MSVOA_W
ClientSampleId :

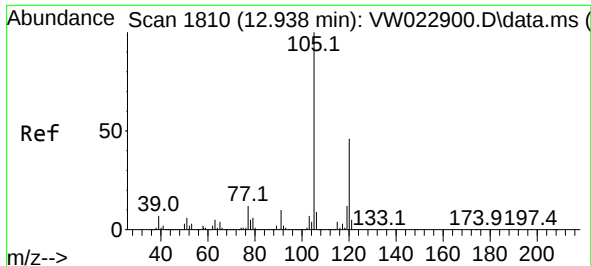
Tgt Ion:105 Resp: 399951
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 27.554 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Tgt Ion: 75 Resp: 55532
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.2
110 41.2 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 24.755 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

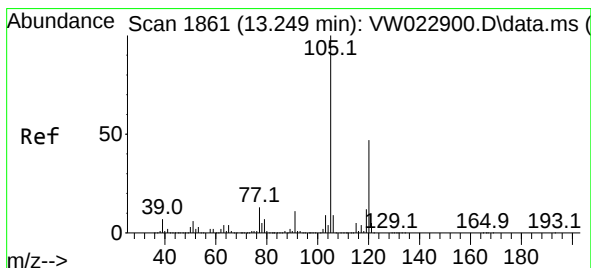
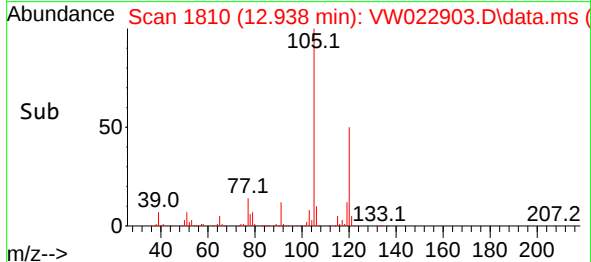
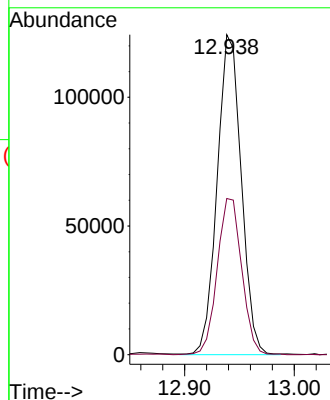
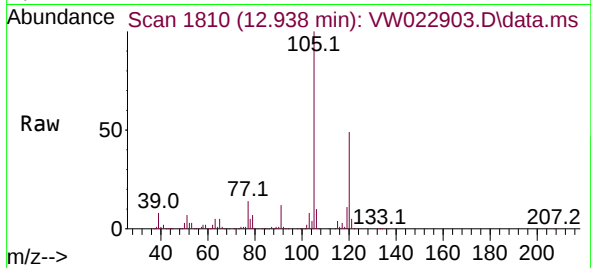
ClientSampleId :

Tgt Ion:105 Resp: 190307

Ion Ratio Lower Upper

105 100

120 49.5 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 25.486 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022903.D

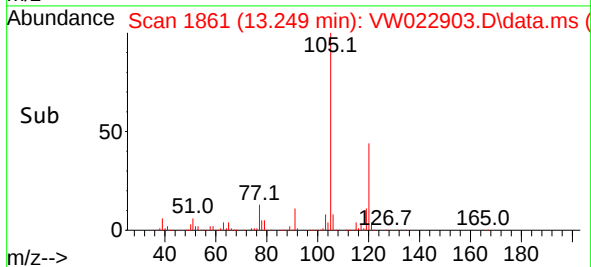
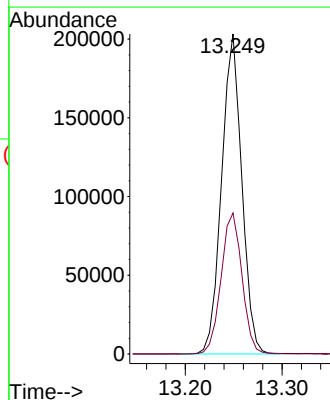
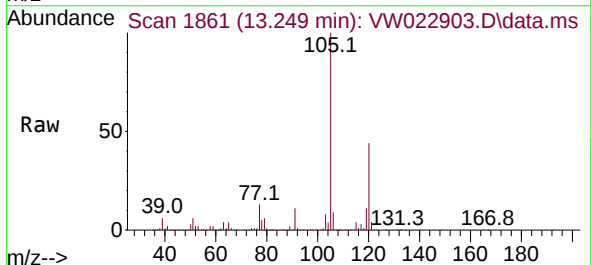
Acq: 06 May 2022 21:20

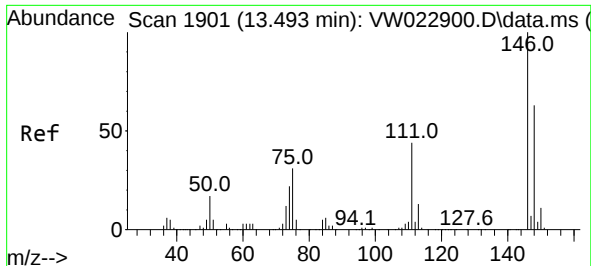
Tgt Ion:105 Resp: 294188

Ion Ratio Lower Upper

105 100

120 45.6 37.4 56.2

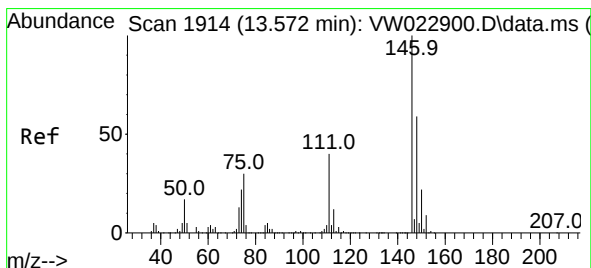
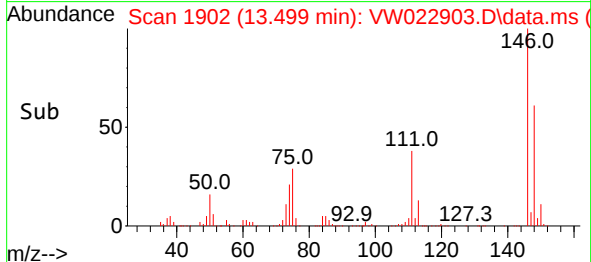
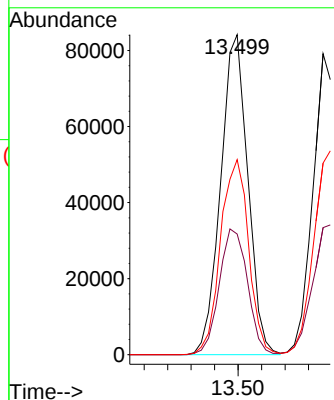
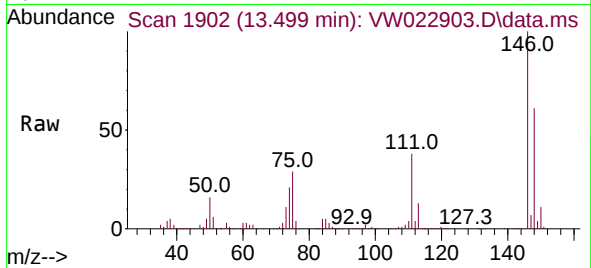




#64
1,3-Dichlorobenzene
Concen: 21.955 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

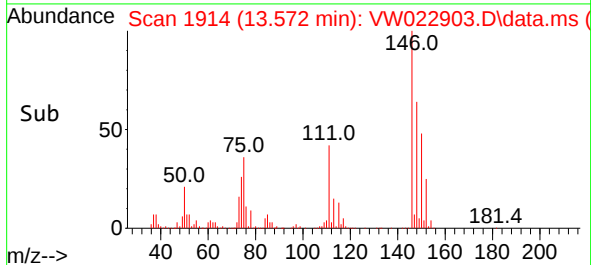
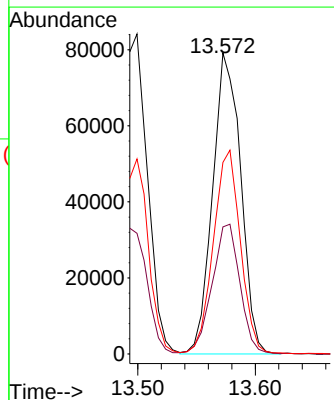
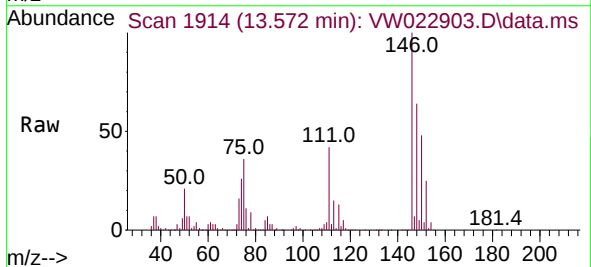
Instrument :
MSVOA_W
ClientSampleId :

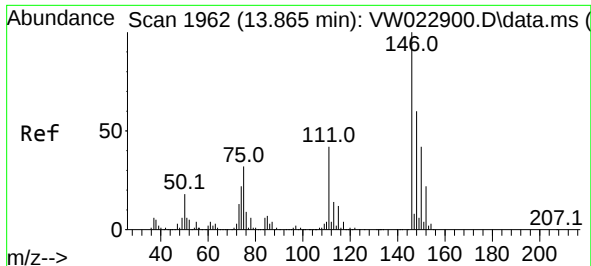
Tgt Ion:146 Resp: 135452
Ion Ratio Lower Upper
146 100
111 37.7 29.5 54.9
148 60.9 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 20.641 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022903.D
Acq: 06 May 2022 21:20

Tgt Ion:146 Resp: 131533
Ion Ratio Lower Upper
146 100
111 42.2 27.2 50.4
148 63.7 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 21.242 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

ClientSampleId :

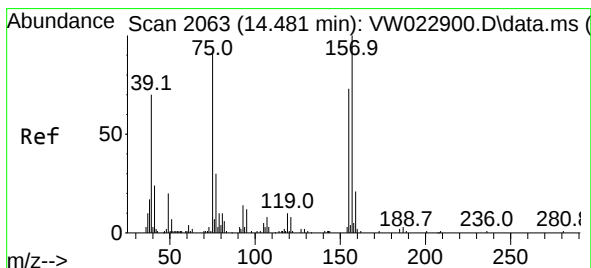
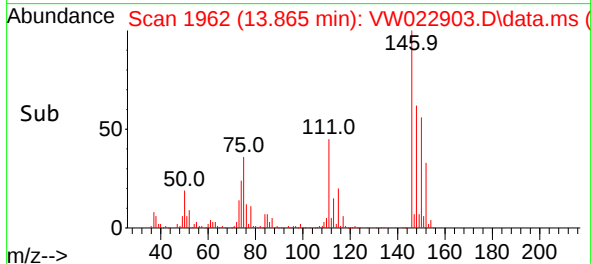
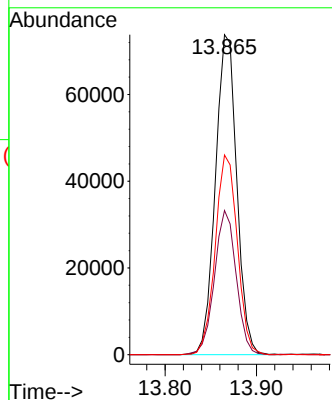
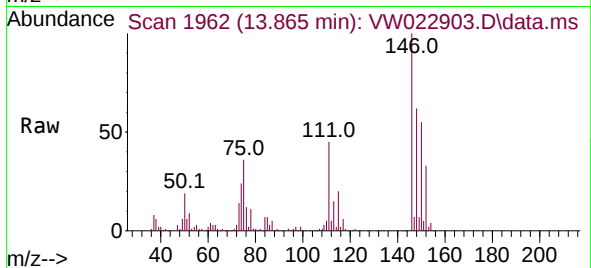
Tgt Ion:146 Resp: 119922

Ion Ratio Lower Upper

146 100

111 45.0 35.7 53.5

148 62.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.215 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

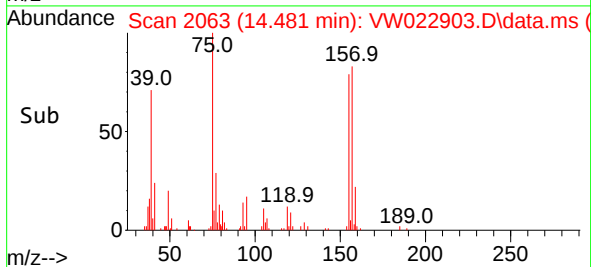
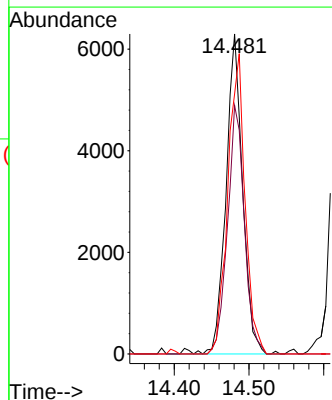
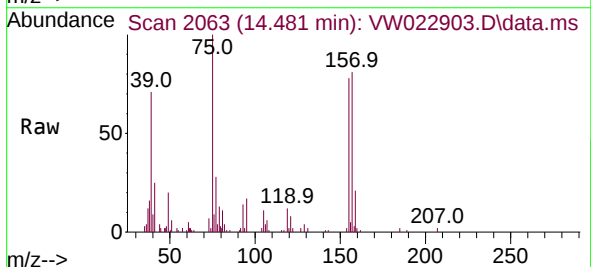
Tgt Ion: 75 Resp: 9785

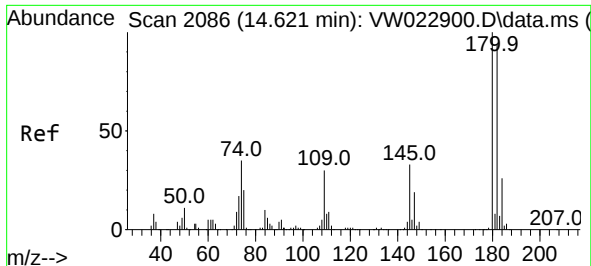
Ion Ratio Lower Upper

75 100

155 77.6 59.3 88.9

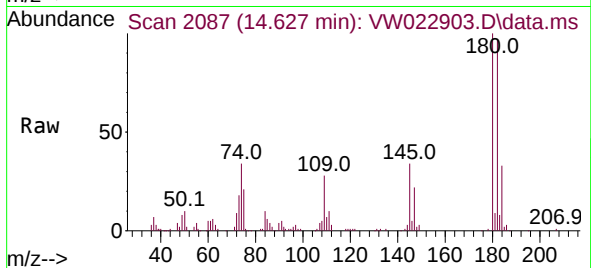
157 81.3 89.8 134.8#



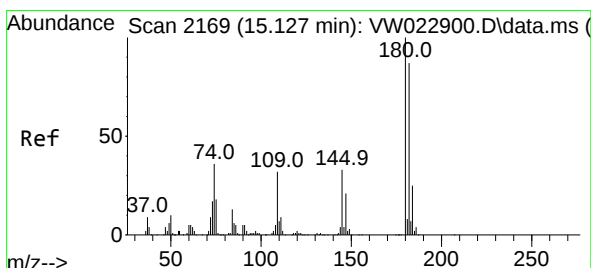
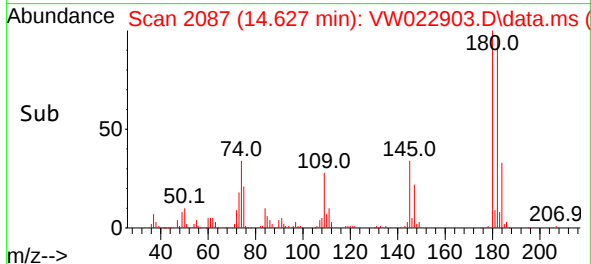
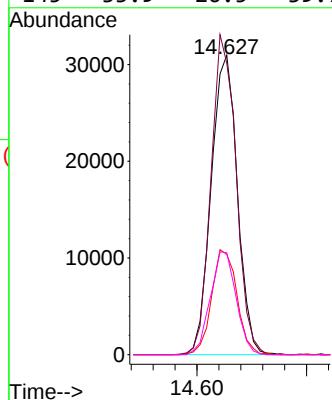


#69
 1,3,5-Trichlorobenzene
 Concen: 12.529 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW022903.D
 Acq: 06 May 2022 21:20

Instrument :
 MSVOA_W
 ClientSampleId :

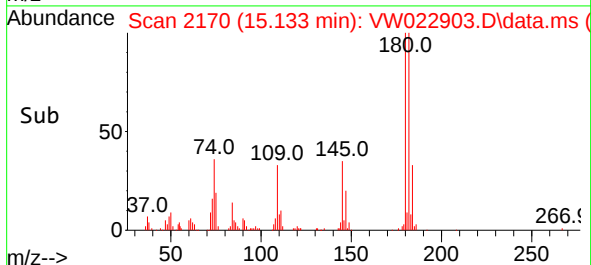
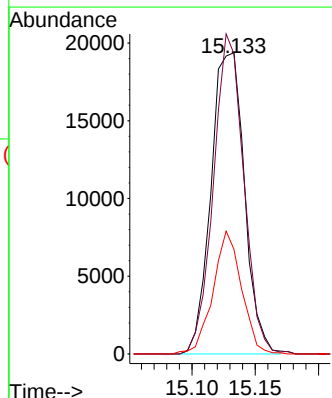
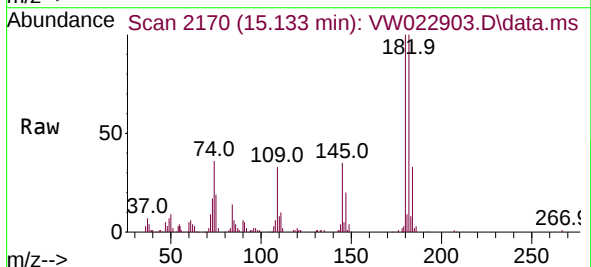


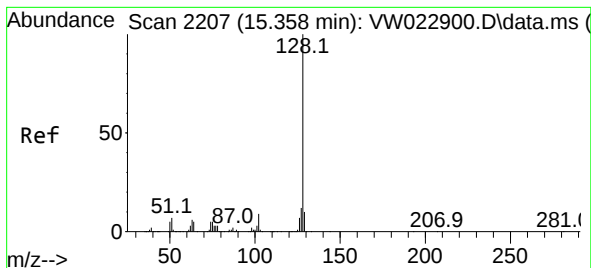
Tgt Ion:180 Resp: 51310
 Ion Ratio Lower Upper
 180 100
 182 102.4 74.8 112.2
 184 34.0 23.4 35.2
 145 33.9 26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 10.815 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW022903.D
 Acq: 06 May 2022 21:20

Tgt Ion:180 Resp: 35628
 Ion Ratio Lower Upper
 180 100
 182 95.8 74.9 112.3
 145 34.8 26.6 39.8





#71

Naphthalene

Concen: 12.345 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Instrument :

MSVOA_W

ClientSampleId :

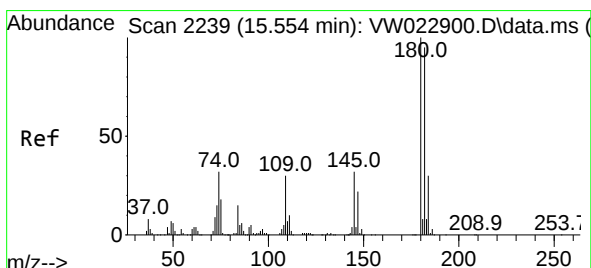
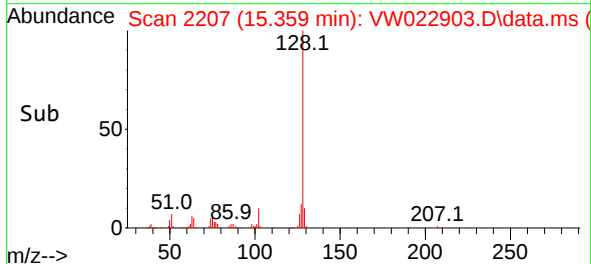
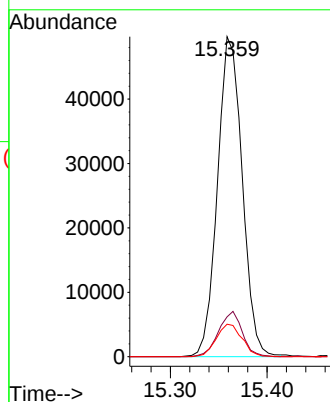
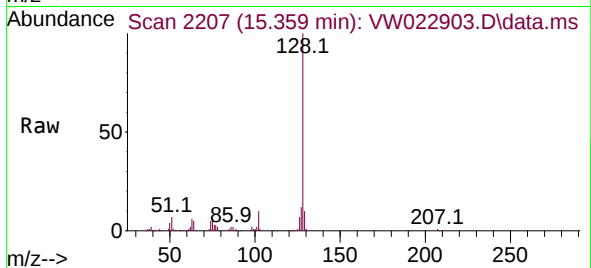
Tgt Ion:128 Resp: 88392

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 9.068 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW022903.D

Acq: 06 May 2022 21:20

Tgt Ion:180 Resp: 26477

Ion Ratio Lower Upper

180 100

182 95.9 73.5 110.3

145 36.9 27.9 41.9

