

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
 Data File : VW022904.D
 Acq On : 06 May 2022 21:44
 Operator : SY/VA
 Sample : N2714-04MSD
 Misc : 6.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW2X5MSD

Quant Time: May 07 03:05:59 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	239460	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	197570	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70627	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	113027	23.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.040%
7) Chloroethane-d5	2.885	69	90652	28.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.440%
11) 1,1-Dichloroethene-d2	4.019	63	136633	21.524	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.080%
21) 2-Butanone-d5	7.080	46	56893	60.907	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.820%
24) Chloroform-d	7.647	84	182594	26.027	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.120%
26) 1,2-Dichloroethane-d4	8.305	65	103928	27.010	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.040%
32) Benzene-d6	8.275	84	332769	29.222	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.880%
36) 1,2-Dichloropropane-d6	9.274	67	101617	31.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.080%#
41) Toluene-d8	10.323	98	289561	26.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.280%
43) trans-1,3-Dichloroprop...	10.579	79	37203	25.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.040%
47) 2-Hexanone-d5	10.921	63	45575	74.633	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.260%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	92292	30.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.800%#
66) 1,2-Dichlorobenzene-d4	13.853	152	60387	24.459	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32094	24.586	ug/L #	84
3) Chloromethane	2.221	50	59957	23.769	ug/L	100
5) Vinyl chloride	2.361	62	111462	22.018	ug/L	100
6) Bromomethane	2.776	94	66386	20.424	ug/L	99
8) Chloroethane	2.922	64	60382	24.729	ug/L	93
9) Trichlorofluoromethane	3.251	101	45066	19.477	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	65393	18.901	ug/L	98
12) 1,1-Dichloroethene	4.038	96	63509	20.707	ug/L	87
13) Acetone	4.123	43	92115	131.716	ug/L	100
14) Carbon disulfide	4.385	76	124909	14.855	ug/L	99
15) Methyl Acetate	4.672	43	34095	24.267	ug/L	97
16) Methylene chloride	4.915	84	77697	22.174	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	68985	19.988	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	132933	25.231	ug/L	99
19) 1,1-Dichloroethane	6.214	63	133045	22.745	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	79629	21.480	ug/L #	100
22) 2-Butanone	7.171	43	69103	70.655	ug/L	99
23) Bromochloromethane	7.513	128	38763	22.328	ug/L	96
25) Chloroform	7.677	83	148556	22.967	ug/L	96

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 QLast Update : Sat May 07 01:54:32 2022
 Response via : Initial Calibration

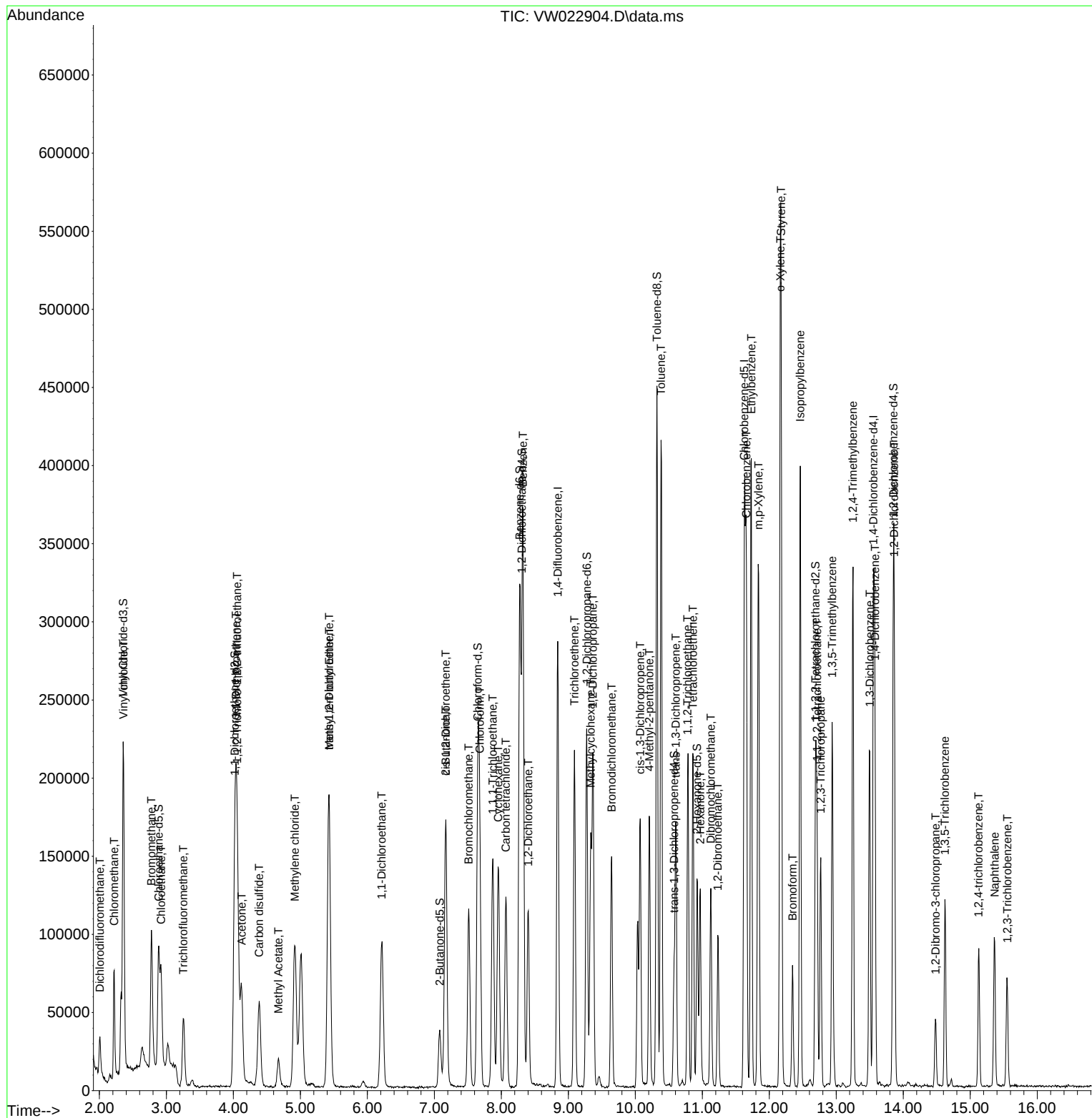
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	102295	23.726	ug/L	99
29) Cyclohexane	7.952	56	73520	17.206	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	116568	24.967	ug/L	98
31) Carbon tetrachloride	8.067	117	89271	20.440	ug/L	99
33) Benzene	8.323	78	292665	25.145	ug/L	100
34) Trichloroethene	9.092	95	72003	22.495	ug/L	97
35) Methylcyclohexane	9.335	83	61912	11.774	ug/L	99
37) 1,2-Dichloropropane	9.366	63	74508	26.453	ug/L	99
38) Bromodichloromethane	9.646	83	95763	23.937	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	97746	22.381	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	106922	60.228	ug/L	100
42) Toluene	10.384	91	302675	23.205	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	90895	23.318	ug/L	99
45) 1,1,2-Trichloroethane	10.780	97	63897	27.138	ug/L	92
46) Tetrachloroethene	10.860	164	43504	18.085	ug/L	88
48) 2-Hexanone	10.969	43	79027	66.624	ug/L	93
49) Dibromochloromethane	11.128	129	62600	22.090	ug/L	100
50) 1,2-Dibromoethane	11.231	107	61988	26.219	ug/L	96
51) Chlorobenzene	11.658	112	176495	20.525	ug/L	98
52) Ethylbenzene	11.731	91	289418	19.944	ug/L	98
53) m,p-Xylene	11.841	106	111163	19.442	ug/L	95
54) o-Xylene	12.164	106	107476	19.588	ug/L	91
55) Styrene	12.176	104	165313	17.731	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	75395	25.637	ug/L	97
59) Bromoform	12.347	173	30352	30.324	ug/L	98
60) Isopropylbenzene	12.463	105	246145	25.440	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	57238	40.560	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	117413	21.812	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	178133	22.039	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	88700	20.533	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	90120	20.197	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	83002	20.997	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	10722	34.765	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	33134	11.555	ug/L	98
70) 1,2,4-trichlorobenzene	15.121	180	25311	10.973	ug/L	97
71) Naphthalene	15.365	128	81191	16.195	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	21693	10.611	ug/L	98

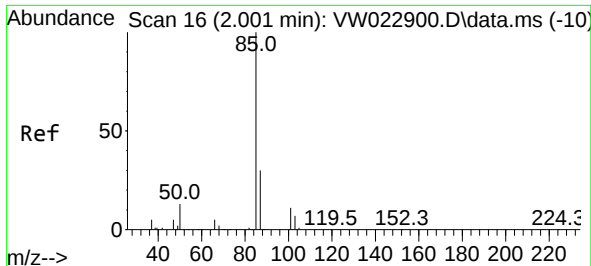
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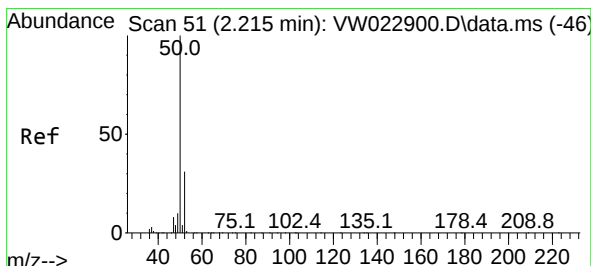
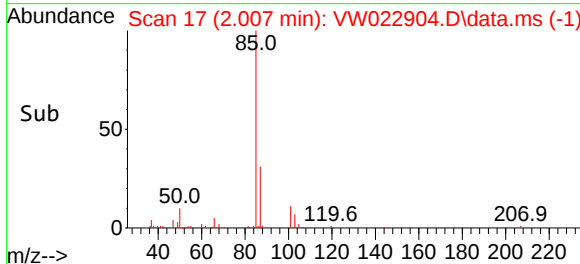
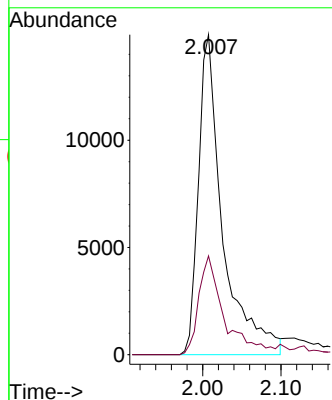
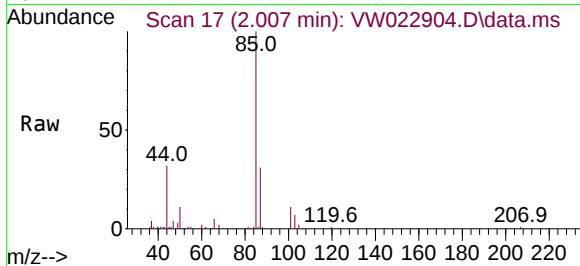




#2
 Dichlorodifluoromethane
 Concen: 24.586 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW022904.D
 Acq: 06 May 2022 21:44

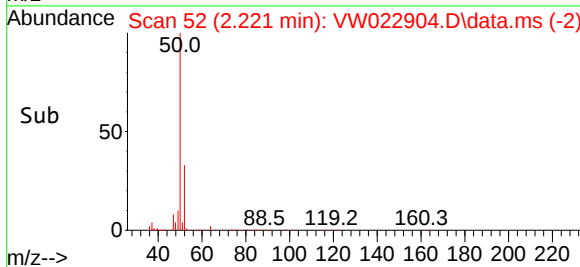
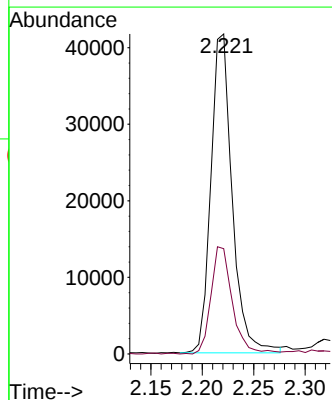
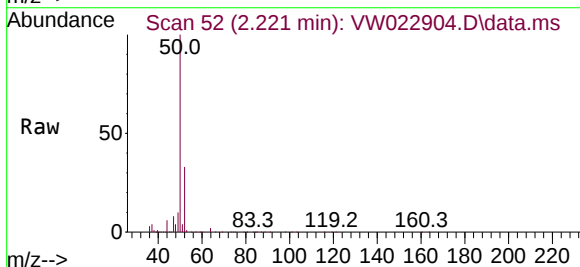
Instrument :
 MSVOA_W
 ClientSampleId :
 EW2X5MSD

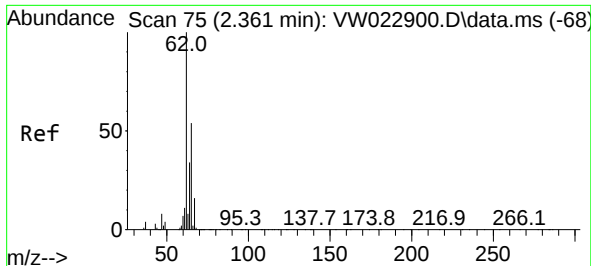
Tgt Ion: 85 Resp: 32094
 Ion Ratio Lower Upper
 85 100
 87 25.4 27.8 41.8#



#3
 Chloromethane
 Concen: 23.769 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW022904.D
 Acq: 06 May 2022 21:44

Tgt Ion: 50 Resp: 59957
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.1 42.9

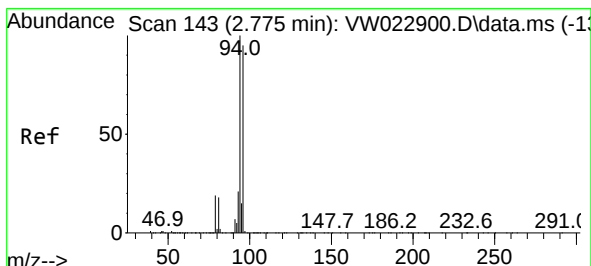
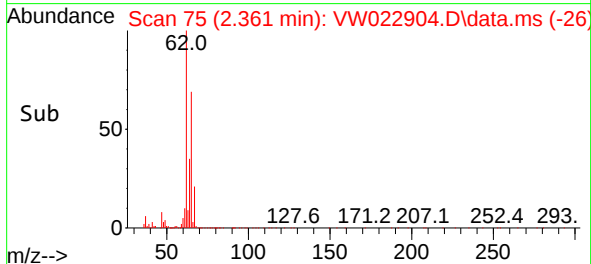
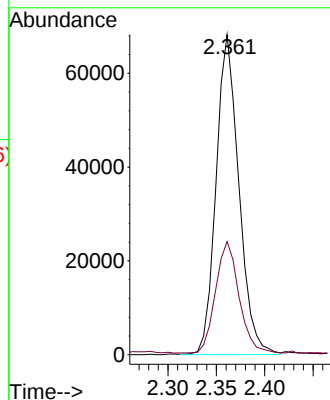
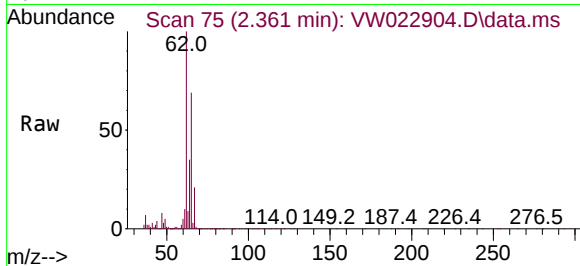




#5
 Vinyl chloride
 Concen: 22.018 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022904.D
 Acq: 06 May 2022 21:44

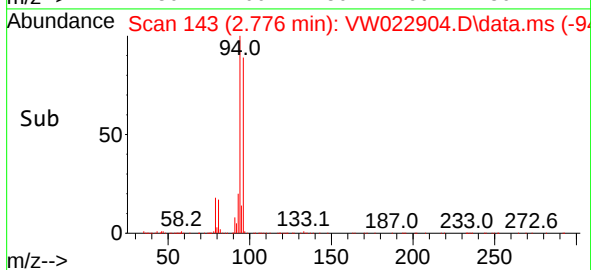
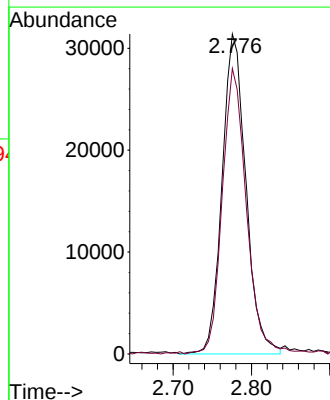
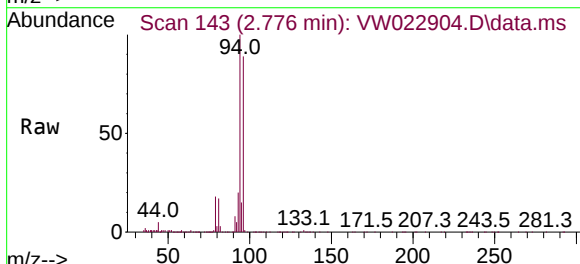
Instrument :
 MSVOA_W
 ClientSampleId :
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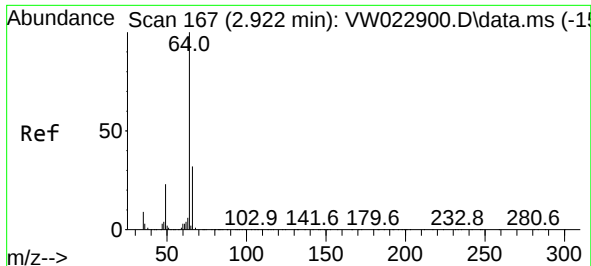
Tgt Ion: 62 Resp: 111462
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.9 46.3



#6
 Bromomethane
 Concen: 20.424 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022904.D
 Acq: 06 May 2022 21:44

Tgt Ion: 94 Resp: 66386
 Ion Ratio Lower Upper
 94 100
 96 89.2 61.7 114.5

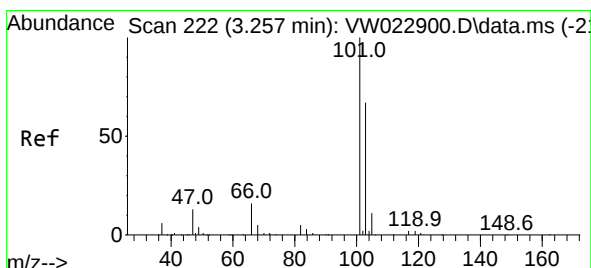
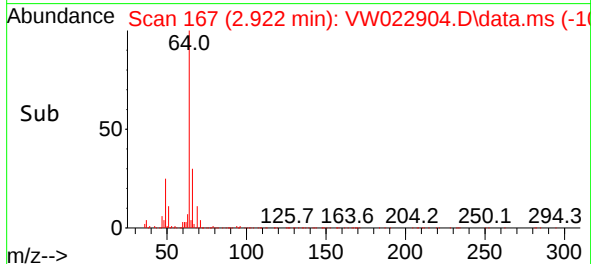
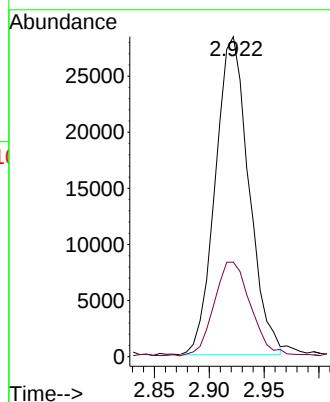
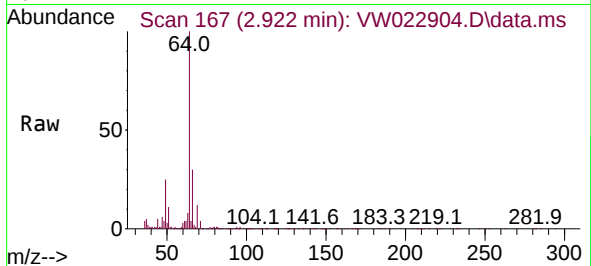




#8
Chloroethane
Concen: 24.729 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

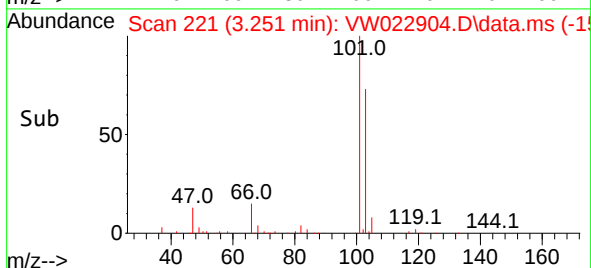
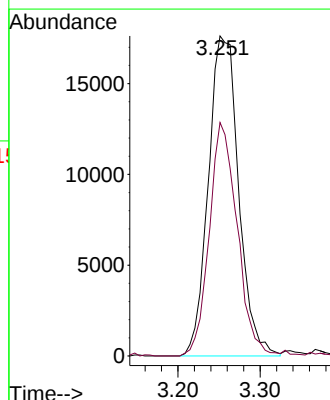
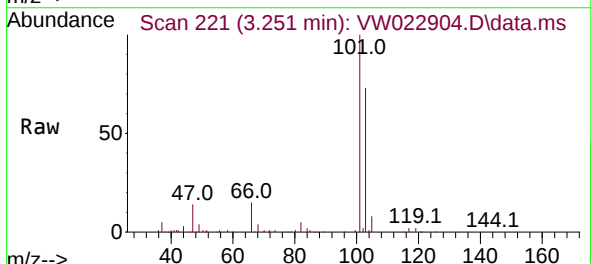
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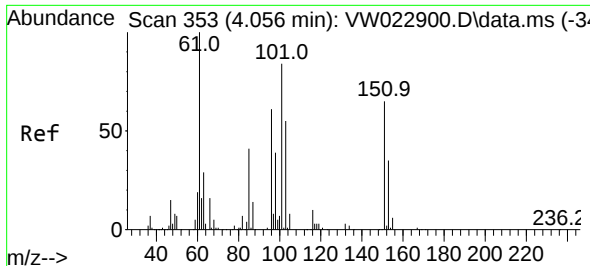
Tgt Ion: 64 Resp: 60382
Ion Ratio Lower Upper
64 100
66 29.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.477 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion: 101 Resp: 45066
Ion Ratio Lower Upper
101 100
103 67.3 53.9 80.9

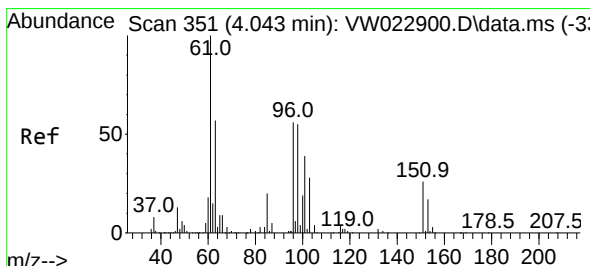
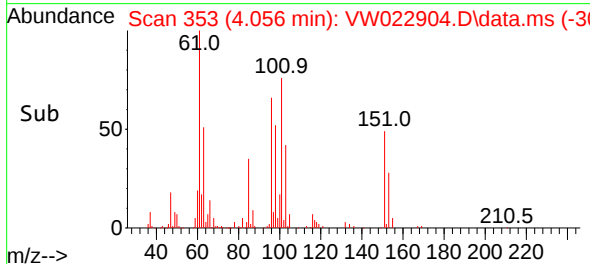
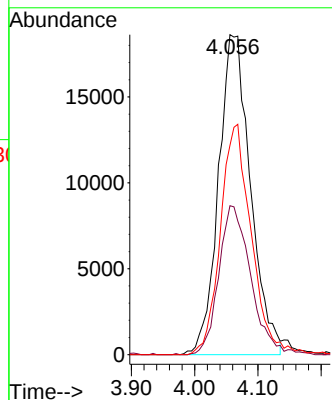
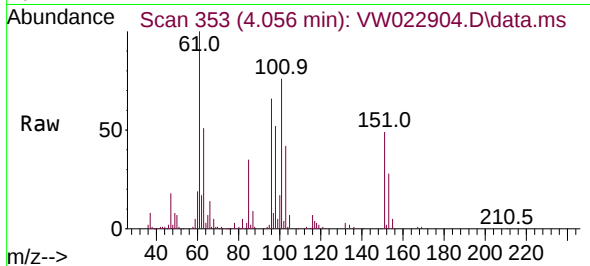




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.901 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW022904.D
 Acq: 06 May 2022 21:44

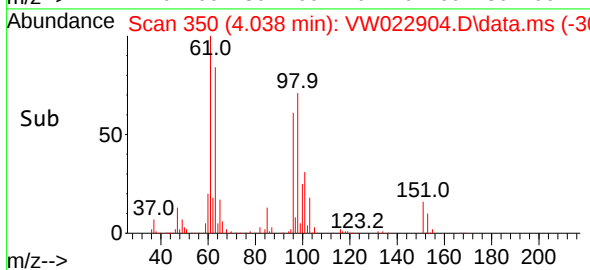
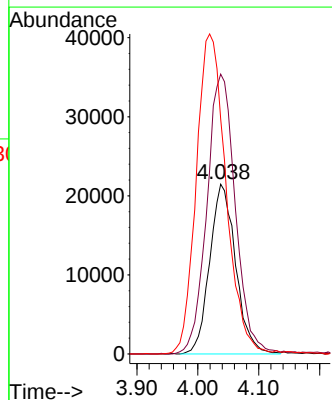
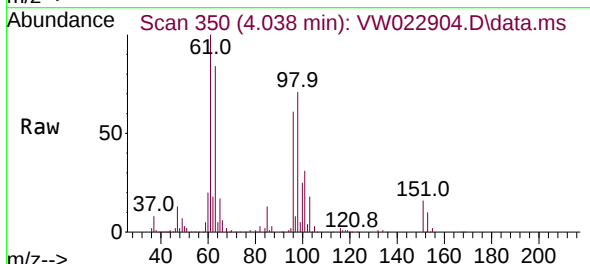
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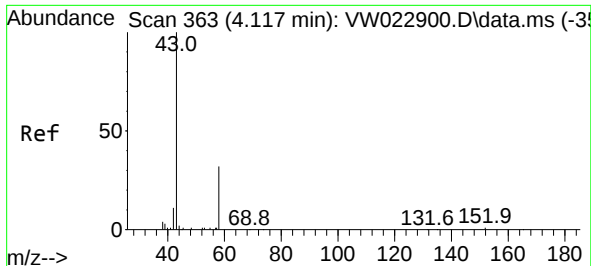
Tgt Ion:101 Resp: 65393
 Ion Ratio Lower Upper
 101 100
 85 45.9 34.3 51.5
 151 68.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 20.707 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022904.D
 Acq: 06 May 2022 21:44

Tgt Ion: 96 Resp: 63509
 Ion Ratio Lower Upper
 96 100
 61 164.7 125.7 233.5
 63 138.4 83.4 155.0





#13

Acetone

Concen: 131.716 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

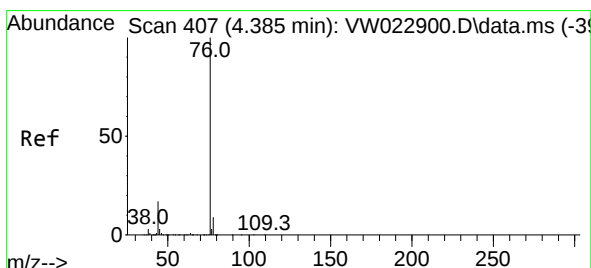
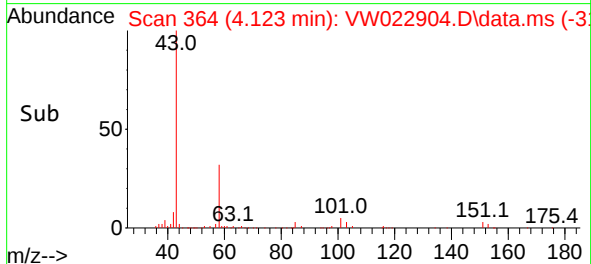
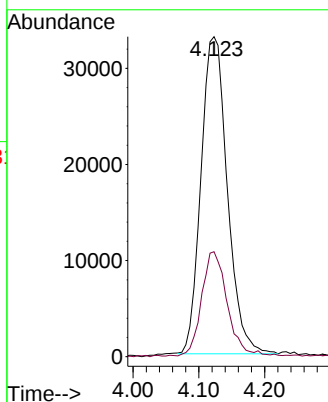
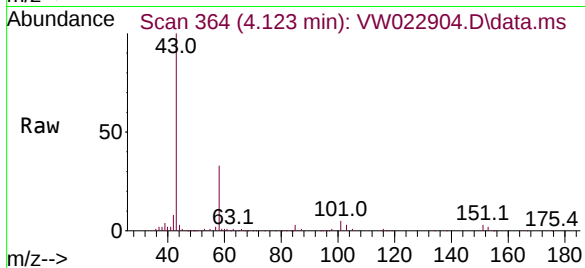
EW2X5MSD

Tgt Ion: 43 Resp: 92115

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.0



#14

Carbon disulfide

Concen: 14.855 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW022904.D

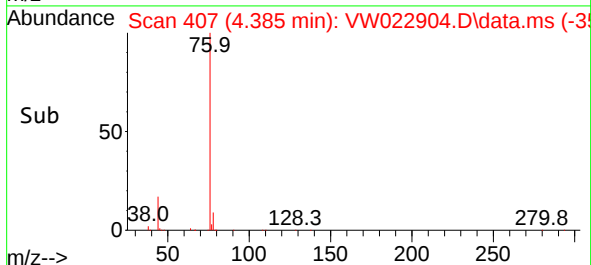
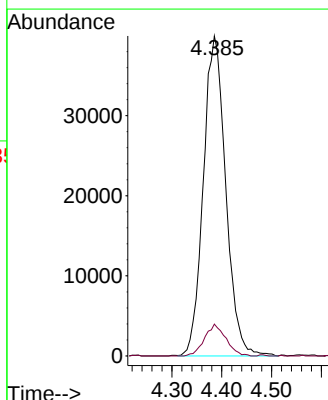
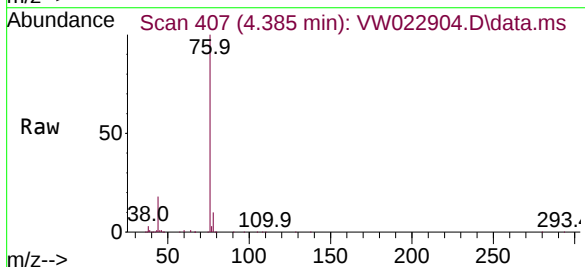
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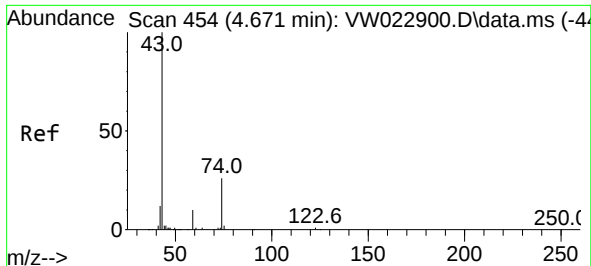
Tgt Ion: 76 Resp: 124909

Ion Ratio Lower Upper

76 100

78 10.0 7.7 11.5

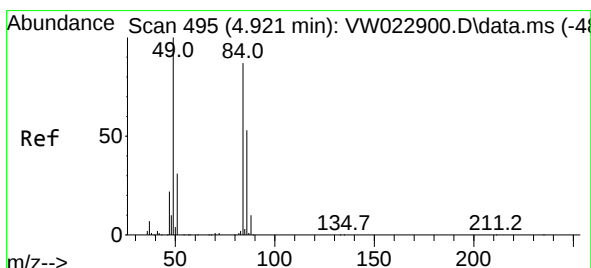
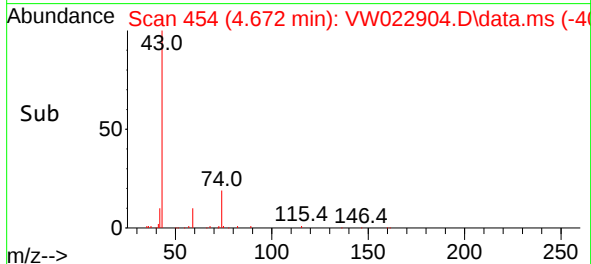
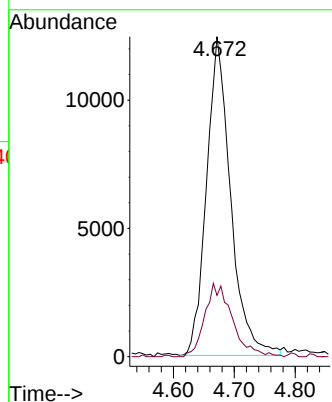
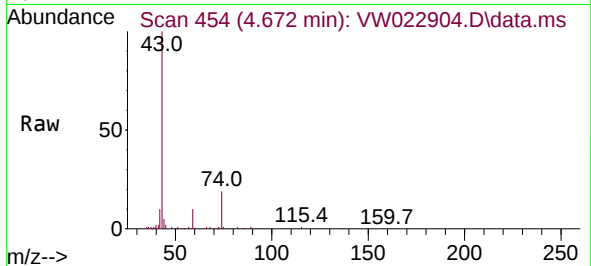




#15
Methyl Acetate
Concen: 24.267 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

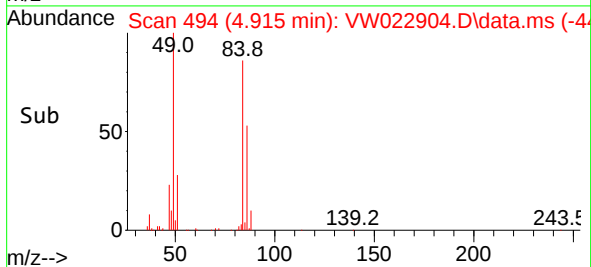
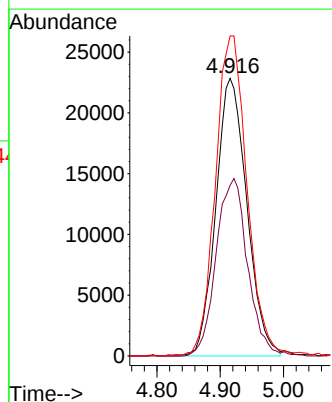
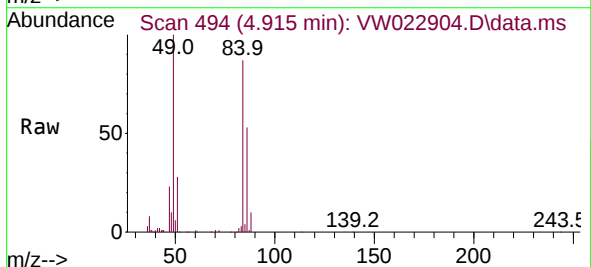
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

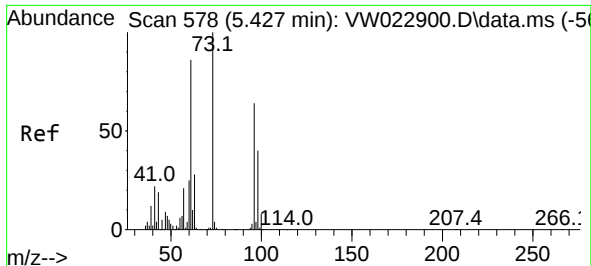
Tgt Ion: 43 Resp: 34095
Ion Ratio Lower Upper
43 100
74 25.9 21.9 32.9



#16
Methylene chloride
Concen: 22.174 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion: 84 Resp: 77697
Ion Ratio Lower Upper
84 100
86 61.5 45.4 84.4
49 115.3 82.5 153.1

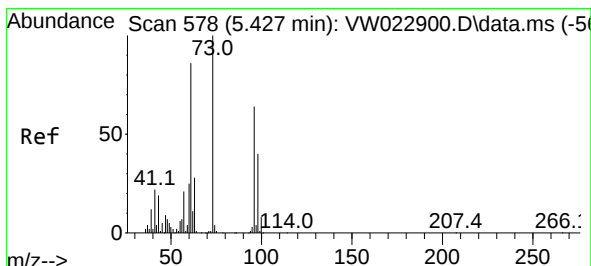
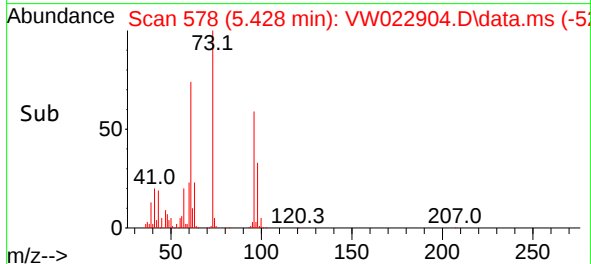
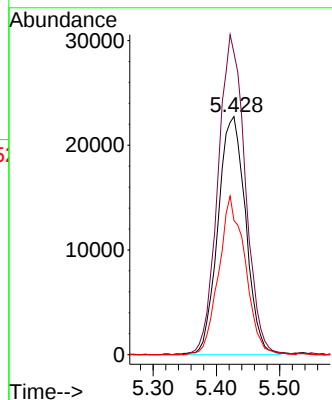
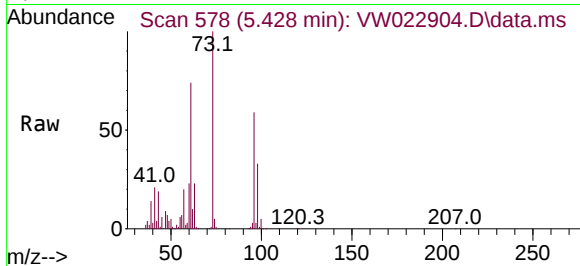




#17
trans-1,2-Dichloroethene
Concen: 19.988 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

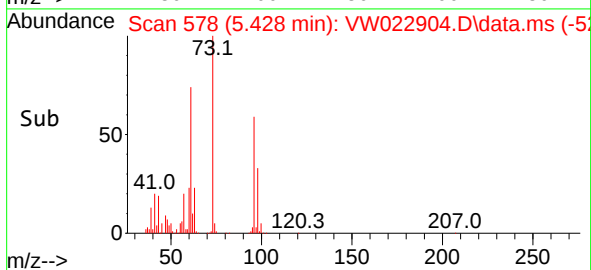
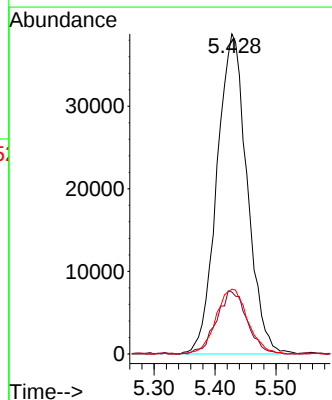
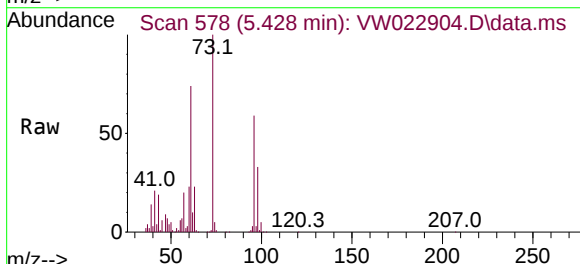
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

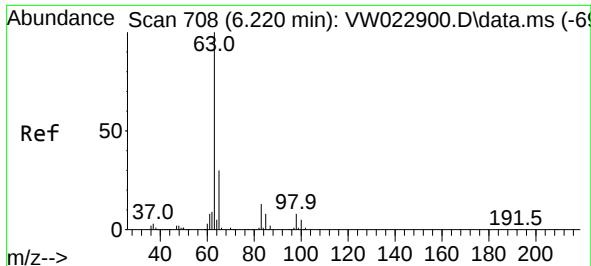
Tgt Ion: 96 Resp: 68985
Ion Ratio Lower Upper
96 100
61 126.8 92.2 171.2
98 56.4 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.231 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion: 73 Resp: 132933
Ion Ratio Lower Upper
73 100
43 19.9 15.9 23.9
57 21.3 16.5 24.7

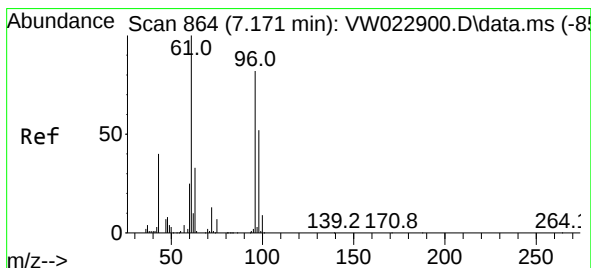
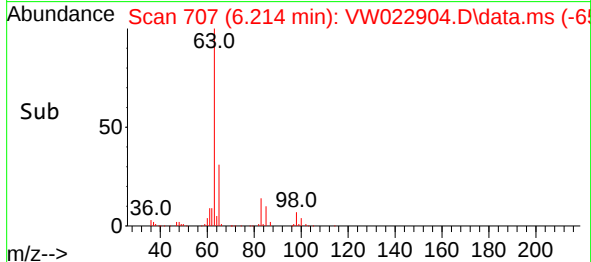
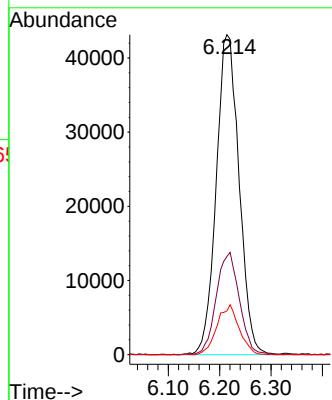
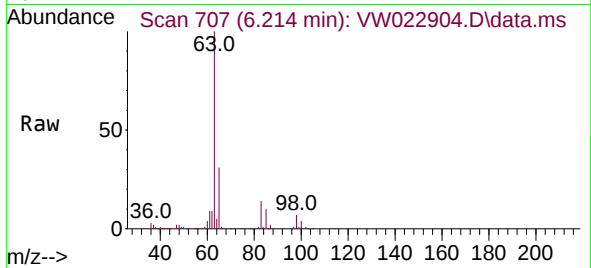




#19
1,1-Dichloroethane
Concen: 22.745 ug/L
RT: 6.214 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

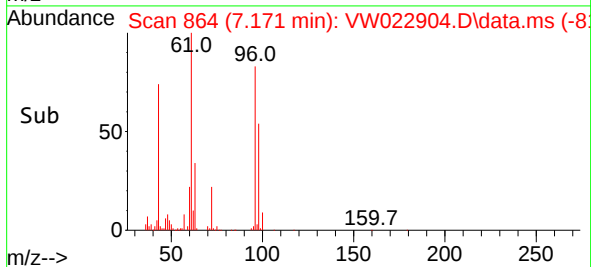
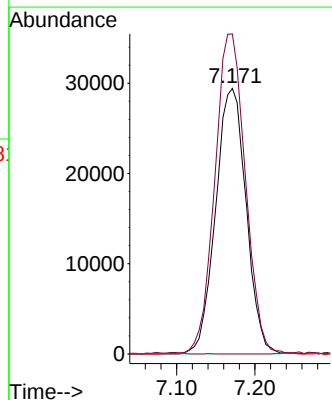
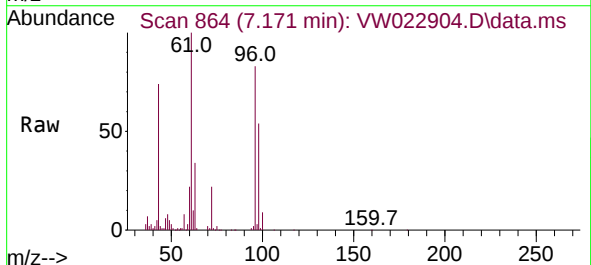
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

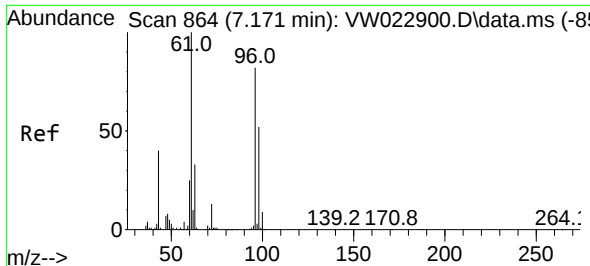
Tgt Ion: 63 Resp: 133045
Ion Ratio Lower Upper
63 100
65 30.7 23.3 43.3
83 13.7 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 21.480 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion: 96 Resp: 79629
Ion Ratio Lower Upper
96 100
61 120.5 84.2 156.4
68 0.0 0.1 0.1#

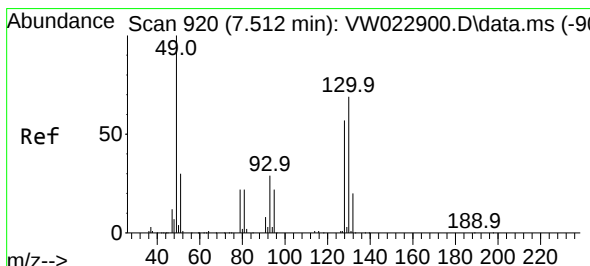
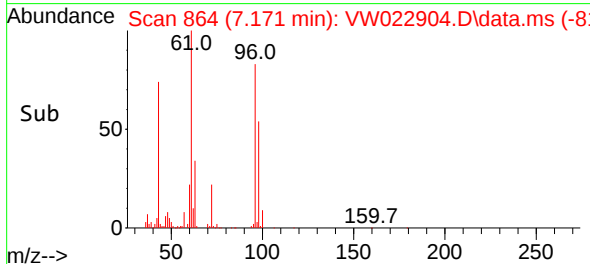
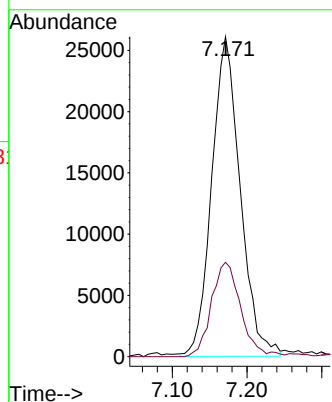
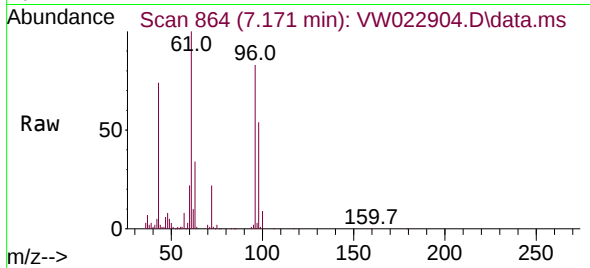




#22
2-Butanone
Concen: 70.655 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

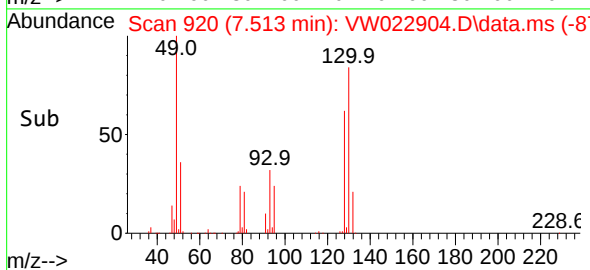
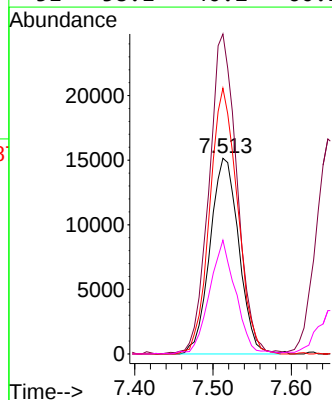
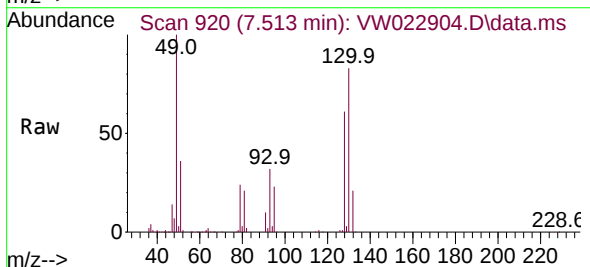
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

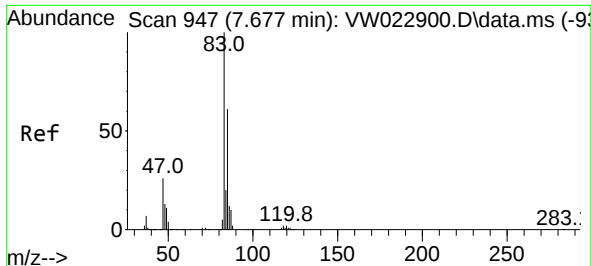
Tgt Ion: 43 Resp: 69103
Ion Ratio Lower Upper
43 100
72 29.8 15.1 45.3



#23
Bromochloromethane
Concen: 22.328 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion: 128 Resp: 38763
Ion Ratio Lower Upper
128 100
49 163.5 110.0 204.4
130 135.8 94.8 176.0
51 58.1 40.2 60.2

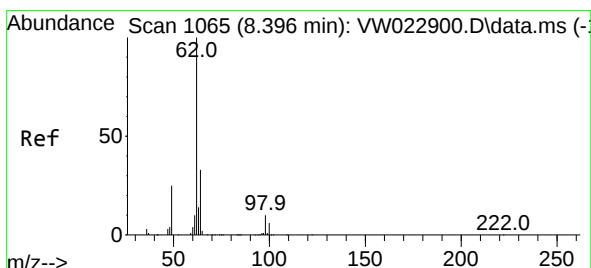
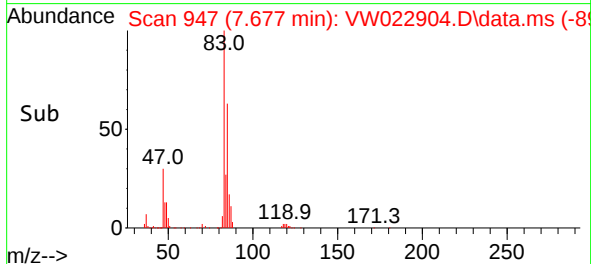
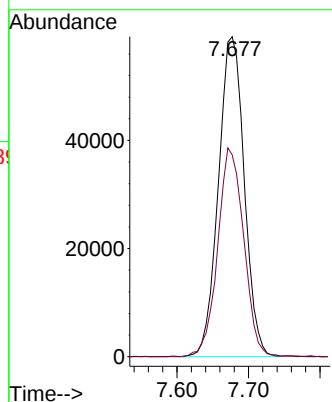
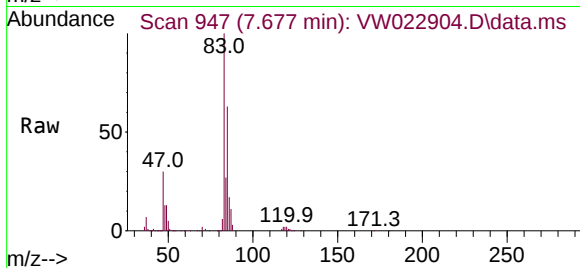




#25
Chloroform
Concen: 22.967 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

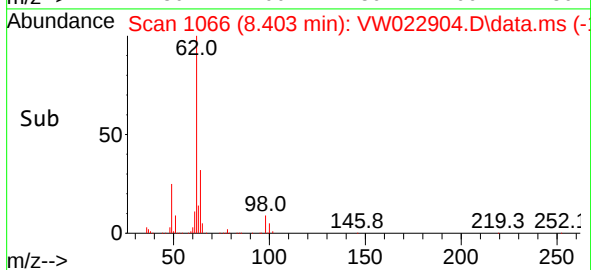
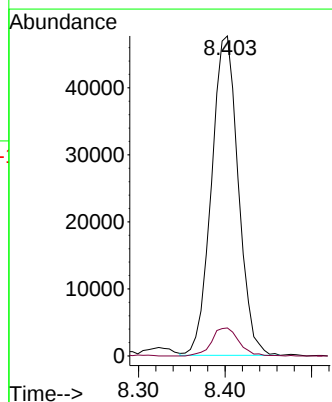
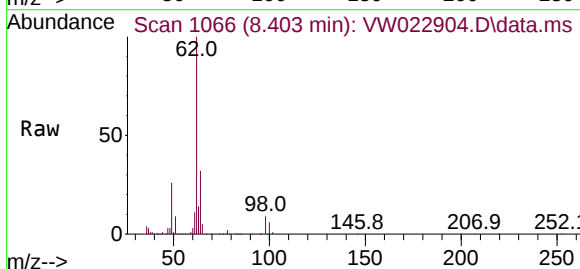
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

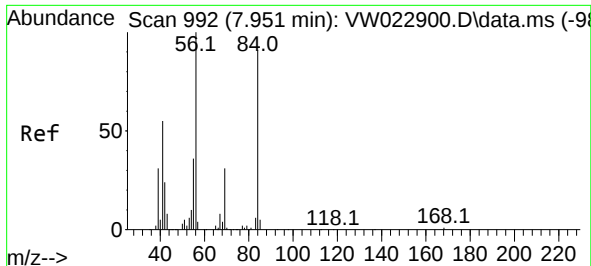
Tgt Ion: 83 Resp: 148556
Ion Ratio Lower Upper
83 100
85 63.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.726 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion: 62 Resp: 102295
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8





#29

Cyclohexane

Concen: 17.206 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

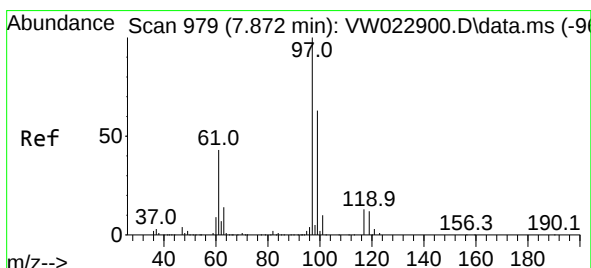
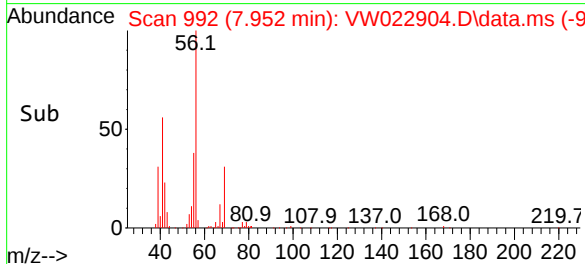
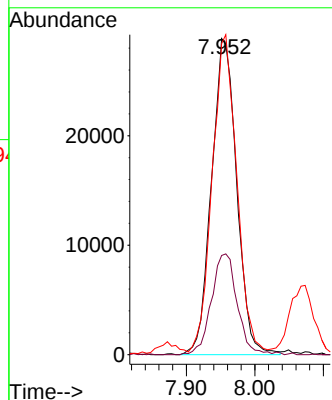
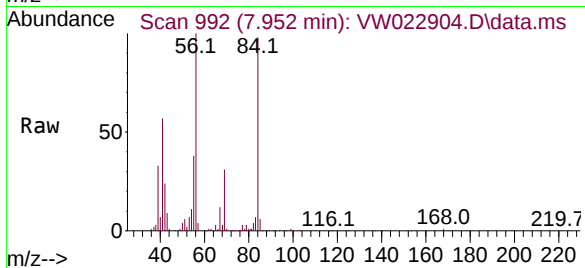
Tgt Ion: 56 Resp: 73520

Ion Ratio Lower Upper

56 100

69 32.5 25.6 38.4

84 99.4 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 24.967 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

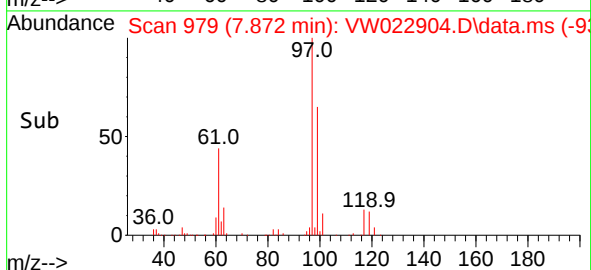
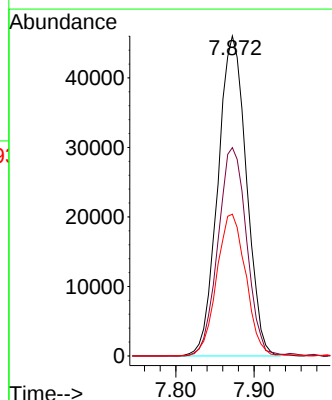
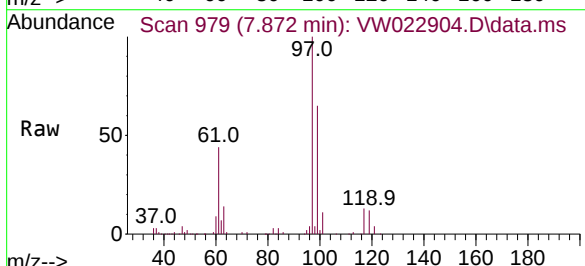
Tgt Ion: 97 Resp: 116568

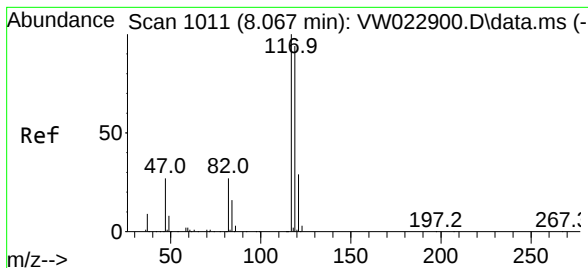
Ion Ratio Lower Upper

97 100

99 65.3 51.0 76.4

61 45.1 34.8 52.2

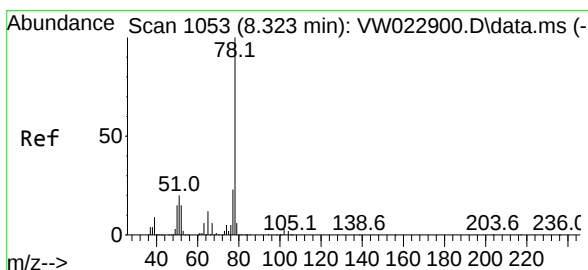
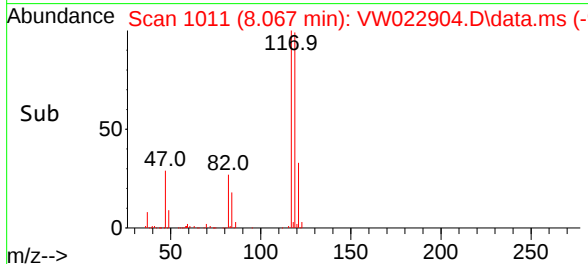
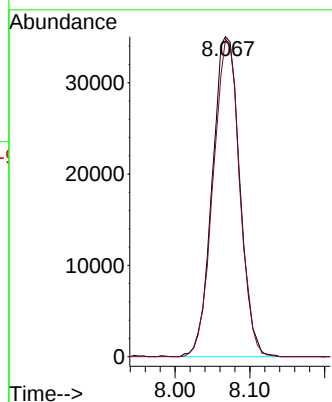
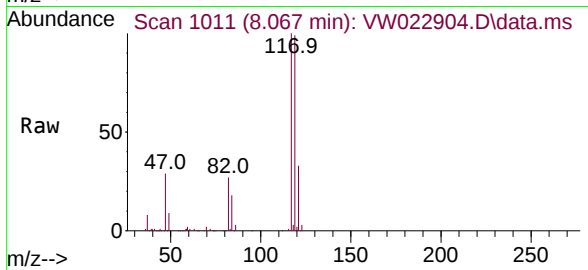




#31
Carbon tetrachloride
Concen: 20.440 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

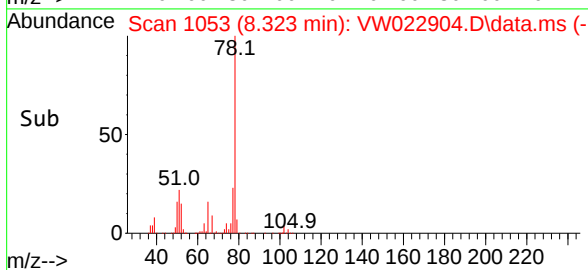
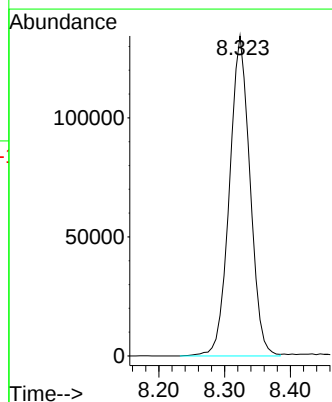
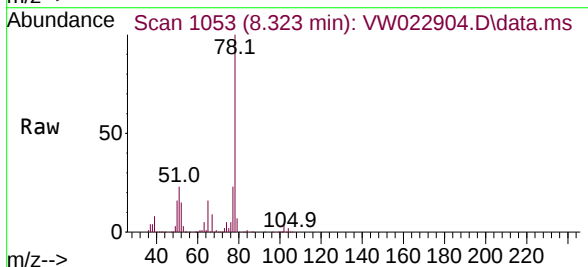
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

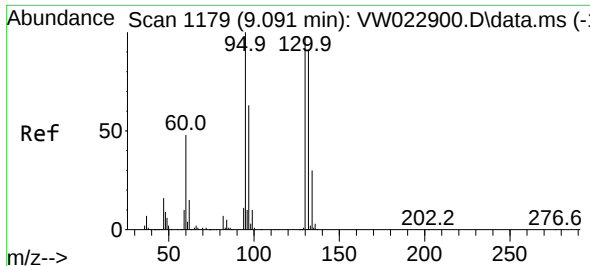
Tgt Ion:117 Resp: 89271
Ion Ratio Lower Upper
117 100
119 96.3 76.6 115.0



#33
Benzene
Concen: 25.145 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion: 78 Resp: 292665





#34

Trichloroethene

Concen: 22.495 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

Tgt Ion: 95 Resp: 72003

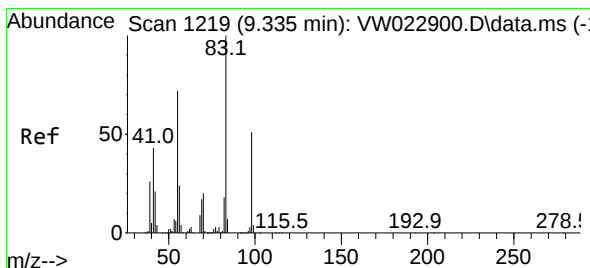
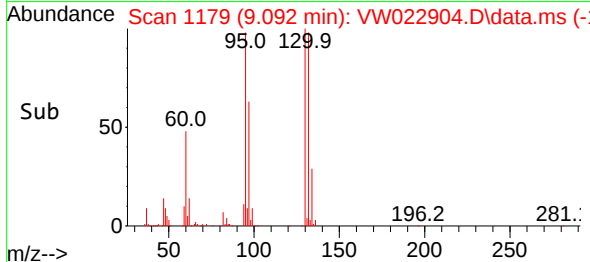
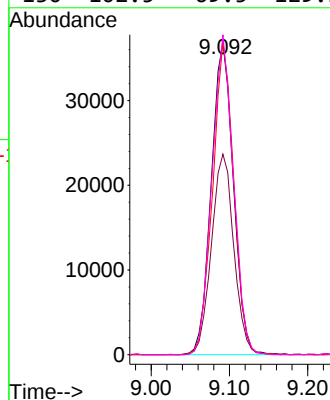
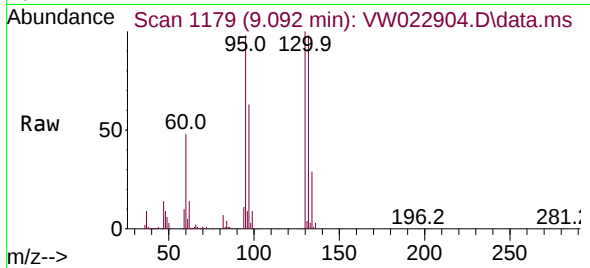
Ion Ratio Lower Upper

95 100

97 64.2 46.1 85.7

132 100.1 66.9 124.3

130 102.5 69.5 129.1



#35

Methylcyclohexane

Concen: 11.774 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

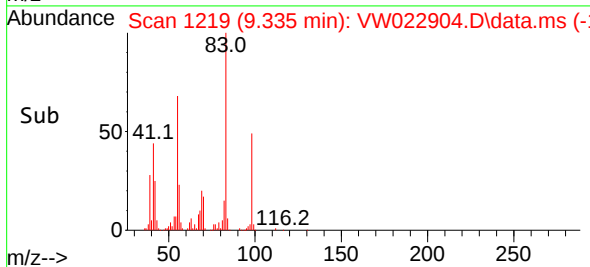
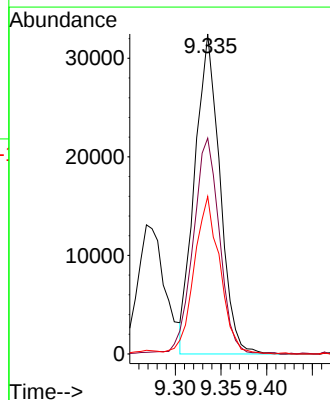
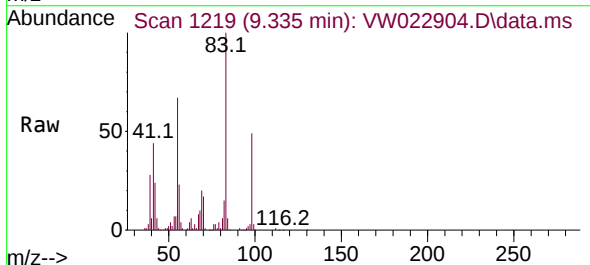
Tgt Ion: 83 Resp: 61912

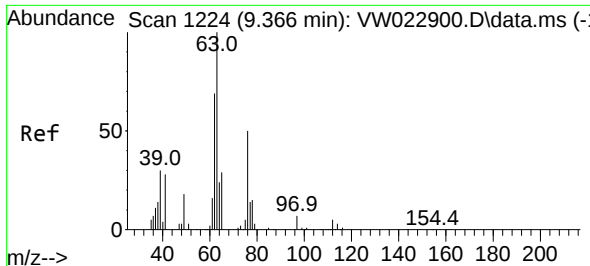
Ion Ratio Lower Upper

83 100

55 69.7 55.1 82.7

98 50.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.453 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

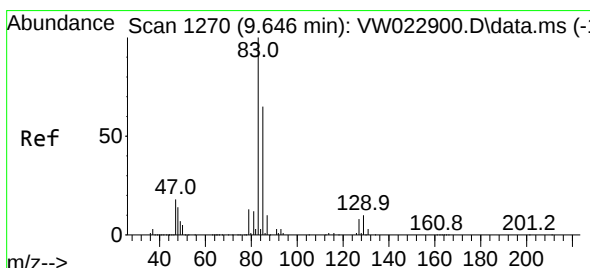
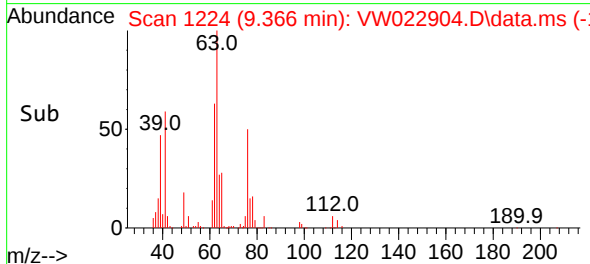
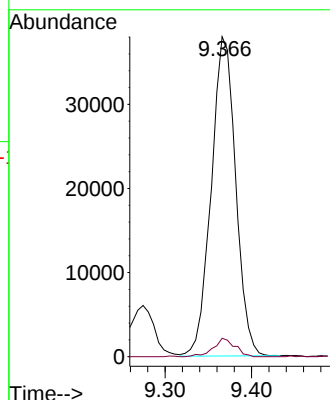
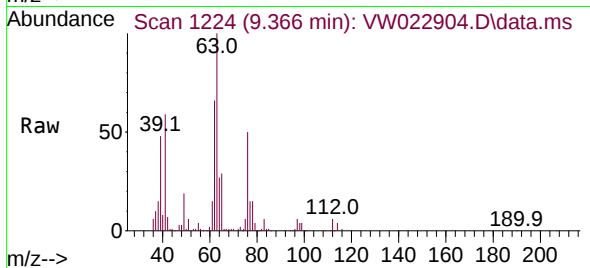
EW2X5MSD

Tgt Ion: 63 Resp: 74508

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 23.937 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

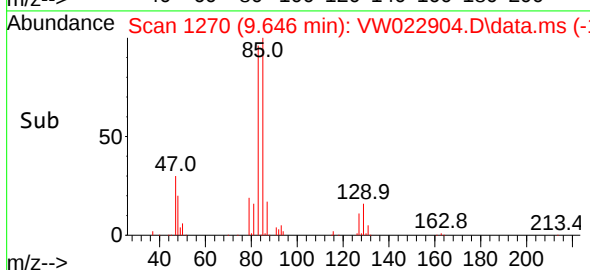
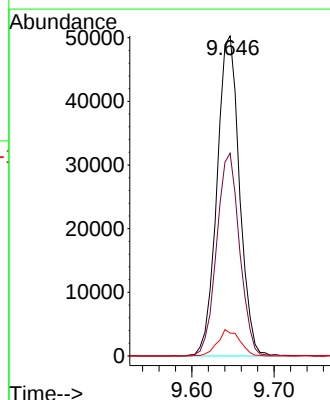
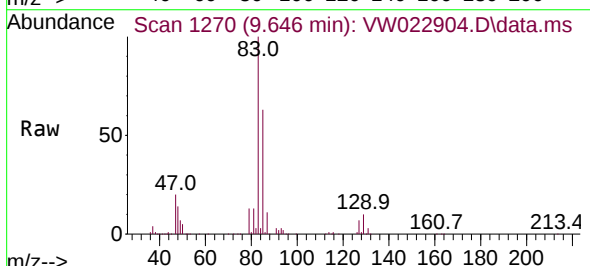
Tgt Ion: 83 Resp: 95763

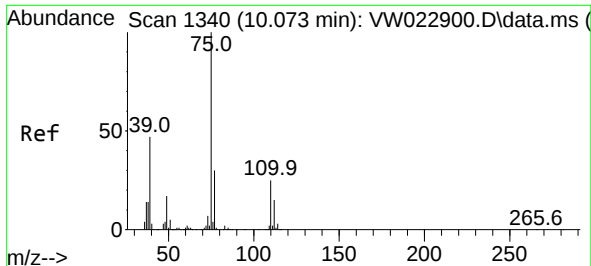
Ion Ratio Lower Upper

83 100

85 63.3 43.5 80.7

127 7.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 22.381 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

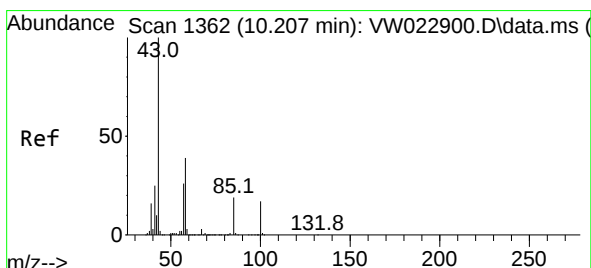
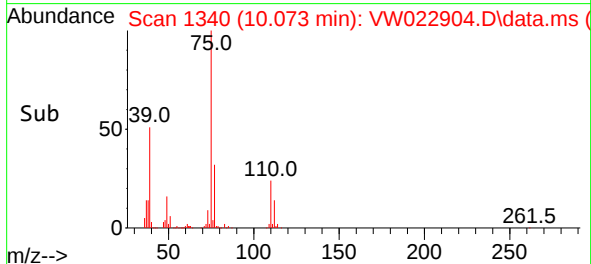
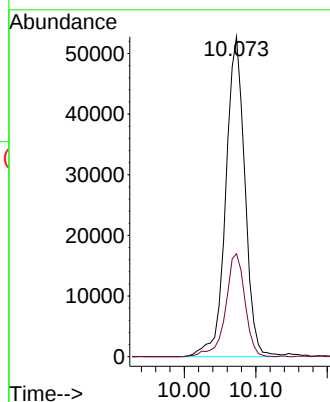
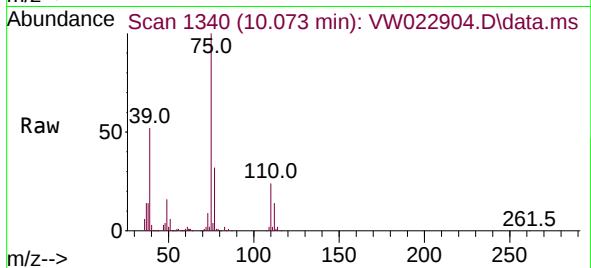
EW2X5MSD

Tgt Ion: 75 Resp: 97746

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 60.228 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

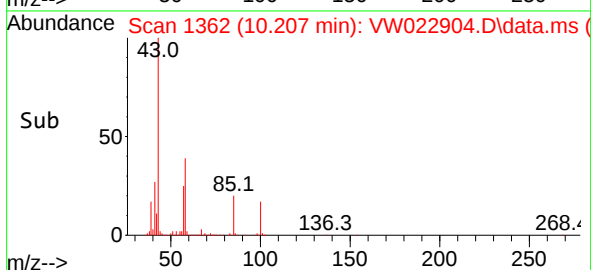
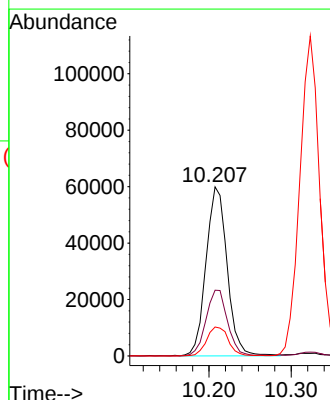
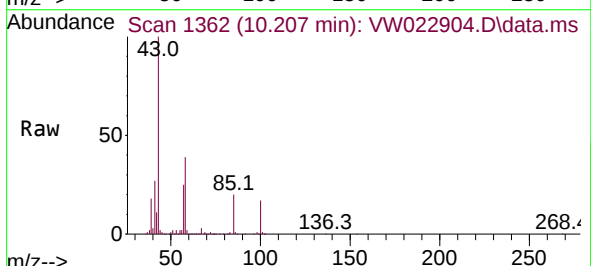
Tgt Ion: 43 Resp: 106922

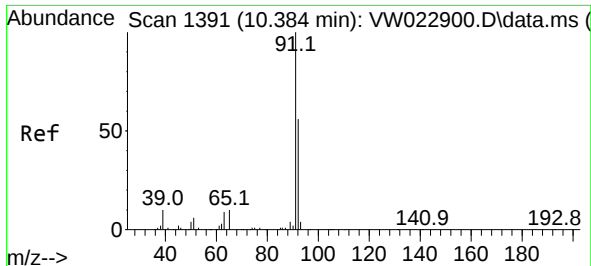
Ion Ratio Lower Upper

43 100

58 39.7 31.4 47.2

100 17.7 14.2 21.4

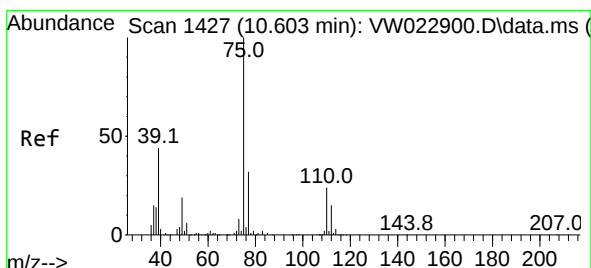
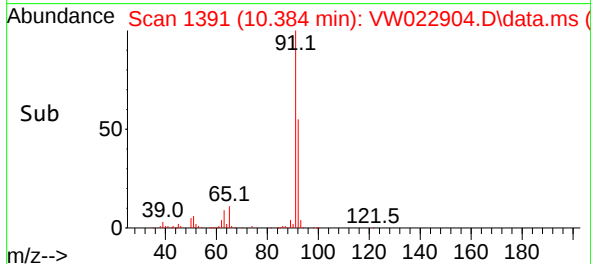
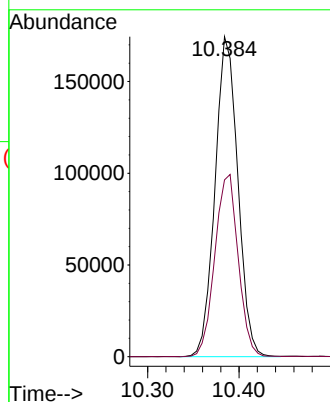
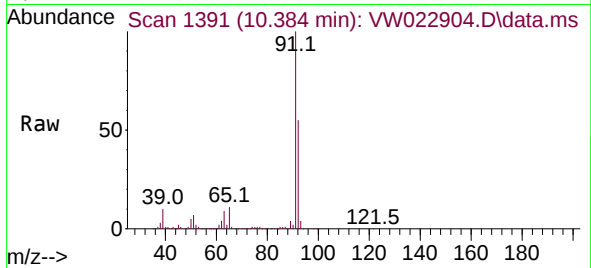




#42
Toluene
Concen: 23.205 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

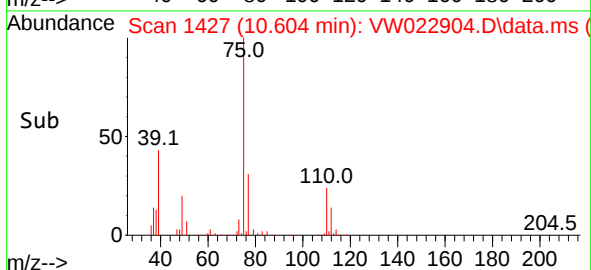
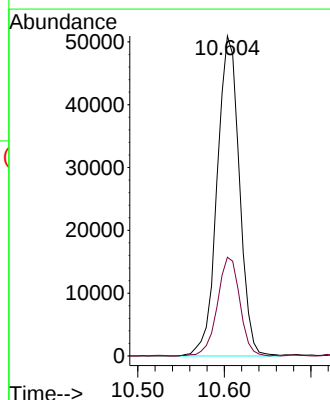
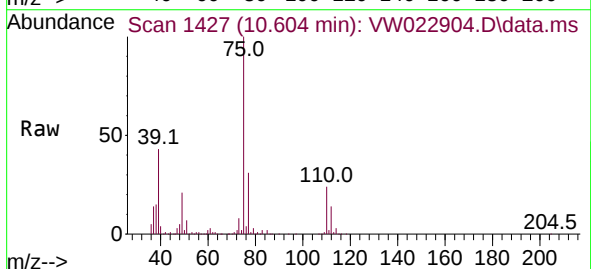
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

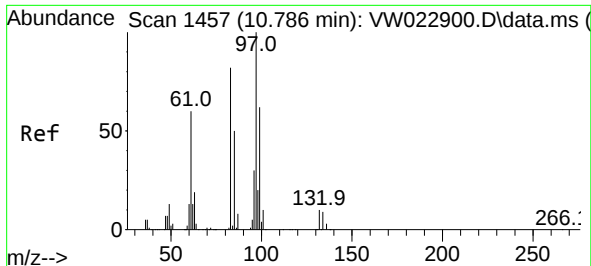
Tgt Ion: 91 Resp: 302675
Ion Ratio Lower Upper
91 100
92 55.3 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 23.318 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion: 75 Resp: 90895
Ion Ratio Lower Upper
75 100
77 30.8 22.0 40.8

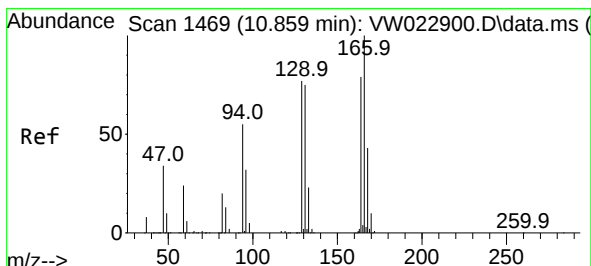
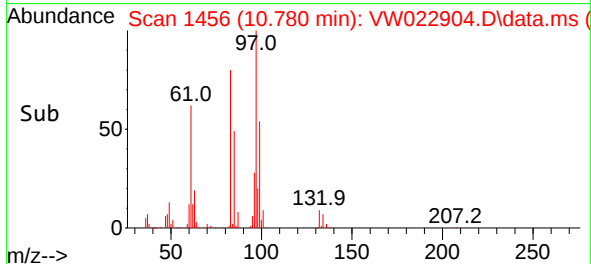
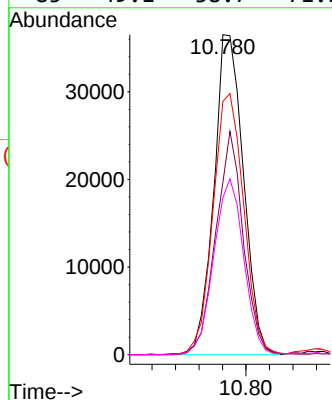
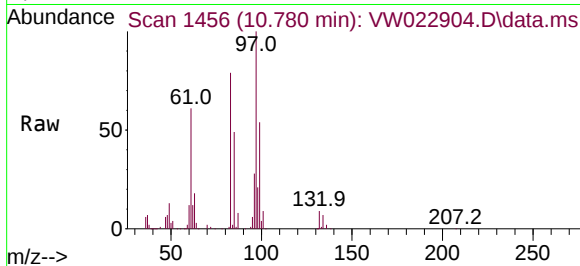




#45
1,1,2-Trichloroethane
Concen: 27.138 ug/L
RT: 10.780 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

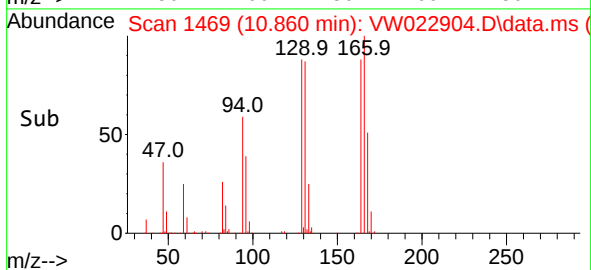
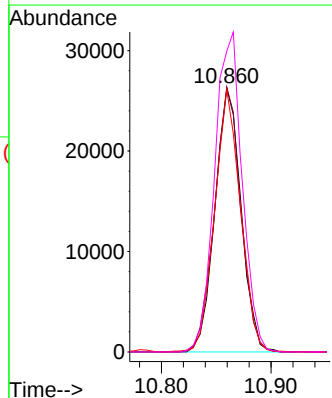
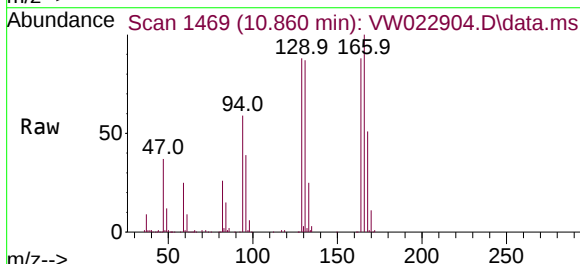
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

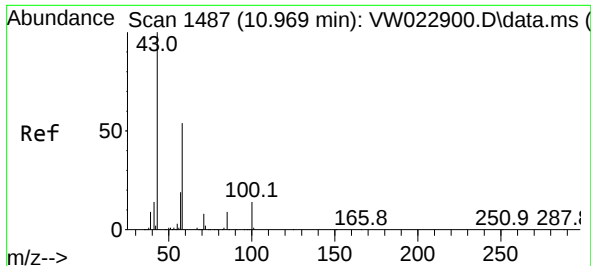
Tgt Ion: 97	Resp: 63897
Ion Ratio	Lower Upper
97 100	
99 53.9	44.7 82.9
83 79.2	58.4 108.4
85 49.1	38.7 71.9



#46
Tetrachloroethene
Concen: 18.085 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt	Ion:164	Resp:	43504
Ion	Ratio	Lower	Upper
164	100		
129	100.5	76.9	142.7
131	99.4	75.1	139.5
166	114.0	96.0	178.2

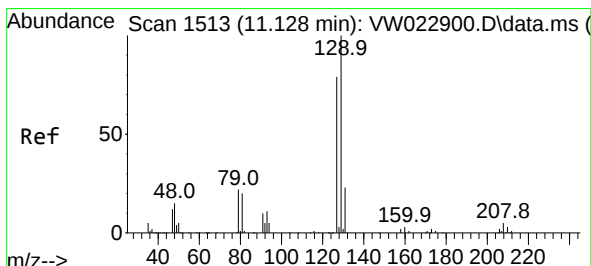
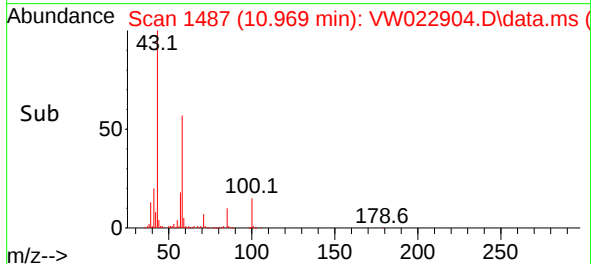
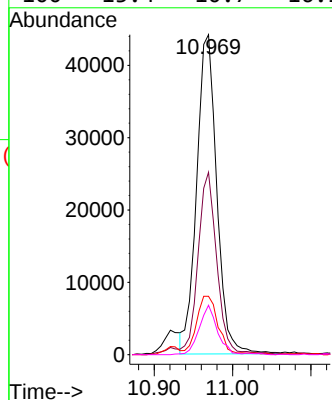
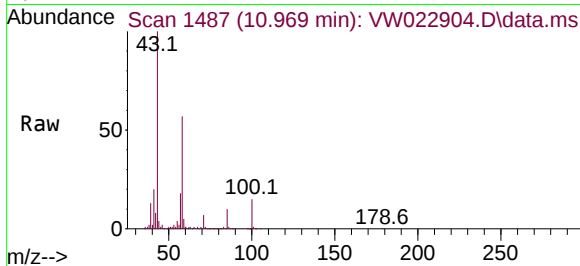




#48
2-Hexanone
Concen: 66.624 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

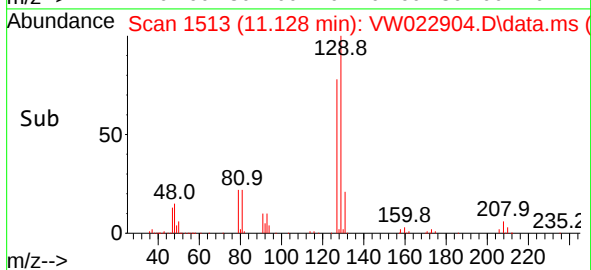
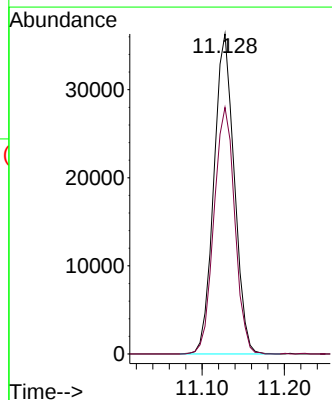
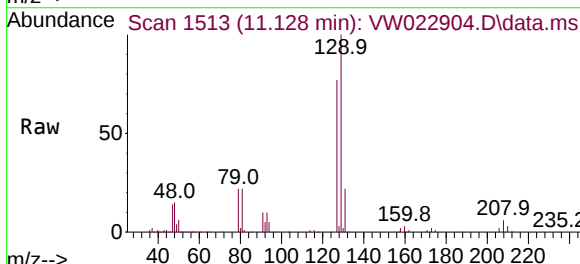
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

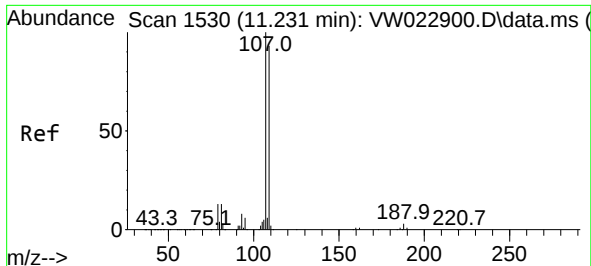
Tgt Ion:	43	Resp:	79027
Ion	Ratio	Lower	Upper
43	100		
58	50.3	45.9	68.9
57	18.2	16.2	24.2
100	13.4	10.7	16.1



#49
Dibromochloromethane
Concen: 22.090 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion:	129	Resp:	62600
Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.8	100.0

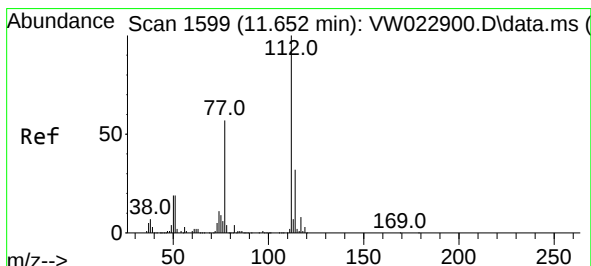
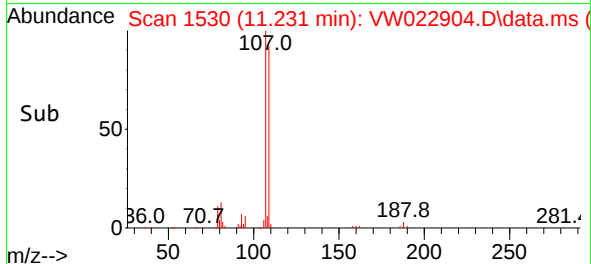
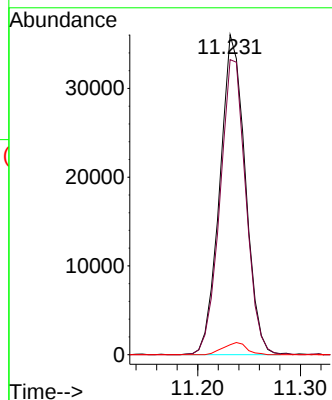
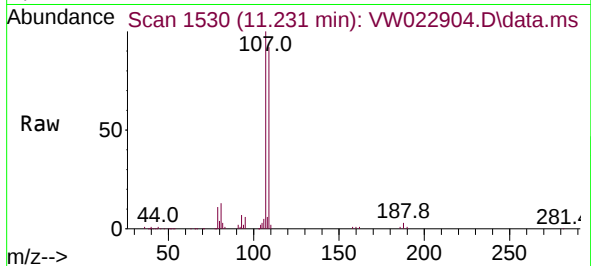




#50
1,2-Dibromoethane
Concen: 26.219 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

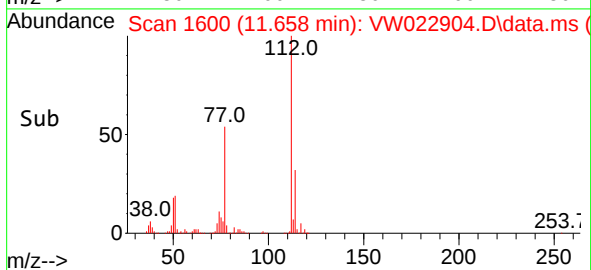
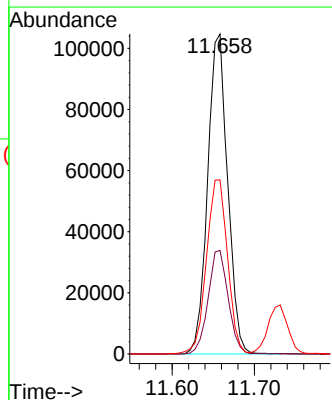
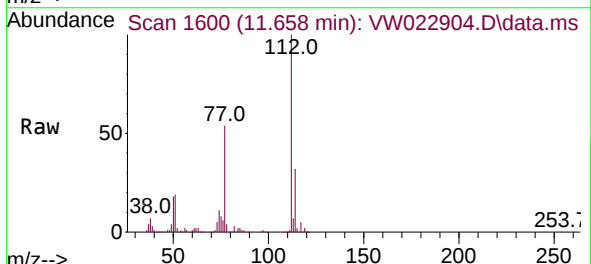
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

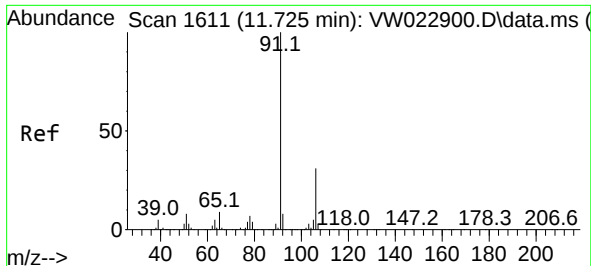
Tgt Ion:107 Resp: 61988
Ion Ratio Lower Upper
107 100
109 92.2 67.5 125.4
188 3.1 2.9 4.3



#51
Chlorobenzene
Concen: 20.525 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion:112 Resp: 176495
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 54.4 42.6 63.8

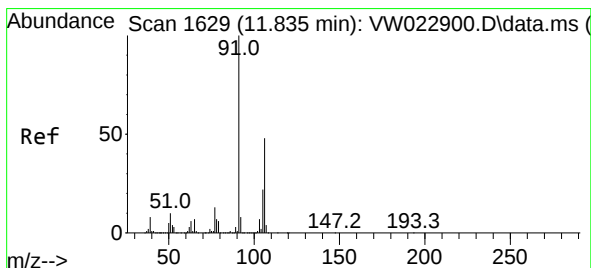
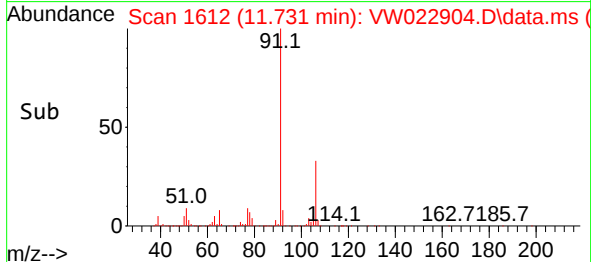
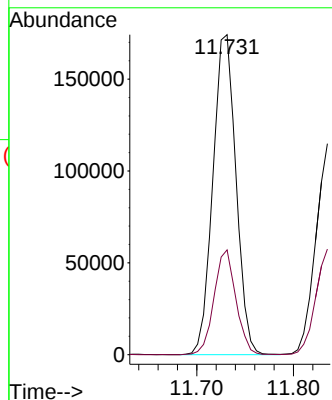
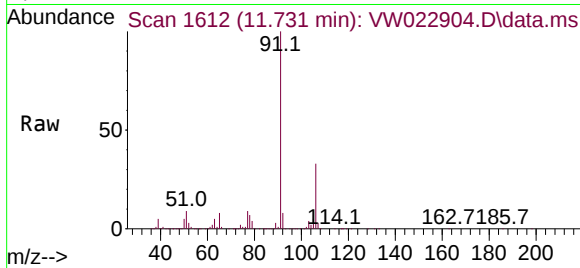




#52
Ethylbenzene
Concen: 19.944 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

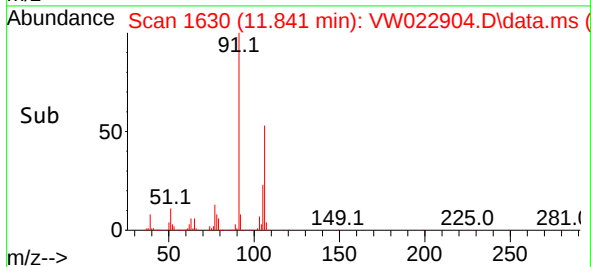
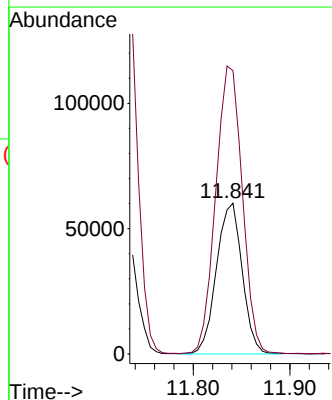
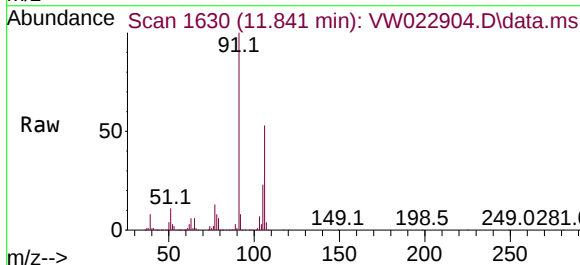
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

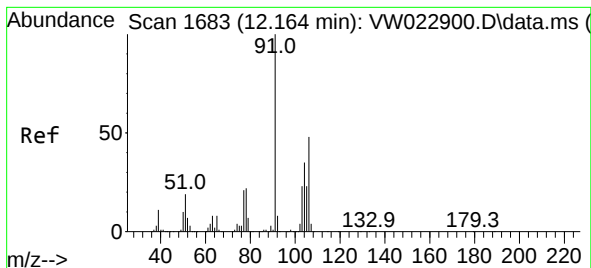
Tgt Ion: 91 Resp: 289418
Ion Ratio Lower Upper
91 100
106 32.8 22.3 41.3



#53
m,p-Xylene
Concen: 19.442 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion: 106 Resp: 111163
Ion Ratio Lower Upper
106 100
91 187.9 136.8 254.0





#54

o-Xylene

Concen: 19.588 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

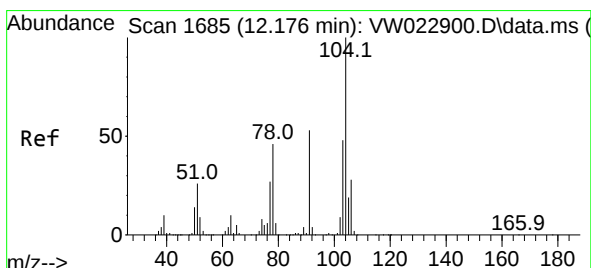
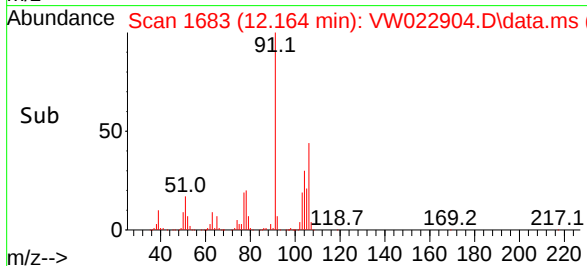
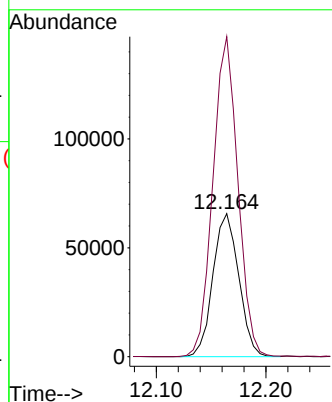
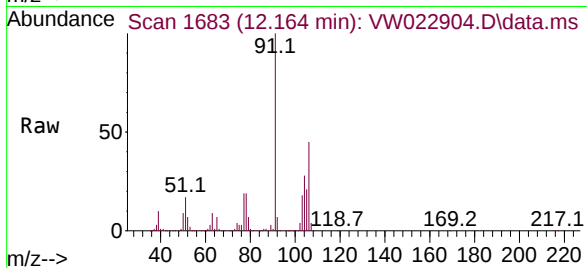
EW2X5MSD

Tgt Ion:106 Resp: 107476

Ion Ratio Lower Upper

106 100

91 223.8 147.2 273.4



#55

Styrene

Concen: 17.731 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022904.D

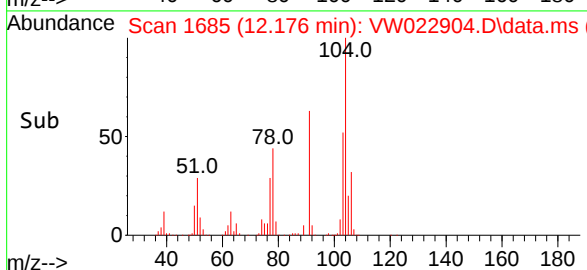
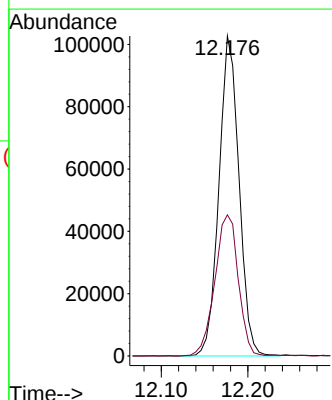
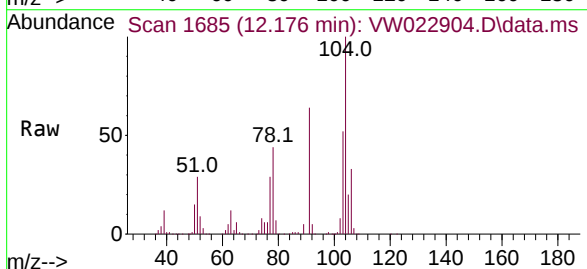
Acq: 06 May 2022 21:44

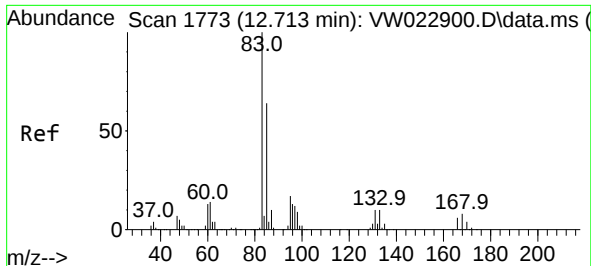
Tgt Ion:104 Resp: 165313

Ion Ratio Lower Upper

104 100

78 44.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.637 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

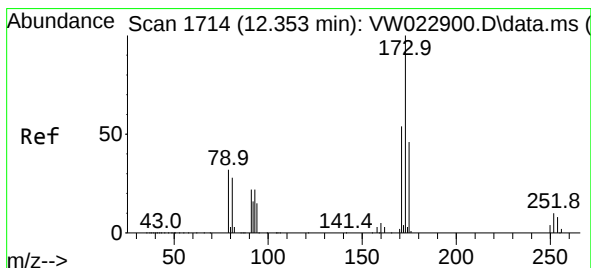
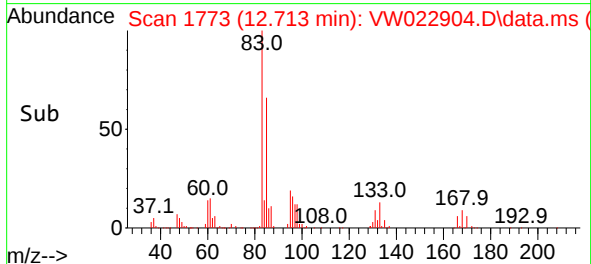
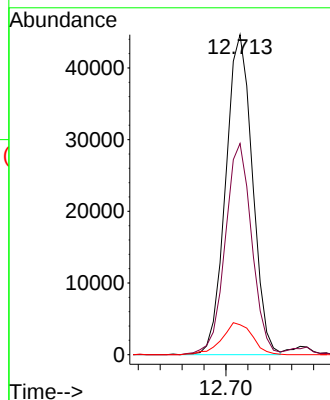
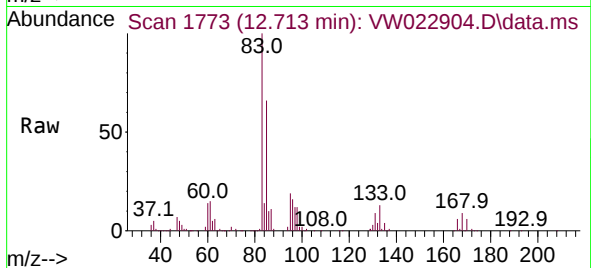
Tgt Ion: 83 Resp: 75395

Ion Ratio Lower Upper

83 100

85 66.0 47.5 88.1

131 9.3 8.7 13.1



#59

Bromoform

Concen: 30.324 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

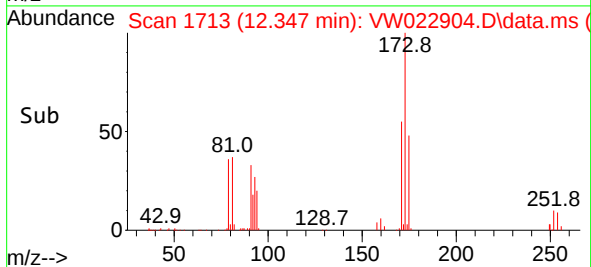
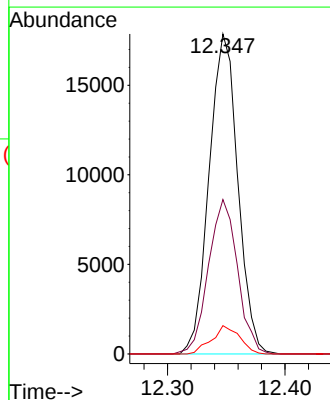
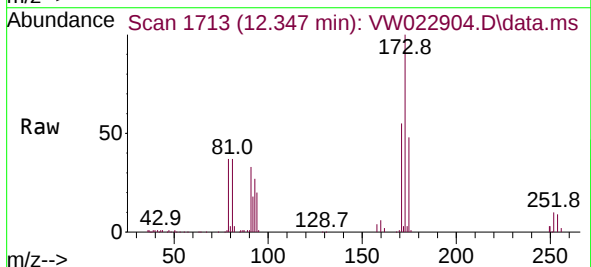
Tgt Ion: 173 Resp: 30352

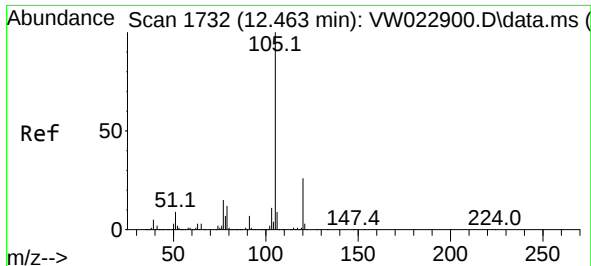
Ion Ratio Lower Upper

173 100

175 48.8 38.1 57.1

254 8.6 6.5 9.7

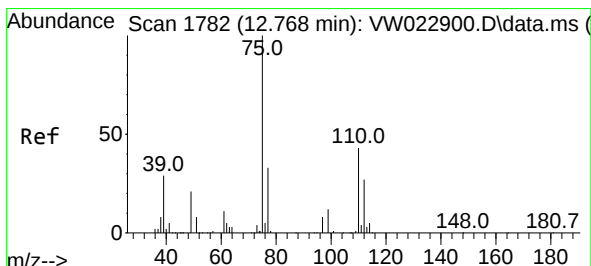
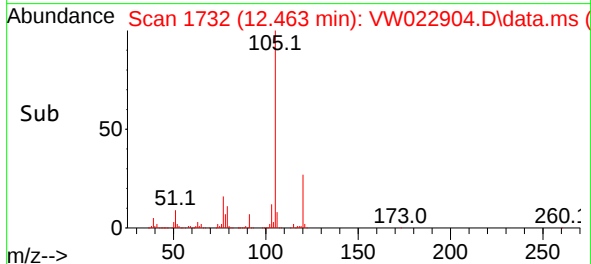
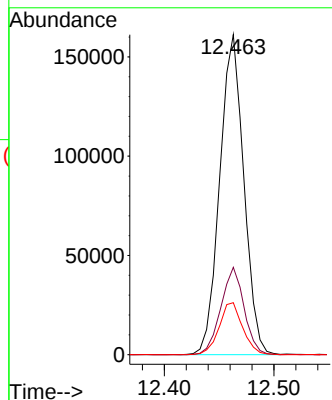
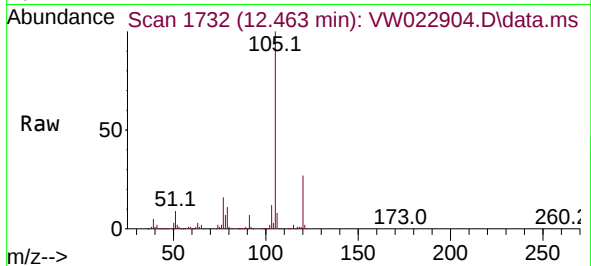




#60
Isopropylbenzene
Concen: 25.440 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

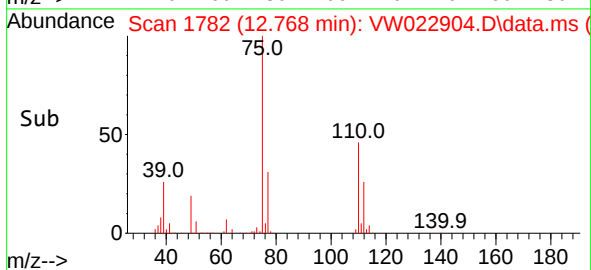
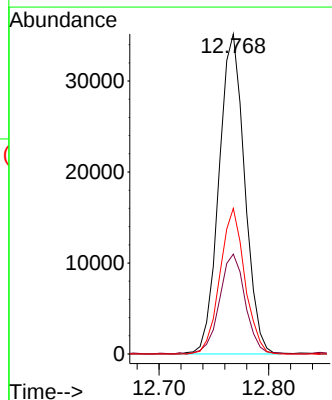
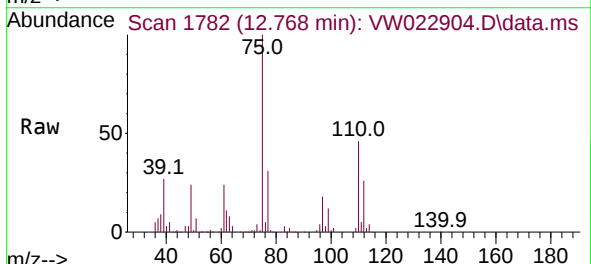
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

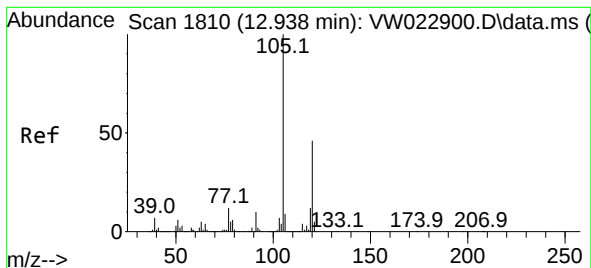
Tgt Ion:105 Resp: 246145
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 40.560 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion: 75 Resp: 57238
Ion Ratio Lower Upper
75 100
77 31.2 26.2 39.2
110 43.8 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 21.812 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

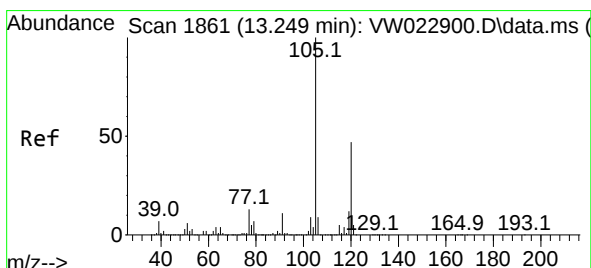
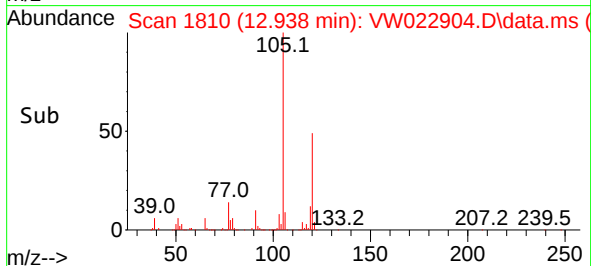
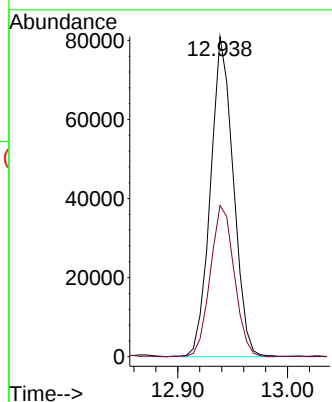
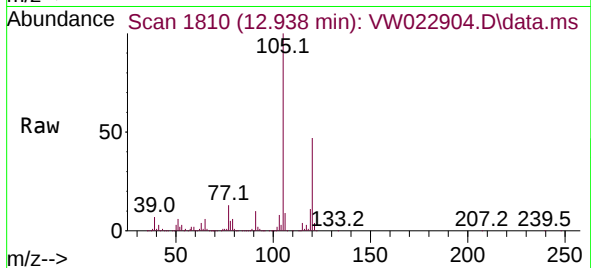
EW2X5MSD

Tgt Ion:105 Resp: 117413

Ion Ratio Lower Upper

105 100

120 49.5 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 22.039 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022904.D

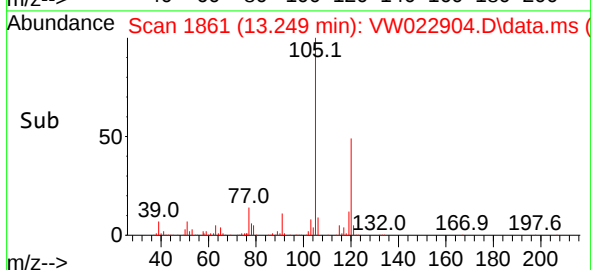
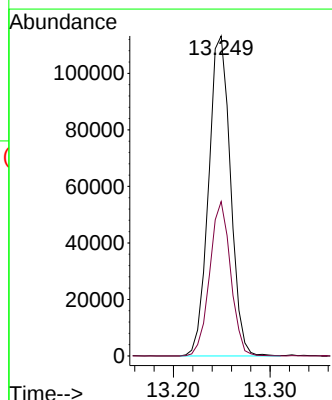
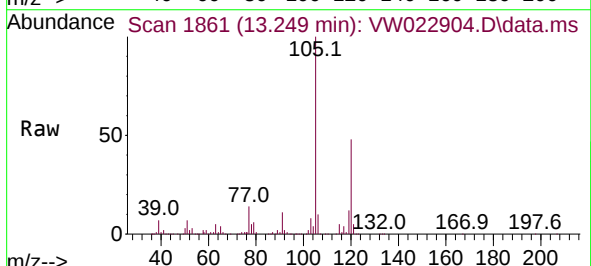
Acq: 06 May 2022 21:44

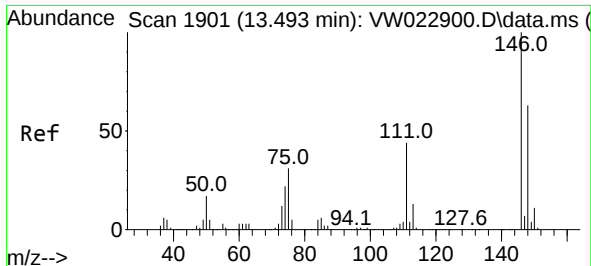
Tgt Ion:105 Resp: 178133

Ion Ratio Lower Upper

105 100

120 46.1 37.4 56.2

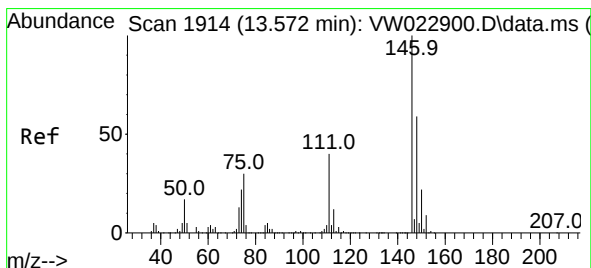
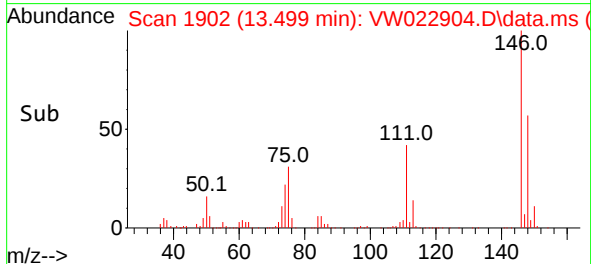
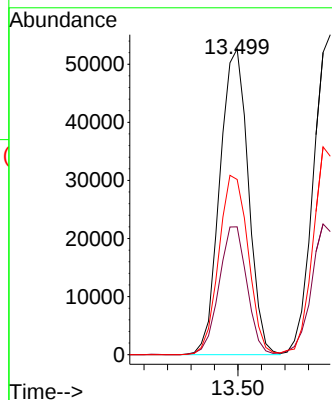
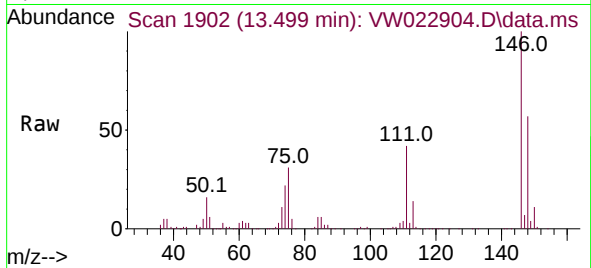




#64
1,3-Dichlorobenzene
Concen: 20.533 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

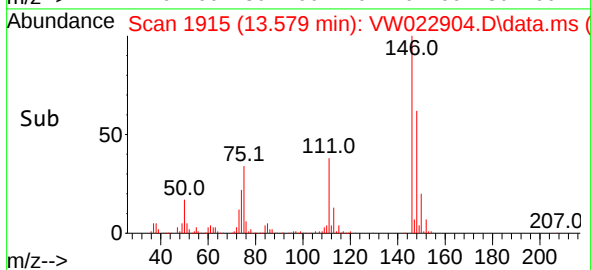
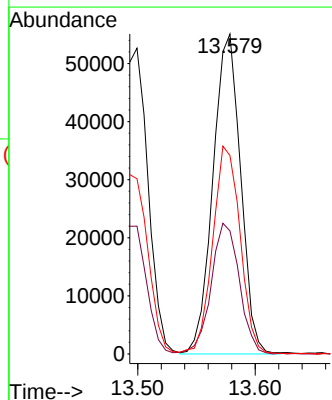
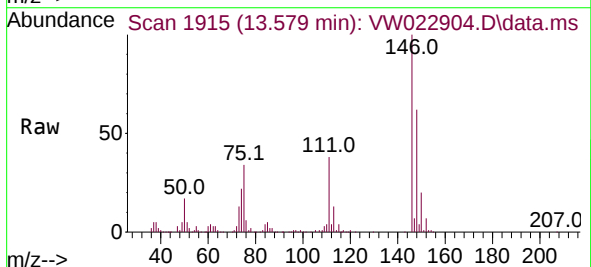
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

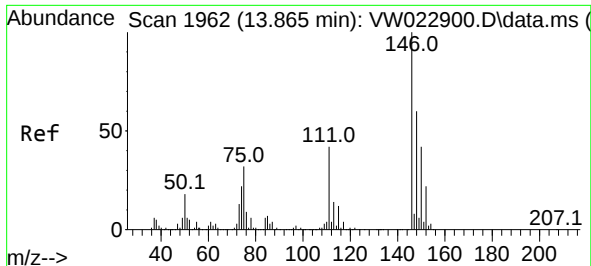
Tgt Ion:146 Resp: 88700
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.9
148 57.3 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 20.197 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion:146 Resp: 90120
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 62.0 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 20.997 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

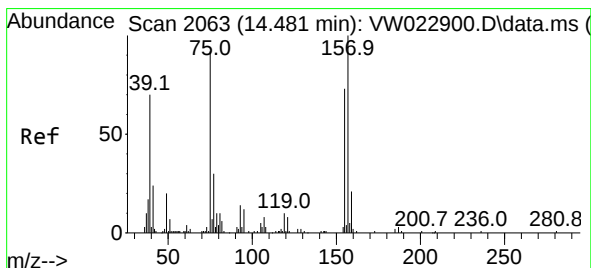
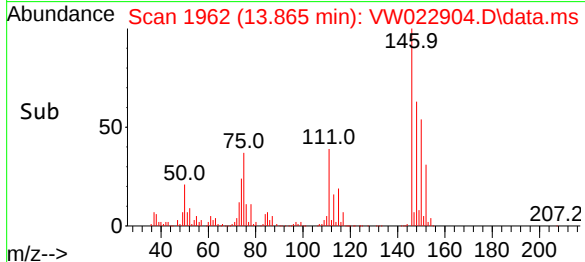
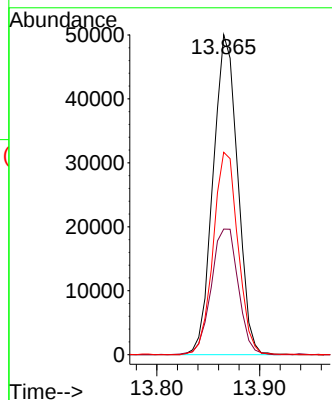
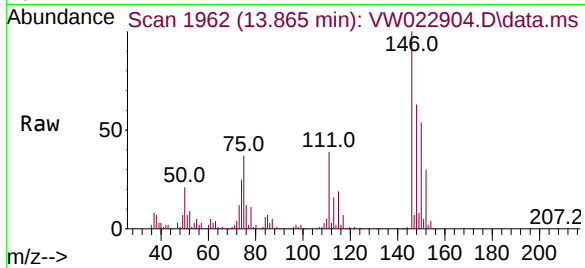
Tgt Ion:146 Resp: 83002

Ion Ratio Lower Upper

146 100

111 39.2 35.7 53.5

148 63.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 34.765 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

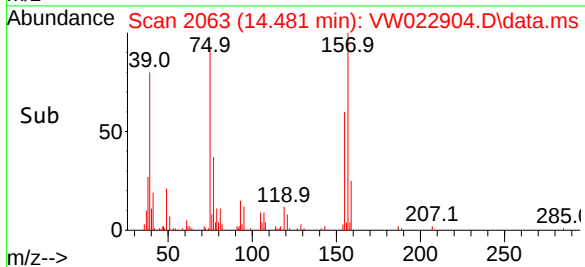
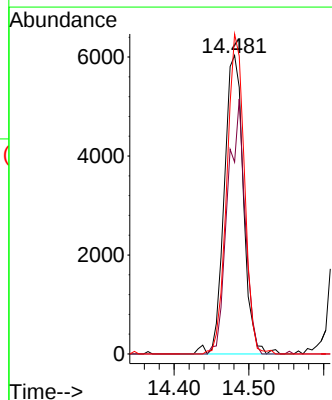
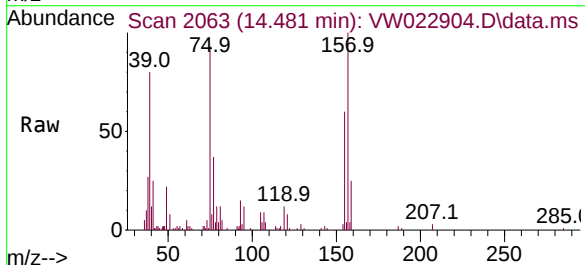
Tgt Ion: 75 Resp: 10722

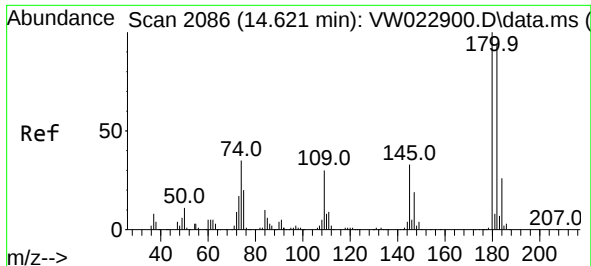
Ion Ratio Lower Upper

75 100

155 64.3 59.3 88.9

157 107.2 89.8 134.8

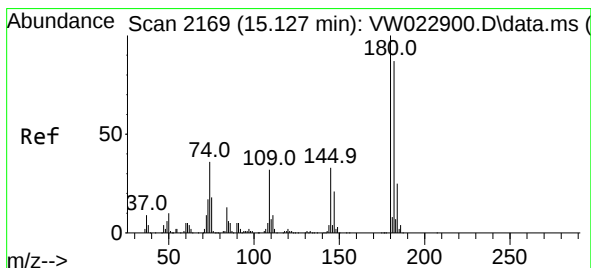
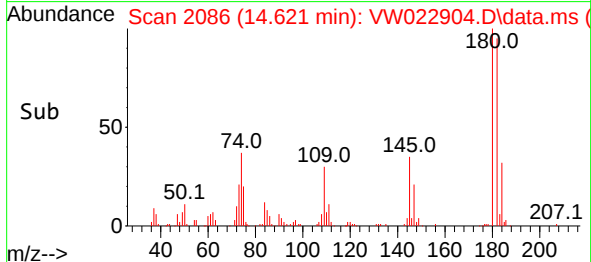
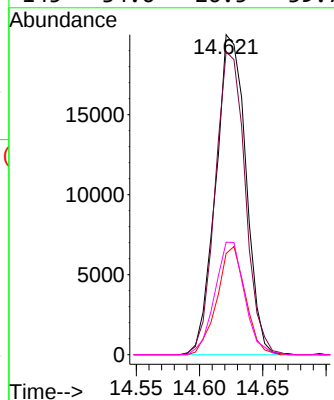
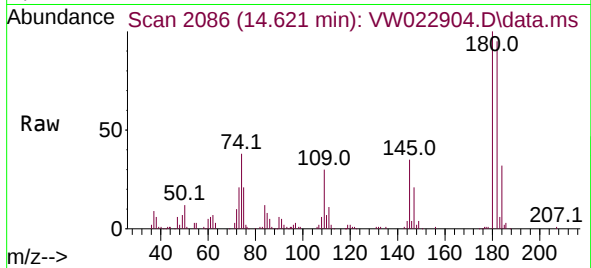




#69
1,3,5-Trichlorobenzene
Concen: 11.555 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

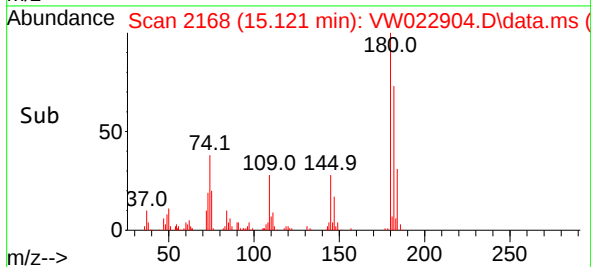
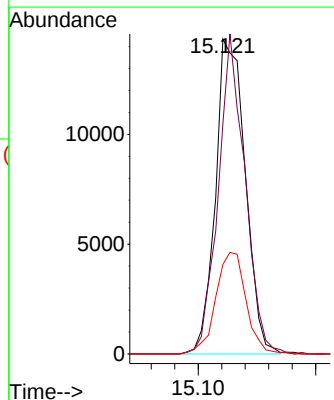
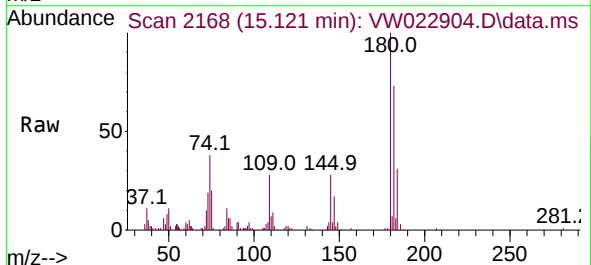
Instrument :
MSVOA_W
ClientSampleId :
EW2X5MSD

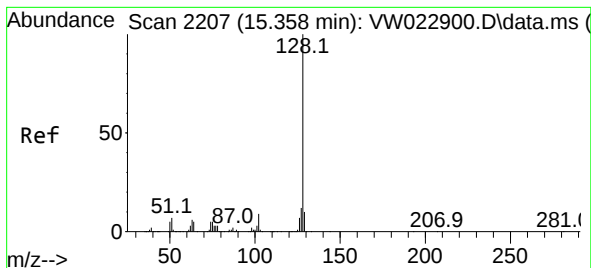
Tgt Ion:	180	Resp:	33134
Ion Ratio	Lower	Upper	
180	100		
182	94.0	74.8	112.2
184	31.8	23.4	35.2
145	34.6	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 10.973 ug/L
RT: 15.121 min Scan# 2168
Delta R.T. -0.006 min
Lab File: VW022904.D
Acq: 06 May 2022 21:44

Tgt Ion:	180	Resp:	25311
Ion Ratio	Lower	Upper	
180	100		
182	90.6	74.9	112.3
145	32.7	26.6	39.8





#71

Naphthalene

Concen: 16.195 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

EW2X5MSD

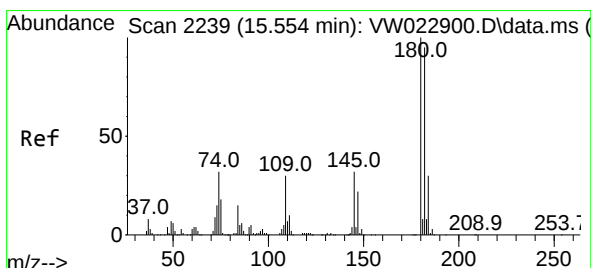
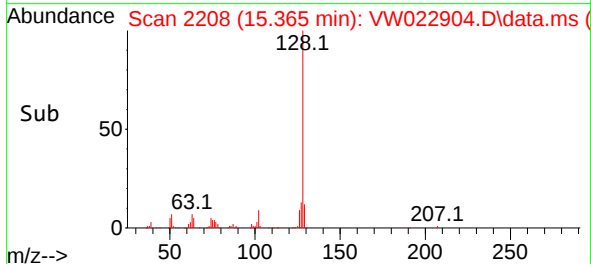
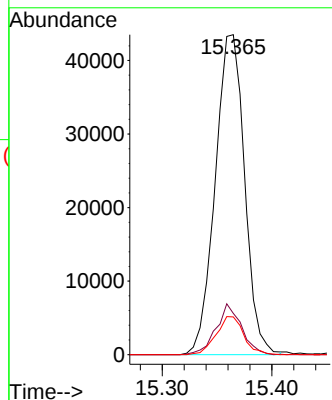
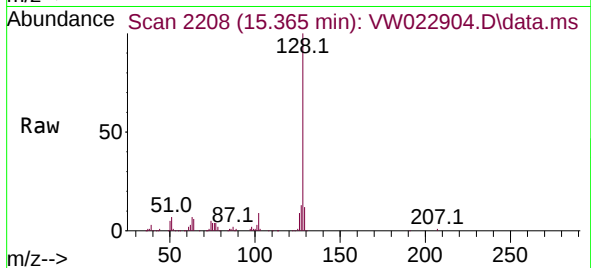
Tgt Ion:128 Resp: 81191

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 10.611 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW022904.D

Acq: 06 May 2022 21:44

Tgt Ion:180 Resp: 21693

Ion Ratio Lower Upper

180 100

182 89.2 73.5 110.3

145 34.5 27.9 41.9

