

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101422\
 Data File : VW024934.D
 Acq On : 14 Oct 2022 16:20
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 15 00:18:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 15 00:14:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	447673	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	416945	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	206175	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	108766	20.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.360%
7) Chloroethane-d5	2.885	69	66981	21.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	4.025	63	264028	22.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.960%
21) 2-Butanone-d5	7.079	46	84559	50.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.060%
24) Chloroform-d	7.646	84	307334	24.340	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	8.305	65	162230	24.549	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.274	84	615637	23.546	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	9.274	67	194111	24.206	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	10.323	98	551309	23.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.960%
43) trans-1,3-Dichloroprop...	10.579	79	74898	24.626	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.520%
47) 2-Hexanone-d5	10.920	63	68111	50.660	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	154687	24.735	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	169501	22.497	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	41770	20.855	ug/L	97
3) Chloromethane	2.214	50	121161	25.973	ug/L	98
5) Vinyl chloride	2.361	62	171595	26.962	ug/L	99
6) Bromomethane	2.775	94	80333	25.988	ug/L	98
8) Chloroethane	2.922	64	69235	26.109	ug/L	99
9) Trichlorofluoromethane	3.257	101	89835	28.536	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	165385	25.802	ug/L	97
12) 1,1-Dichloroethene	4.043	96	161197	26.578	ug/L	88
13) Acetone	4.129	43	57310	48.940	ug/L	99
14) Carbon disulfide	4.385	76	528160	26.660	ug/L	99
15) Methyl Acetate	4.671	43	81695	28.666	ug/L	100
16) Methylene chloride	4.921	84	189045	23.917	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	186780	28.292	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	292813	29.847	ug/L	100
19) 1,1-Dichloroethane	6.214	63	349560	28.620	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	202842	28.429	ug/L	97
22) 2-Butanone	7.171	43	103573	53.018	ug/L	99
23) Bromochloromethane	7.512	128	86723	29.715	ug/L	99
25) Chloroform	7.677	83	346070	28.866	ug/L	98

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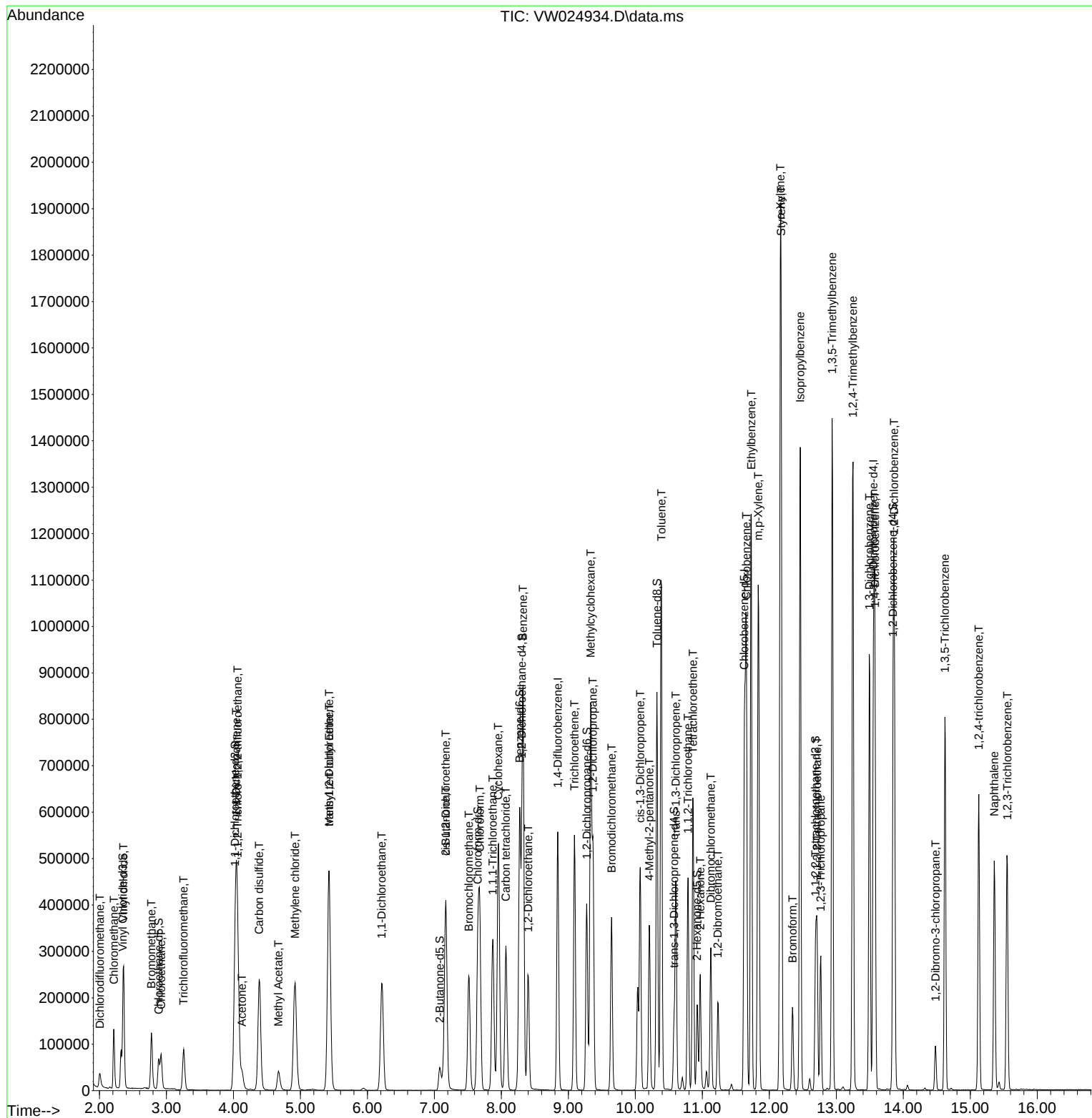
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	224446	28.952	ug/L	100
29) Cyclohexane	7.951	56	313503	25.890	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	265216	27.659	ug/L	99
31) Carbon tetrachloride	8.067	117	225910	26.833	ug/L	97
33) Benzene	8.323	78	792615	27.943	ug/L	100
34) Trichloroethene	9.091	95	197145	27.598	ug/L	99
35) Methylcyclohexane	9.335	83	336559	26.178	ug/L	99
37) 1,2-Dichloropropane	9.366	63	200920	28.422	ug/L	100
38) Bromodichloromethane	9.646	83	250150	28.640	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	292588	28.635	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	235989	56.481	ug/L	100
42) Toluene	10.390	91	821869	28.260	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	249814	29.447	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	142492	28.858	ug/L	96
46) Tetrachloroethene	10.859	164	131554	27.084	ug/L	92
48) 2-Hexanone	10.969	43	159107	56.164	ug/L	97
49) Dibromochloromethane	11.128	129	155275	28.407	ug/L	100
50) 1,2-Dibromoethane	11.231	107	133838	28.772	ug/L	99
51) Chlorobenzene	11.658	112	507742	27.778	ug/L	99
52) Ethylbenzene	11.731	91	898046	27.576	ug/L	97
53) m,p-Xylene	11.835	106	344352	27.831	ug/L	95
54) o-Xylene	12.164	106	338274	28.714	ug/L	98
55) Styrene	12.176	104	584125	28.908	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	166634	27.660	ug/L	98
59) Bromoform	12.347	173	76738	27.816	ug/L #	99
60) Isopropylbenzene	12.463	105	896017	26.942	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	122432	27.007	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	777600	27.233	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	759852	27.600	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	365162	26.960	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	355363	25.920	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	326335	27.106	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	25792	26.175	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	228453	25.833	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	181637	25.315	ug/L	96
71) Naphthalene	15.358	128	420807	27.068	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	162011	26.455	ug/L	99

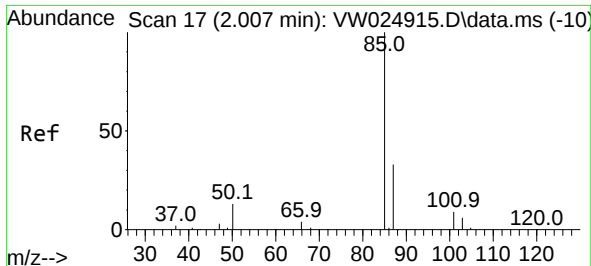
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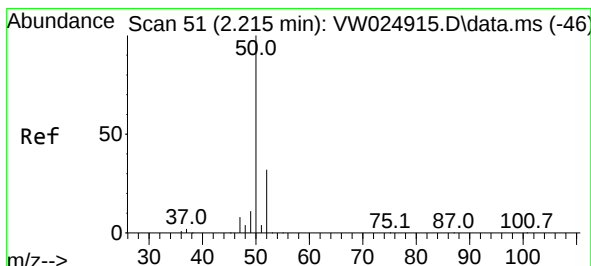
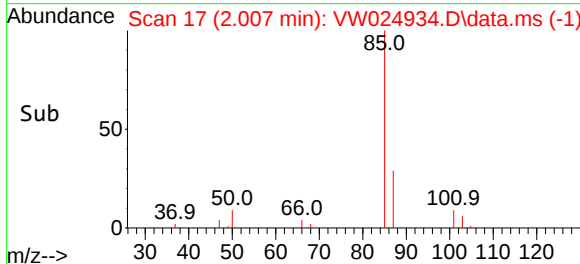
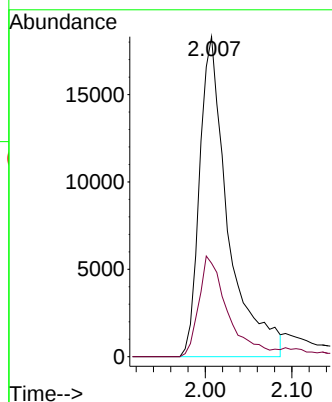
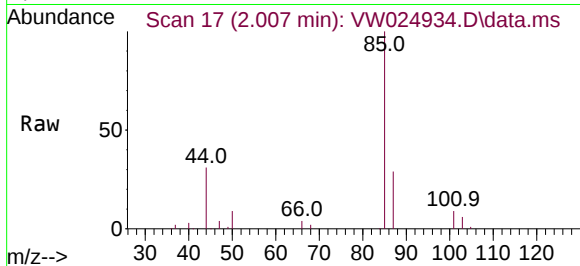




#2
 Dichlorodifluoromethane
 Concen: 20.855 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024934.D
 Acq: 14 Oct 2022 16:20

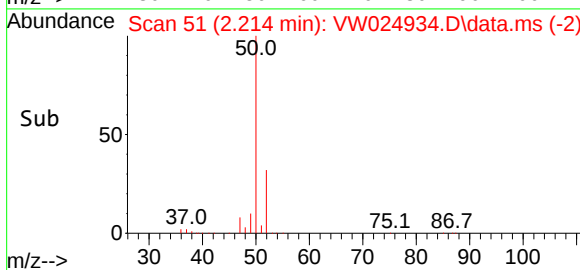
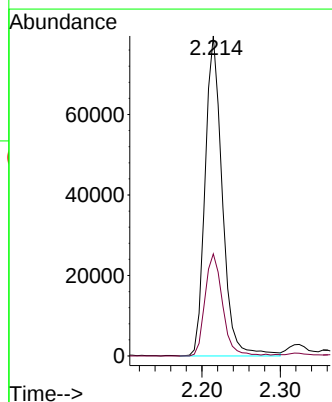
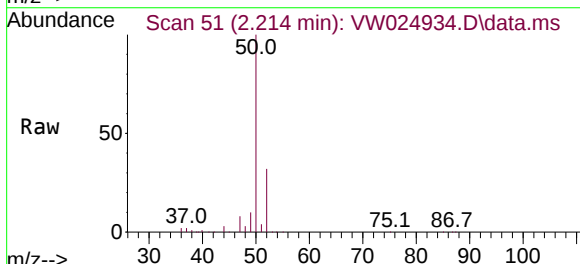
Instrument :
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 ClientSampleId :

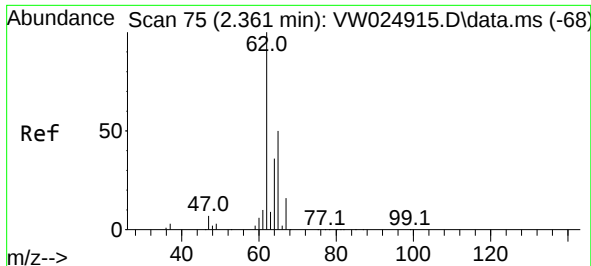
Tgt Ion: 85 Resp: 41770
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.8 40.2



#3
 Chloromethane
 Concen: 25.973 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW024934.D
 Acq: 14 Oct 2022 16:20

Tgt Ion: 50 Resp: 121161
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.1 42.9



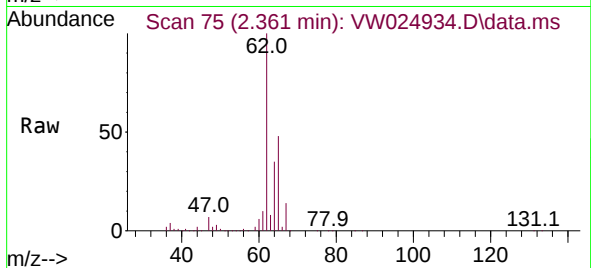


#5
 Vinyl chloride
 Concen: 26.962 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW024934.D
 Acq: 14 Oct 2022 16:20

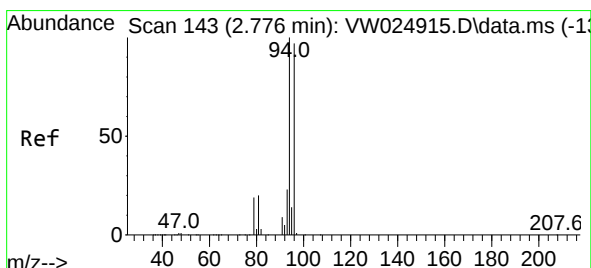
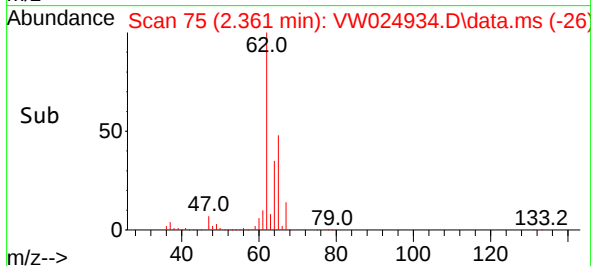
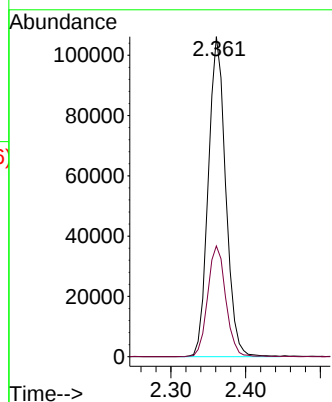
Instrument :

MSVOA_W

ClientSampleId :

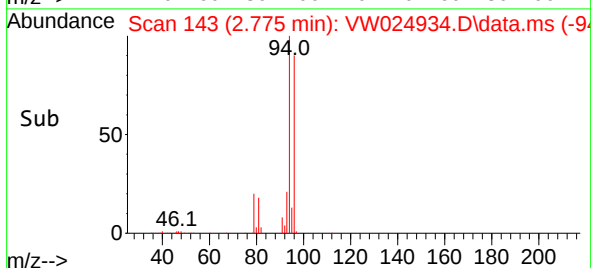
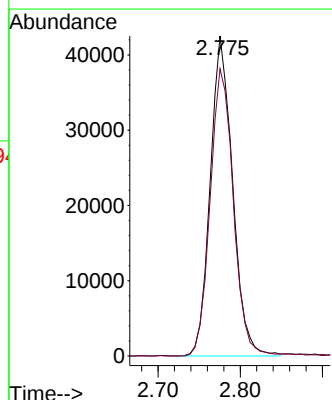
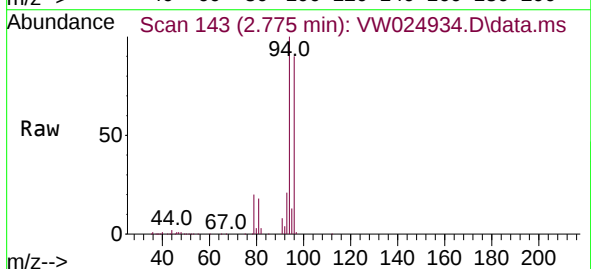


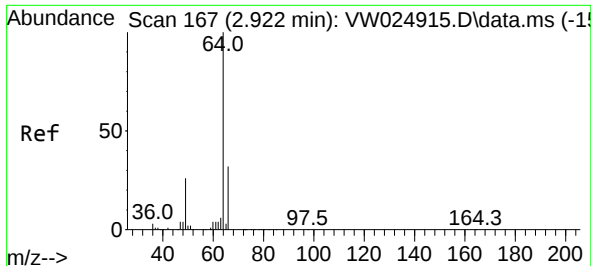
Tgt Ion: 62 Resp: 171595
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.7 45.9



#6
 Bromomethane
 Concen: 25.988 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW024934.D
 Acq: 14 Oct 2022 16:20

Tgt Ion: 94 Resp: 80333
 Ion Ratio Lower Upper
 94 100
 96 89.8 61.4 114.0

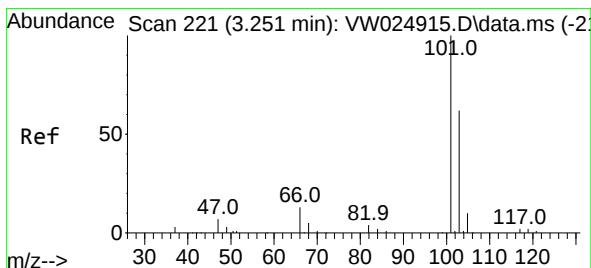
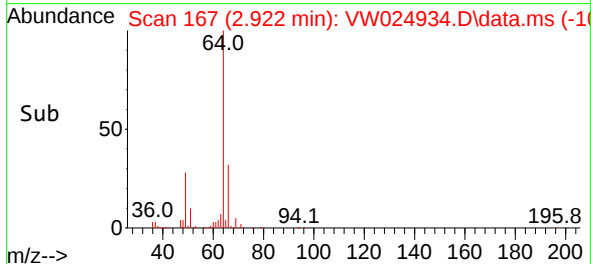
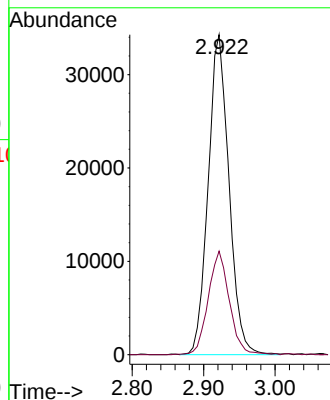
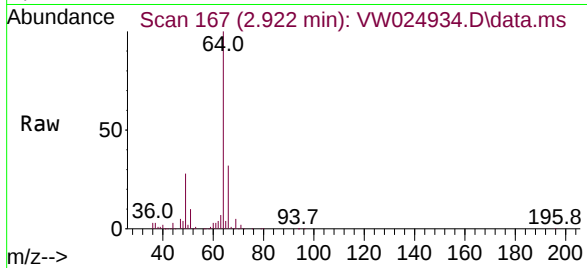




#8
Chloroethane
Concen: 26.109 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

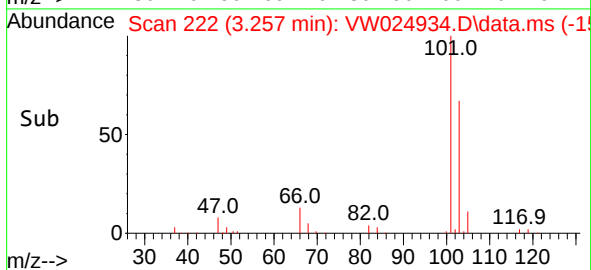
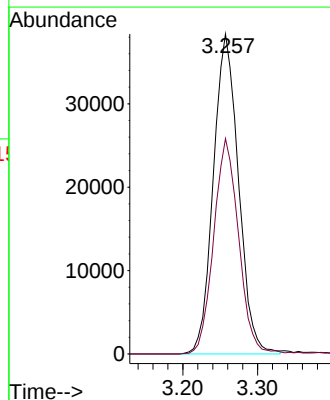
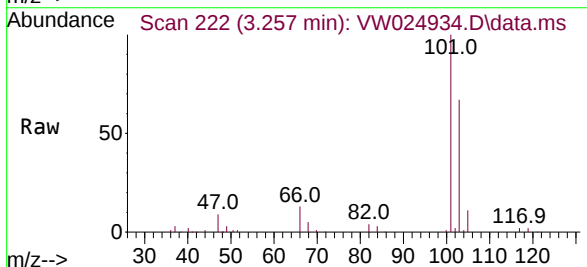
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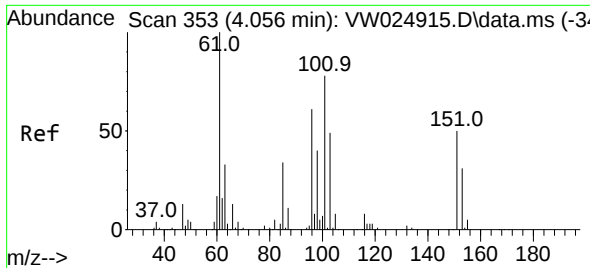
Tgt Ion: 64 Resp: 69235
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 28.536 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Tgt Ion: 101 Resp: 89835
Ion Ratio Lower Upper
101 100
103 66.6 52.9 79.3

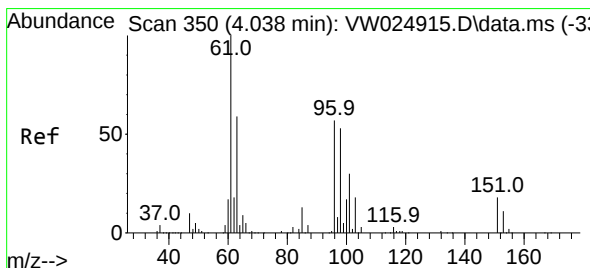
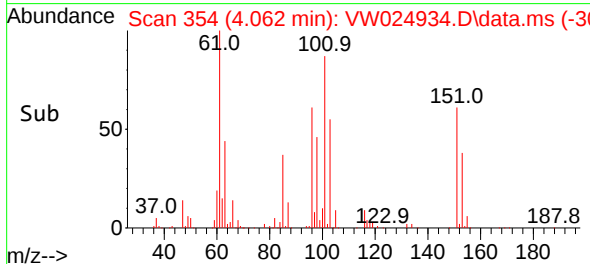
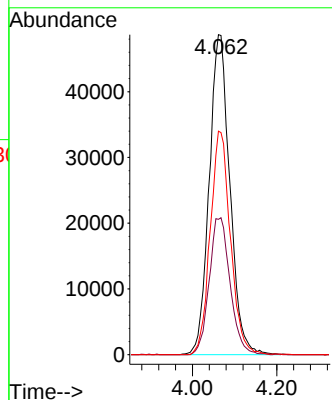
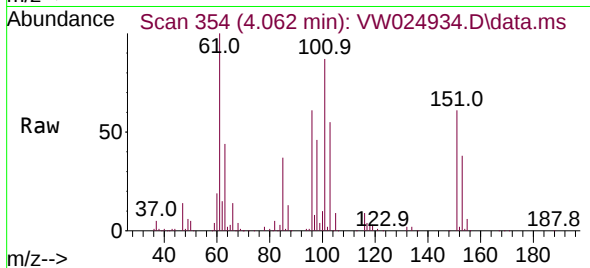




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.802 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW024934.D
 Acq: 14 Oct 2022 16:20

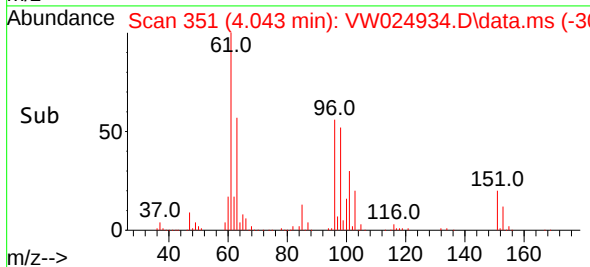
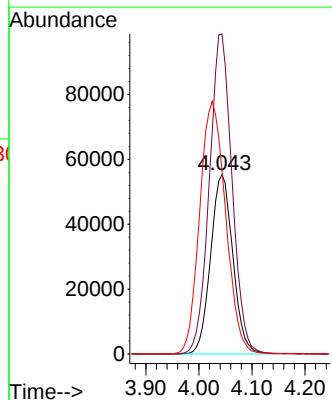
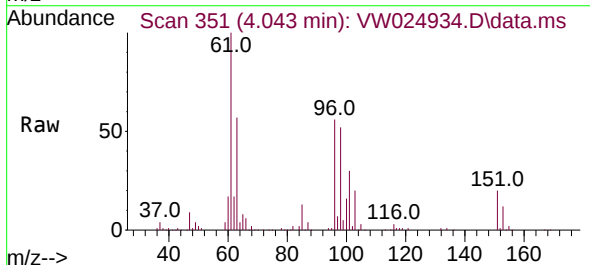
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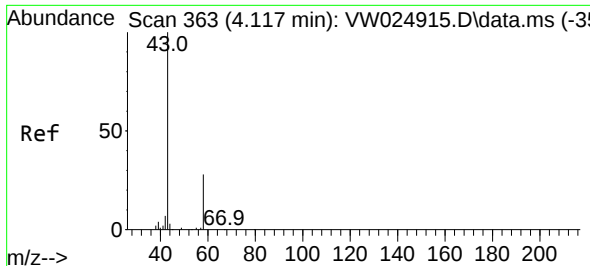
Tgt Ion:101 Resp: 165385
 Ion Ratio Lower Upper
 101 100
 85 43.3 33.6 50.4
 151 68.4 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 26.578 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW024934.D
 Acq: 14 Oct 2022 16:20

Tgt Ion: 96 Resp: 161197
 Ion Ratio Lower Upper
 96 100
 61 178.4 122.4 227.2
 63 102.5 92.1 171.1





#13

Acetone

Concen: 48.940 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

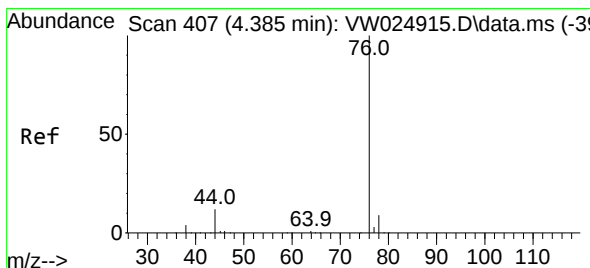
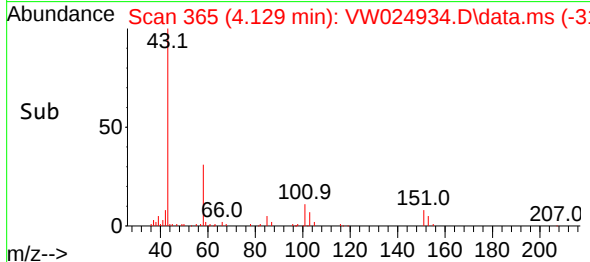
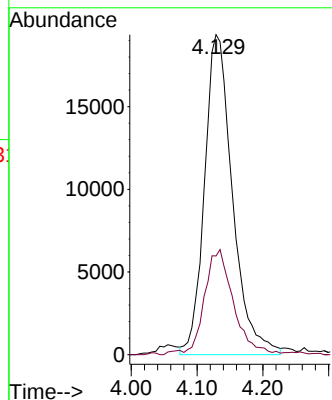
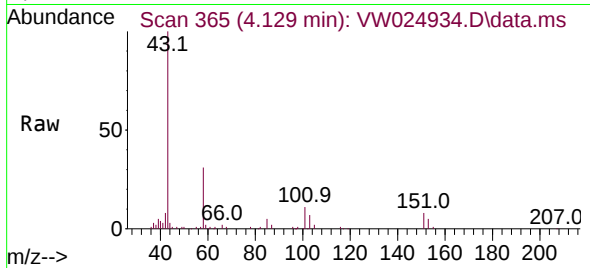
ClientSampleId :

Tgt Ion: 43 Resp: 57310

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.2



#14

Carbon disulfide

Concen: 26.660 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

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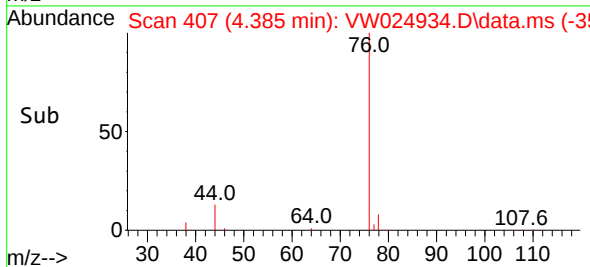
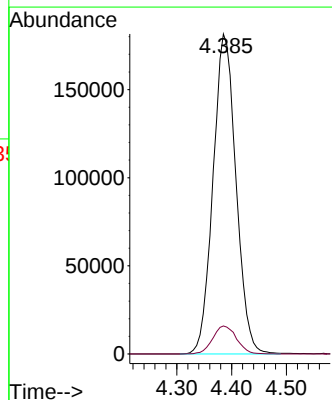
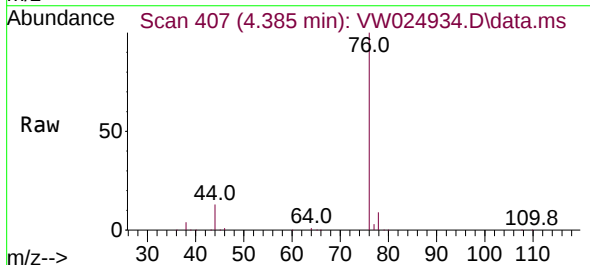
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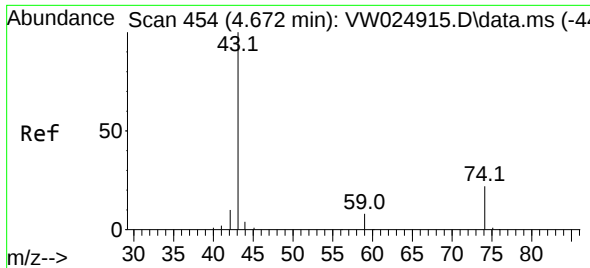
Tgt Ion: 76 Resp: 528160

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

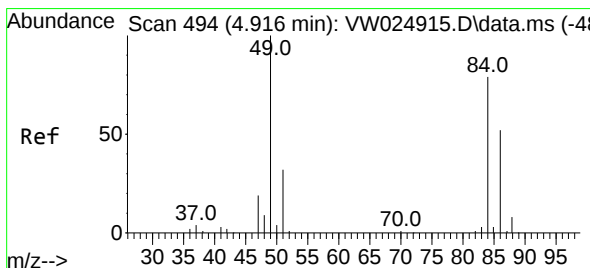
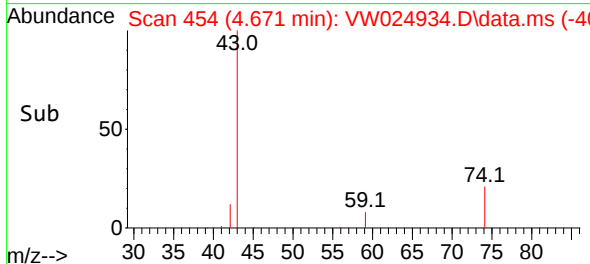
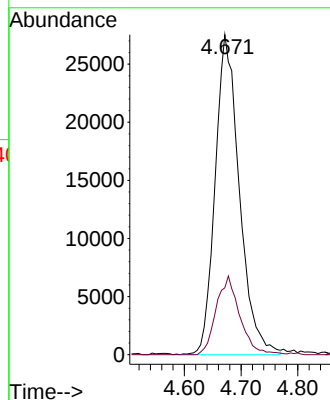
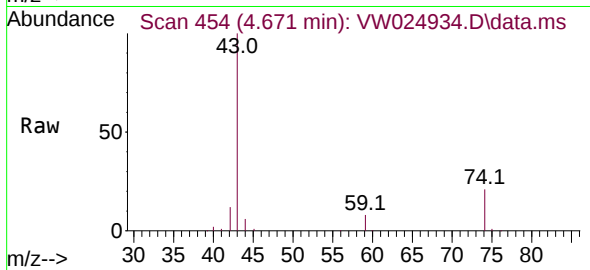




#15
Methyl Acetate
Concen: 28.666 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

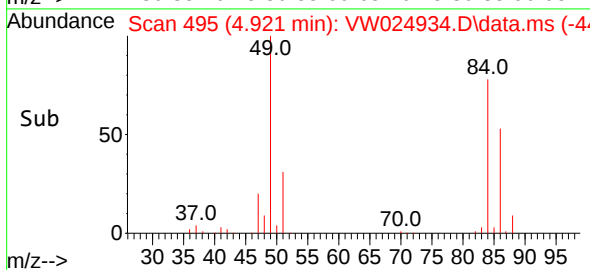
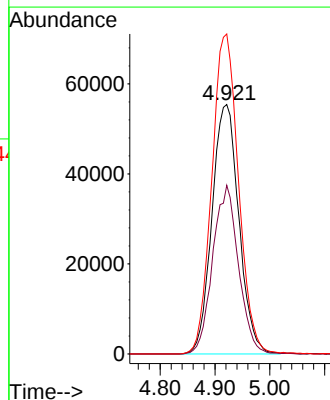
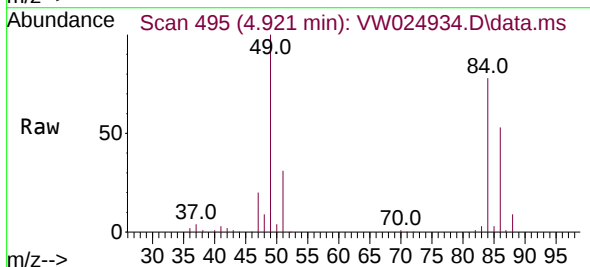
Instrument :
MSVOA_W
ClientSampleId :

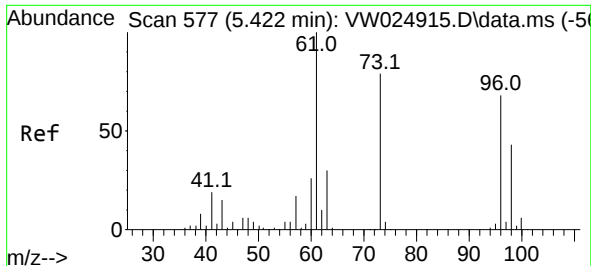
Tgt Ion: 43 Resp: 81695
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6



#16
Methylene chloride
Concen: 23.917 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Tgt Ion: 84 Resp: 189045
Ion Ratio Lower Upper
84 100
86 67.6 45.5 84.5
49 128.3 90.9 168.9





#17

trans-1,2-Dichloroethene

Concen: 28.292 ug/L

RT: 5.427 min Scan# 577

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

ClientSampleId :

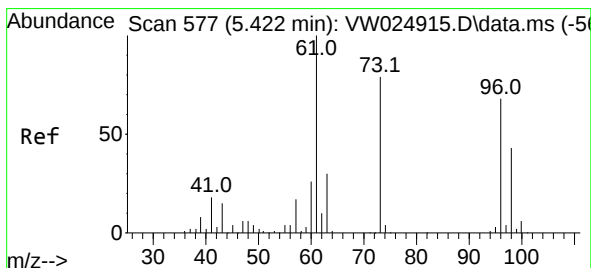
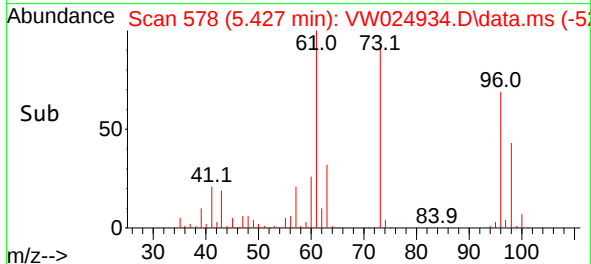
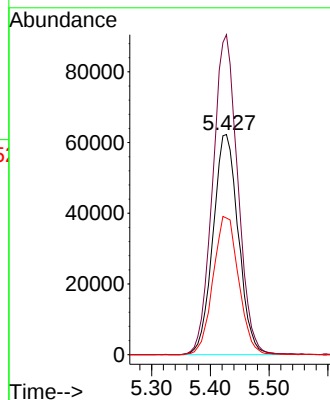
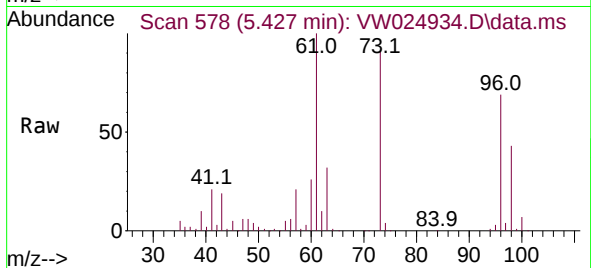
Tgt Ion: 96 Resp: 186780

Ion Ratio Lower Upper

96 100

61 145.4 102.2 189.8

98 62.1 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 29.847 ug/L

RT: 5.427 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

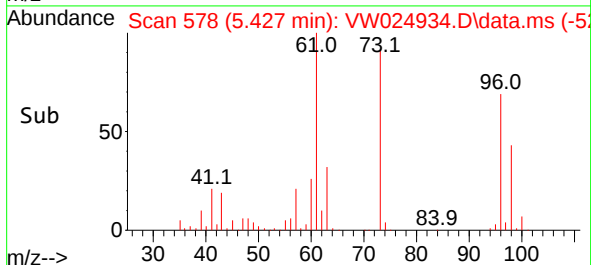
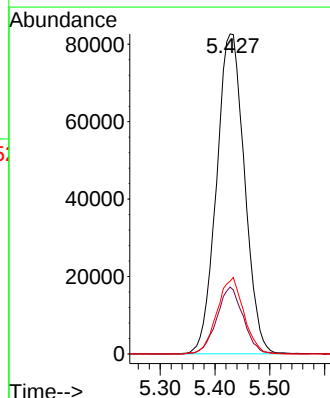
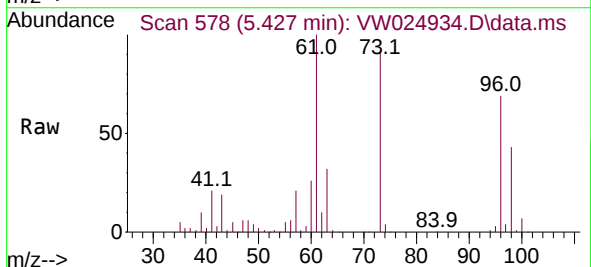
Tgt Ion: 73 Resp: 292813

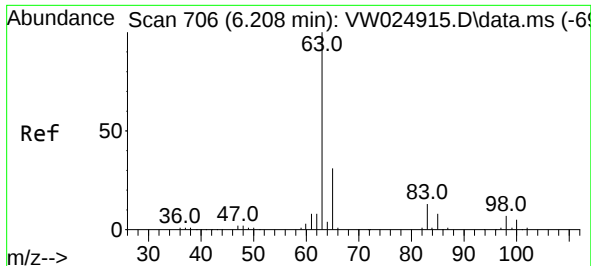
Ion Ratio Lower Upper

73 100

43 19.9 15.8 23.6

57 22.9 18.2 27.4





#19

1,1-Dichloroethane

Concen: 28.620 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

ClientSampleId :

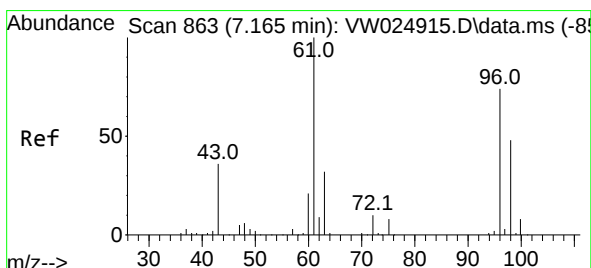
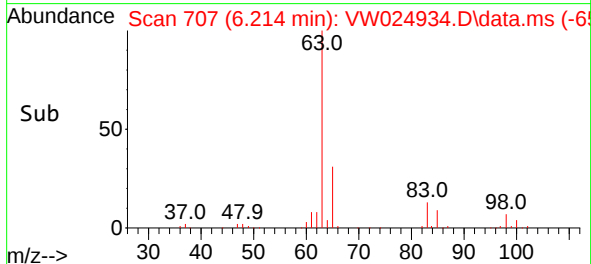
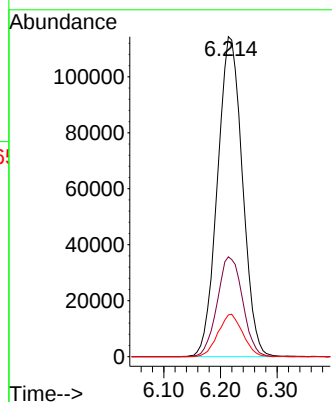
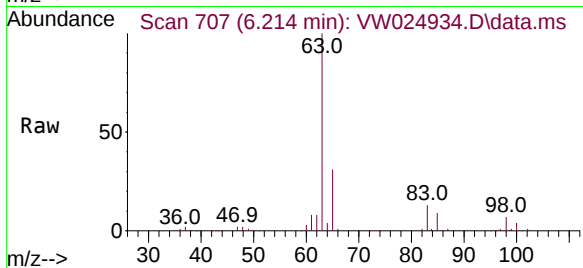
Tgt Ion: 63 Resp: 349560

Ion Ratio Lower Upper

63 100

65 31.2 22.4 41.6

83 13.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 28.429 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

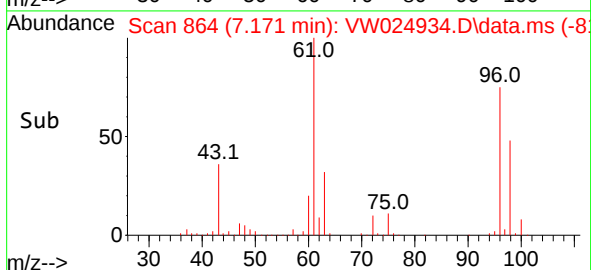
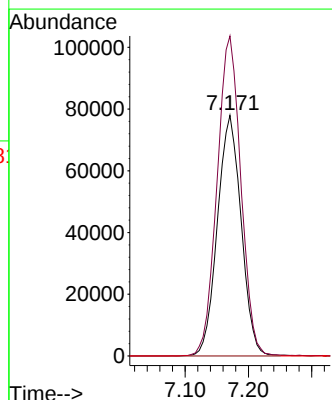
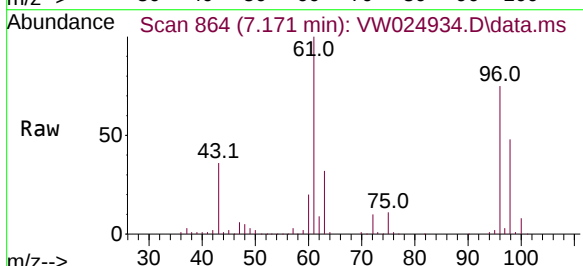
Tgt Ion: 96 Resp: 202842

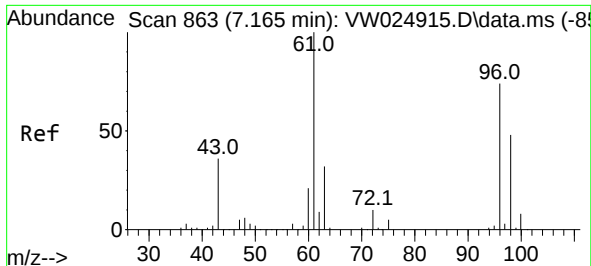
Ion Ratio Lower Upper

96 100

61 133.0 90.9 168.7

68 0.0 0.0 0.0

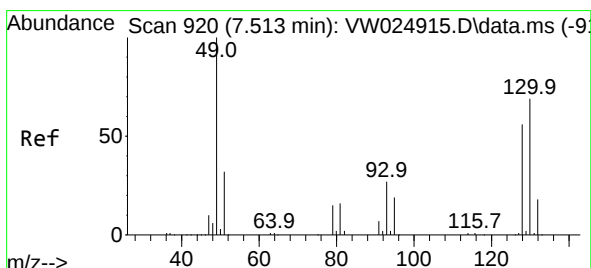
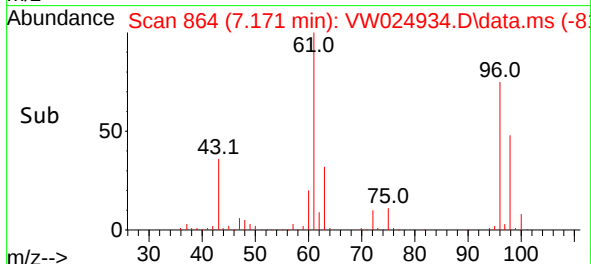
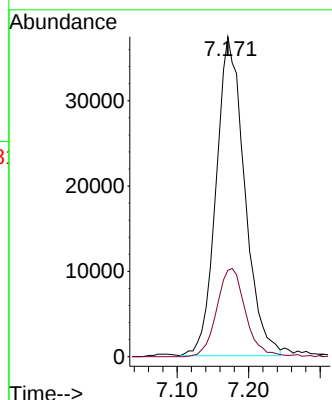
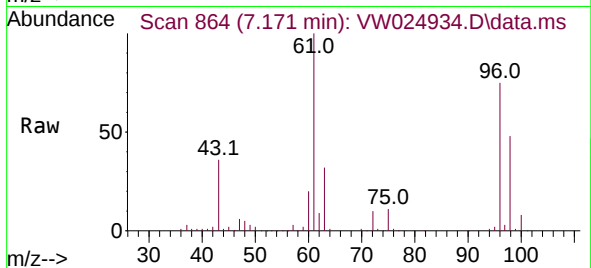




#22
2-Butanone
Concen: 53.018 ug/L
RT: 7.171 min Scan# 863
Delta R.T. 0.006 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

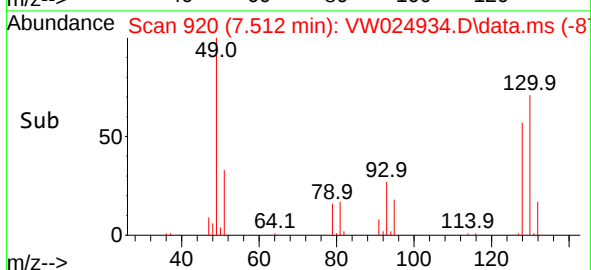
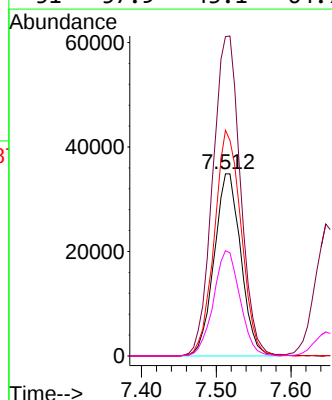
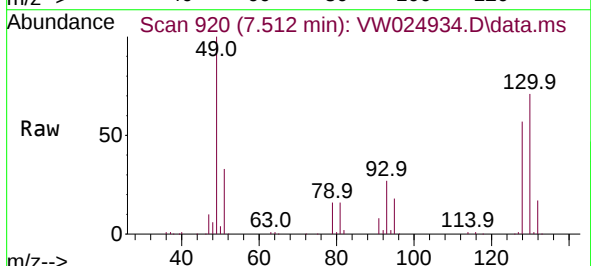
Instrument :
MSVOA_W
ClientSampleId :

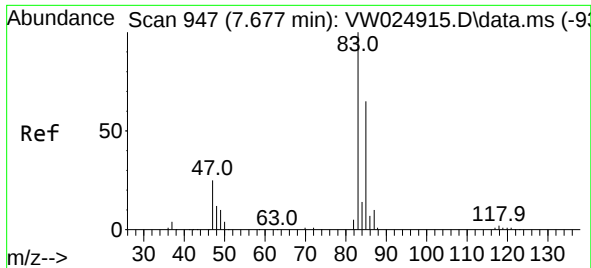
Tgt Ion: 43 Resp: 103573
Ion Ratio Lower Upper
43 100
72 27.7 14.1 42.3



#23
Bromochloromethane
Concen: 29.715 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Tgt Ion: 128 Resp: 86723
Ion Ratio Lower Upper
128 100
49 175.4 122.7 227.9
130 124.0 86.0 159.8
51 57.9 43.1 64.7

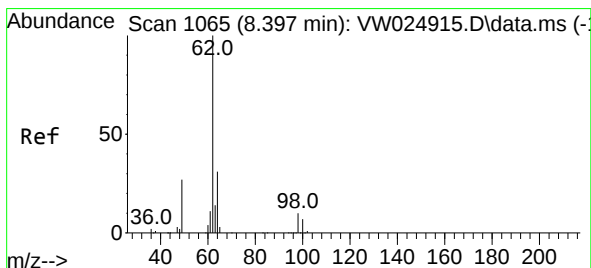
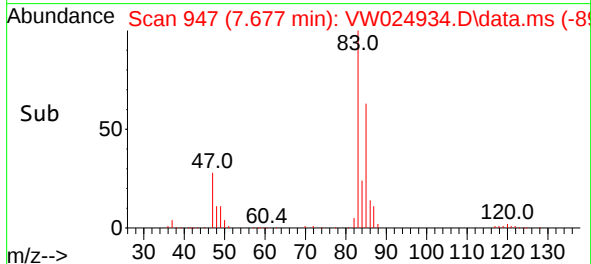
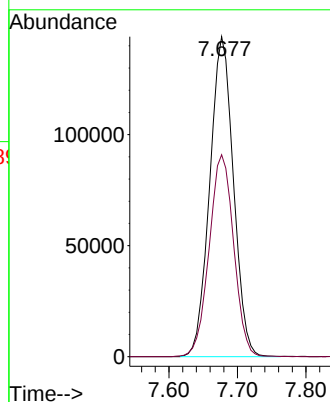
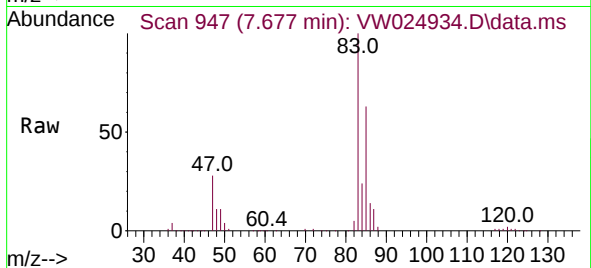




#25
Chloroform
Concen: 28.866 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

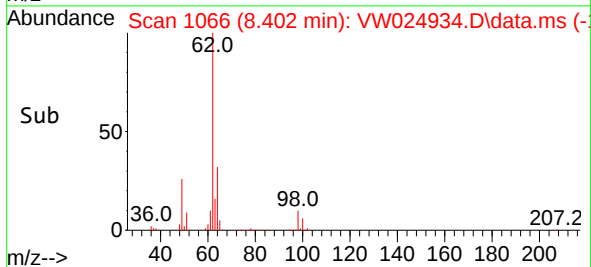
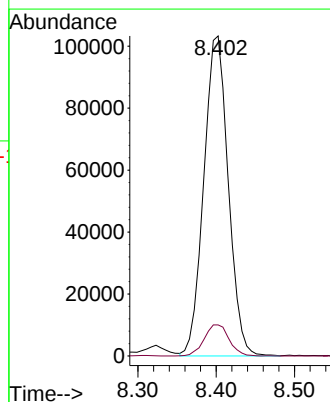
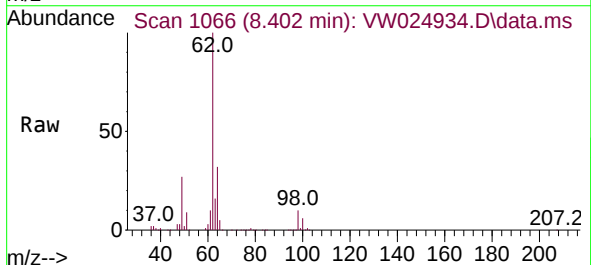
Instrument :
MSVOA_W
ClientSampleId :

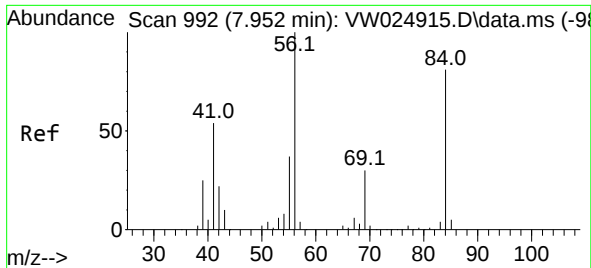
Tgt Ion: 83 Resp: 346070
Ion Ratio Lower Upper
83 100
85 63.1 45.3 84.1



#27
1,2-Dichloroethane
Concen: 28.952 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

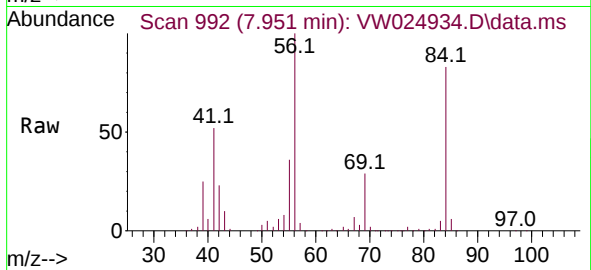
Tgt Ion: 62 Resp: 224446
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6



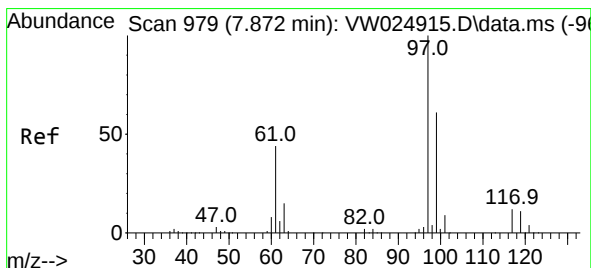
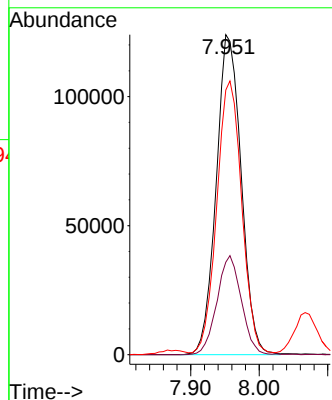
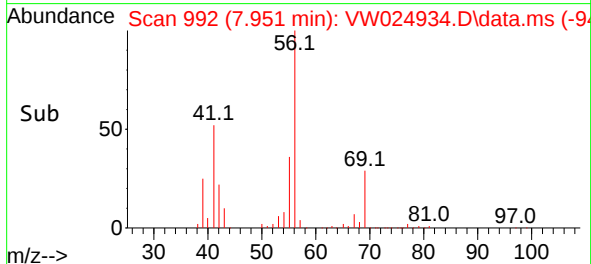


#29
Cyclohexane
Concen: 25.890 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Instrument :
MSVOA_W
ClientSampleId :

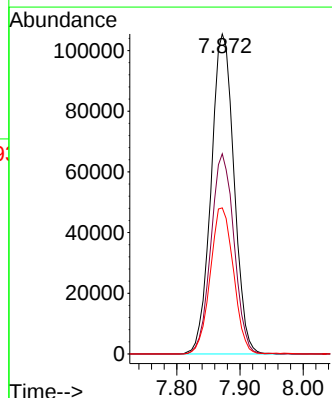
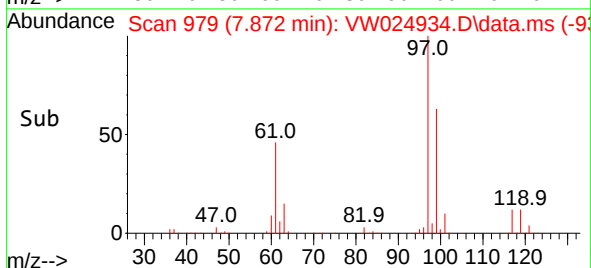
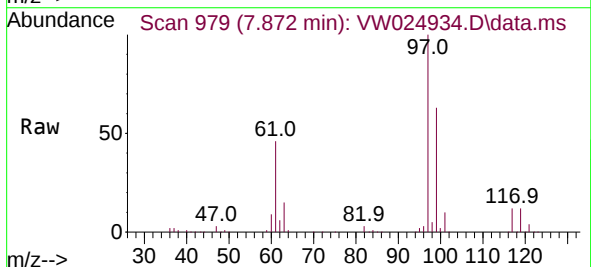


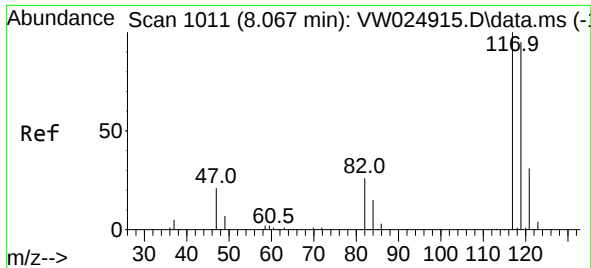
Tgt Ion: 56 Resp: 313503
Ion Ratio Lower Upper
56 100
69 30.1 24.2 36.2
84 85.9 67.7 101.5



#30
1,1,1-Trichloroethane
Concen: 27.659 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

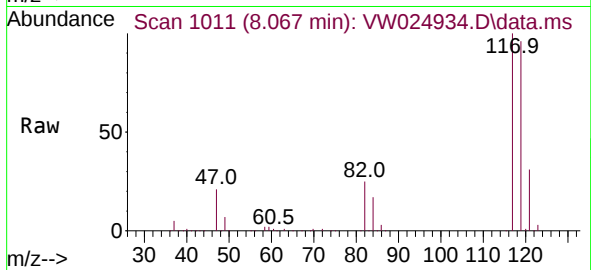
Tgt Ion: 97 Resp: 265216
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 46.3 37.3 55.9



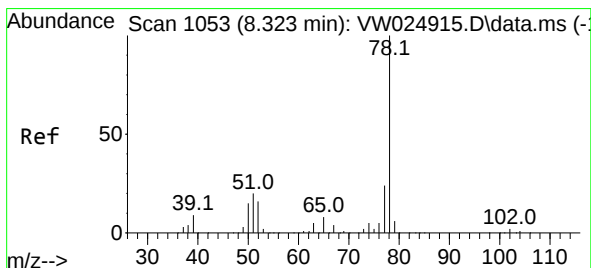
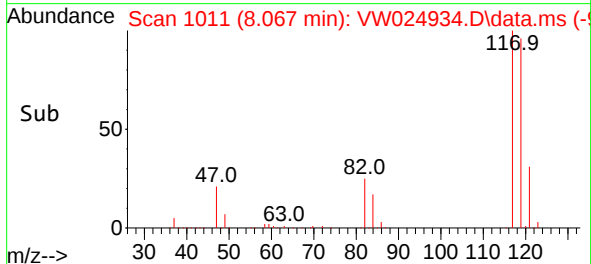
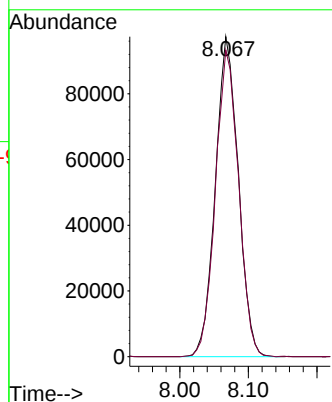


#31
Carbon tetrachloride
Concen: 26.833 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Instrument :
MSVOA_W
ClientSampleId :

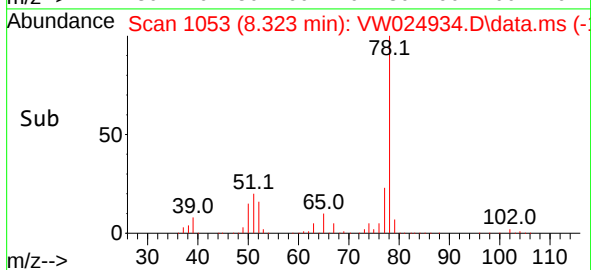
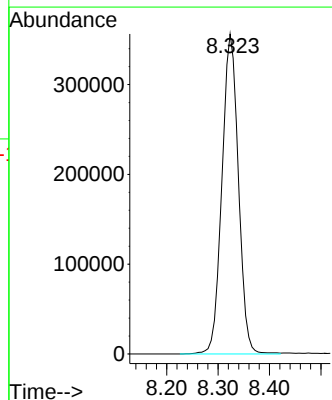
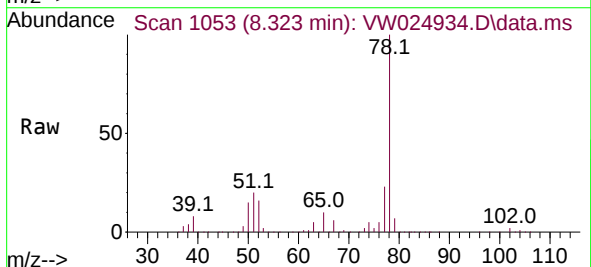


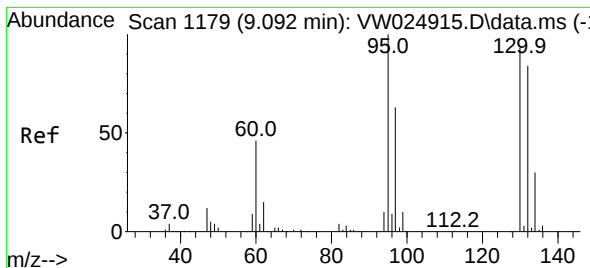
Tgt Ion:117 Resp: 225910
Ion Ratio Lower Upper
117 100
119 96.7 75.1 112.7



#33
Benzene
Concen: 27.943 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Tgt Ion: 78 Resp: 792615





#34

Trichloroethene

Concen: 27.598 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

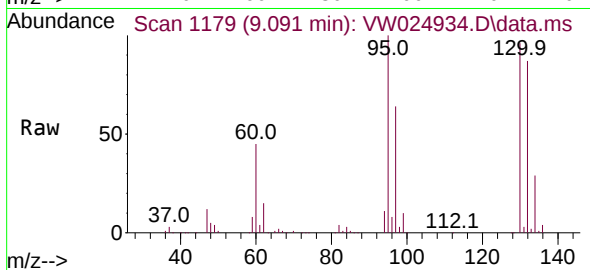
Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 197145

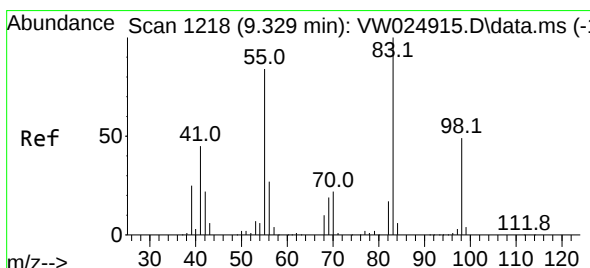
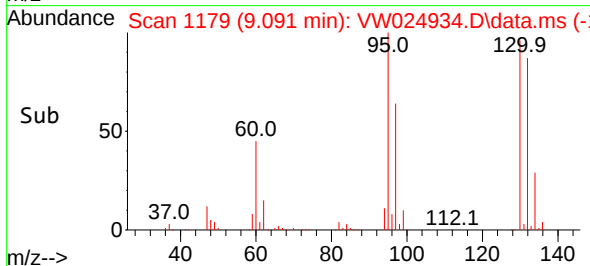
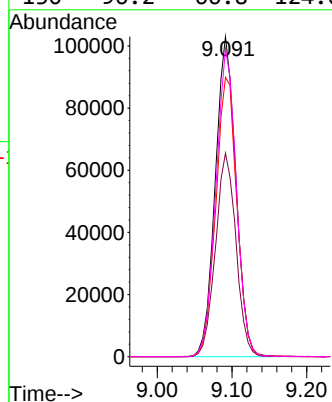
Ion Ratio Lower Upper

95 100

97 63.6 44.2 82.0

132 87.3 62.9 116.7

130 96.2 66.8 124.0



#35

Methylcyclohexane

Concen: 26.178 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

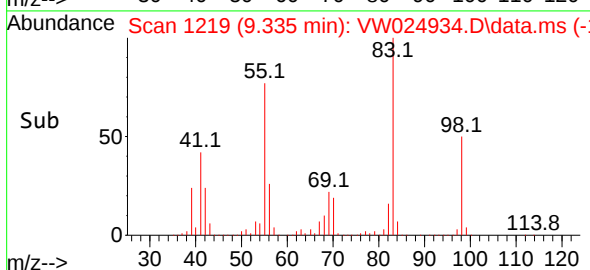
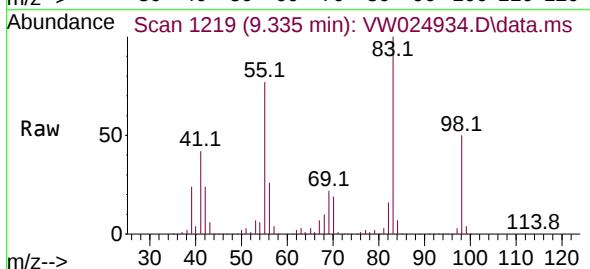
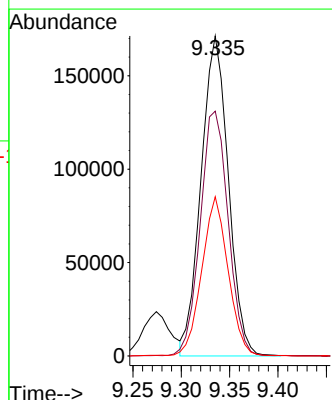
Tgt Ion: 83 Resp: 336559

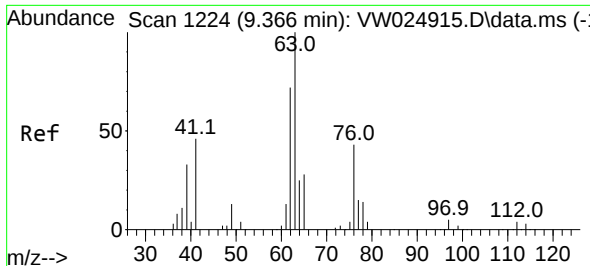
Ion Ratio Lower Upper

83 100

55 78.3 62.5 93.7

98 48.0 37.2 55.8





#37

1,2-Dichloropropane

Concen: 28.422 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

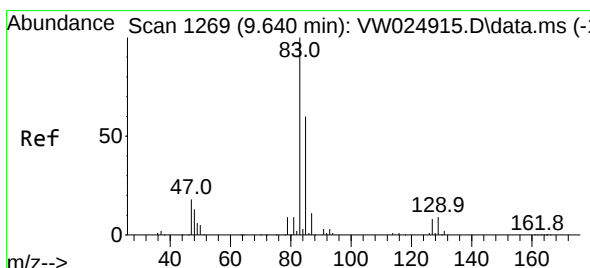
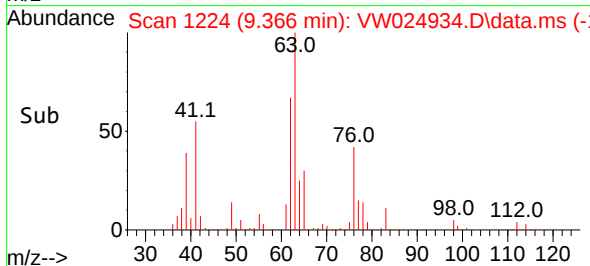
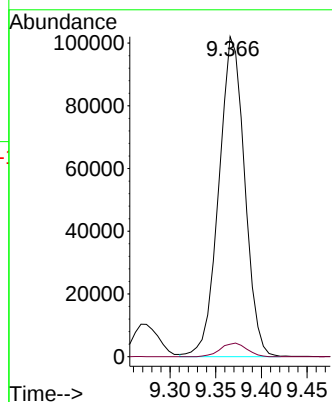
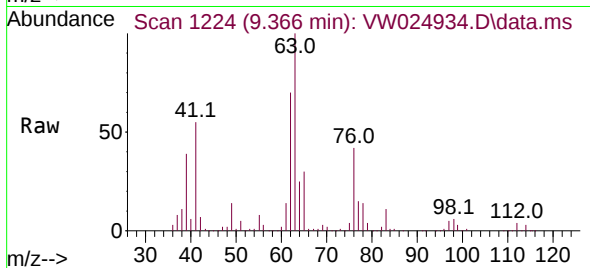
ClientSampleId :

Tgt Ion: 63 Resp: 200920

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 28.640 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

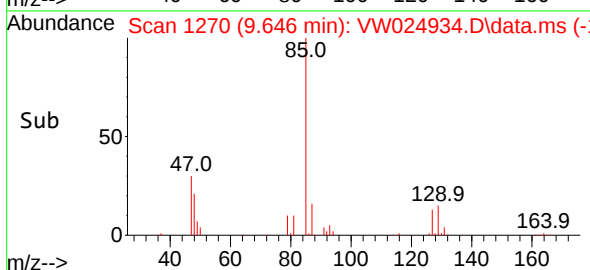
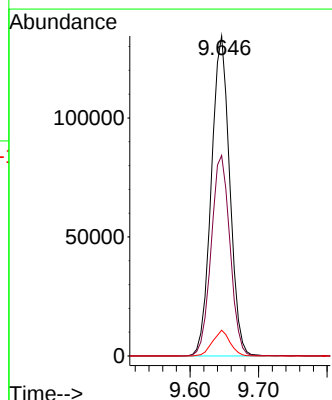
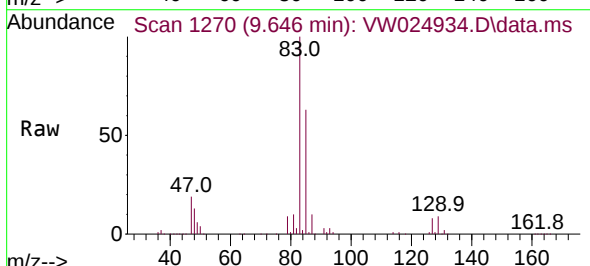
Tgt Ion: 83 Resp: 250150

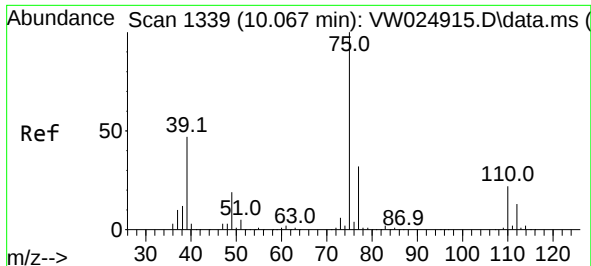
Ion Ratio Lower Upper

83 100

85 62.6 43.6 81.0

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 28.635 ug/L

RT: 10.073 min Scan# 1339

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

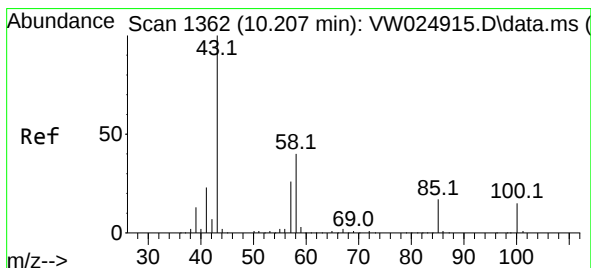
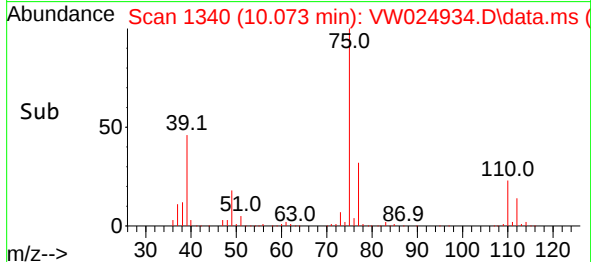
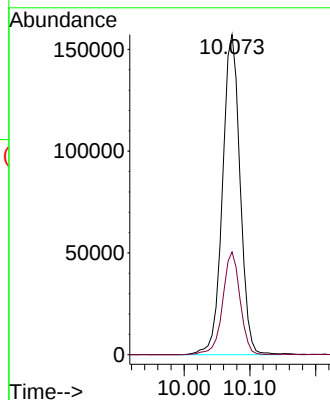
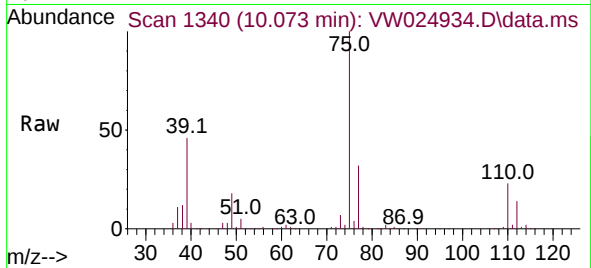
ClientSampleId :

Tgt Ion: 75 Resp: 292588

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 56.481 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

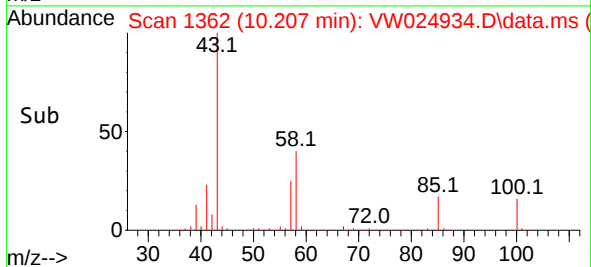
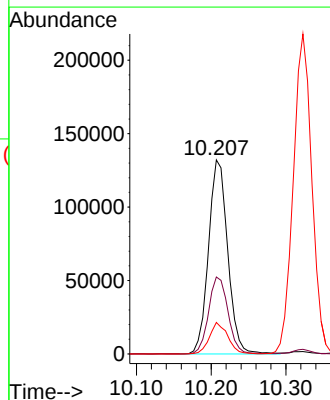
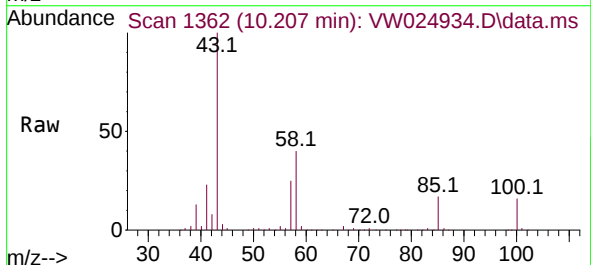
Tgt Ion: 43 Resp: 235989

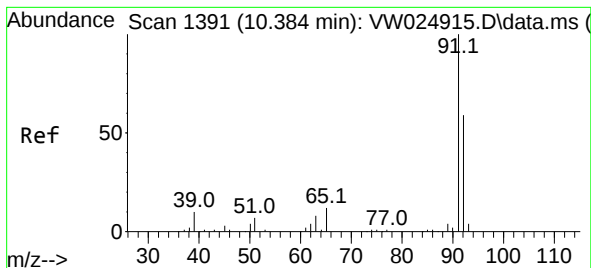
Ion Ratio Lower Upper

43 100

58 40.2 32.1 48.1

100 15.6 12.8 19.2





#42

Toluene

Concen: 28.260 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

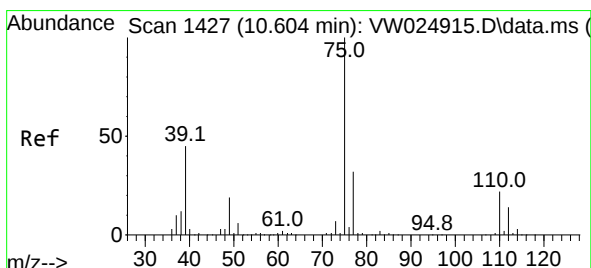
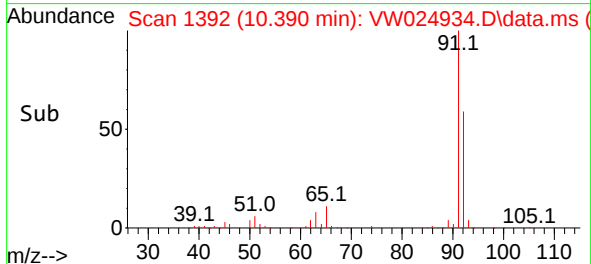
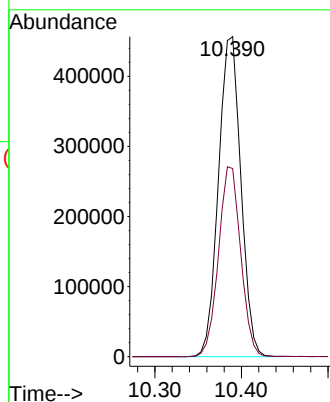
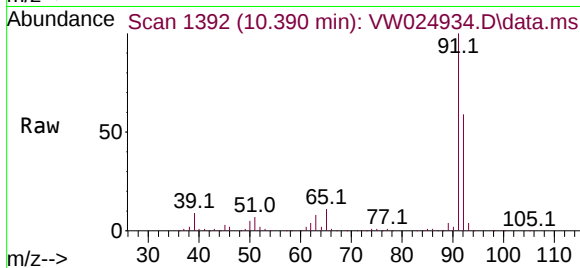
ClientSampleId :

Tgt Ion: 91 Resp: 821869

Ion Ratio Lower Upper

91 100

92 58.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 29.447 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024934.D

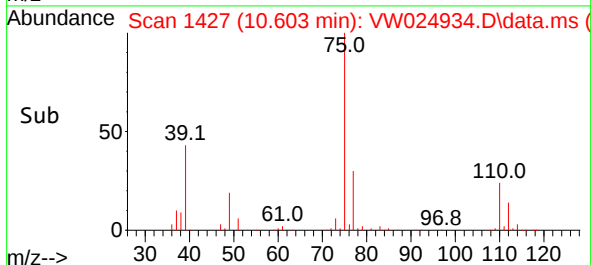
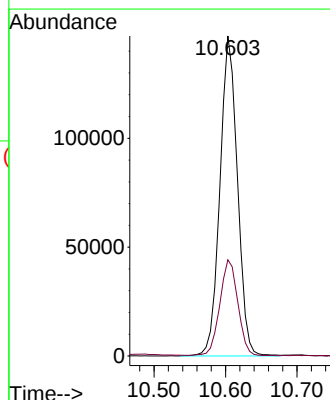
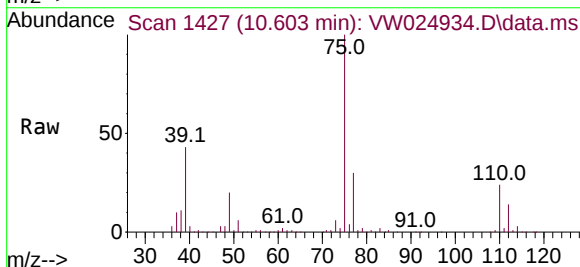
Acq: 14 Oct 2022 16:20

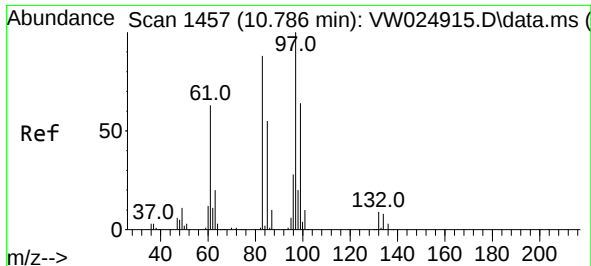
Tgt Ion: 75 Resp: 249814

Ion Ratio Lower Upper

75 100

77 30.1 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 28.858 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 142492

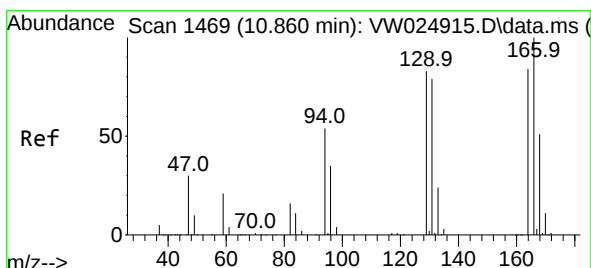
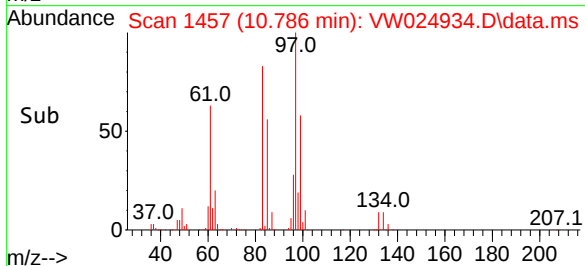
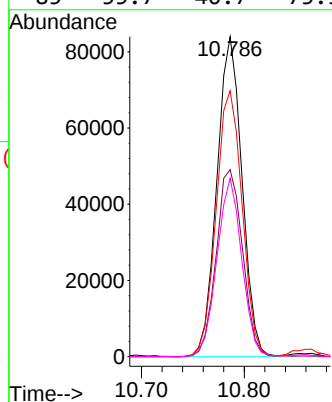
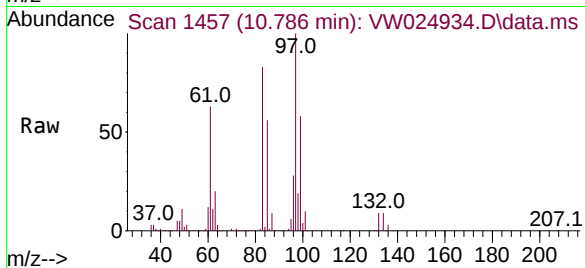
Ion Ratio Lower Upper

97 100

99 58.5 44.7 83.1

83 83.1 59.6 110.8

85 55.7 40.7 75.5



#46

Tetrachloroethene

Concen: 27.084 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Tgt Ion:164 Resp: 131554

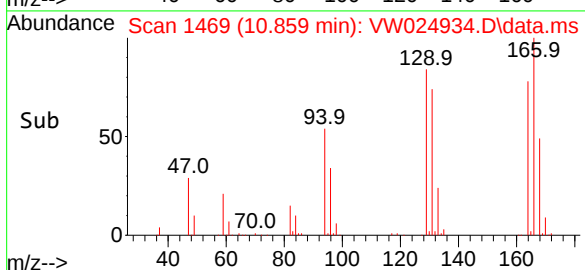
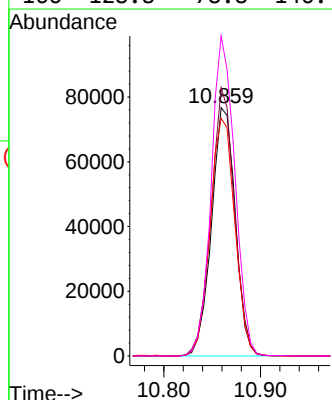
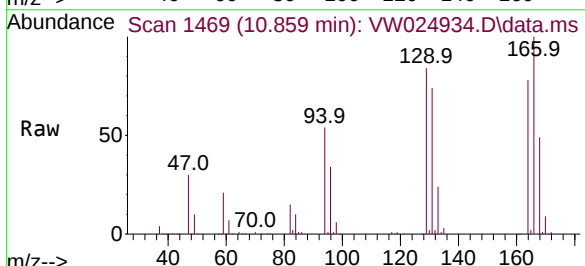
Ion Ratio Lower Upper

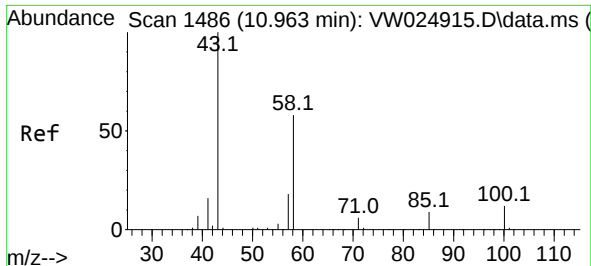
164 100

129 108.0 78.7 146.1

131 95.6 71.1 132.1

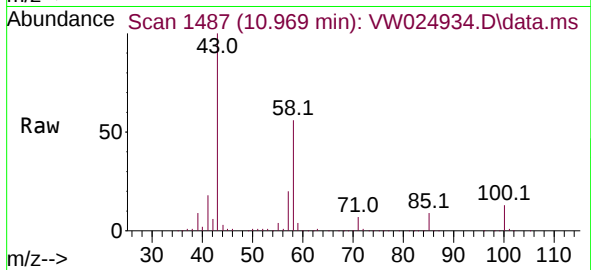
166 128.8 78.8 146.4



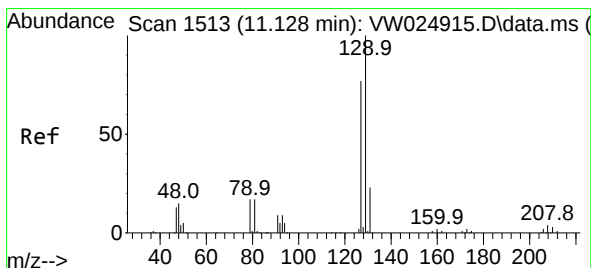
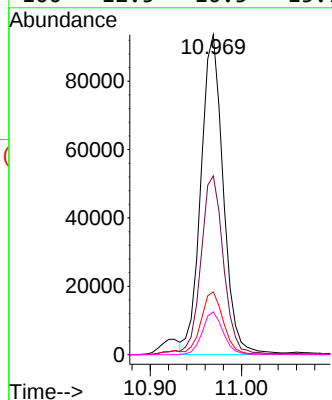
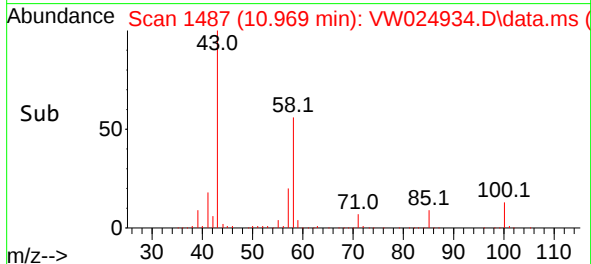


#48
2-Hexanone
Concen: 56.164 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Instrument :
MSVOA_W
ClientSampleId :

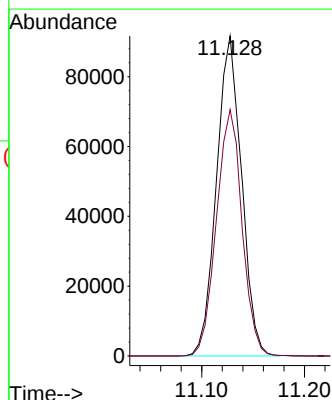
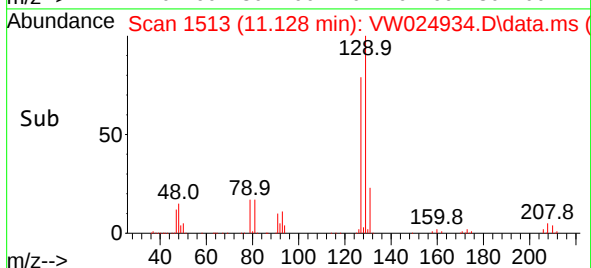
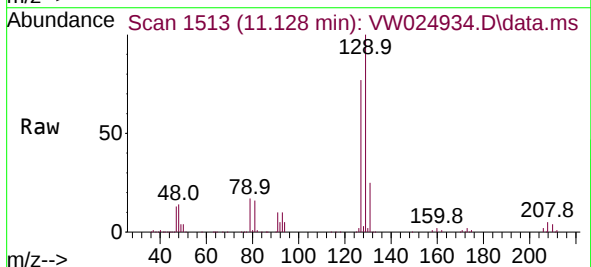


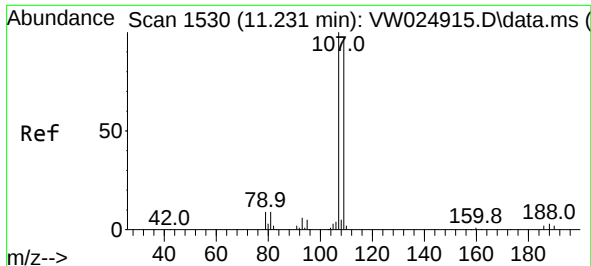
Tgt Ion: 43 Resp: 159107
Ion Ratio Lower Upper
43 100
58 55.9 47.0 70.6
57 19.2 16.0 24.0
100 12.5 10.5 15.7



#49
Dibromochloromethane
Concen: 28.407 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Tgt Ion: 129 Resp: 155275
Ion Ratio Lower Upper
129 100
127 76.9 53.9 100.1





#50

1,2-Dibromoethane

Concen: 28.772 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

ClientSampleId :

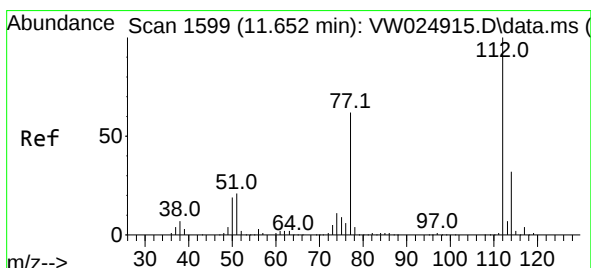
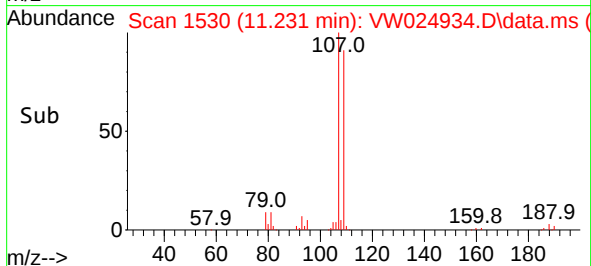
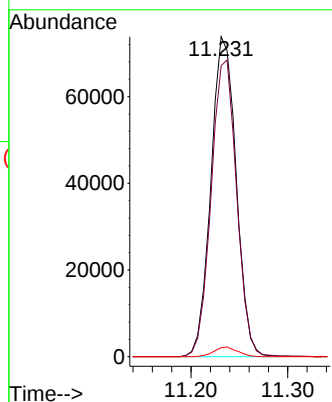
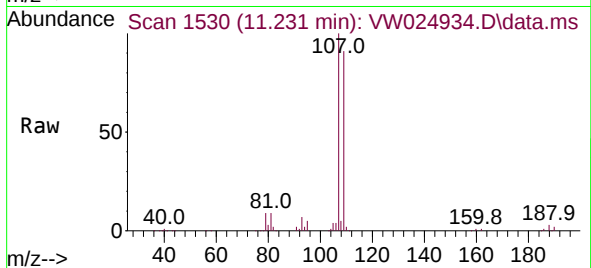
Tgt Ion:107 Resp: 133838

Ion Ratio Lower Upper

107 100

109 90.9 62.8 116.6

188 2.8 2.2 3.2



#51

Chlorobenzene

Concen: 27.778 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

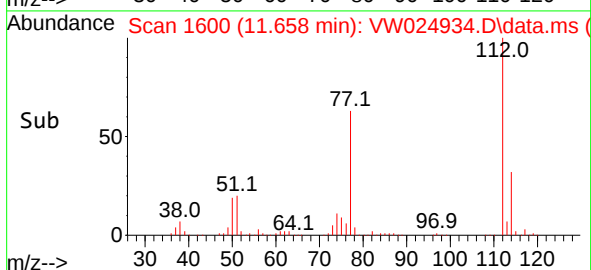
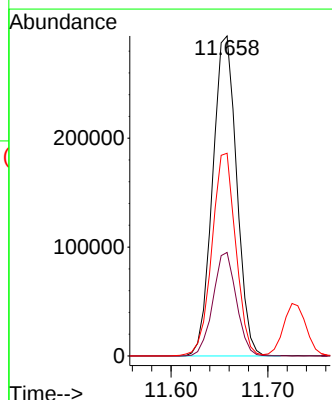
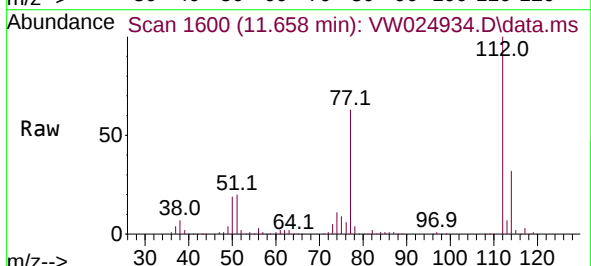
Tgt Ion:112 Resp: 507742

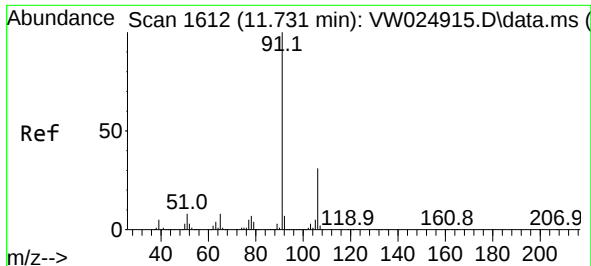
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.3

77 63.3 49.8 74.8

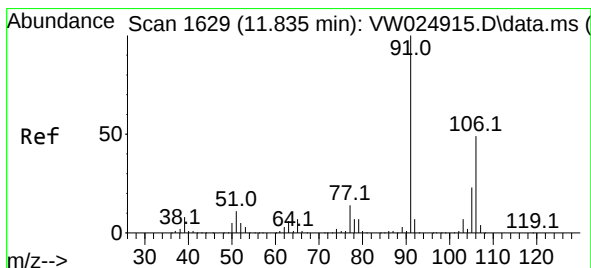
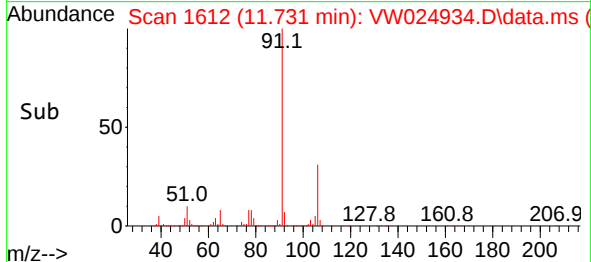
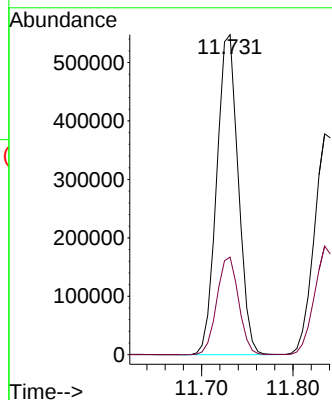
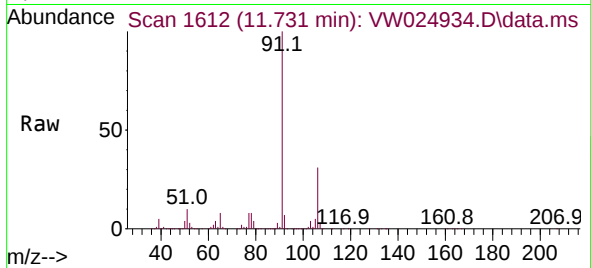




#52
Ethylbenzene
Concen: 27.576 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

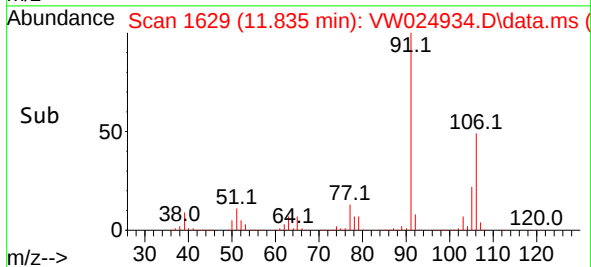
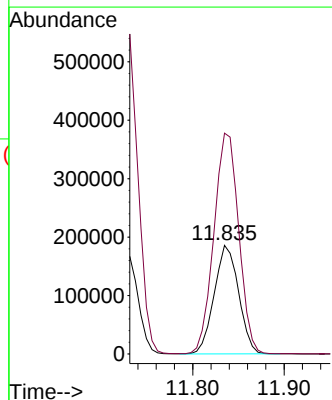
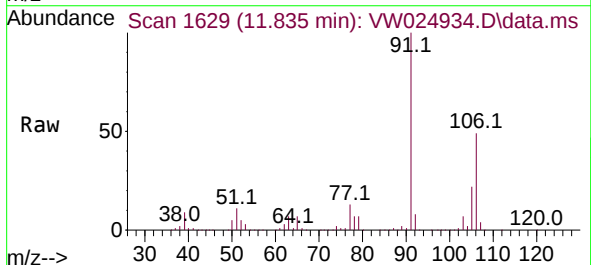
Instrument :
MSVOA_W
ClientSampleId :

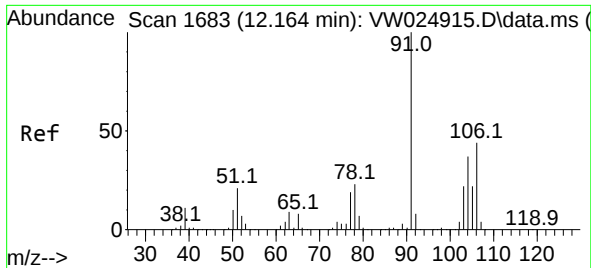
Tgt Ion: 91 Resp: 898046
Ion Ratio Lower Upper
91 100
106 30.5 20.1 37.3



#53
m,p-Xylene
Concen: 27.831 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Tgt Ion: 106 Resp: 344352
Ion Ratio Lower Upper
106 100
91 203.1 147.4 273.8

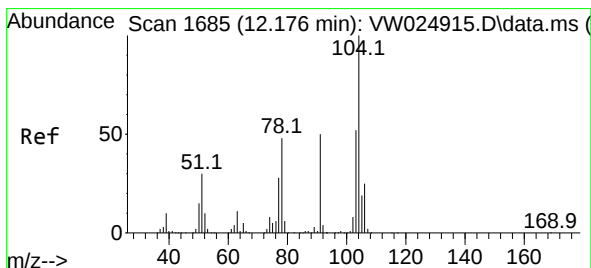
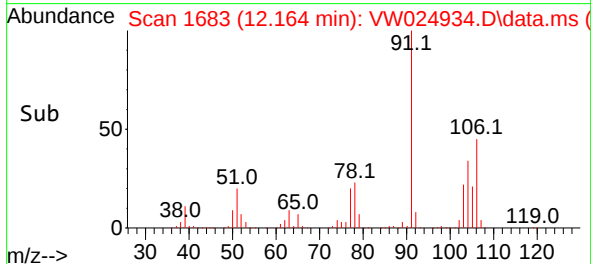
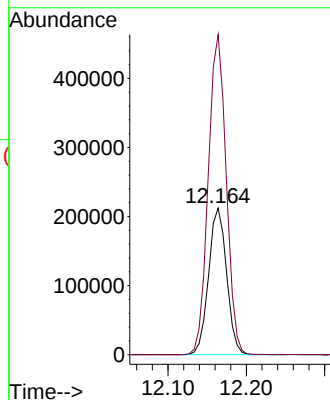
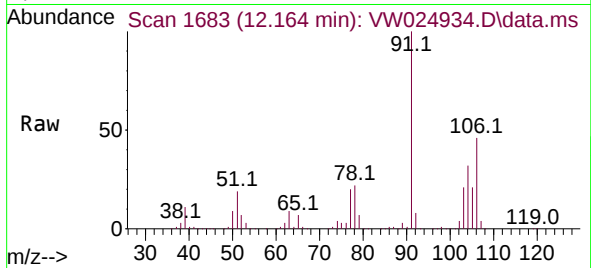




#54
o-Xylene
Concen: 28.714 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

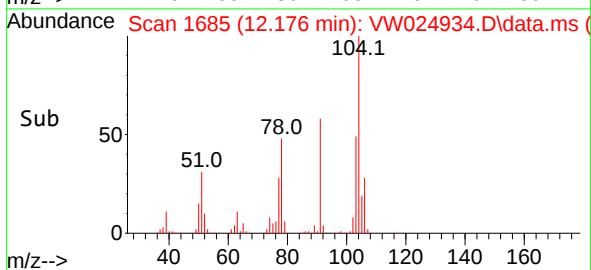
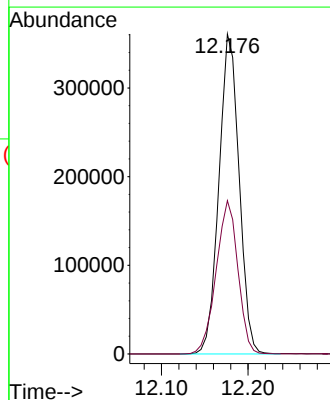
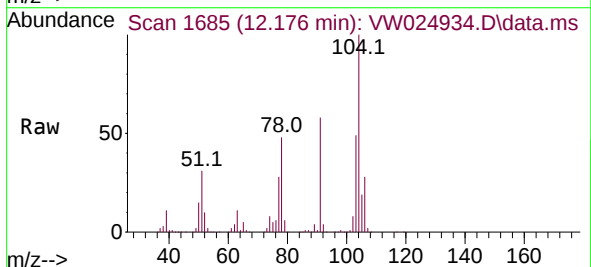
Instrument :
MSVOA_W
ClientSampleId :

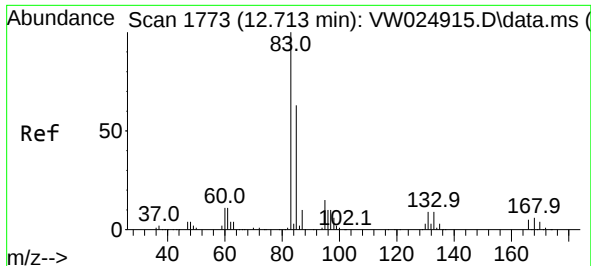
Tgt Ion:106 Resp: 338274
Ion Ratio Lower Upper
106 100
91 218.3 151.0 280.4



#55
Styrene
Concen: 28.908 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Tgt Ion:104 Resp: 584125
Ion Ratio Lower Upper
104 100
78 47.9 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 27.660 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

ClientSampleId :

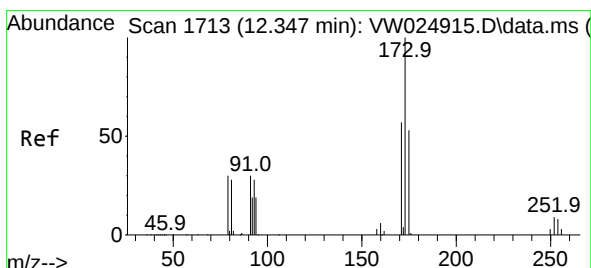
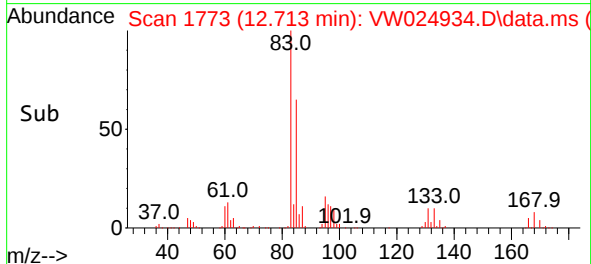
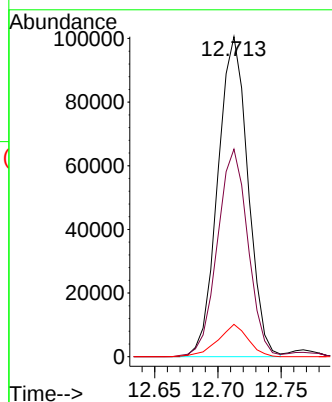
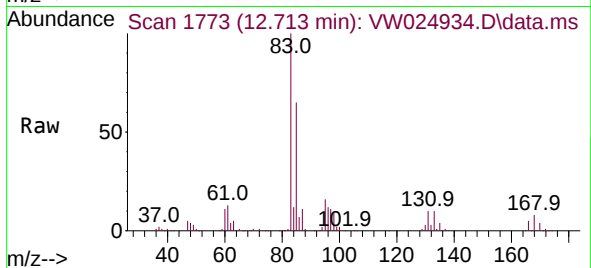
Tgt Ion: 83 Resp: 166634

Ion Ratio Lower Upper

83 100

85 64.9 44.5 82.7

131 10.1 6.8 10.2



#59

Bromoform

Concen: 27.816 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

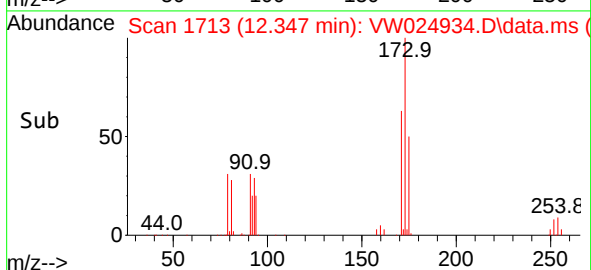
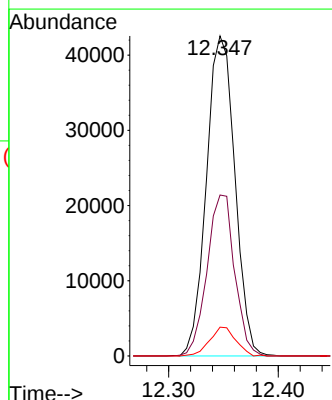
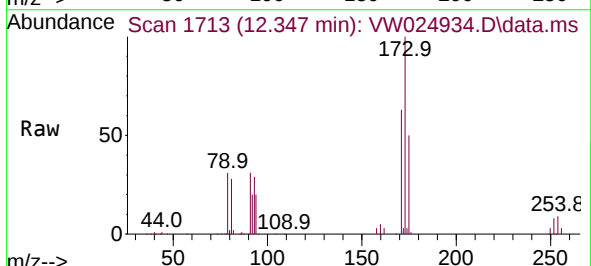
Tgt Ion:173 Resp: 76738

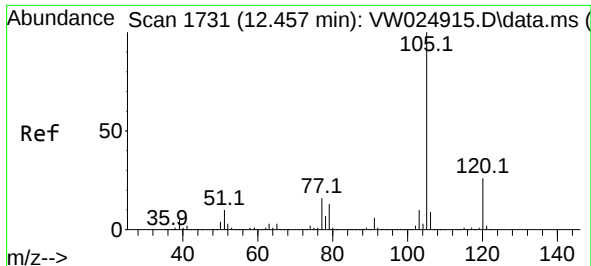
Ion Ratio Lower Upper

173 100

175 48.7 38.6 58.0

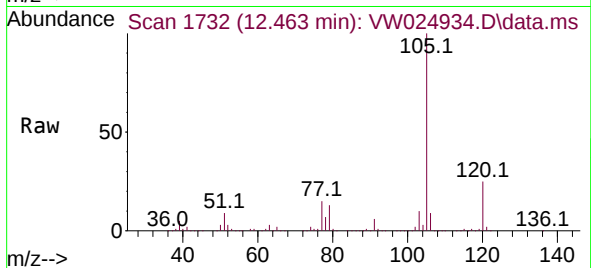
254 8.2 4.8 7.2#



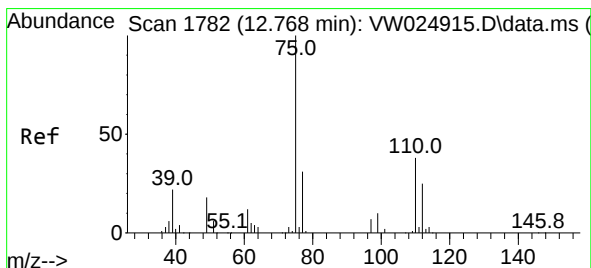
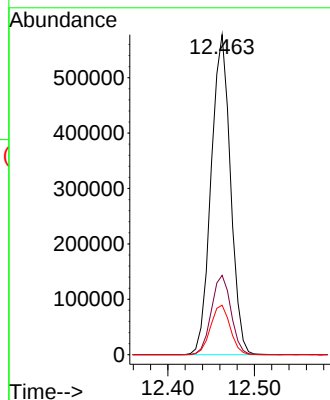
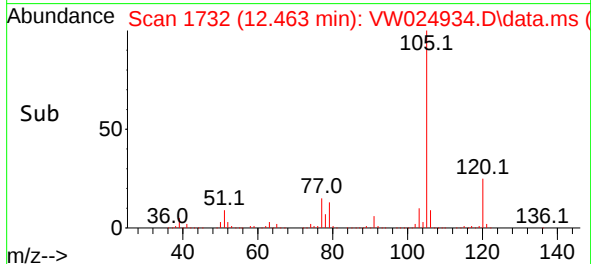


#60
Isopropylbenzene
Concen: 26.942 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

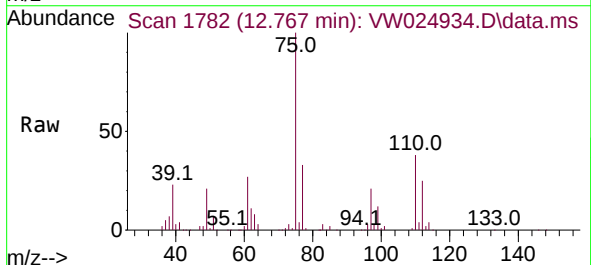
Instrument :
MSVOA_W
ClientSampleId :



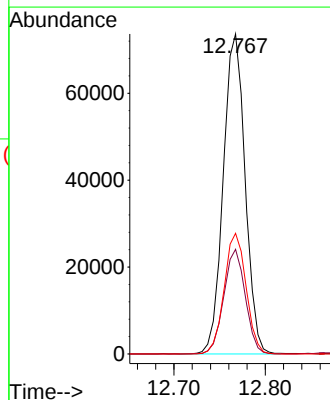
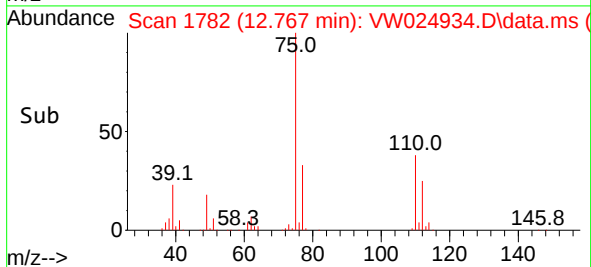
Tgt Ion:105 Resp: 896017
Ion Ratio Lower Upper
105 100
120 25.1 20.5 30.7
77 15.7 12.6 19.0

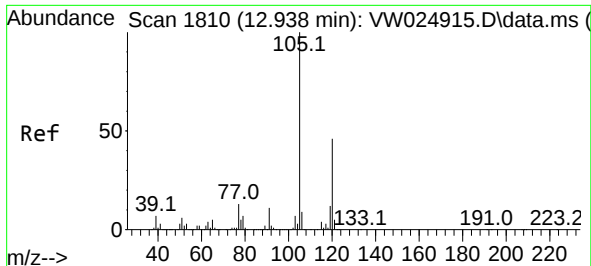


#61
1,2,3-Trichloropropane
Concen: 27.007 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20



Tgt Ion: 75 Resp: 122432
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 37.7 30.8 46.2

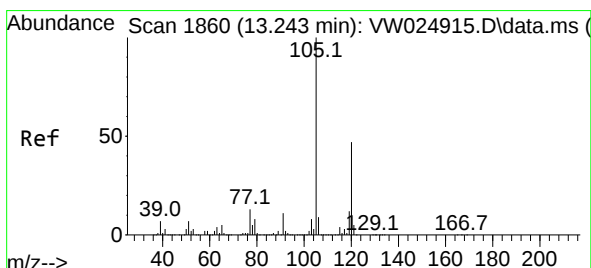
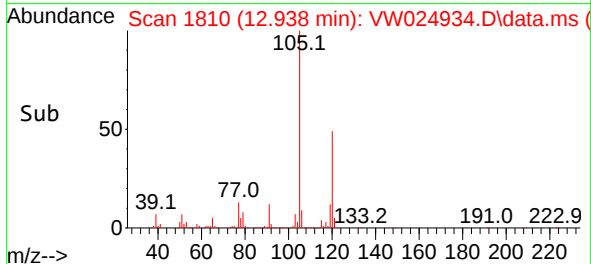
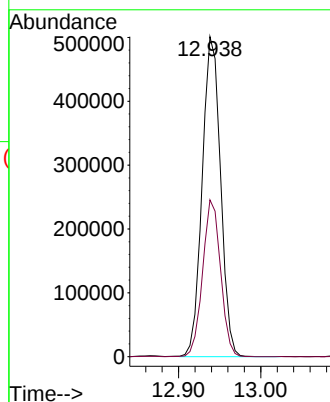
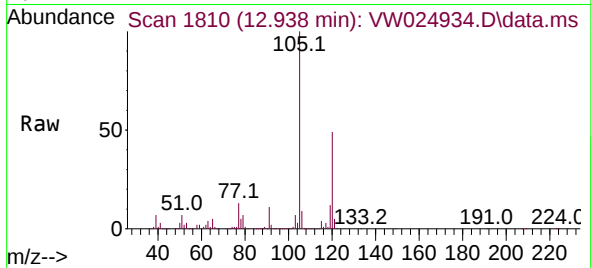




#62
1,3,5-Trimethylbenzene
Concen: 27.233 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

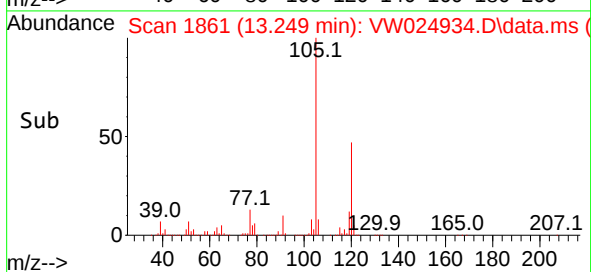
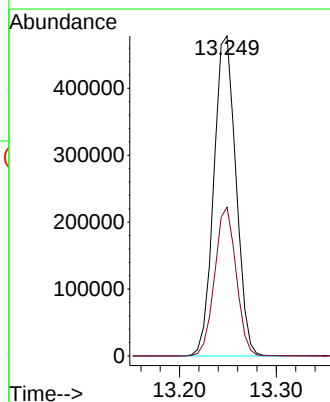
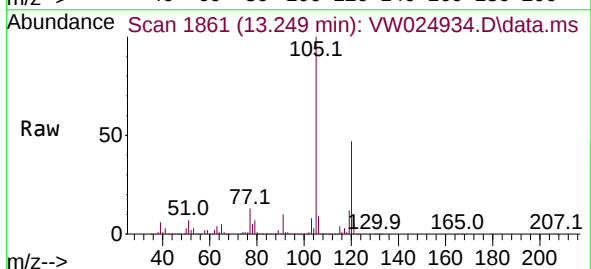
Instrument :
MSVOA_W
ClientSampleId :

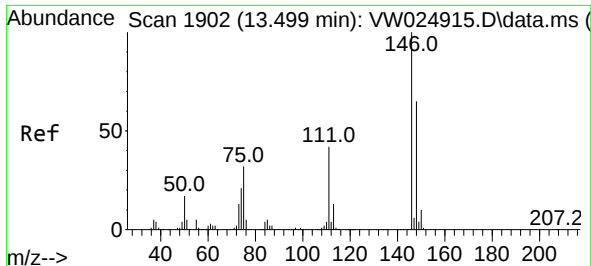
Tgt Ion:105 Resp: 777600
Ion Ratio Lower Upper
105 100
120 47.8 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 27.600 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Tgt Ion:105 Resp: 759852
Ion Ratio Lower Upper
105 100
120 45.1 34.8 52.2

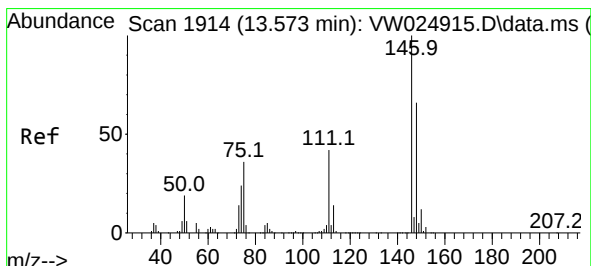
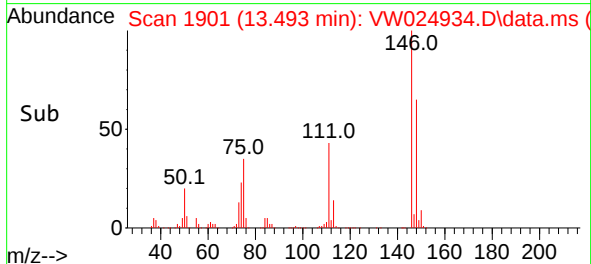
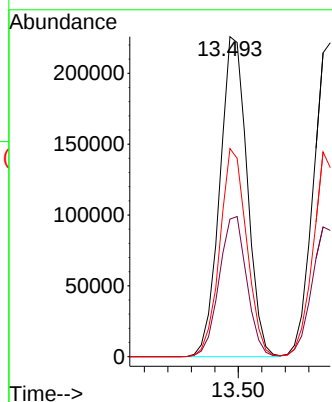
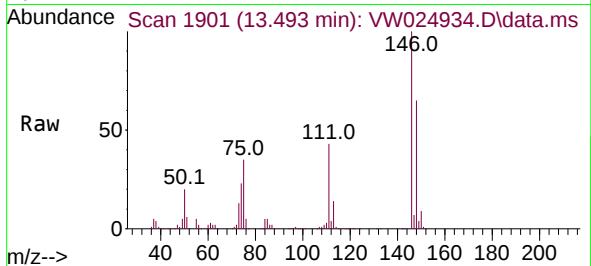




#64
1,3-Dichlorobenzene
Concen: 26.960 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

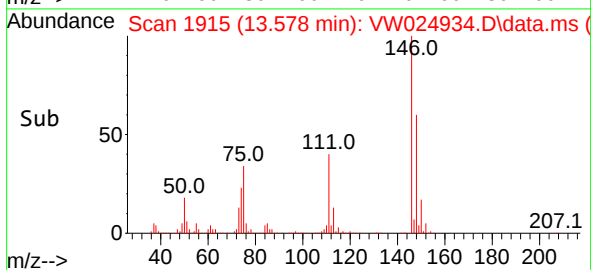
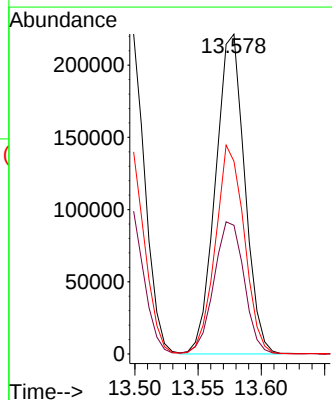
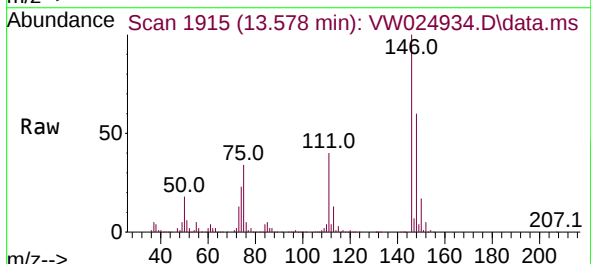
Instrument :
MSVOA_W
ClientSampleId :

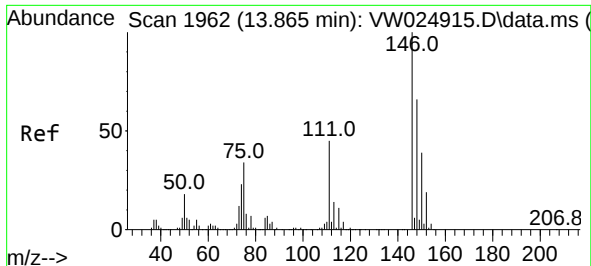
Tgt Ion:146 Resp: 365162
Ion Ratio Lower Upper
146 100
111 43.0 31.7 58.9
148 65.1 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 25.920 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024934.D
Acq: 14 Oct 2022 16:20

Tgt Ion:146 Resp: 355363
Ion Ratio Lower Upper
146 100
111 40.2 27.4 50.8
148 60.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 27.106 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

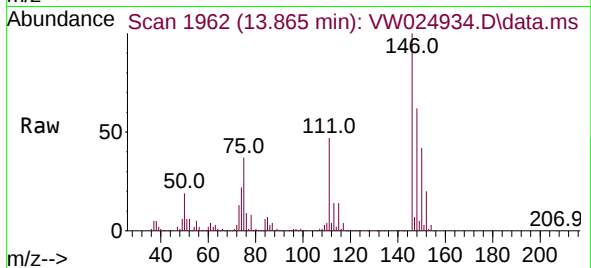
Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

ClientSampleId :



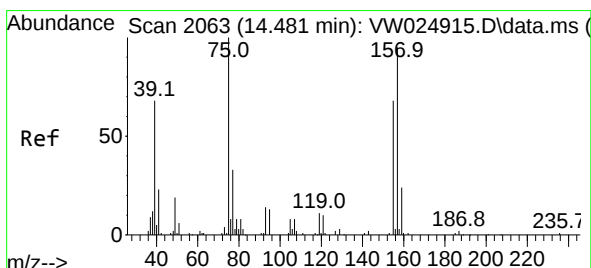
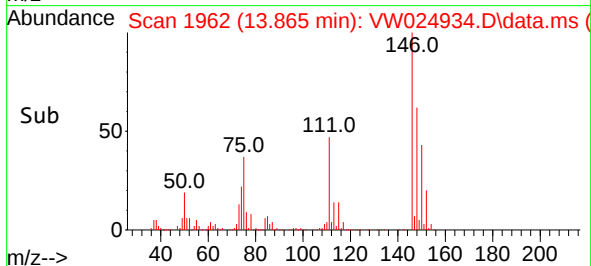
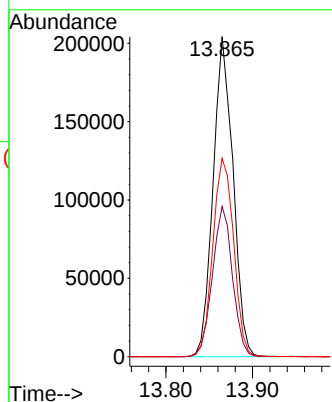
Tgt Ion:146 Resp: 326335

Ion Ratio Lower Upper

146 100

111 47.0 36.9 55.3

148 62.0 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.175 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

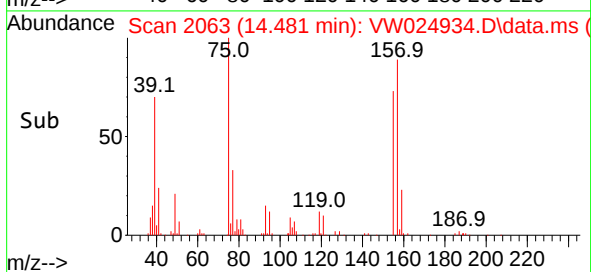
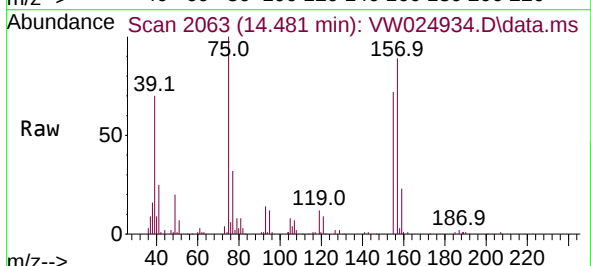
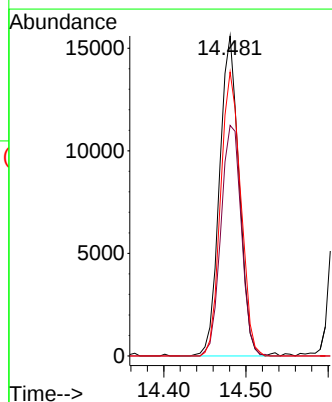
Tgt Ion: 75 Resp: 25792

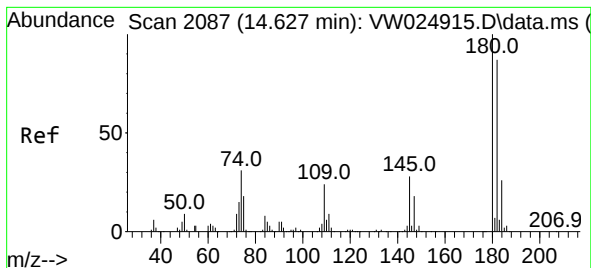
Ion Ratio Lower Upper

75 100

155 72.0 56.2 84.4

157 88.7 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 25.833 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

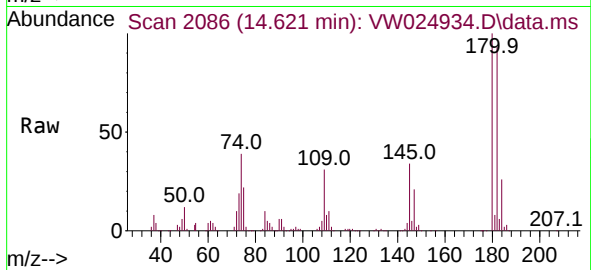
Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 228453

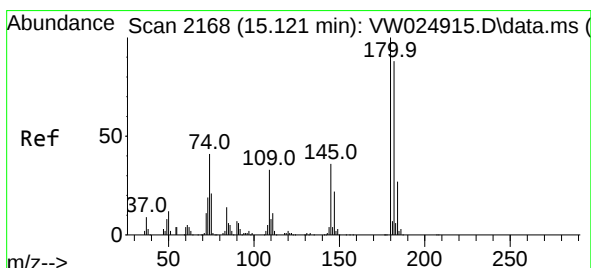
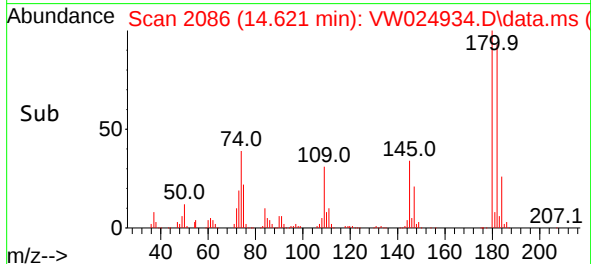
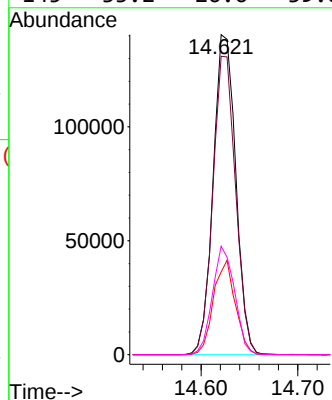
Ion Ratio Lower Upper

180 100

182 93.6 75.0 112.6

184 28.6 22.9 34.3

145 33.2 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 25.315 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

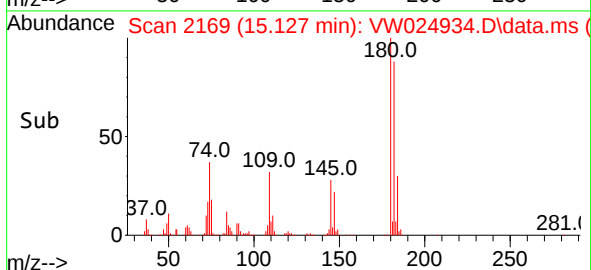
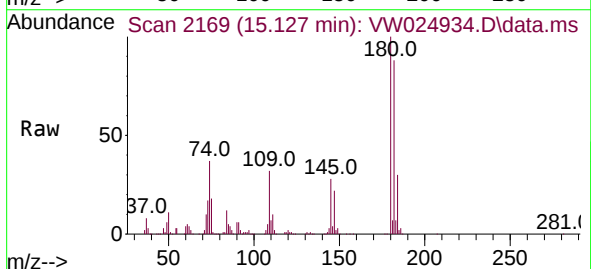
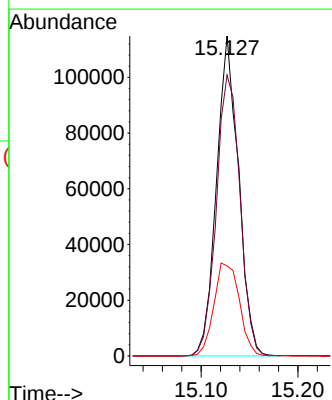
Tgt Ion:180 Resp: 181637

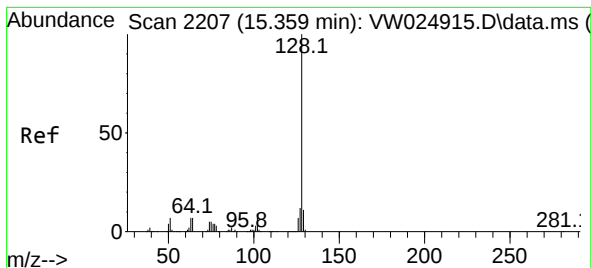
Ion Ratio Lower Upper

180 100

182 93.8 77.7 116.5

145 33.6 29.0 43.4





#71

Naphthalene

Concen: 27.068 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Instrument :

MSVOA_W

ClientSampleId :

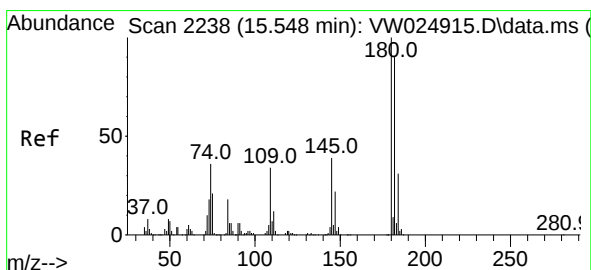
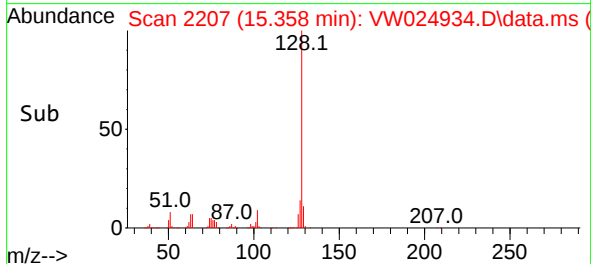
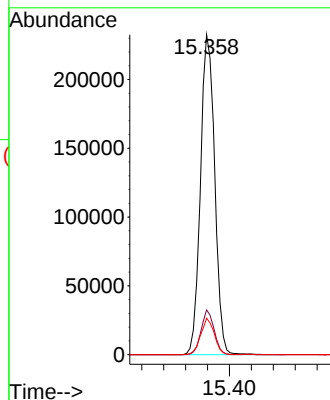
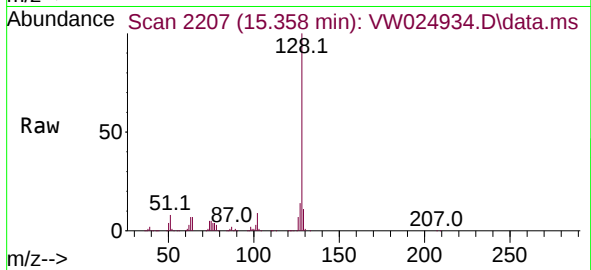
Tgt Ion:128 Resp: 420807

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.455 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024934.D

Acq: 14 Oct 2022 16:20

Tgt Ion:180 Resp: 162011

Ion Ratio Lower Upper

180 100

182 94.9 75.1 112.7

145 36.2 29.9 44.9

