

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082922\
 Data File : VW024434.D
 Acq On : 29 Aug 2022 08:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 22:43:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 04:56:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	354980	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	334453	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	193857	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	185757	18.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.920%
7) Chloroethane-d5	2.873	69	160708	21.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.680%
11) 1,1-Dichloroethene-d2	4.013	63	211419	24.912	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.640%
21) 2-Butanone-d5	7.074	46	81570	45.258	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.520%
24) Chloroform-d	7.647	84	281063	24.628	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.520%
26) 1,2-Dichloroethane-d4	8.305	65	159648	23.068	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.280%
32) Benzene-d6	8.275	84	507006	26.458	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.840%
36) 1,2-Dichloropropane-d6	9.274	67	157387	26.409	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.640%
41) Toluene-d8	10.323	98	466475	25.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	10.573	79	70233	25.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.720%
47) 2-Hexanone-d5	10.920	63	70322	52.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.460%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	163421	24.220	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.880%
66) 1,2-Dichlorobenzene-d4	13.847	152	188299	25.794	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	71265	20.044	ug/L	97
3) Chloromethane	2.215	50	148915	22.418	ug/L	99
5) Vinyl chloride	2.355	62	247453	21.310	ug/L	100
6) Bromomethane	2.769	94	157009	19.263	ug/L	99
8) Chloroethane	2.910	64	140055	23.088	ug/L	98
9) Trichlorofluoromethane	3.239	101	120700	22.104	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	138769	26.495	ug/L	97
12) 1,1-Dichloroethene	4.031	96	124136	29.277	ug/L	98
13) Acetone	4.117	43	49077	45.628	ug/L	90
14) Carbon disulfide	4.379	76	389009	27.606	ug/L	99
15) Methyl Acetate	4.672	43	61072	23.210	ug/L	95
16) Methylene chloride	4.909	84	132881	22.320	ug/L	87
17) trans-1,2-Dichloroethene	5.415	96	139859	27.867	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	227244	27.653	ug/L	96
19) 1,1-Dichloroethane	6.214	63	243665	25.675	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	148405	26.889	ug/L #	100
22) 2-Butanone	7.165	43	82522	43.002	ug/L	97
23) Bromochloromethane	7.513	128	68448	25.398	ug/L	96
25) Chloroform	7.671	83	266452	25.305	ug/L	95

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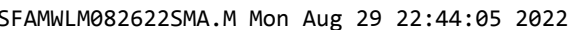
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 ClientSampleId :

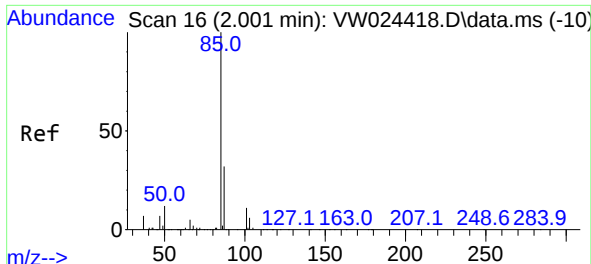
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 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 04:56:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	182335	23.789	ug/L	99
29) Cyclohexane	7.951	56	216210	29.986	ug/L	95
30) 1,1,1-Trichloroethane	7.866	97	216513	27.458	ug/L	97
31) Carbon tetrachloride	8.067	117	203246	28.175	ug/L	100
33) Benzene	8.317	78	579382	27.824	ug/L	100
34) Trichloroethene	9.091	95	152217	27.735	ug/L	94
35) Methylcyclohexane	9.329	83	254960	28.955	ug/L	99
37) 1,2-Dichloropropane	9.366	63	142839	26.581	ug/L	98
38) Bromodichloromethane	9.640	83	197206	26.948	ug/L	91
39) cis-1,3-Dichloropropene	10.073	75	219807	29.261	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	182403	47.734	ug/L	95
42) Toluene	10.384	91	644808	28.059	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	200051	27.407	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	113871	25.985	ug/L	94
46) Tetrachloroethene	10.859	164	117613	27.593	ug/L	94
48) 2-Hexanone	10.969	43	132992	47.184	ug/L	95
49) Dibromochloromethane	11.128	129	140415	27.091	ug/L	100
50) 1,2-Dibromoethane	11.231	107	115222	27.349	ug/L	89
51) Chlorobenzene	11.652	112	419083	27.171	ug/L	98
52) Ethylbenzene	11.725	91	721428	28.395	ug/L	97
53) m,p-Xylene	11.835	106	286874	28.751	ug/L	95
54) o-Xylene	12.164	106	266279	28.548	ug/L	100
55) Styrene	12.176	104	482824	29.284	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.707	83	146844	24.007	ug/L	99
59) Bromoform	12.347	173	77310	24.851	ug/L	98
60) Isopropylbenzene	12.463	105	739731	28.730	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	106615	24.320	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	623240	30.019	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	619414	30.716	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	322331	26.184	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	334497	25.737	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	295968	25.648	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23435	21.277	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	209926	26.420	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	168232	27.237	ug/L	98
71) Naphthalene	15.359	128	372529	27.462	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	152377	26.102	ug/L	97

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

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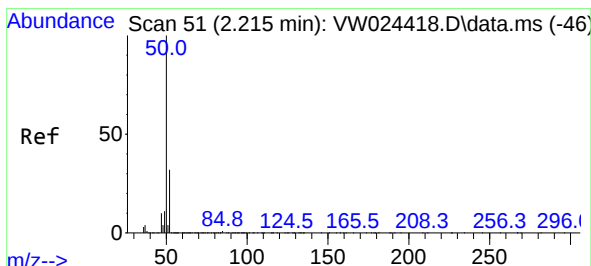
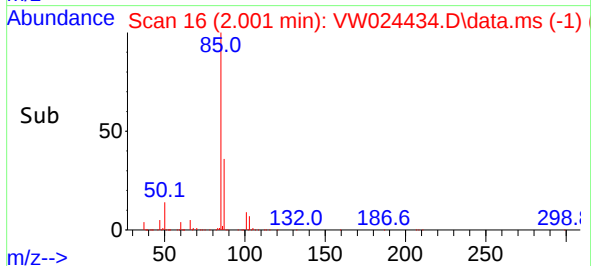
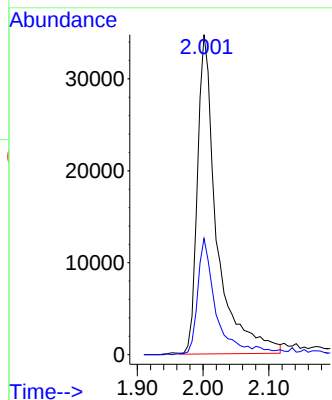
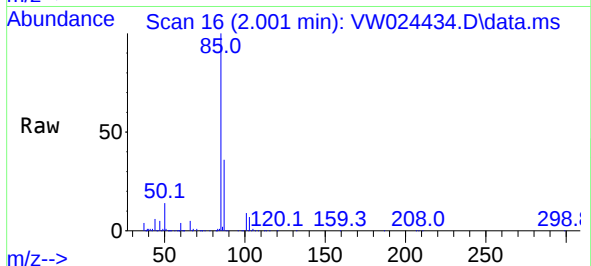




#2
Dichlorodifluoromethane
Concen: 20.044 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

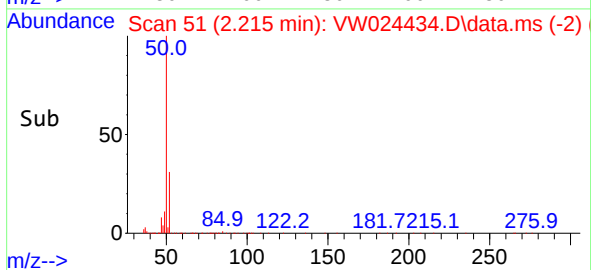
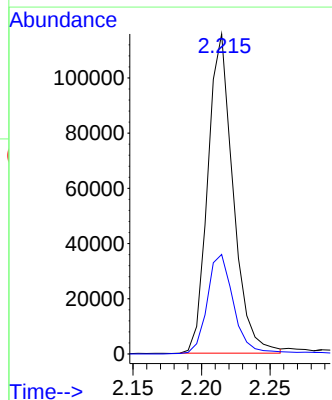
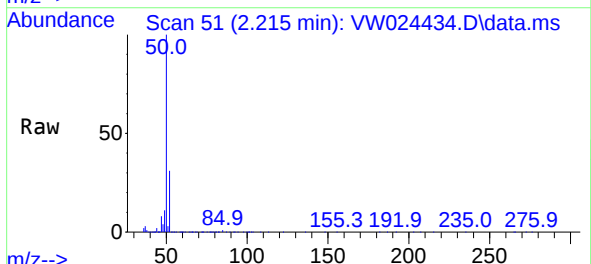
Instrument :
MSVOA_W
ClientSampleId :

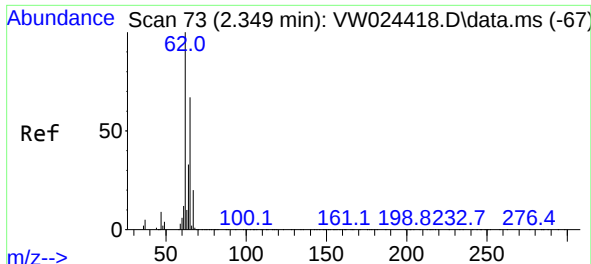
Tgt Ion: 85 Resp: 71265
Ion Ratio Lower Upper
85 100
87 32.4 24.7 37.1



#3
Chloromethane
Concen: 22.418 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion: 50 Resp: 148915
Ion Ratio Lower Upper
50 100
52 31.1 22.3 41.5

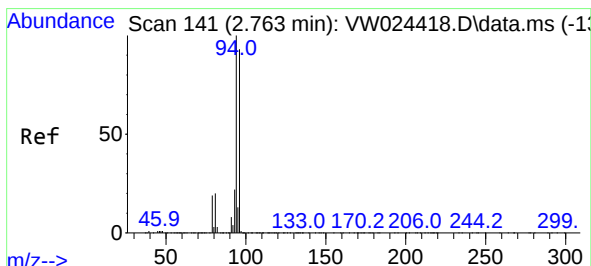
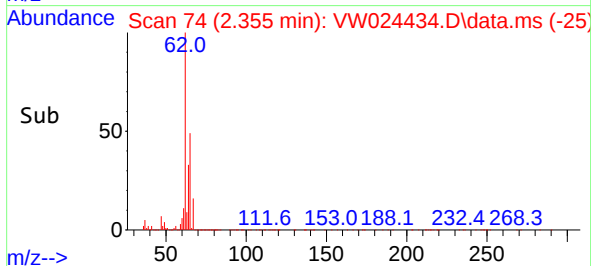
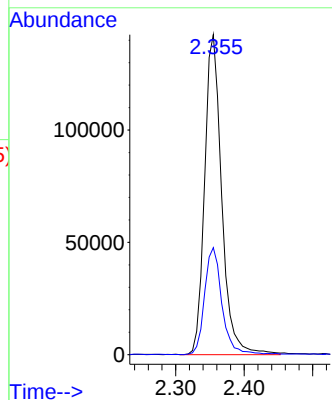
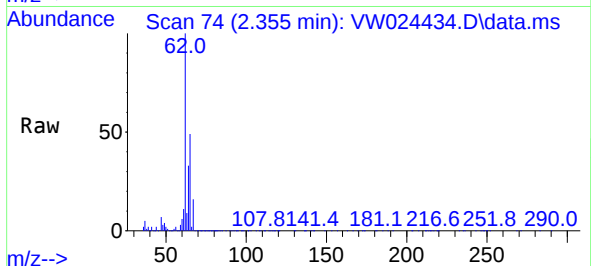




#5
 Vinyl chloride
 Concen: 21.310 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024434.D
 Acq: 29 Aug 2022 08:37

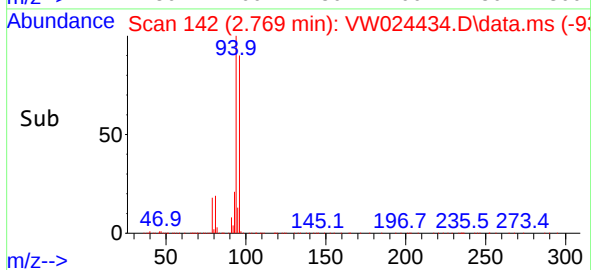
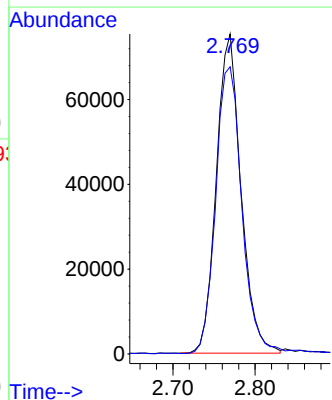
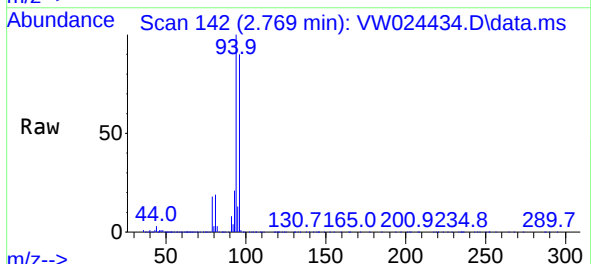
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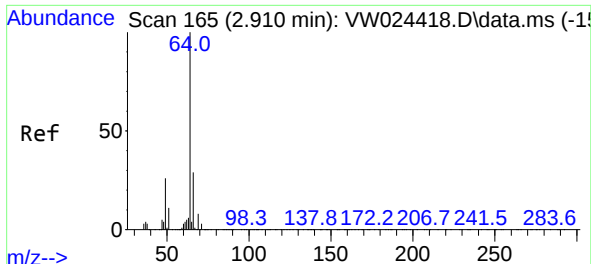
Tgt Ion: 62 Resp: 247453
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.6 43.8



#6
 Bromomethane
 Concen: 19.263 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW024434.D
 Acq: 29 Aug 2022 08:37

Tgt Ion: 94 Resp: 157009
 Ion Ratio Lower Upper
 94 100
 96 89.7 63.6 118.0

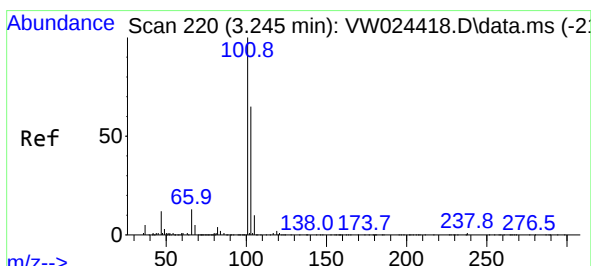
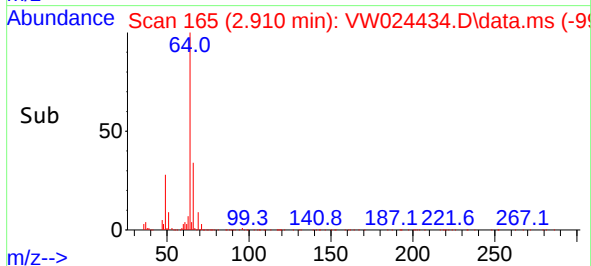
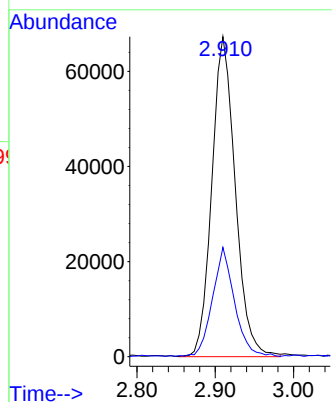
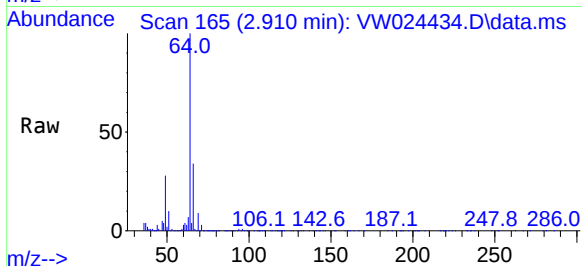




#8
Chloroethane
Concen: 23.088 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

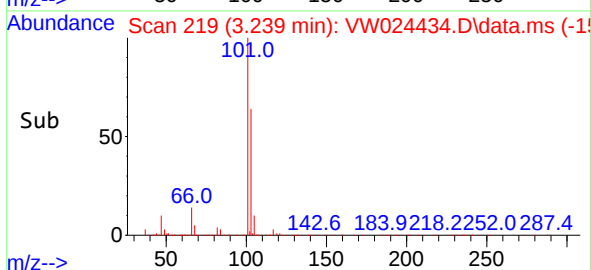
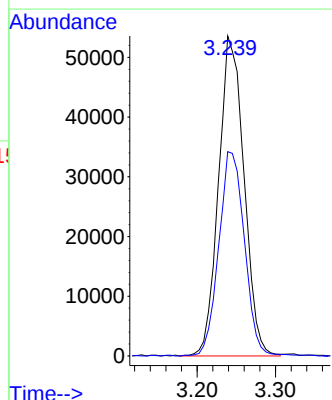
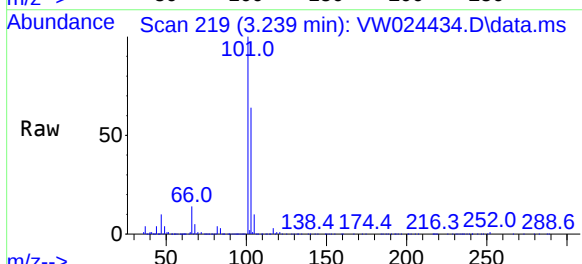
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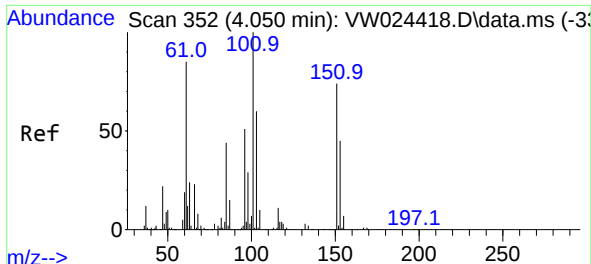
Tgt Ion: 64 Resp: 140055
Ion Ratio Lower Upper
64 100
66 34.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 22.104 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion: 101 Resp: 120700
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6

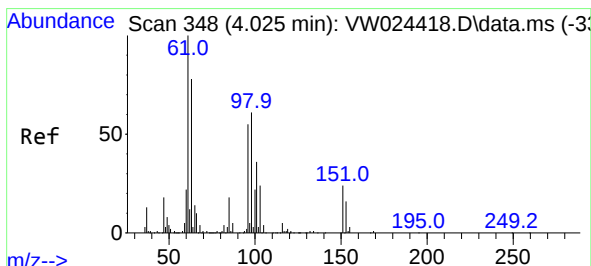
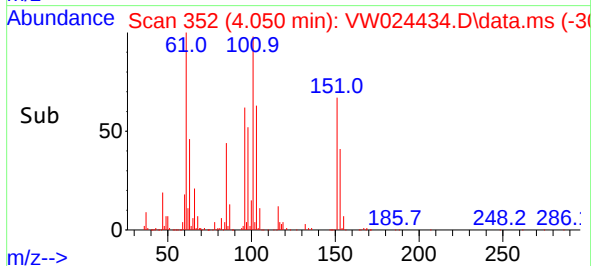
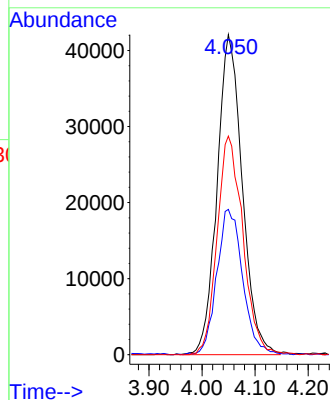
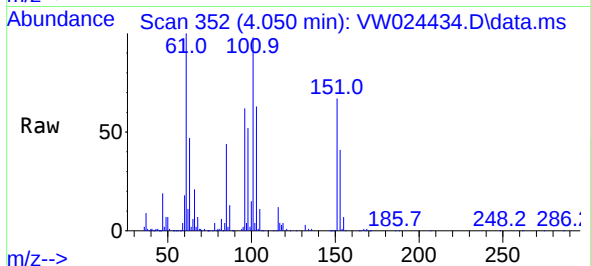




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.495 ug/L
RT: 4.050 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

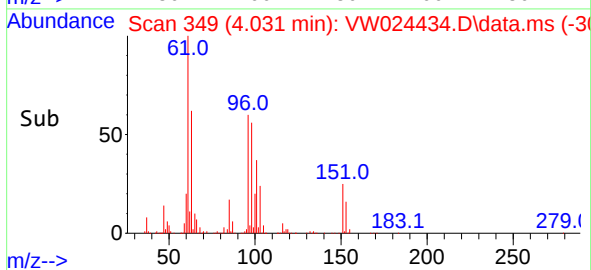
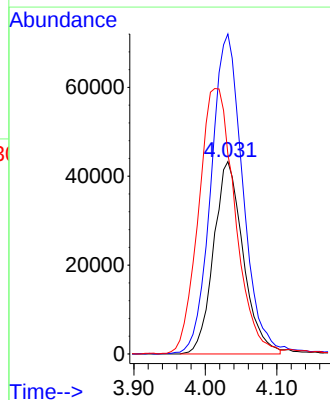
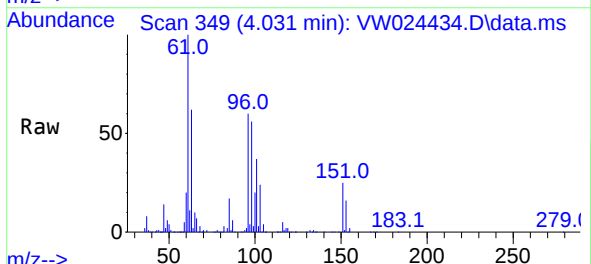
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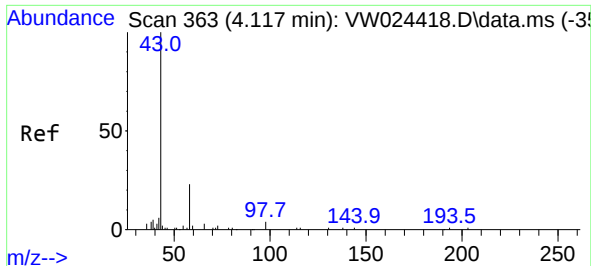
Tgt Ion:101 Resp: 138769
Ion Ratio Lower Upper
101 100
85 46.5 39.1 58.7
151 69.0 56.8 85.2



#12
1,1-Dichloroethene
Concen: 29.277 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion: 96 Resp: 124136
Ion Ratio Lower Upper
96 100
61 166.4 118.8 220.6
63 103.8 72.8 135.2

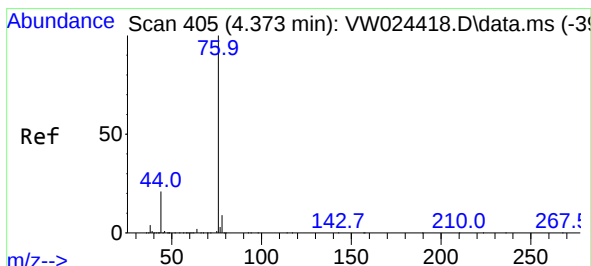
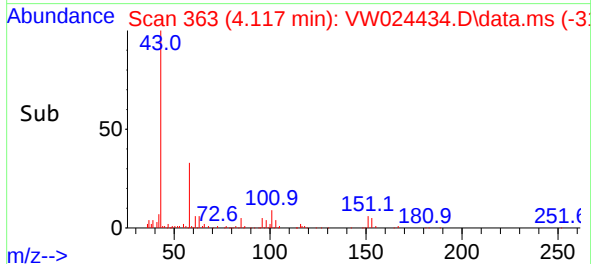
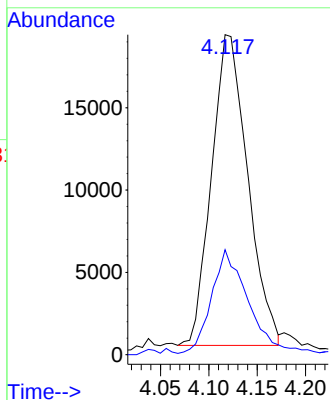
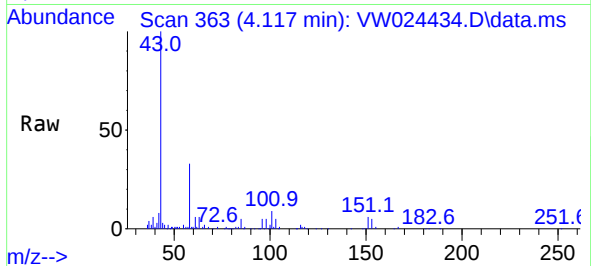




#13
Acetone
Concen: 45.628 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

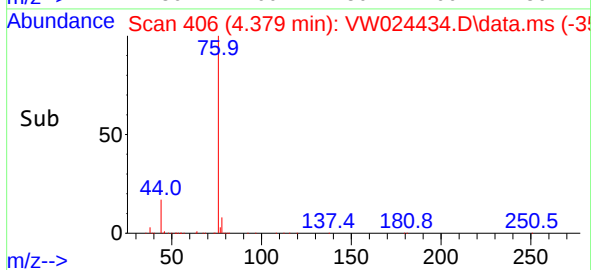
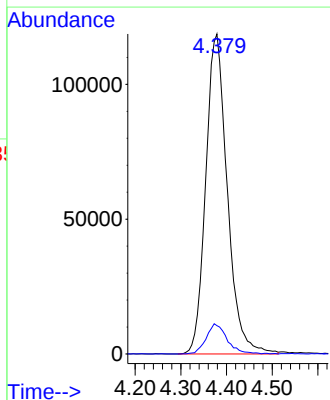
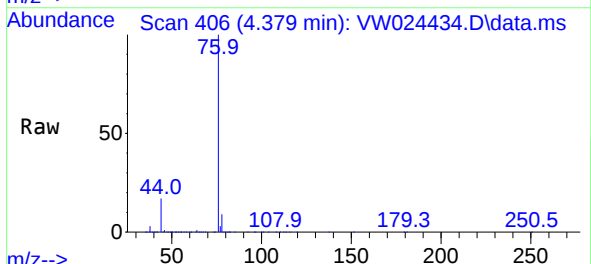
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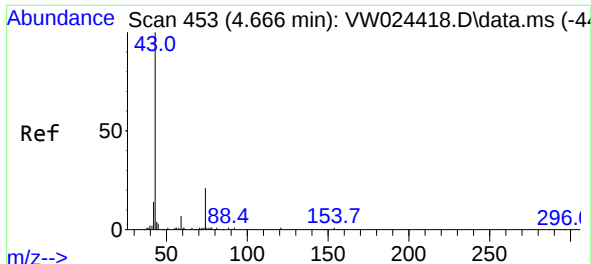
Tgt Ion: 43 Resp: 49077
Ion Ratio Lower Upper
43 100
58 34.5 0.0 58.4



#14
Carbon disulfide
Concen: 27.606 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion: 76 Resp: 389009
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

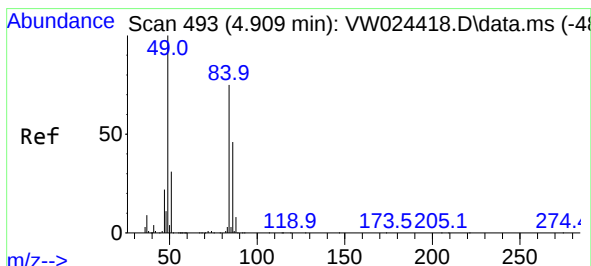
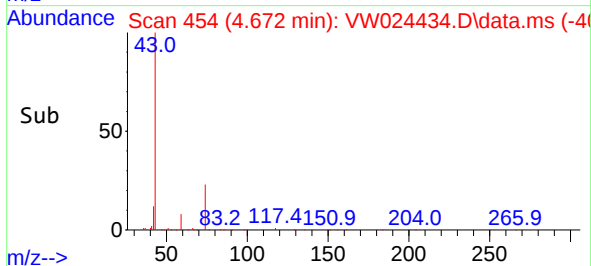
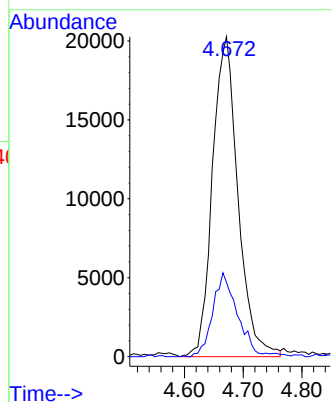
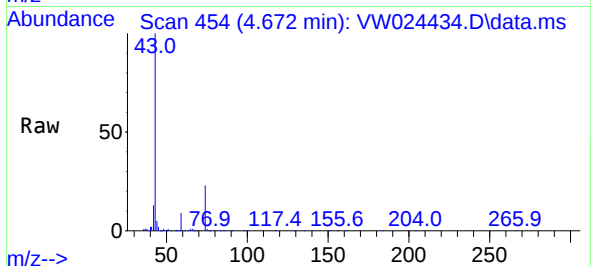




#15
Methyl Acetate
Concen: 23.210 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

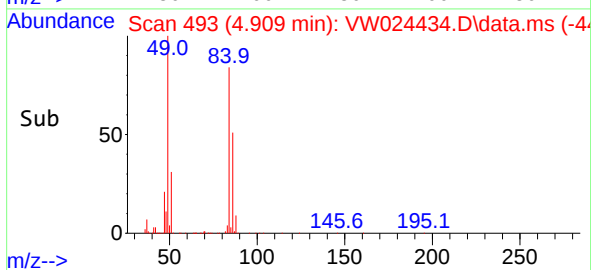
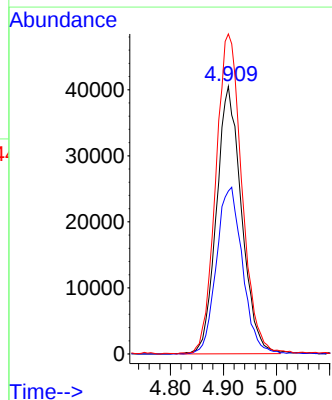
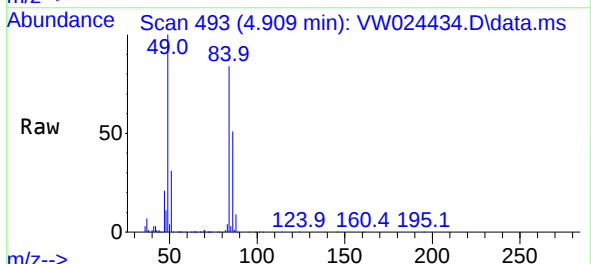
Instrument :
MSVOA_W
ClientSampleId :

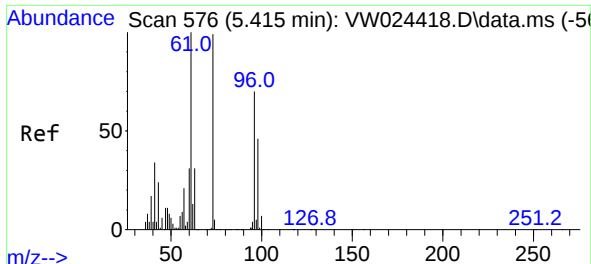
Tgt Ion: 43 Resp: 61072
Ion Ratio Lower Upper
43 100
74 25.0 17.9 26.9



#16
Methylene chloride
Concen: 22.320 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

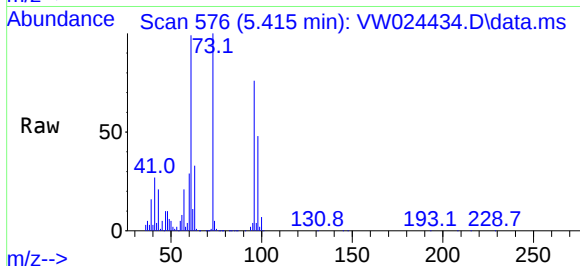
Tgt Ion: 84 Resp: 132881
Ion Ratio Lower Upper
84 100
86 60.9 47.7 88.7
49 119.6 96.6 179.4



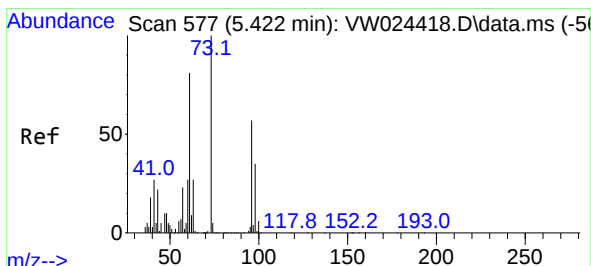
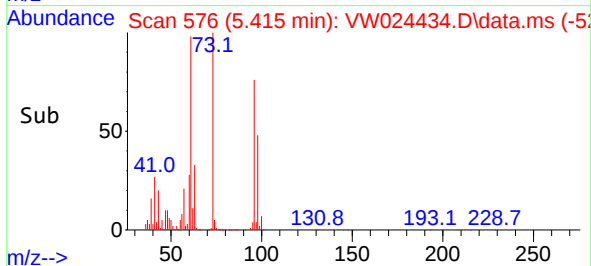
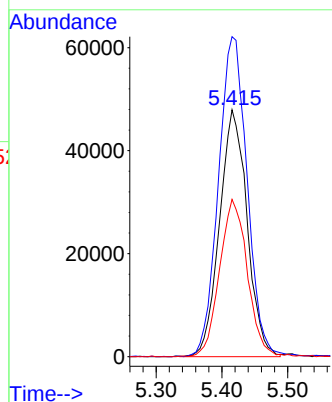


#17
trans-1,2-Dichloroethene
Concen: 27.867 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Instrument :
MSVOA_W
ClientSampleId :

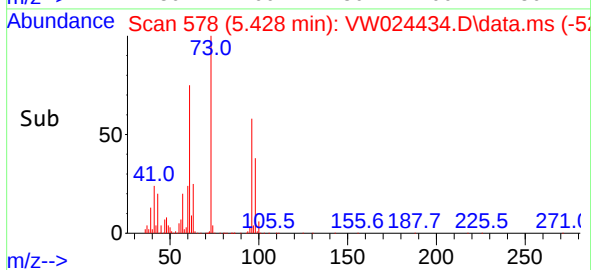
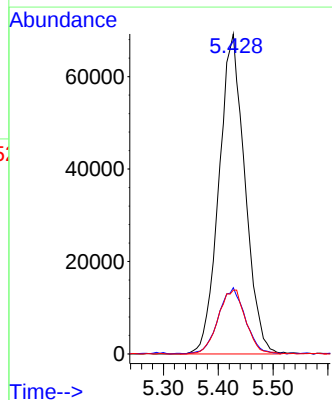
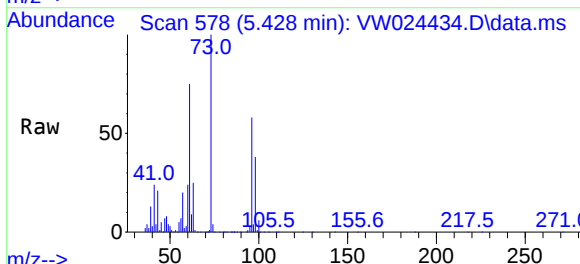


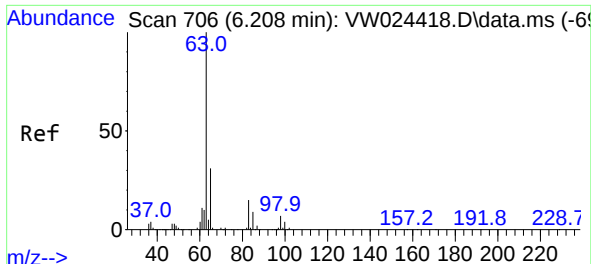
Tgt Ion: 96 Resp: 139859
Ion Ratio Lower Upper
96 100
61 129.6 92.1 171.1
98 63.7 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 27.653 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion: 73 Resp: 227244
Ion Ratio Lower Upper
73 100
43 21.3 18.8 28.2
57 21.2 18.1 27.1





#19

1,1-Dichloroethane

Concen: 25.675 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW024434.D

Acq: 29 Aug 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

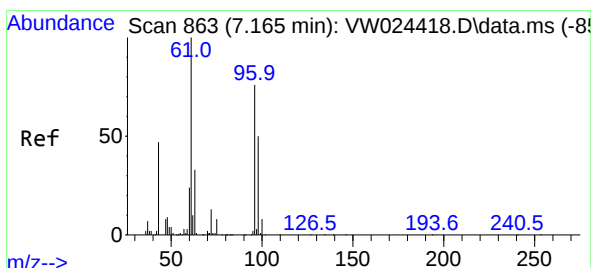
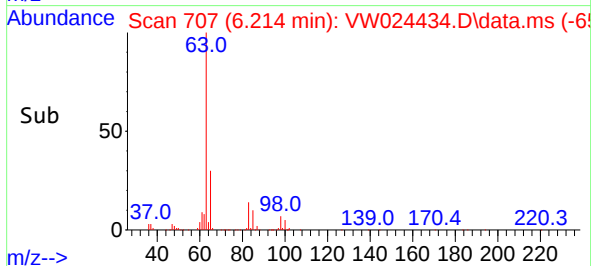
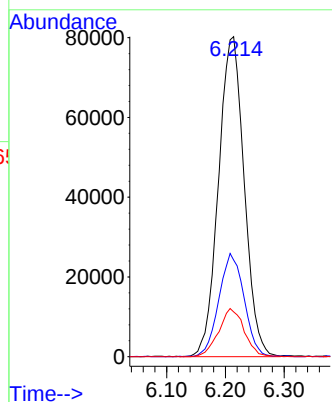
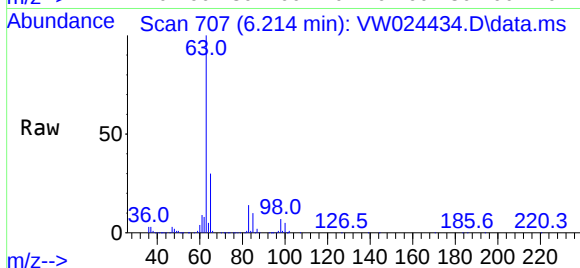
Tgt Ion: 63 Resp: 243665

Ion Ratio Lower Upper

63 100

65 30.2 23.6 43.8

83 14.0 10.4 19.4



#20

cis-1,2-Dichloroethene

Concen: 26.889 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024434.D

Acq: 29 Aug 2022 08:37

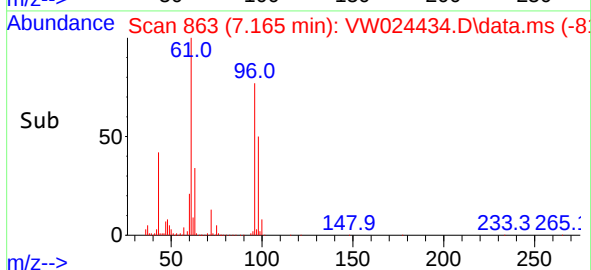
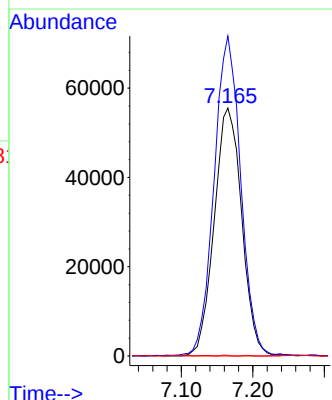
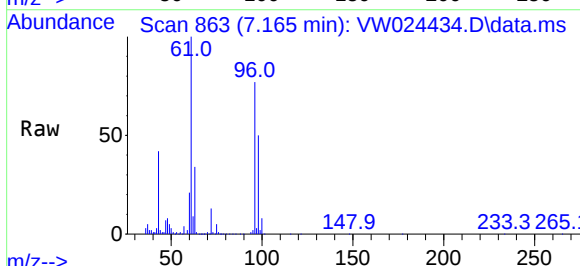
Tgt Ion: 96 Resp: 148405

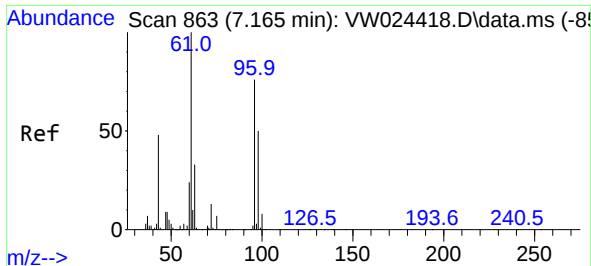
Ion Ratio Lower Upper

96 100

61 129.1 90.2 167.6

68 0.3 0.0 0.0

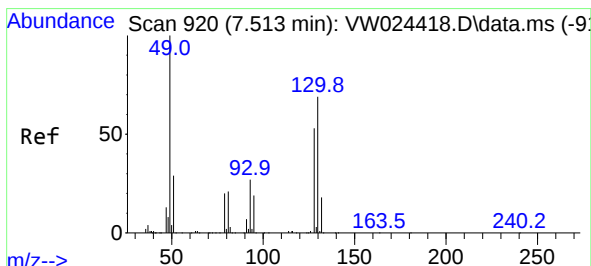
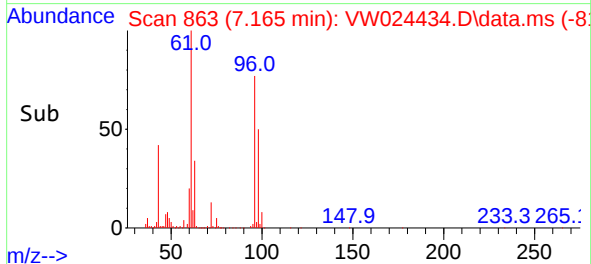
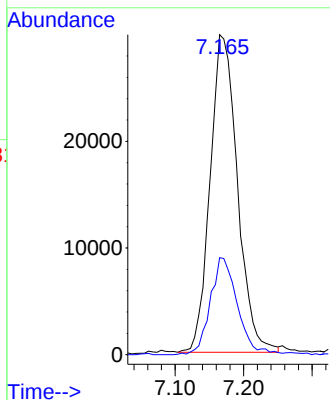
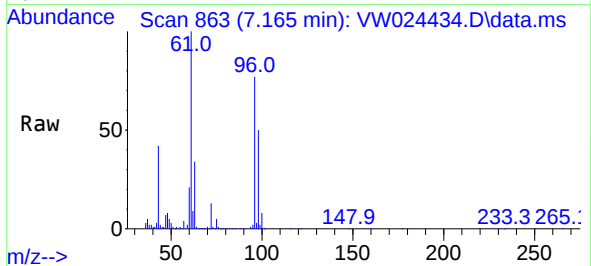




#22
2-Butanone
Concen: 43.002 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

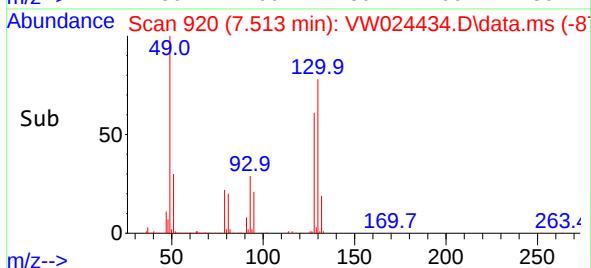
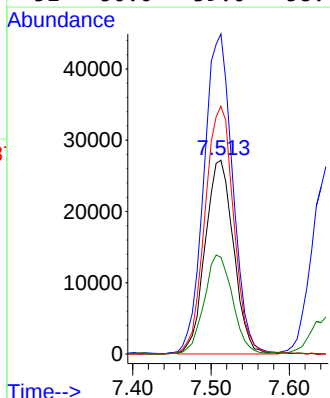
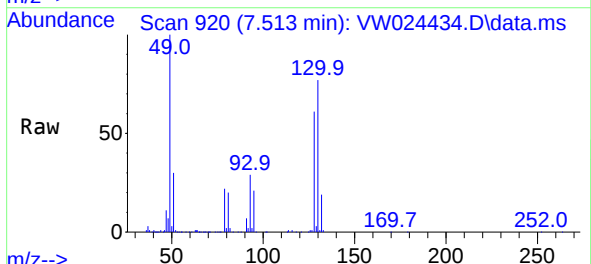
Instrument :
MSVOA_W
ClientSampleId :

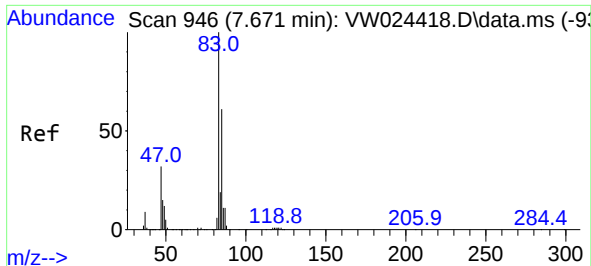
Tgt Ion: 43 Resp: 82522
Ion Ratio Lower Upper
43 100
72 29.3 13.9 41.6



#23
Bromochloromethane
Concen: 25.398 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion: 128 Resp: 68448
Ion Ratio Lower Upper
128 100
49 165.2 122.1 226.7
130 127.9 91.1 169.1
51 50.0 39.0 58.4

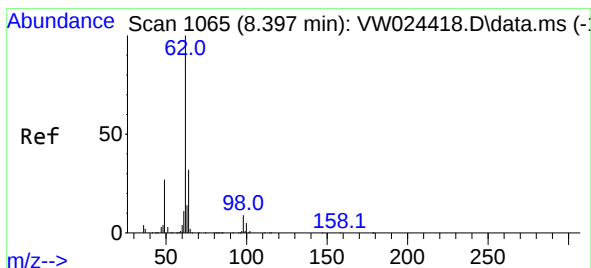
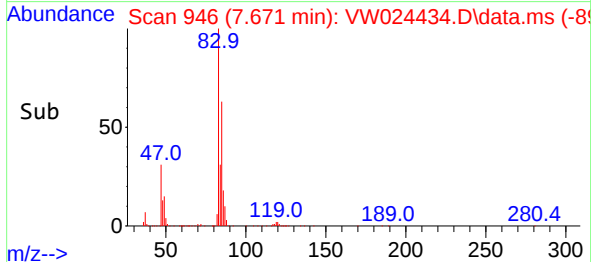
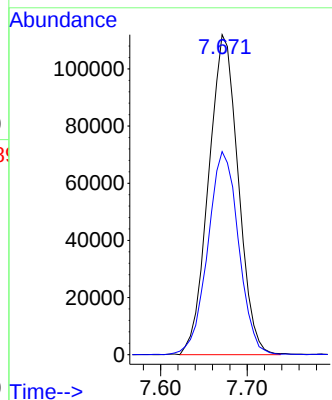
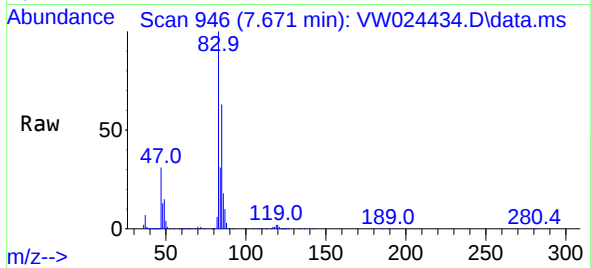




#25
Chloroform
Concen: 25.305 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

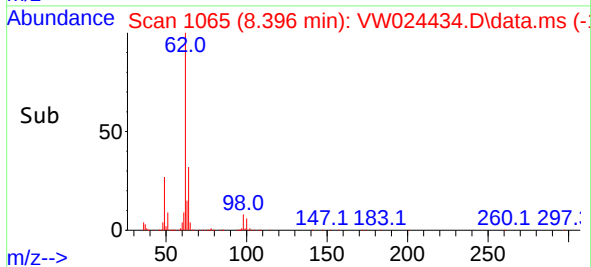
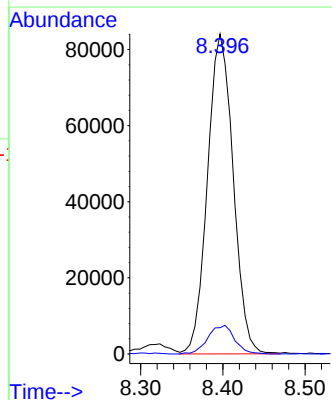
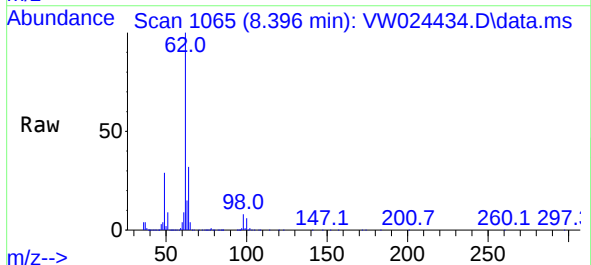
Instrument :
MSVOA_W
ClientSampleId :

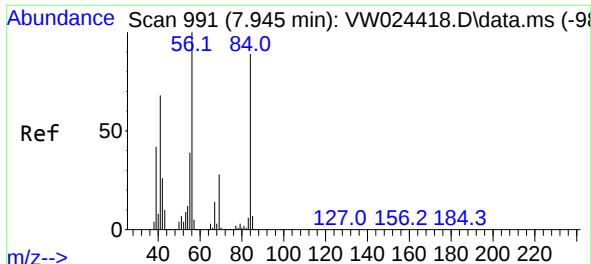
Tgt Ion: 83 Resp: 266452
Ion Ratio Lower Upper
83 100
85 63.5 47.5 88.1



#27
1,2-Dichloroethane
Concen: 23.789 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion: 62 Resp: 182335
Ion Ratio Lower Upper
62 100
98 8.2 6.7 10.1





#29

Cyclohexane

Concen: 29.986 ug/L

RT: 7.951 min Scan# 991

Delta R.T. -0.000 min

Lab File: VW024434.D

Acq: 29 Aug 2022 08:37

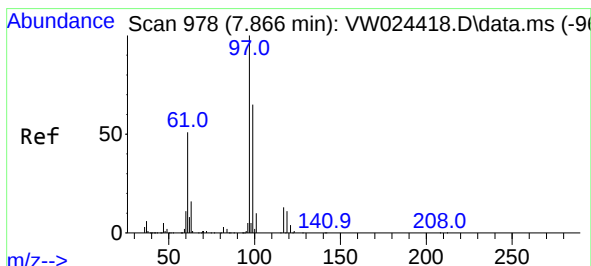
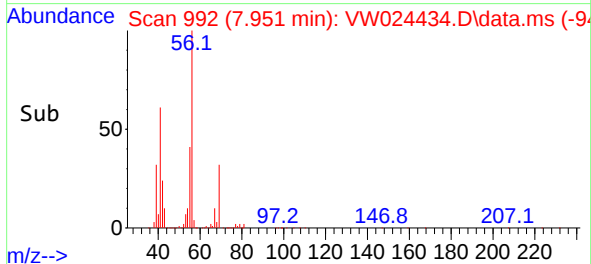
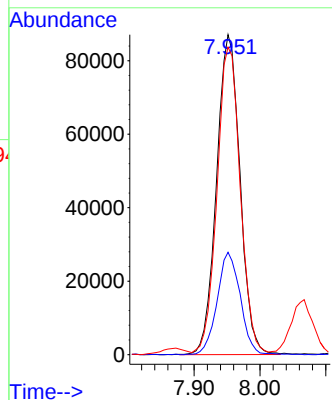
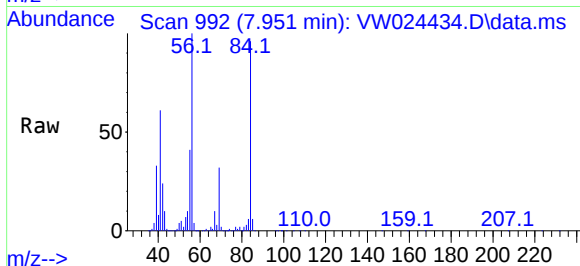
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 216210

Ion	Ratio	Lower	Upper
56	100		
69	31.6	23.5	35.3
84	95.1	72.2	108.4



#30

1,1,1-Trichloroethane

Concen: 27.458 ug/L

RT: 7.866 min Scan# 978

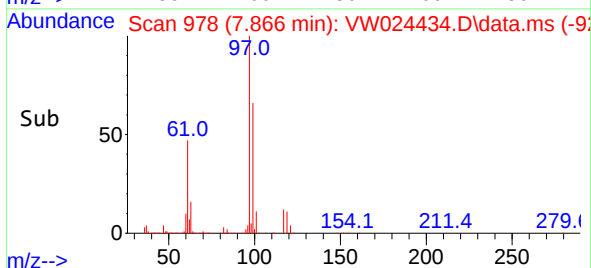
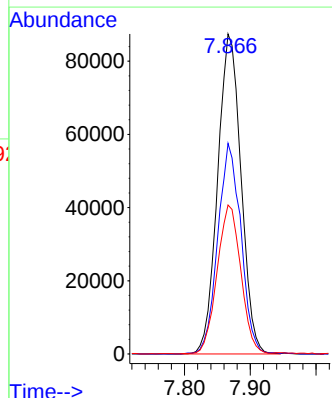
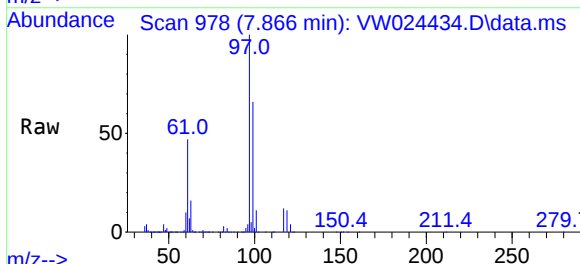
Delta R.T. -0.000 min

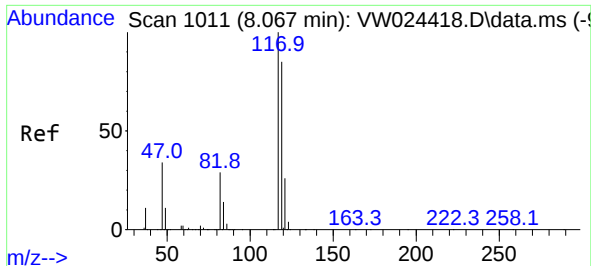
Lab File: VW024434.D

Acq: 29 Aug 2022 08:37

Tgt Ion: 97 Resp: 216513

Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.2	75.2
61	47.3	40.2	60.4

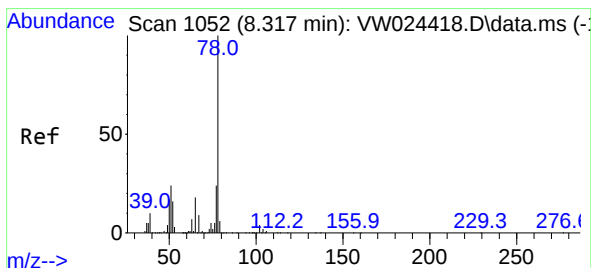
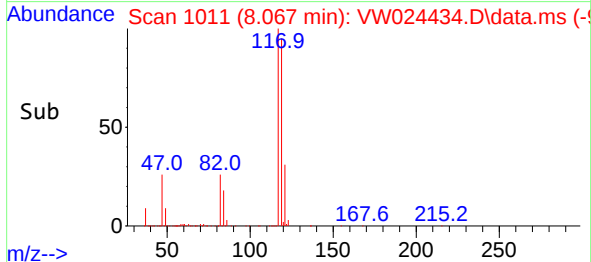
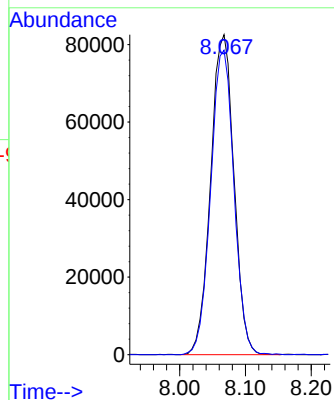
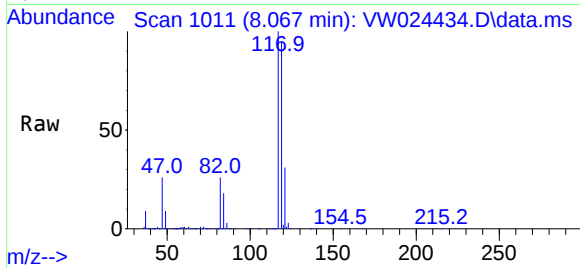




#31
Carbon tetrachloride
Concen: 28.175 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

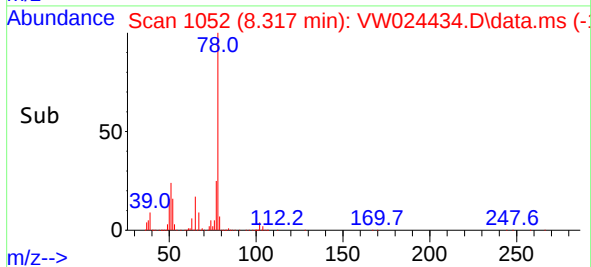
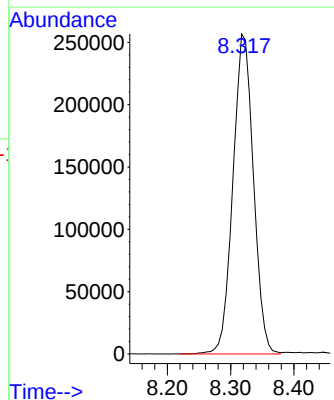
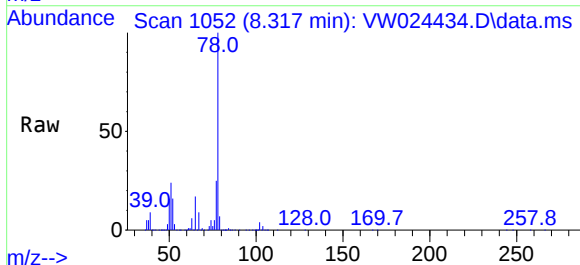
Instrument :
MSVOA_W
ClientSampleId :

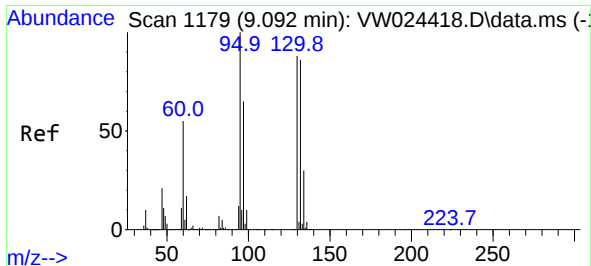
Tgt Ion:117 Resp: 203246
Ion Ratio Lower Upper
117 100
119 94.9 75.9 113.9



#33
Benzene
Concen: 27.824 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

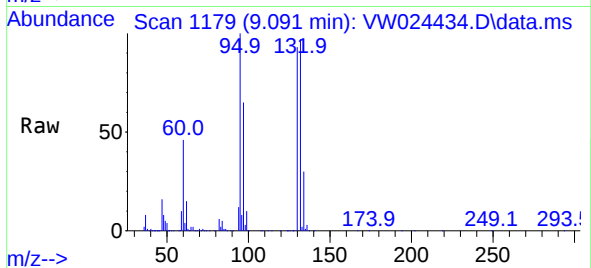
Tgt Ion: 78 Resp: 579382





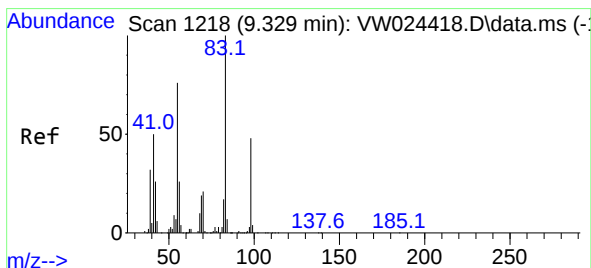
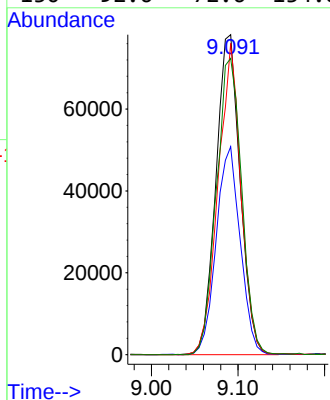
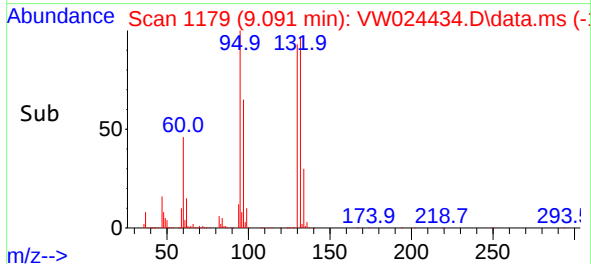
#34
Trichloroethene
Concen: 27.735 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Instrument :
MSVOA_W
ClientSampleId :

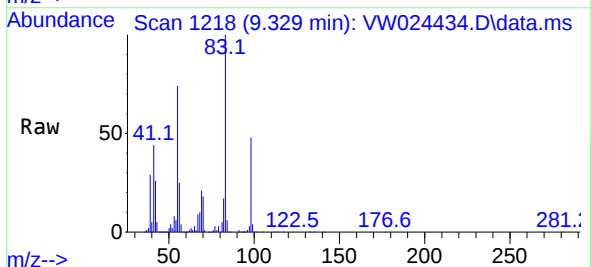


Tgt Ion: 95 Resp: 152217

Ion	Ratio	Lower	Upper
95	100		
97	65.0	48.4	89.8
132	97.2	68.6	127.4
130	92.6	72.6	134.8

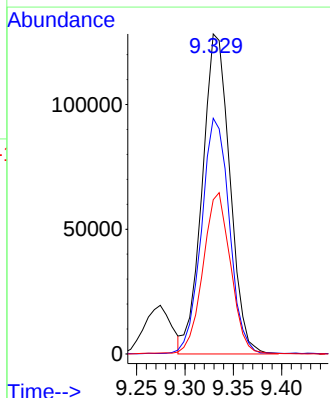
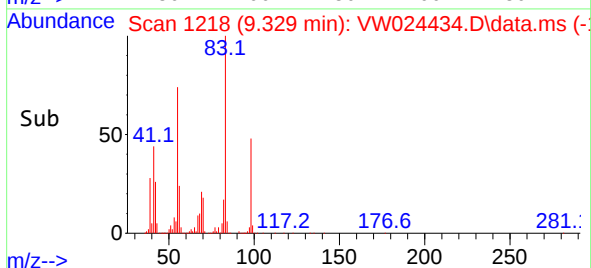


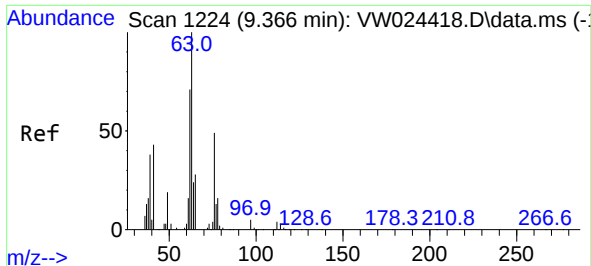
#35
Methylcyclohexane
Concen: 28.955 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37



Tgt Ion: 83 Resp: 254960

Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.1	90.1
98	50.3	40.5	60.7





#37

1,2-Dichloropropane

Concen: 26.581 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024434.D

Acq: 29 Aug 2022 08:37

Instrument :

MSVOA_W

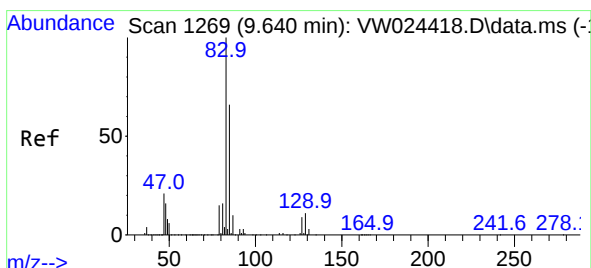
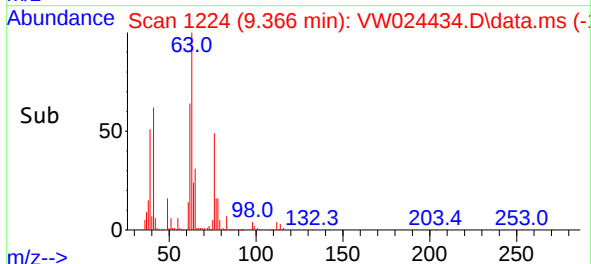
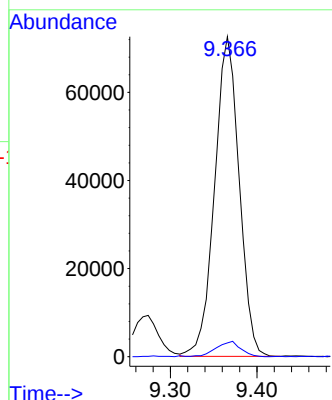
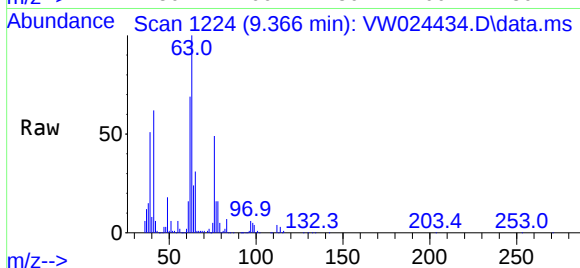
ClientSampleId :

Tgt Ion: 63 Resp: 142839

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.0



#38

Bromodichloromethane

Concen: 26.948 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024434.D

Acq: 29 Aug 2022 08:37

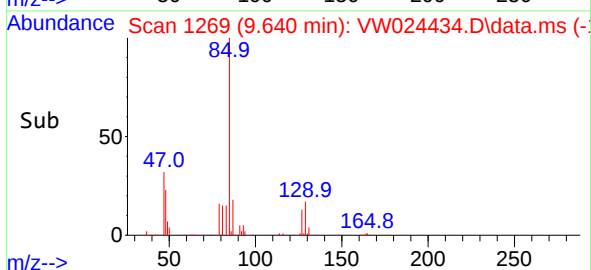
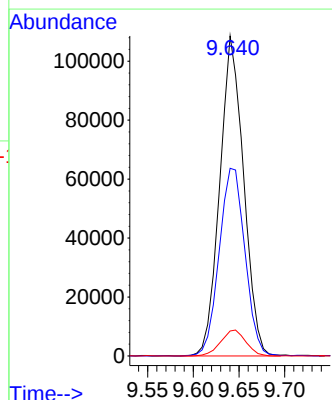
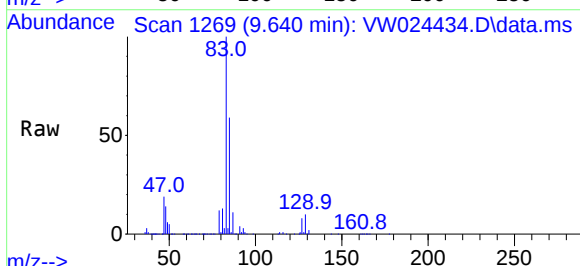
Tgt Ion: 83 Resp: 197206

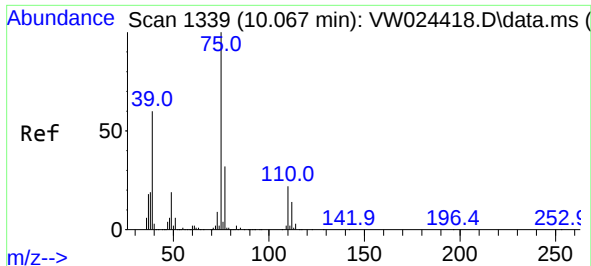
Ion Ratio Lower Upper

83 100

85 58.6 46.3 85.9

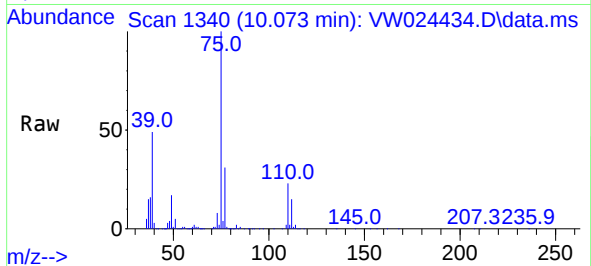
127 7.8 6.7 10.1



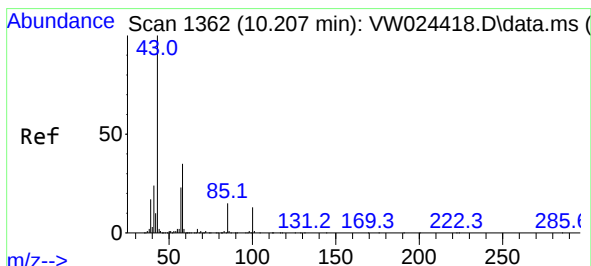
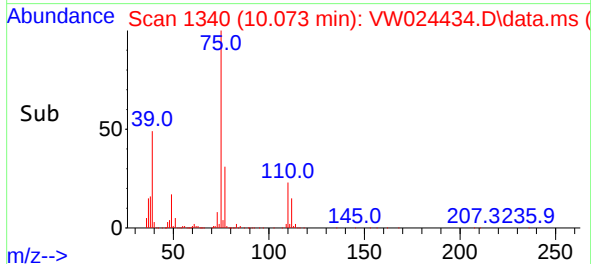
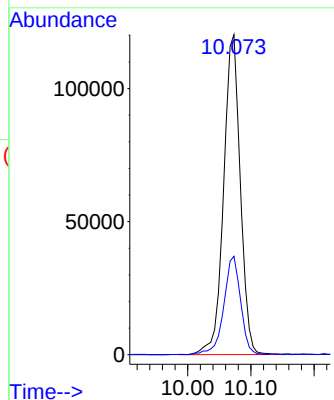


#39
cis-1,3-Dichloropropene
Concen: 29.261 ug/L
RT: 10.073 min Scan# 1339
Delta R.T. 0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Instrument :
MSVOA_W
ClientSampleId :

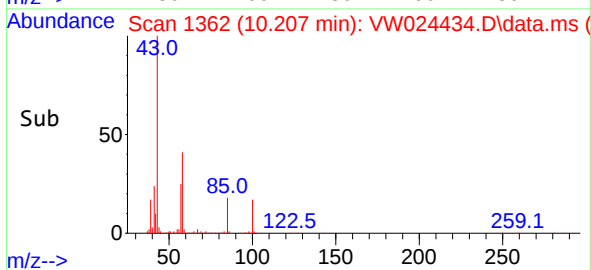
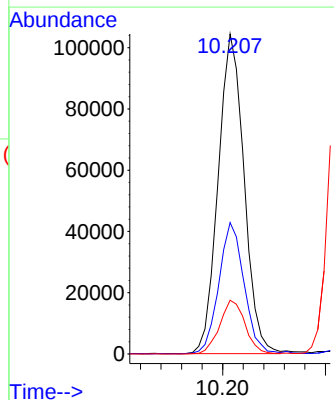
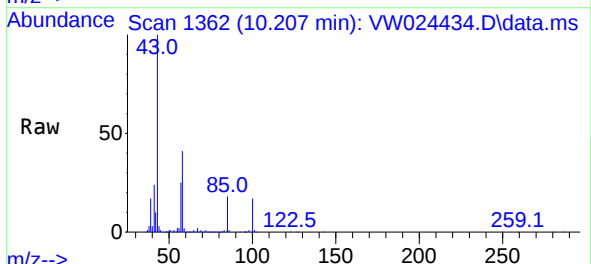


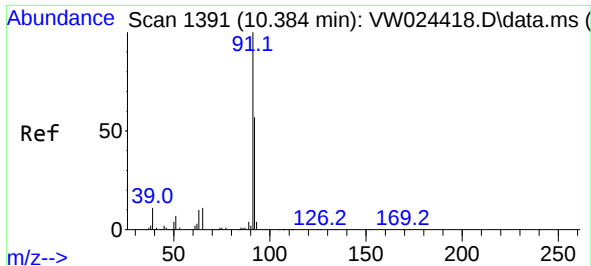
Tgt Ion: 75 Resp: 219807
Ion Ratio Lower Upper
75 100
77 30.8 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 47.734 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion: 43 Resp: 182403
Ion Ratio Lower Upper
43 100
58 40.1 29.4 44.2
100 16.6 11.8 17.8

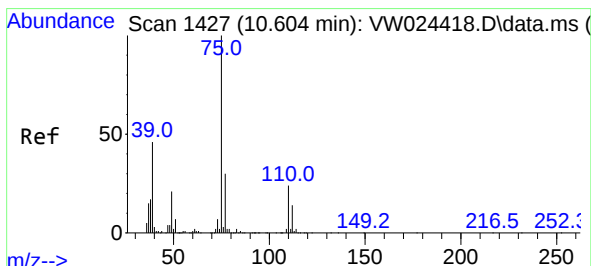
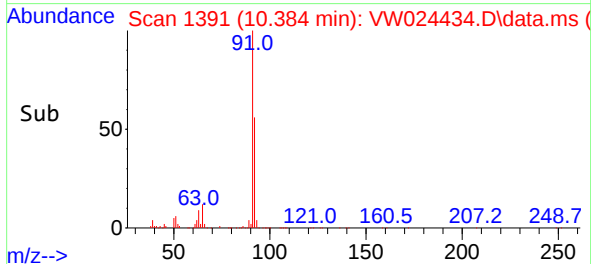
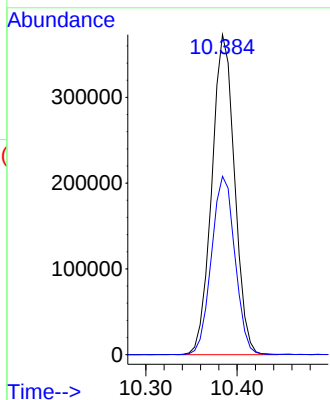
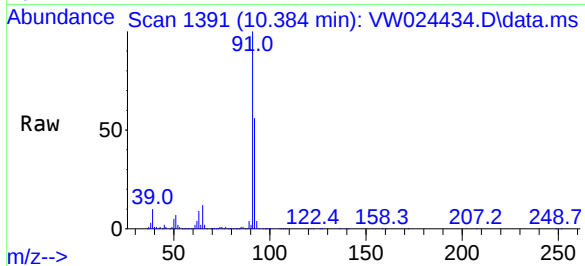




#42
Toluene
Concen: 28.059 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

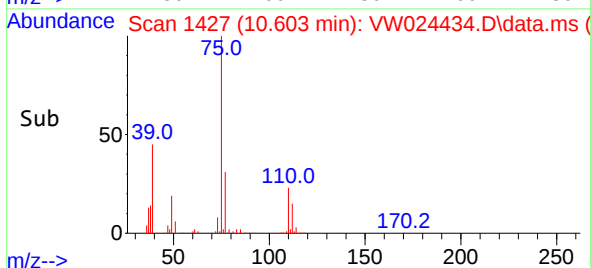
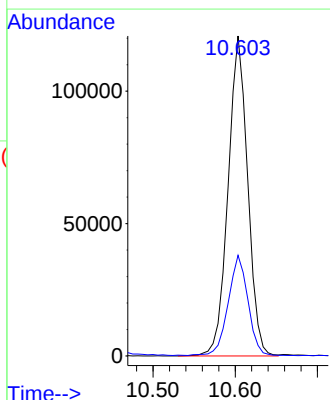
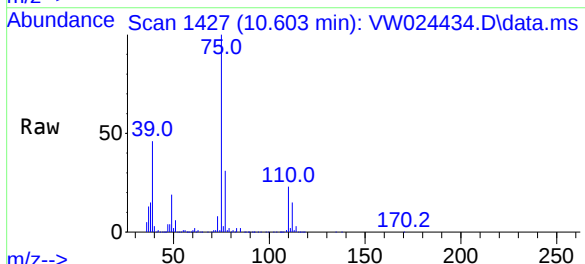
Instrument :
MSVOA_W
ClientSampleId :

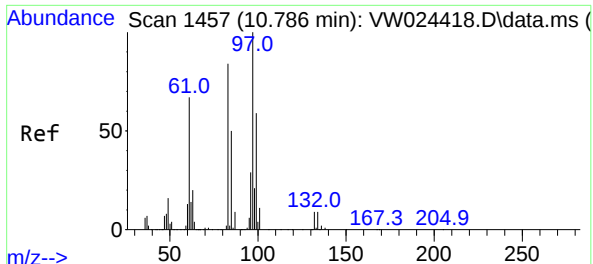
Tgt Ion: 91 Resp: 644808
Ion Ratio Lower Upper
91 100
92 55.8 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 27.407 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion: 75 Resp: 200051
Ion Ratio Lower Upper
75 100
77 31.4 21.1 39.1



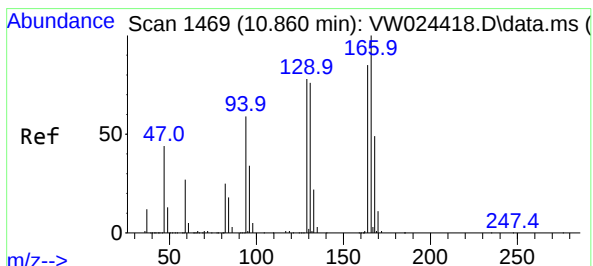
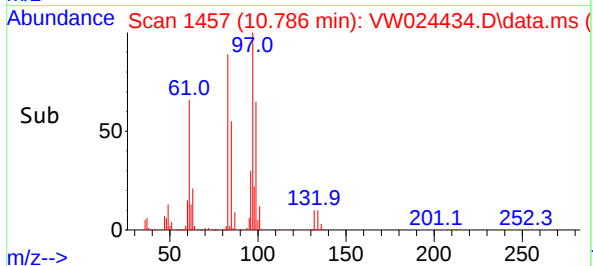
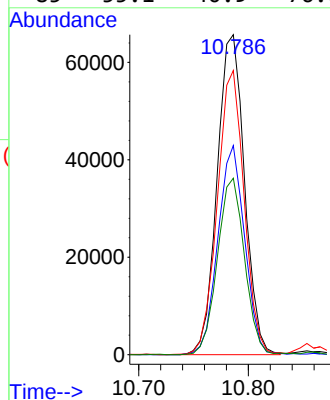
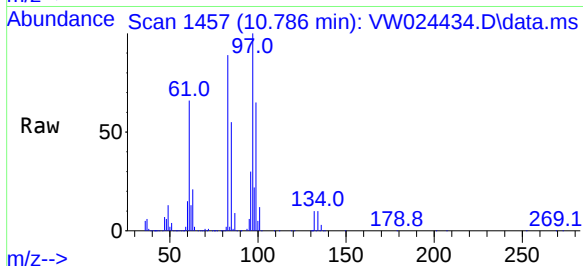


#45
1,1,2-Trichloroethane
Concen: 25.985 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 113871

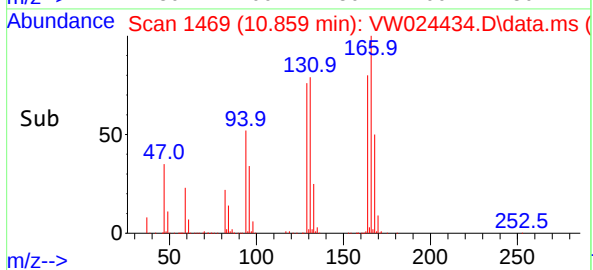
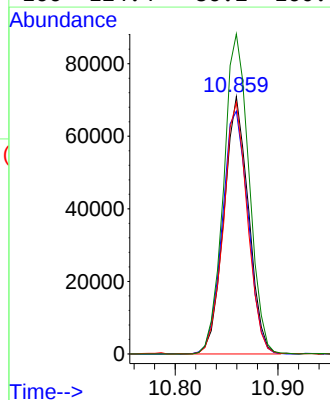
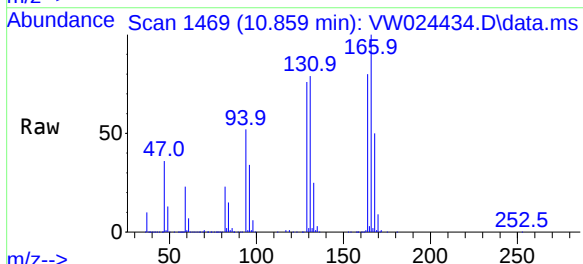
Ion	Ratio	Lower	Upper
97	100		
99	65.3	40.4	75.0
83	88.8	60.1	111.5
85	55.1	40.9	76.0

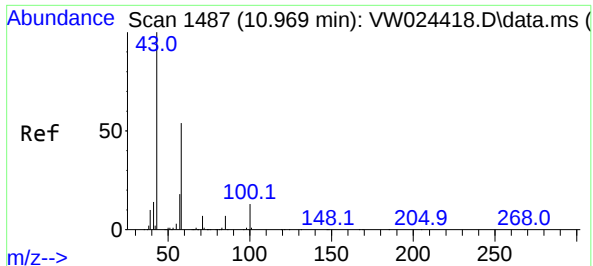


#46
Tetrachloroethene
Concen: 27.593 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion:164 Resp: 117613

Ion	Ratio	Lower	Upper
164	100		
129	94.4	72.9	135.3
131	97.8	63.7	118.3
166	124.4	86.2	160.0





#48

2-Hexanone

Concen: 47.184 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW024434.D

Acq: 29 Aug 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 132992

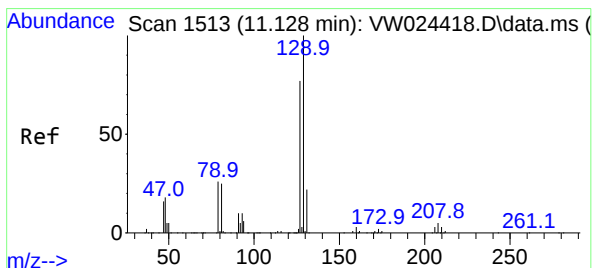
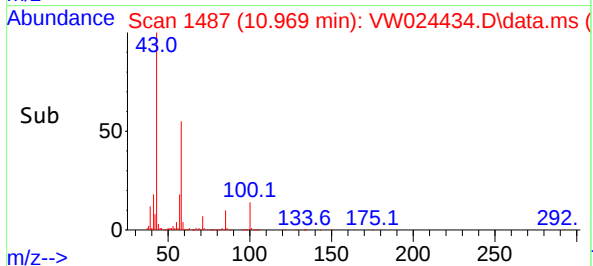
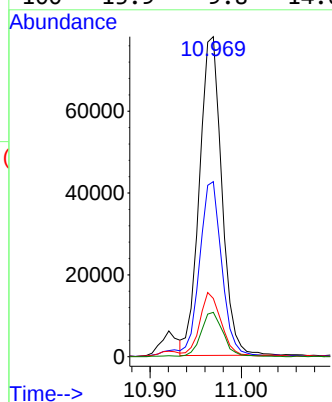
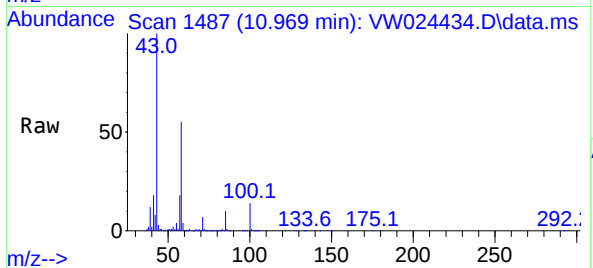
Ion Ratio Lower Upper

43 100

58 54.4 40.6 61.0

57 19.0 14.2 21.2

100 13.9 9.8 14.6



#49

Dibromochloromethane

Concen: 27.091 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024434.D

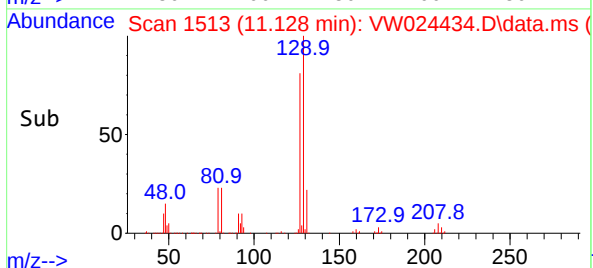
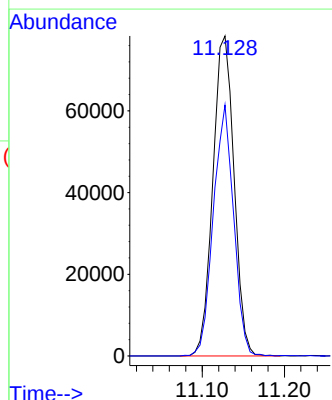
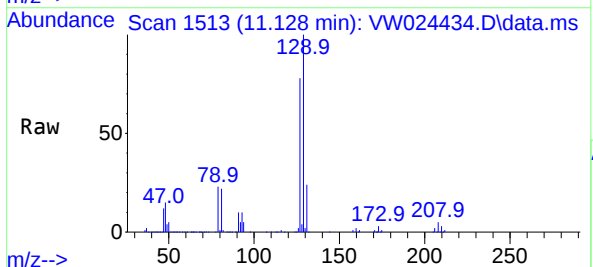
Acq: 29 Aug 2022 08:37

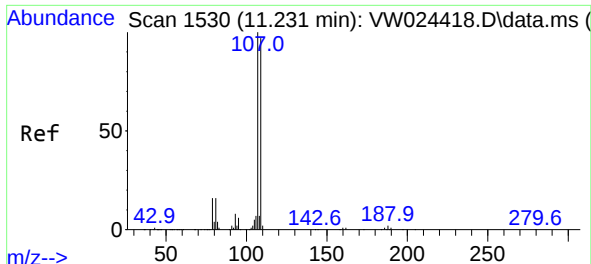
Tgt Ion:129 Resp: 140415

Ion Ratio Lower Upper

129 100

127 78.4 54.6 101.4

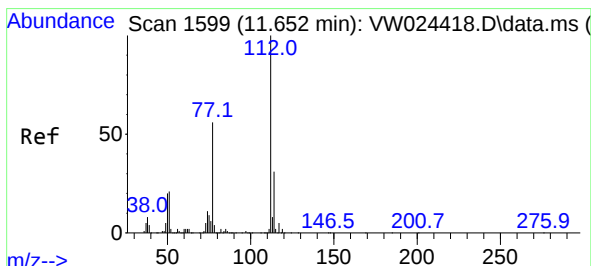
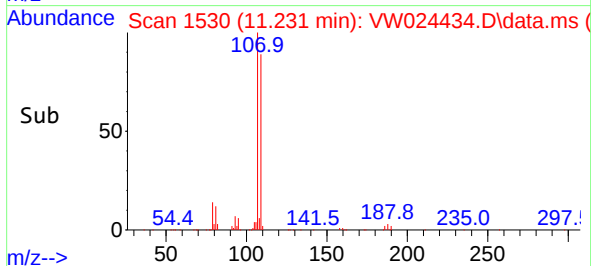
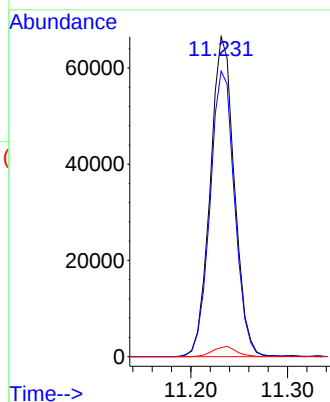
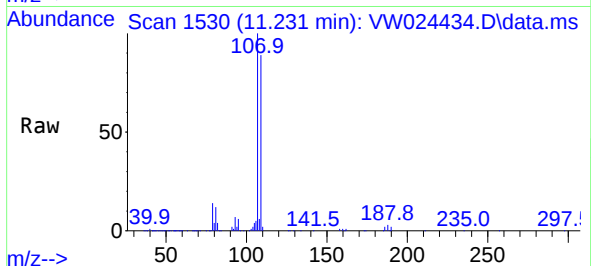




#50
1,2-Dibromoethane
Concen: 27.349 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

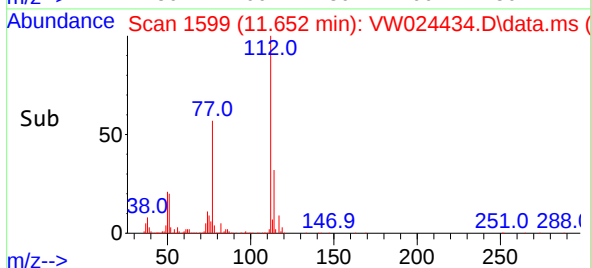
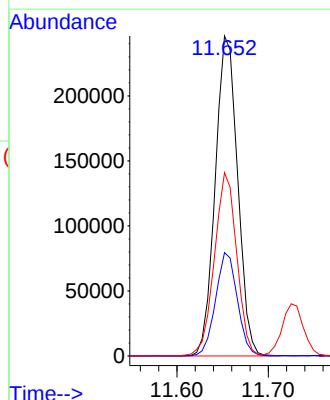
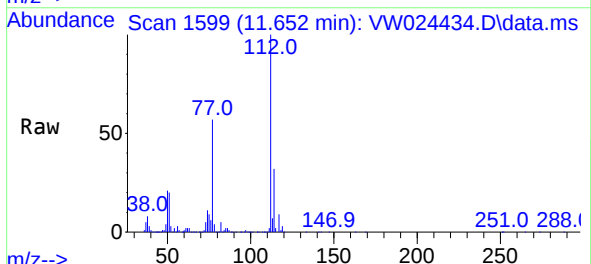
Instrument :
MSVOA_W
ClientSampleId :

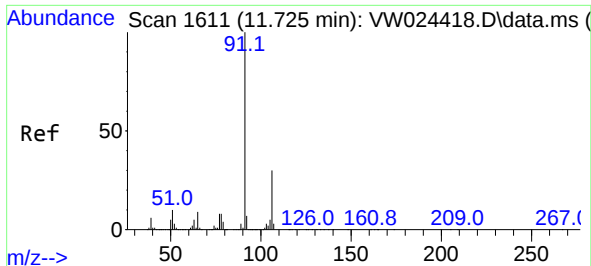
Tgt Ion:107 Resp: 115222
Ion Ratio Lower Upper
107 100
109 89.2 70.1 130.1
188 2.8 2.6 3.8



#51
Chlorobenzene
Concen: 27.171 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion:112 Resp: 419083
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.3
77 57.3 44.1 66.1

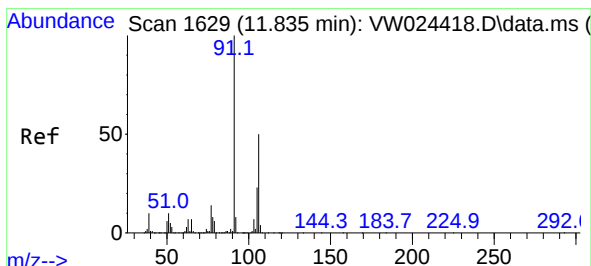
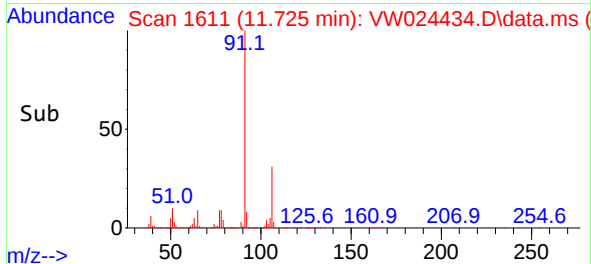
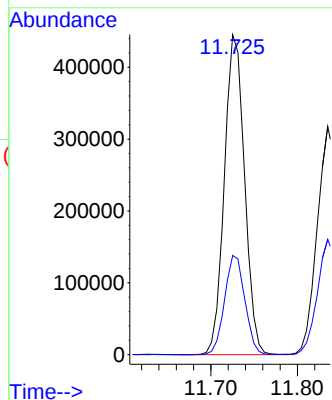
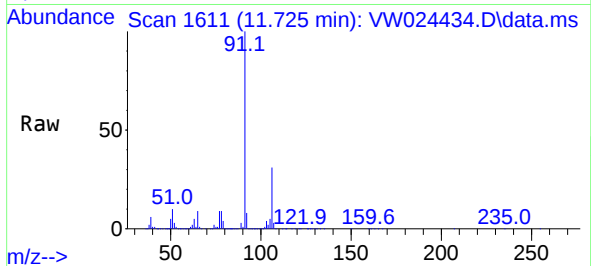




#52
Ethylbenzene
Concen: 28.395 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

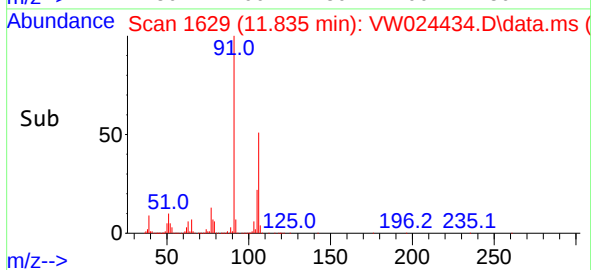
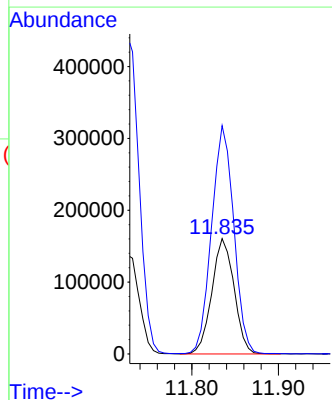
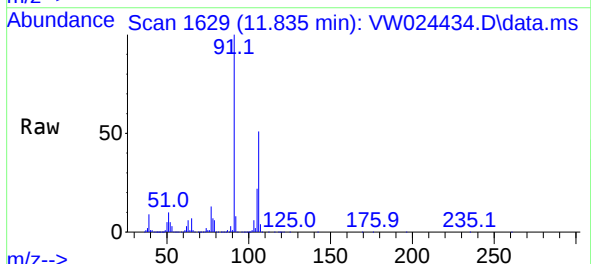
Instrument :
MSVOA_W
ClientSampleId :

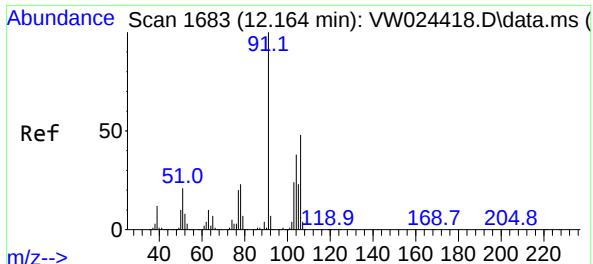
Tgt Ion: 91 Resp: 721428
Ion Ratio Lower Upper
91 100
106 31.0 22.7 42.3



#53
m,p-Xylene
Concen: 28.751 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion:106 Resp: 286874
Ion Ratio Lower Upper
106 100
91 197.7 144.3 267.9

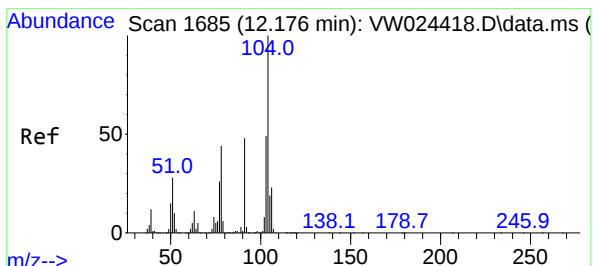
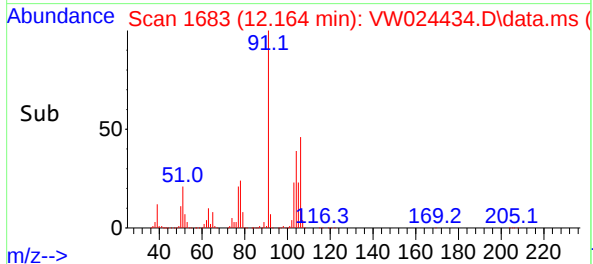
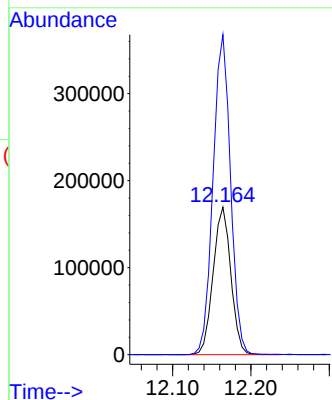
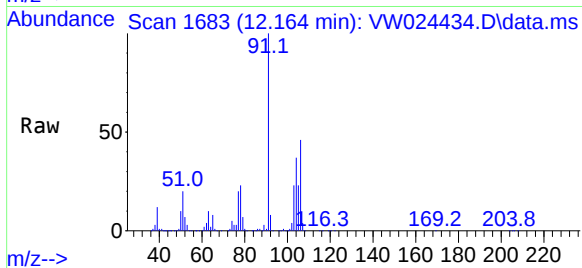




#54
o-Xylene
Concen: 28.548 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

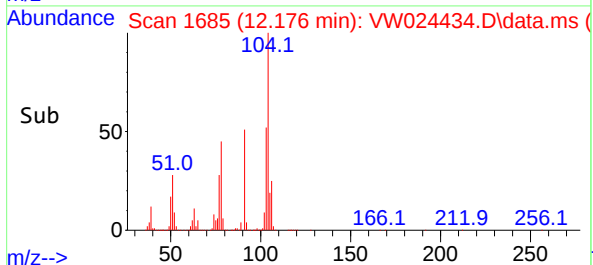
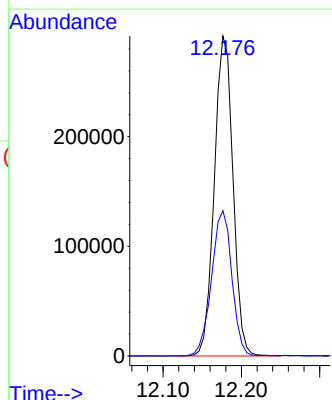
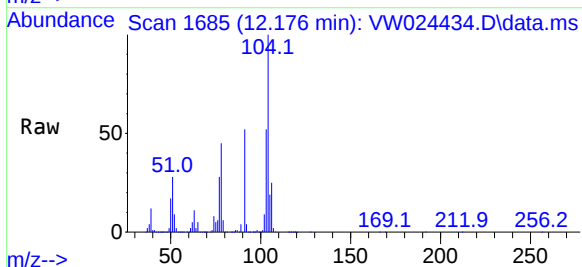
Instrument :
MSVOA_W
ClientSampleId :

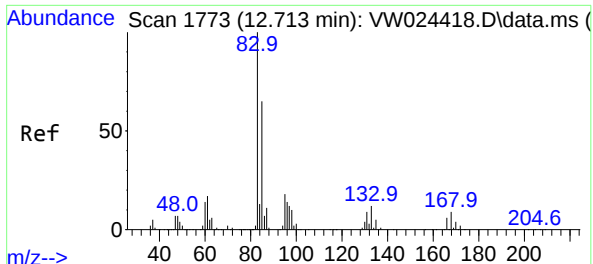
Tgt Ion:106 Resp: 266279
Ion Ratio Lower Upper
106 100
91 216.8 152.1 282.5



#55
Styrene
Concen: 29.284 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion:104 Resp: 482824
Ion Ratio Lower Upper
104 100
78 45.4 32.0 59.4

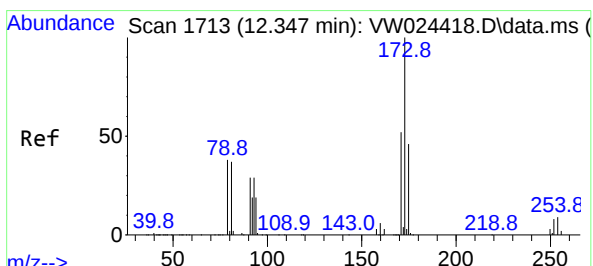
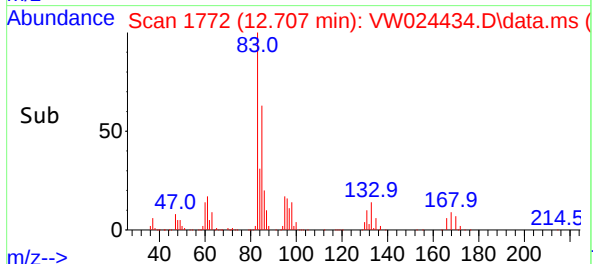
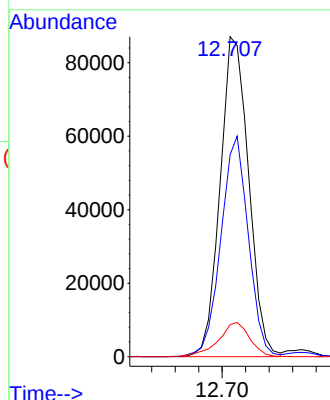
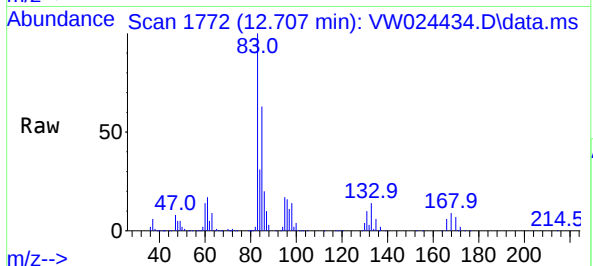




#57
1,1,2-Tetrachloroethane
Concen: 24.007 ug/L
RT: 12.707 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

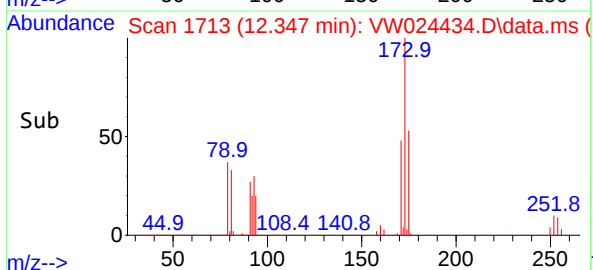
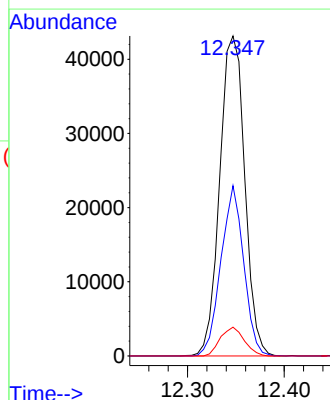
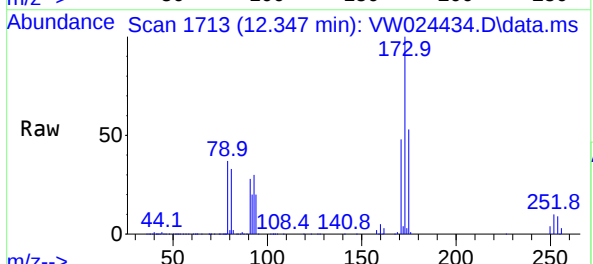
Instrument :
MSVOA_W
ClientSampleId :

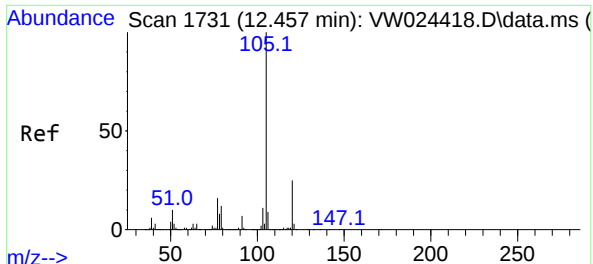
Tgt Ion: 83 Resp: 146844
Ion Ratio Lower Upper
83 100
85 63.1 44.4 82.5
131 10.0 8.4 12.6



#59
Bromoform
Concen: 24.851 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion:173 Resp: 77310
Ion Ratio Lower Upper
173 100
175 48.4 39.8 59.6
254 8.6 6.8 10.2

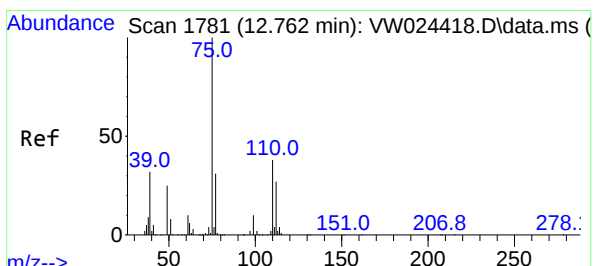
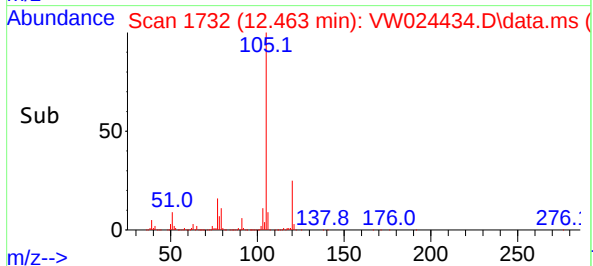
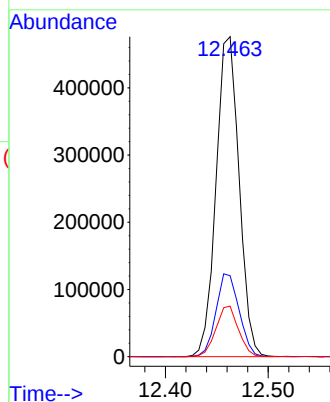
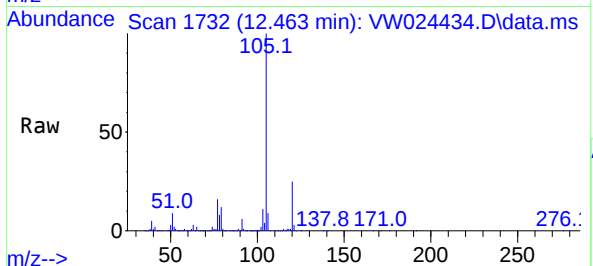




#60
Isopropylbenzene
Concen: 28.730 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

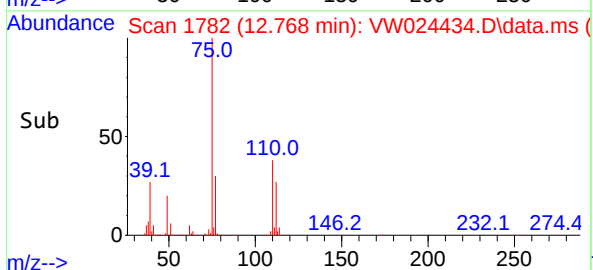
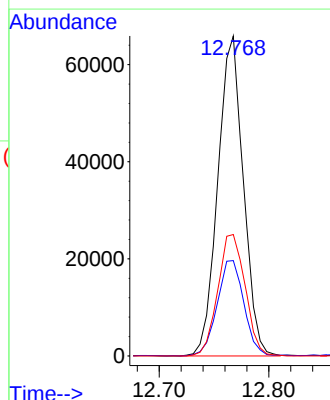
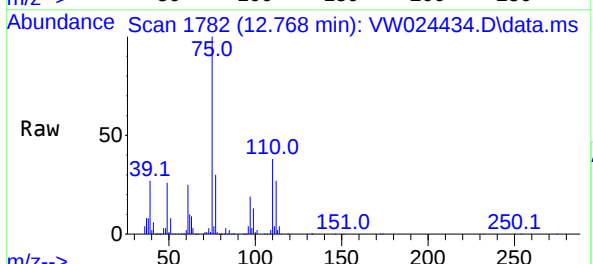
Instrument :
MSVOA_W
ClientSampleId :

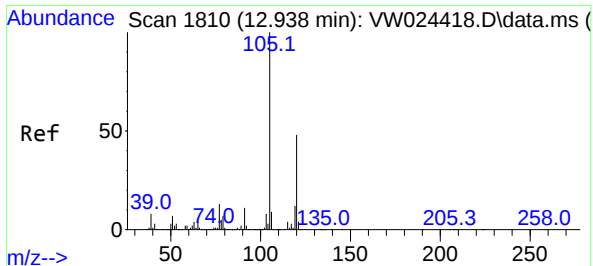
Tgt Ion:	105	Resp:	739731
Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.4	32.0
77	15.5	13.0	19.6



#61
1,2,3-Trichloropropane
Concen: 24.320 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion:	75	Resp:	106615
Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.5	39.7
110	40.6	33.8	50.8

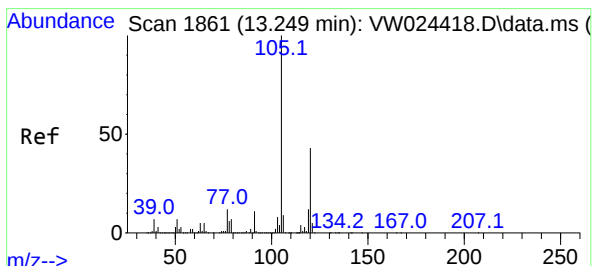
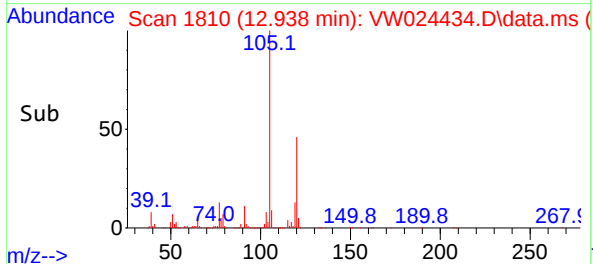
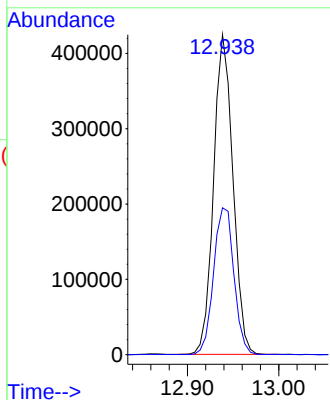
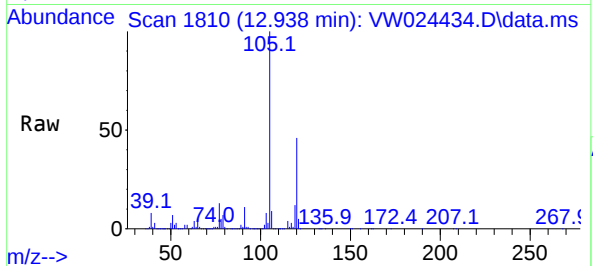




#62
1,3,5-Trimethylbenzene
Concen: 30.019 ug/L
RT: 12.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

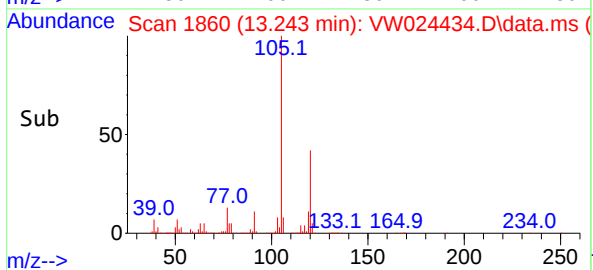
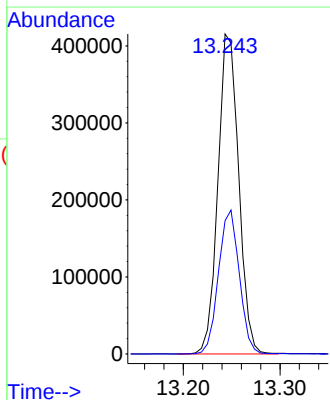
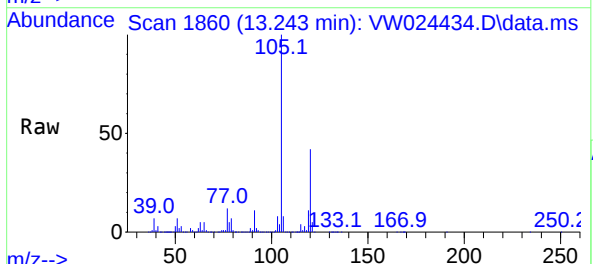
Instrument :
MSVOA_W
ClientSampleId :

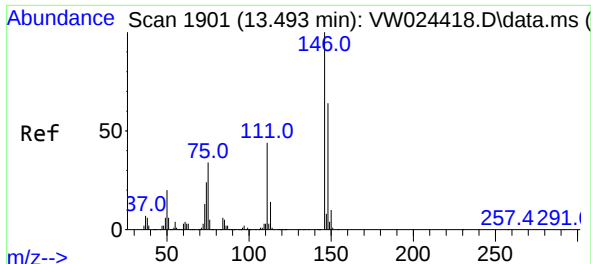
Tgt Ion:105 Resp: 623240
Ion Ratio Lower Upper
105 100
120 48.5 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 30.716 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion:105 Resp: 619414
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.2

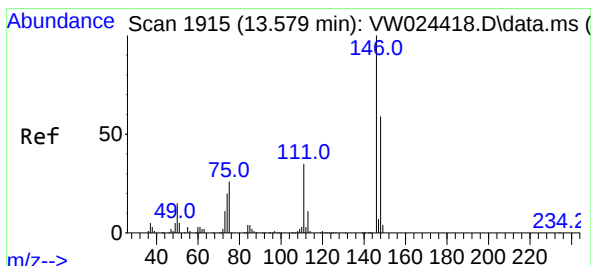
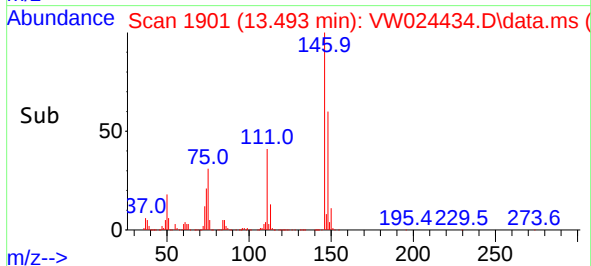
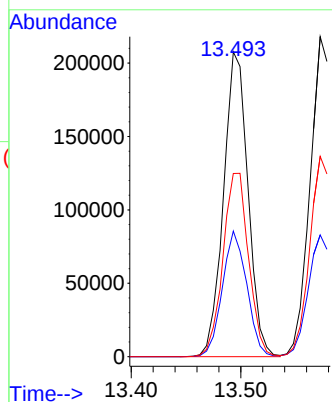
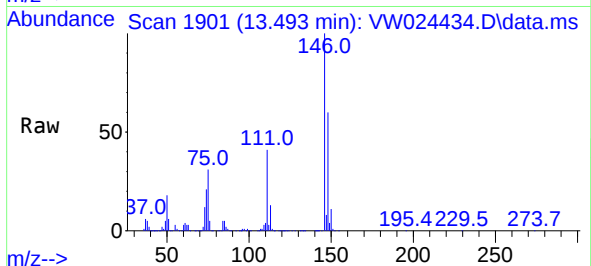




#64
1,3-Dichlorobenzene
Concen: 26.184 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

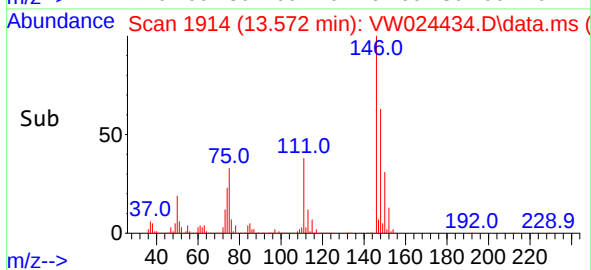
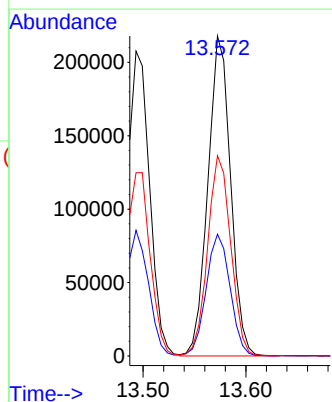
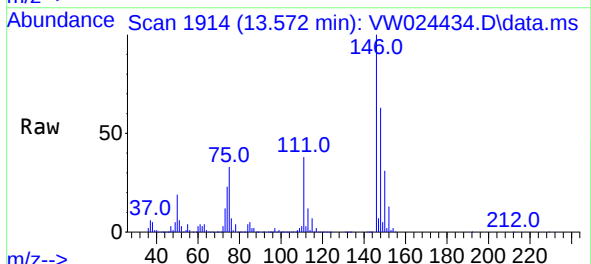
Instrument :
MSVOA_W
ClientSampleId :

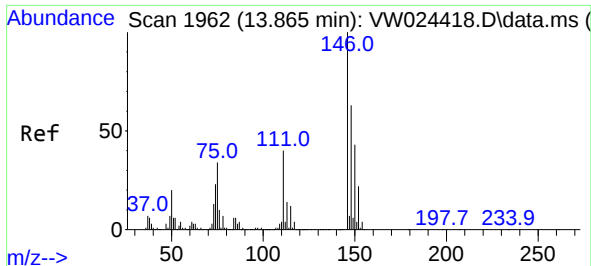
Tgt Ion:146 Resp: 322331
Ion Ratio Lower Upper
146 100
111 41.2 27.0 50.2
148 60.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 25.737 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

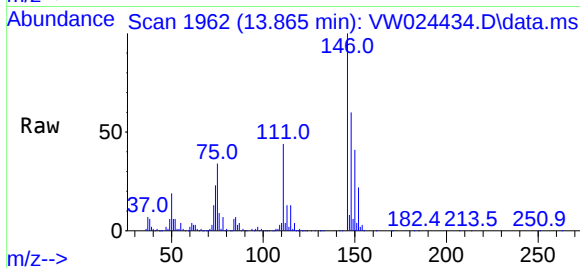
Tgt Ion:146 Resp: 334497
Ion Ratio Lower Upper
146 100
111 38.1 27.7 51.5
148 62.6 46.5 86.5



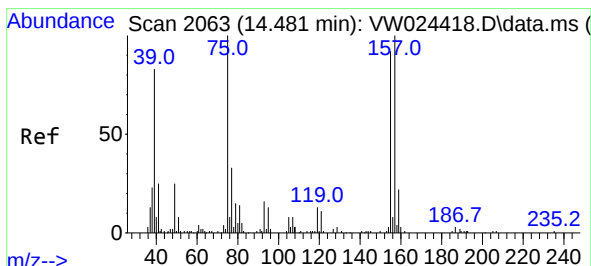
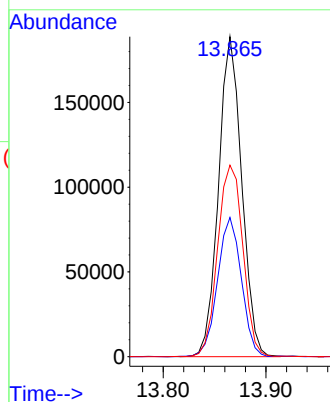
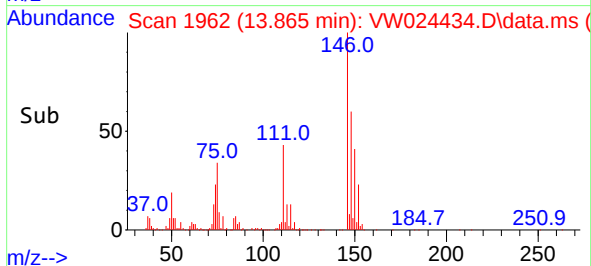


#67
1,2-Dichlorobenzene
Concen: 25.648 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

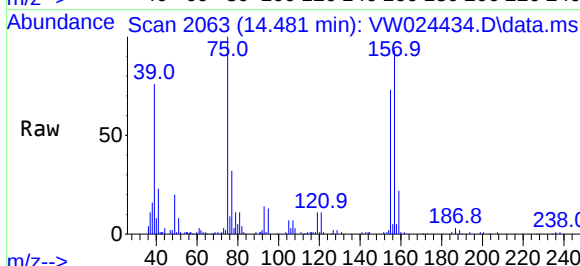
Instrument :
MSVOA_W
ClientSampleId :



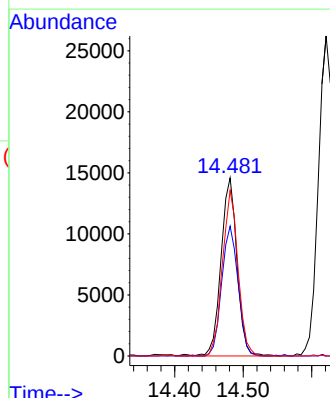
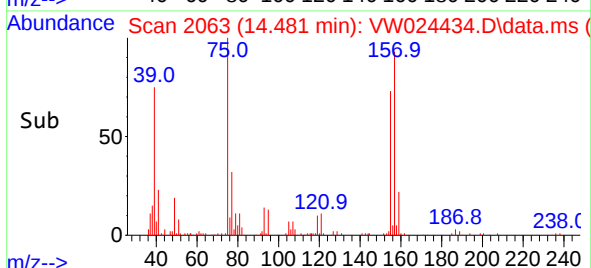
Tgt Ion:146 Resp: 295968
Ion Ratio Lower Upper
146 100
111 43.5 34.5 51.7
148 59.9 50.6 75.8

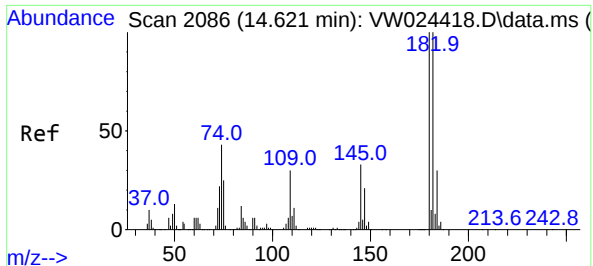


#68
1,2-Dibromo-3-chloropropane
Concen: 21.277 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37



Tgt Ion: 75 Resp: 23435
Ion Ratio Lower Upper
75 100
155 72.9 63.9 95.9
157 93.0 72.2 108.4





#69

1,3,5-Trichlorobenzene

Concen: 26.420 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

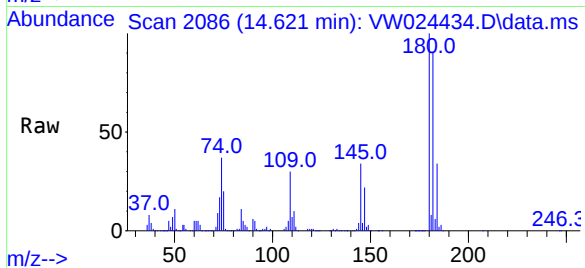
Lab File: VW024434.D

Acq: 29 Aug 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 209926

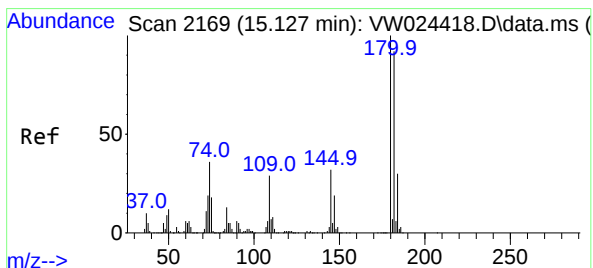
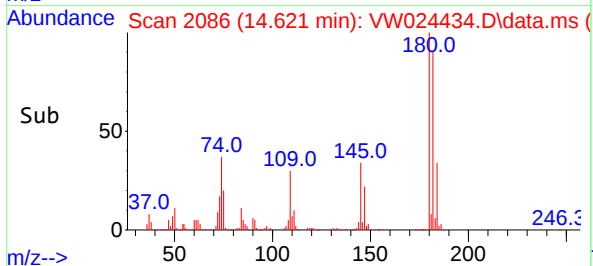
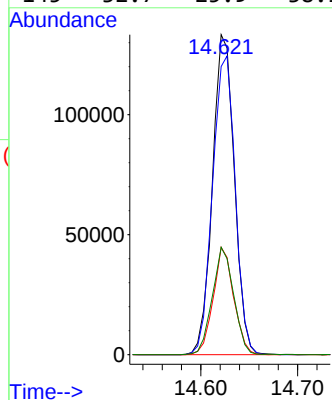
Ion Ratio Lower Upper

180 100

182 96.4 76.6 114.8

184 31.5 24.5 36.7

145 32.7 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 27.237 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024434.D

Acq: 29 Aug 2022 08:37

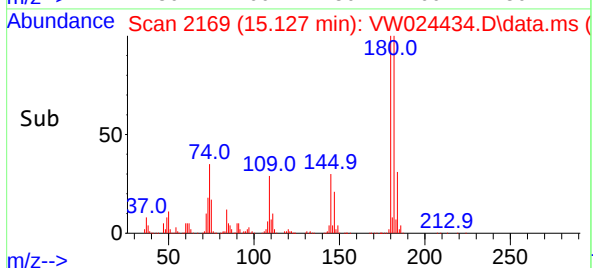
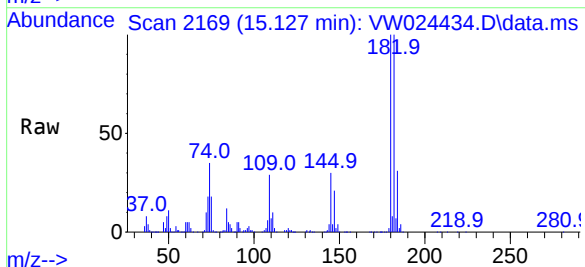
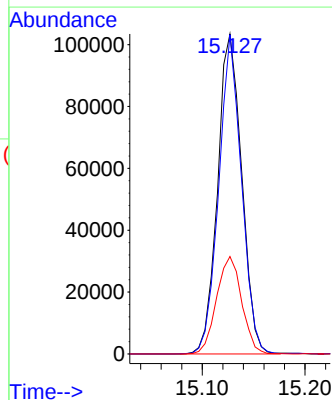
Tgt Ion:180 Resp: 168232

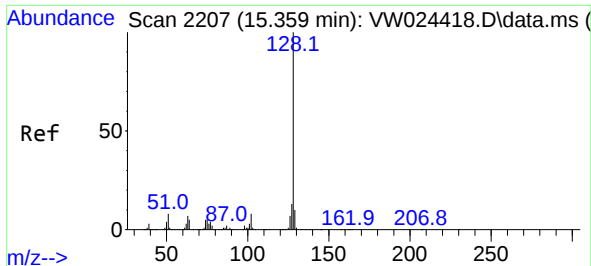
Ion Ratio Lower Upper

180 100

182 93.4 72.6 109.0

145 31.8 26.2 39.2

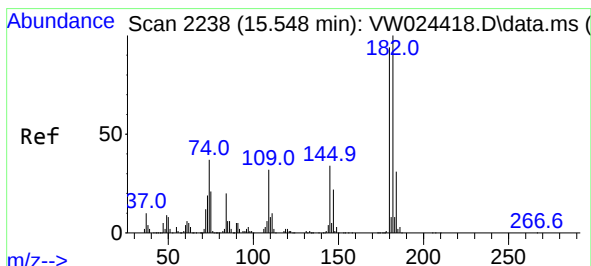
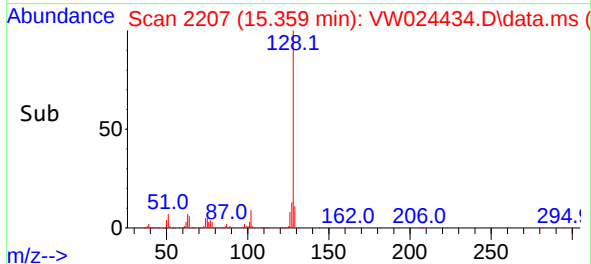
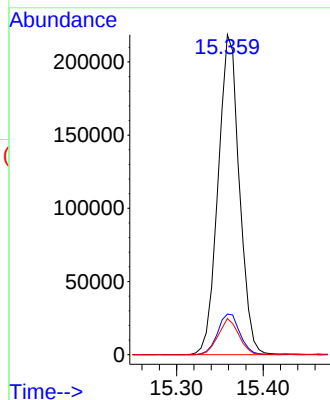
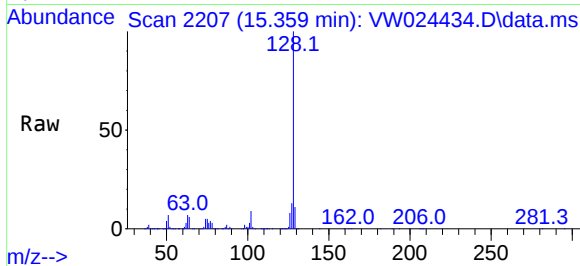




#71
Naphthalene
Concen: 27.462 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 372529
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 26.102 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024434.D
Acq: 29 Aug 2022 08:37

Tgt Ion:180 Resp: 152377
Ion Ratio Lower Upper
180 100
182 95.1 74.6 111.8
145 36.5 26.6 40.0

