

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021420.D
 Acq On : 17 Dec 2021 09:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 15:15:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	96954	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	97346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	58744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	44811	25.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.520%	
7) Chloroethane-d5	2.879	69	30522	26.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.600%	
11) 1,1-Dichloroethene-d2	4.013	63	56130	23.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 95.360%	
21) 2-Butanone-d5	7.074	46	14168	56.921	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.840%	
24) Chloroform-d	7.647	84	71317	26.395	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.600%	
26) 1,2-Dichloroethane-d4	8.299	65	37248	25.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.680%	
32) Benzene-d6	8.269	84	128803	24.139	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.560%	
36) 1,2-Dichloropropane-d6	9.268	67	36449	25.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.880%	
41) Toluene-d8	10.323	98	130148	23.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.480%	
43) trans-1,3-Dichloroprop...	10.573	79	16284	24.714	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.840%	
47) 2-Hexanone-d5	10.921	63	12052	56.954	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.900%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	34216	27.814	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.240%	
66) 1,2-Dichlorobenzene-d4	13.847	152	54715	24.033	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	12375	33.035	ug/L	98
3) Chloromethane	2.209	50	31892	25.715	ug/L	99
5) Vinyl chloride	2.355	62	54960	28.229	ug/L	98
6) Bromomethane	2.770	94	34889	27.627	ug/L	92
8) Chloroethane	2.910	64	24840	27.694	ug/L	98
9) Trichlorofluoromethane	3.251	101	27085	26.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	36809	27.494	ug/L	90
12) 1,1-Dichloroethene	4.032	96	32665	27.180	ug/L	80
13) Acetone	4.117	43	9919	44.453	ug/L	93
14) Carbon disulfide	4.379	76	81759	26.344	ug/L	98
15) Methyl Acetate	4.666	43	10701	27.794	ug/L	# 87
16) Methylene chloride	4.903	84	33543	20.938	ug/L	83
17) trans-1,2-Dichloroethene	5.422	96	34613	26.600	ug/L	81
18) Methyl tert-butyl Ether	5.422	73	46248	25.734	ug/L	93
19) 1,1-Dichloroethane	6.208	63	55652	27.255	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	37095	27.028	ug/L	72
22) 2-Butanone	7.165	43	14429	49.516	ug/L	85
23) Bromochloromethane	7.507	128	17911	27.910	ug/L	# 65
25) Chloroform	7.671	83	64391	27.165	ug/L	98

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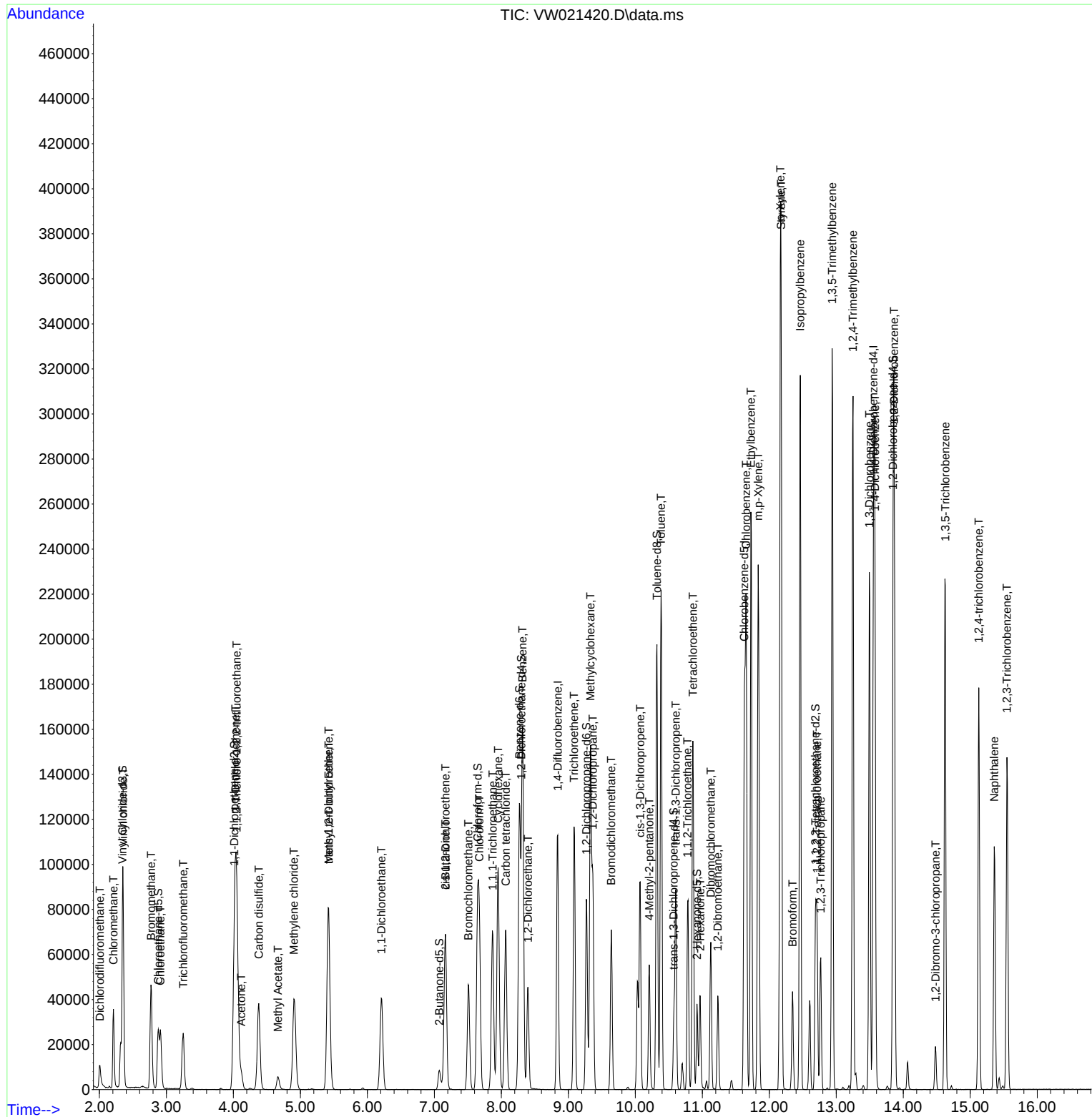
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	41294	27.510	ug/L	96
29) Cyclohexane	7.952	56	48937	25.257	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	55895	25.591	ug/L	94
31) Carbon tetrachloride	8.067	117	53501	26.553	ug/L	99
33) Benzene	8.317	78	136655	25.770	ug/L	100
34) Trichloroethene	9.086	95	38260	25.702	ug/L	91
35) Methylcyclohexane	9.329	83	62590	25.489	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	31003	26.210	ug/L #	95
38) Bromodichloromethane	9.640	83	46135	28.367	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	49501	26.548	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	33396	51.816	ug/L #	90
42) Toluene	10.384	91	162904	26.266	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	44484	27.238	ug/L	99
45) 1,1,2-Trichloroethane	10.780	97	26267	27.131	ug/L	94
46) Tetrachloroethene	10.860	164	35351	24.998	ug/L	97
48) 2-Hexanone	10.969	43	25630	54.836	ug/L #	93
49) Dibromochloromethane	11.128	129	33039	27.682	ug/L	93
50) 1,2-Dibromoethane	11.231	107	25432	26.396	ug/L #	94
51) Chlorobenzene	11.652	112	107866	25.977	ug/L	94
52) Ethylbenzene	11.725	91	181198	25.566	ug/L	99
53) m,p-Xylene	11.835	106	72363	25.310	ug/L	96
54) o-Xylene	12.164	106	70997	26.165	ug/L	88
55) Styrene	12.176	104	124670	26.996	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	30707	27.669	ug/L #	94
59) Bromoform	12.347	173	19580	28.013	ug/L	99
60) Isopropylbenzene	12.463	105	198273	24.840	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	22331	26.120	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	168222	24.766	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	163120	24.344	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	95373	25.331	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	97256	26.000	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	83846	25.295	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4595	26.057	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	71317	25.343	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	56948	25.160	ug/L	92
71) Naphthalene	15.359	128	93457	25.415	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	49815	26.631	ug/L	99

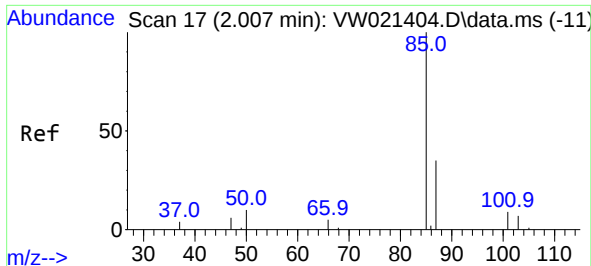
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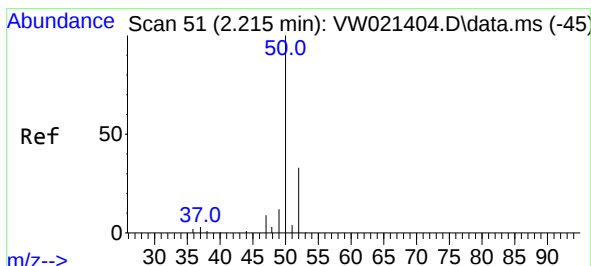
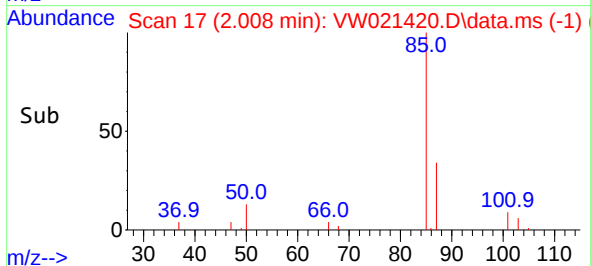
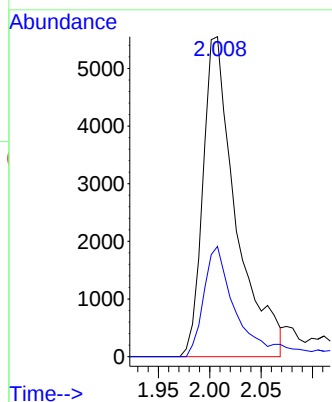
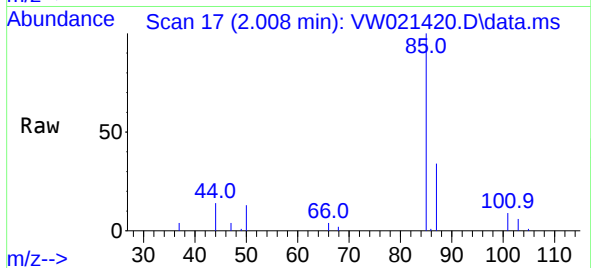




#2
Dichlorodifluoromethane
Concen: 33.035 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

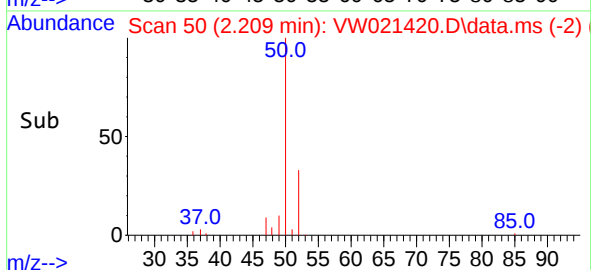
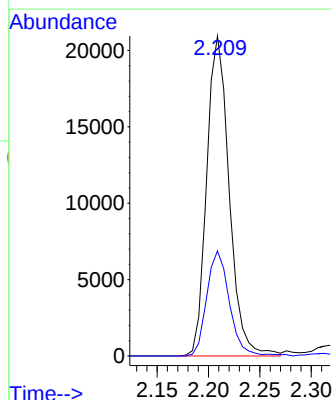
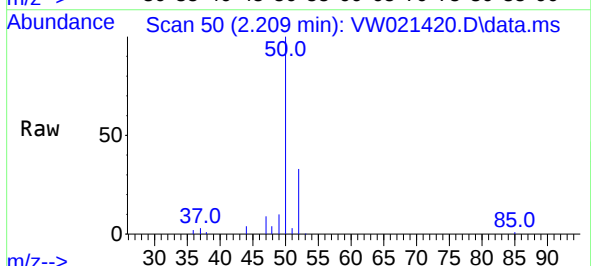
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MSVOA_W
ClientSampleId :

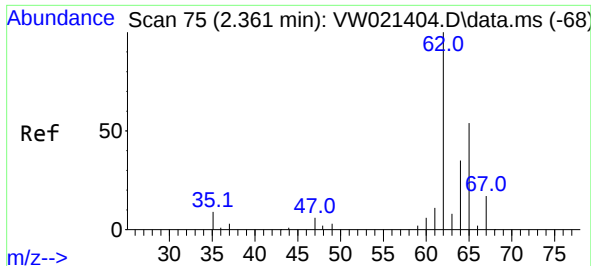
Tgt Ion: 85 Resp: 12375
Ion Ratio Lower Upper
85 100
87 31.3 25.8 38.6



#3
Chloromethane
Concen: 25.715 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 50 Resp: 31892
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.6

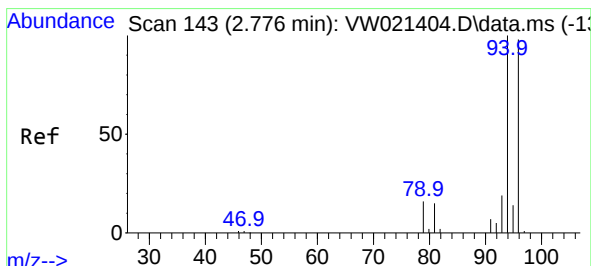
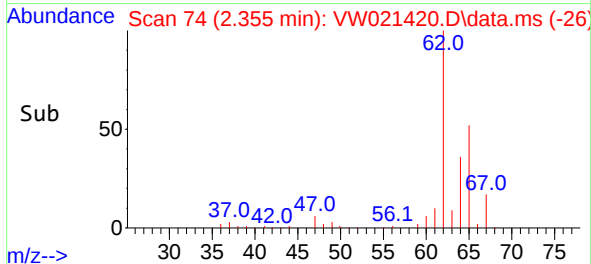
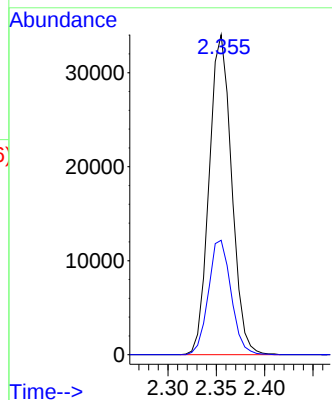
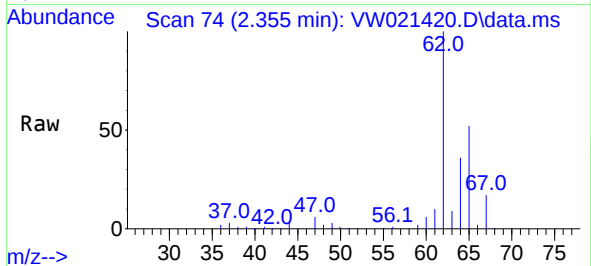




#5
 Vinyl chloride
 Concen: 28.229 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021420.D
 Acq: 17 Dec 2021 09:20

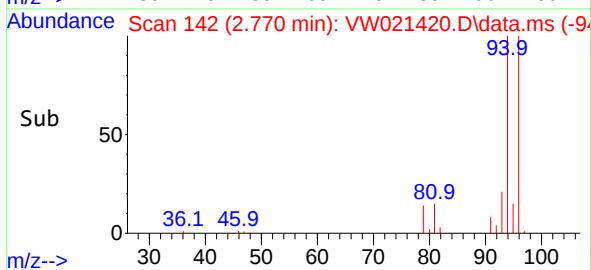
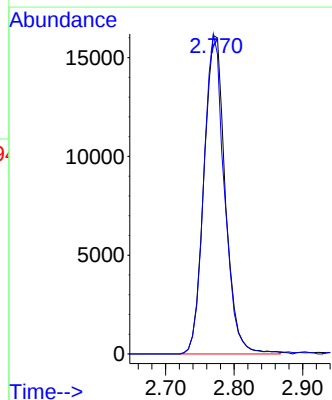
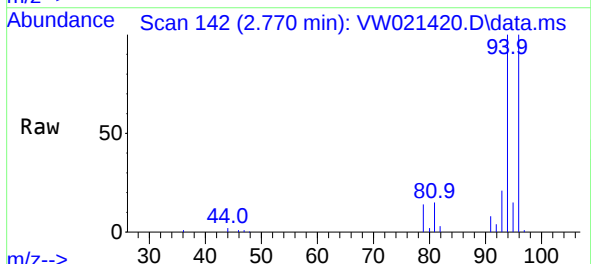
Instrument :
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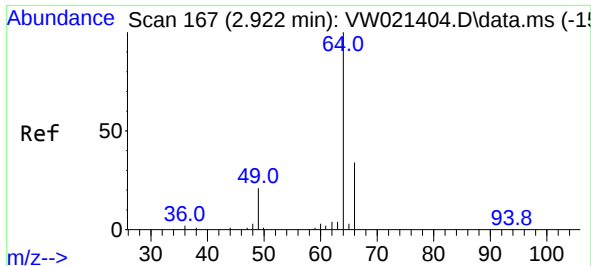
Tgt Ion: 62 Resp: 54960
 Ion Ratio Lower Upper
 62 100
 64 35.8 24.4 45.2



#6
 Bromomethane
 Concen: 27.627 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW021420.D
 Acq: 17 Dec 2021 09:20

Tgt Ion: 94 Resp: 34889
 Ion Ratio Lower Upper
 94 100
 96 100.4 64.8 120.4

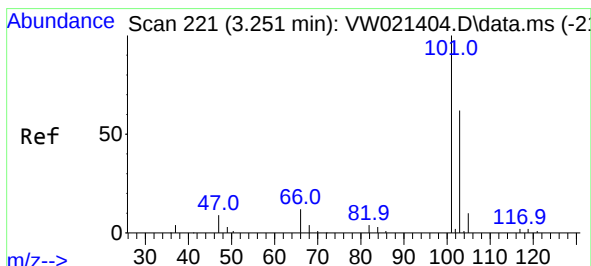
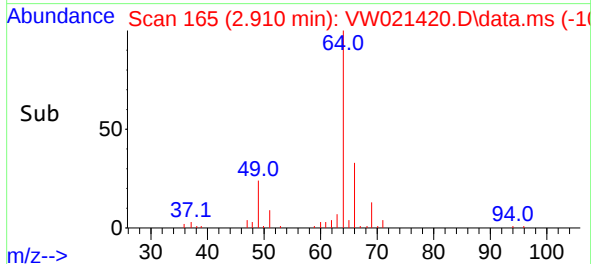
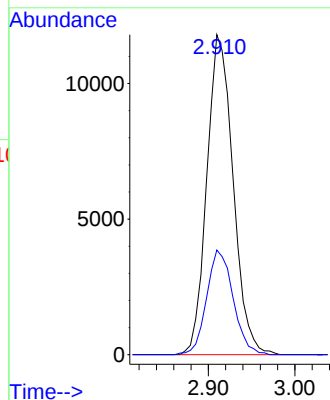
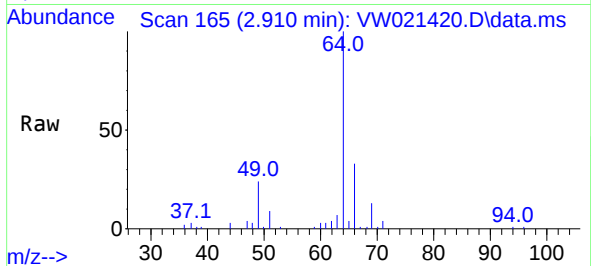




#8
Chloroethane
Concen: 27.694 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

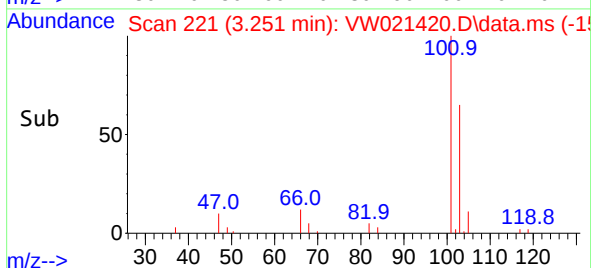
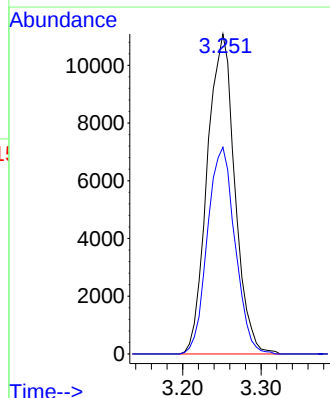
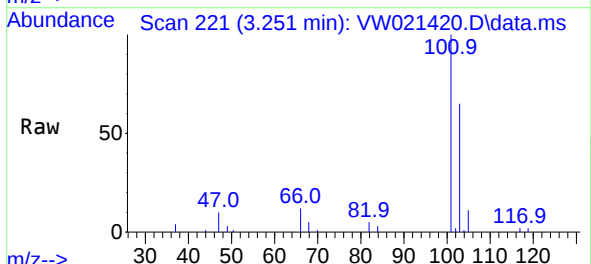
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ClientSampleId :

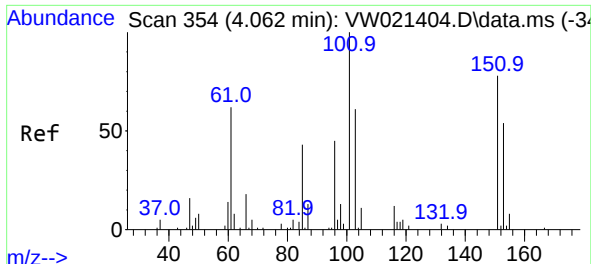
Tgt Ion: 64 Resp: 24840
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.366 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion:101 Resp: 27085
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

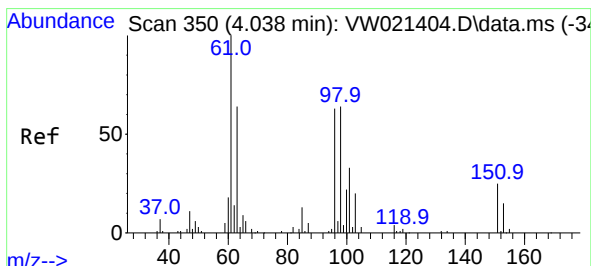
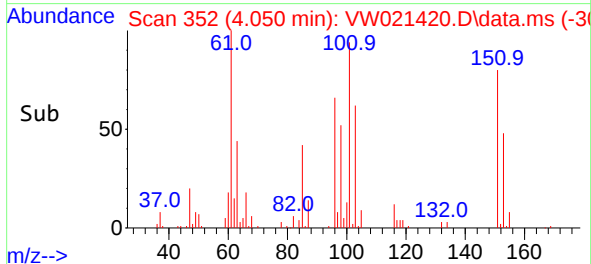
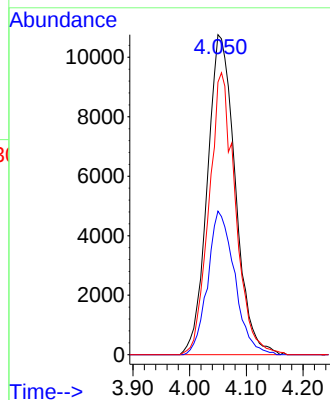
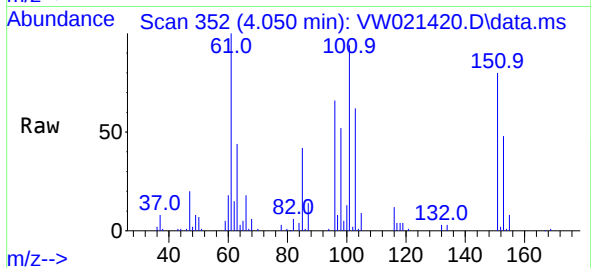




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.494 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW021420.D
 Acq: 17 Dec 2021 09:20

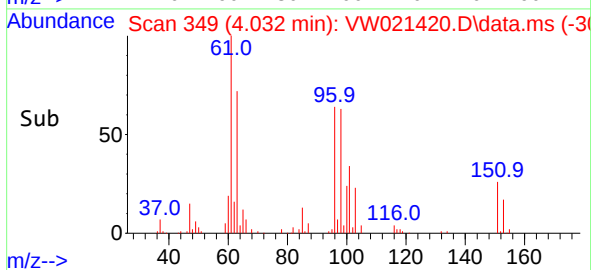
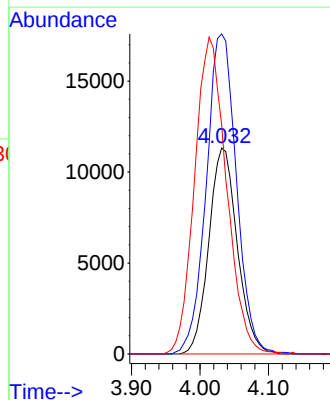
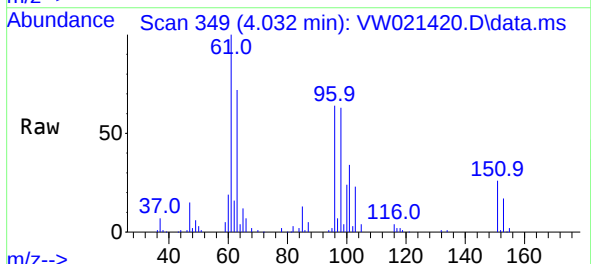
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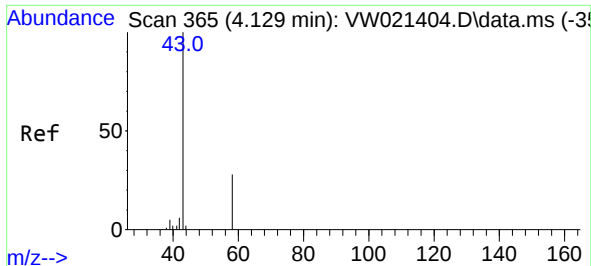
Tgt Ion:101 Resp: 36809
 Ion Ratio Lower Upper
 101 100
 85 43.4 36.6 54.8
 151 83.4 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 27.180 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW021420.D
 Acq: 17 Dec 2021 09:20

Tgt Ion: 96 Resp: 32665
 Ion Ratio Lower Upper
 96 100
 61 155.4 138.3 256.9
 63 111.3 82.6 153.4

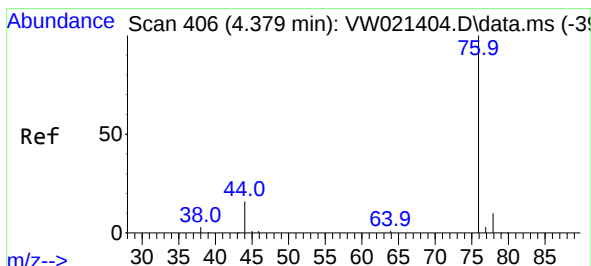
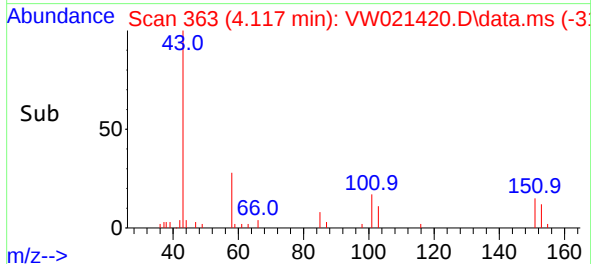
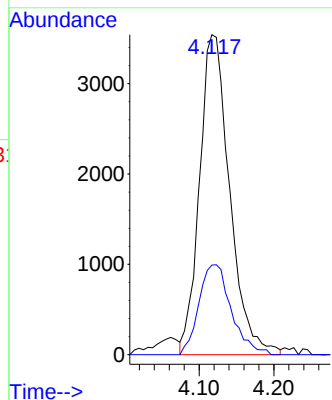
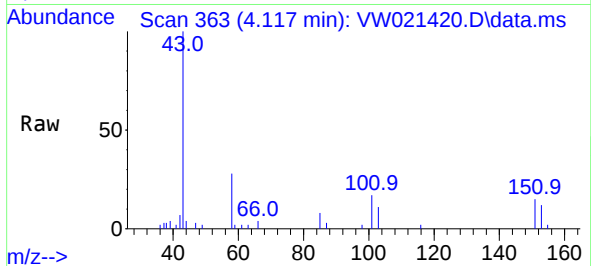




#13
Acetone
Concen: 44.453 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

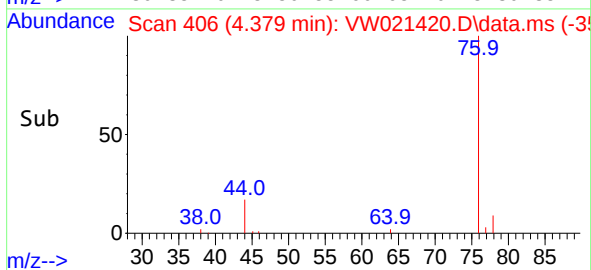
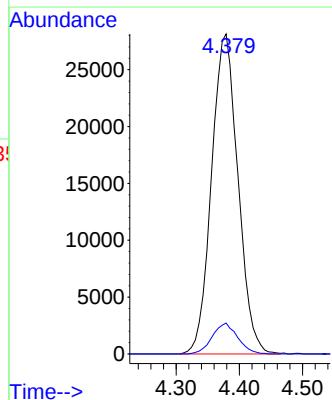
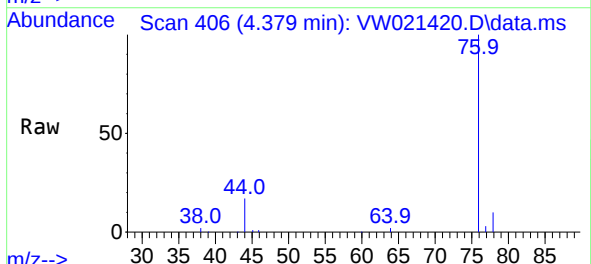
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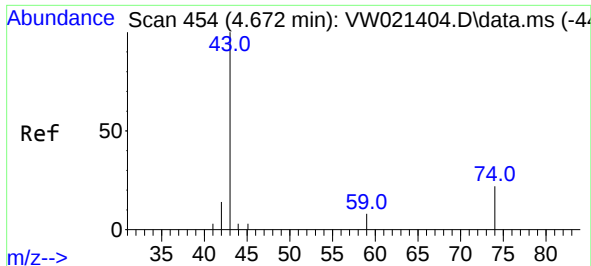
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Ion Ratio Lower Upper
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58 30.0 0.0 52.8



#14
Carbon disulfide
Concen: 26.344 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 76 Resp: 81759
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

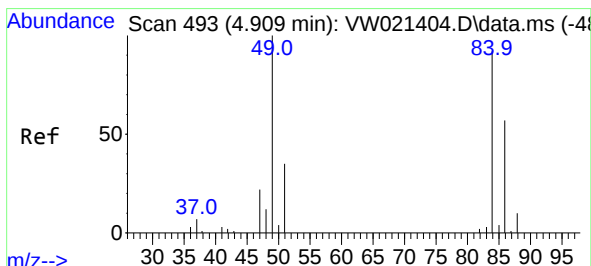
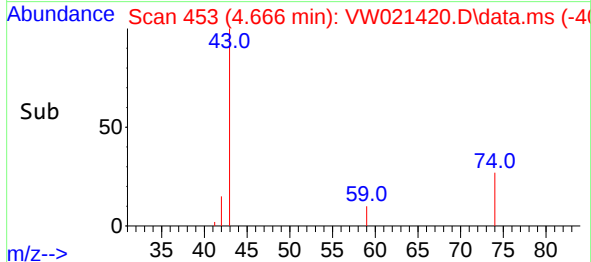
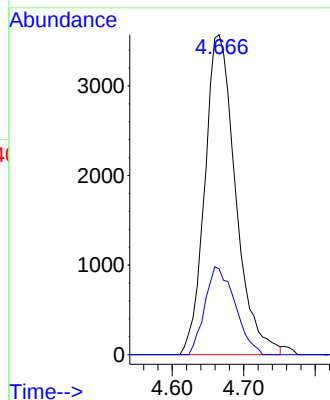
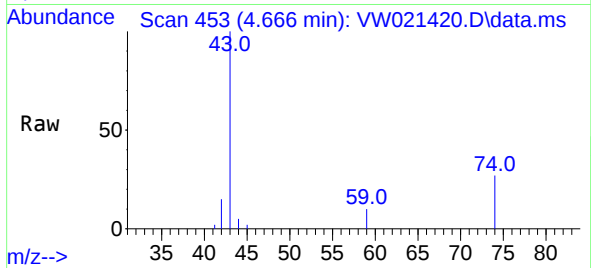




#15
Methyl Acetate
Concen: 27.794 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

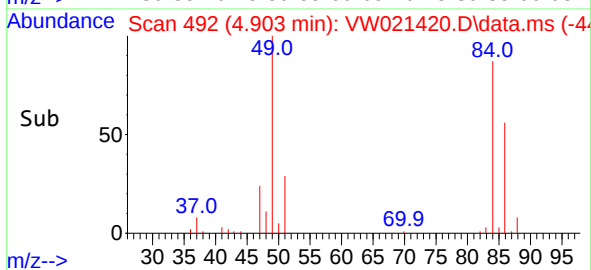
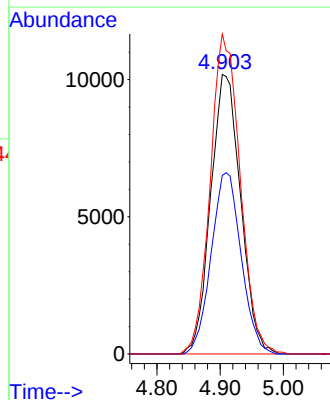
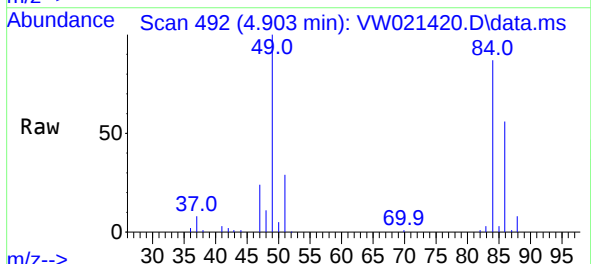
Instrument :
MSVOA_W
ClientSampleId :

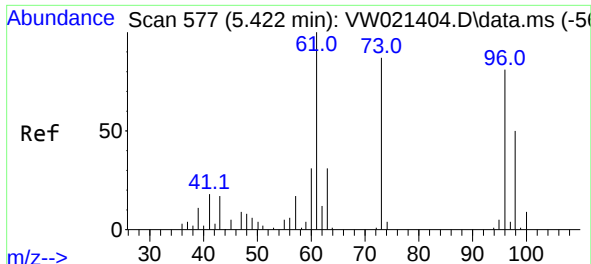
Tgt Ion: 43 Resp: 10701
Ion Ratio Lower Upper
43 100
74 26.7 16.4 24.6#



#16
Methylene chloride
Concen: 20.938 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 84 Resp: 33543
Ion Ratio Lower Upper
84 100
86 63.8 45.5 84.5
49 114.5 100.5 186.7

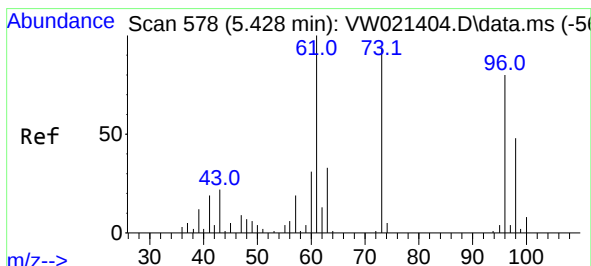
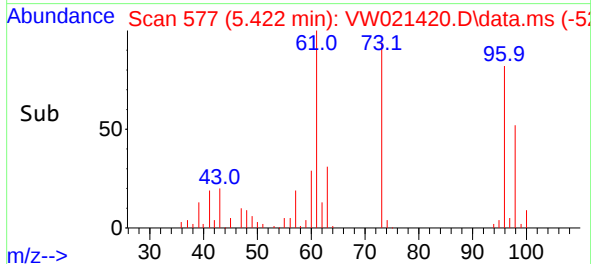
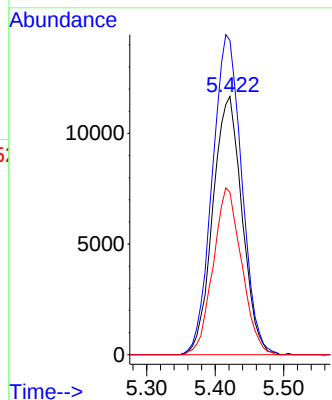
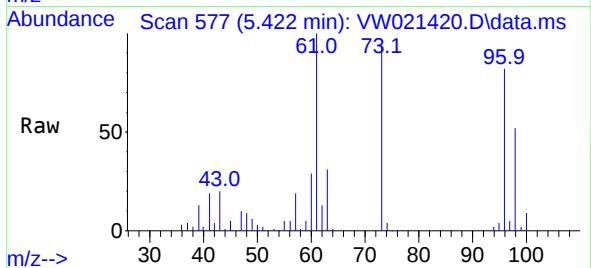




#17
trans-1,2-Dichloroethene
Concen: 26.600 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

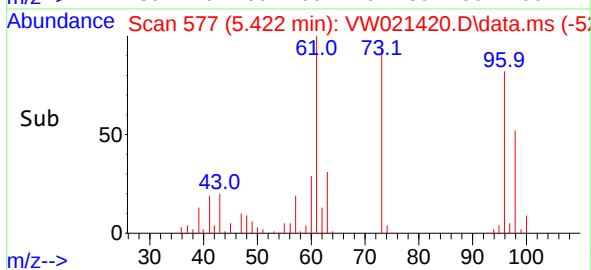
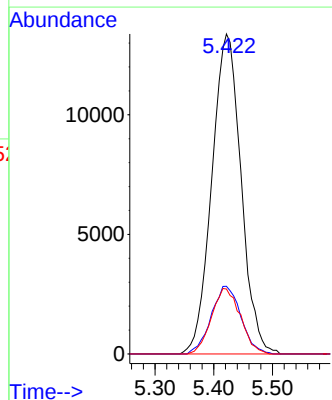
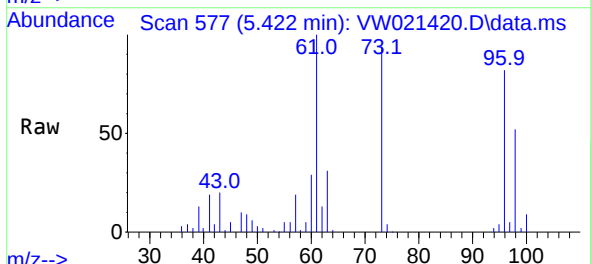
Instrument :
MSVOA_W
ClientSampleId :

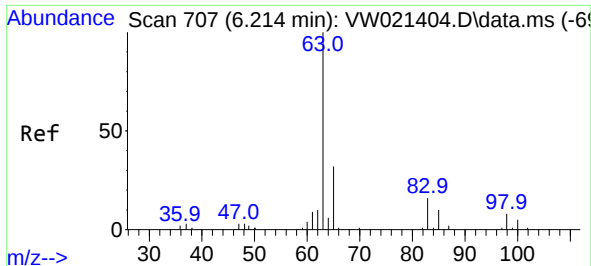
Tgt Ion: 96 Resp: 34613
Ion Ratio Lower Upper
96 100
61 121.7 107.4 199.4
98 62.8 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.734 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 73 Resp: 46248
Ion Ratio Lower Upper
73 100
43 21.5 19.5 29.3
57 20.3 19.3 28.9

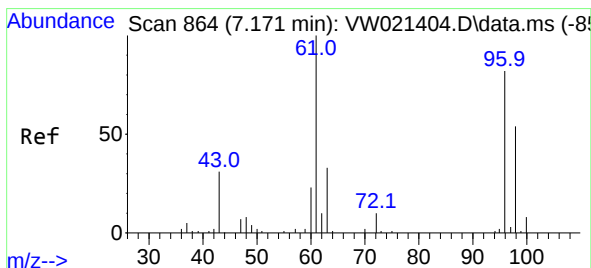
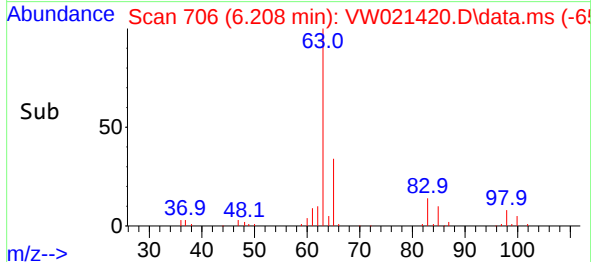
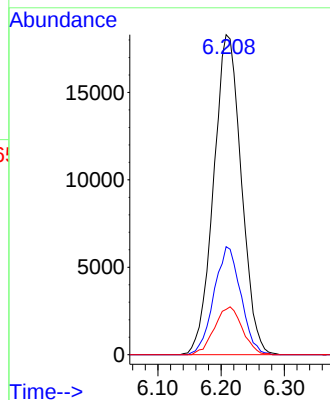
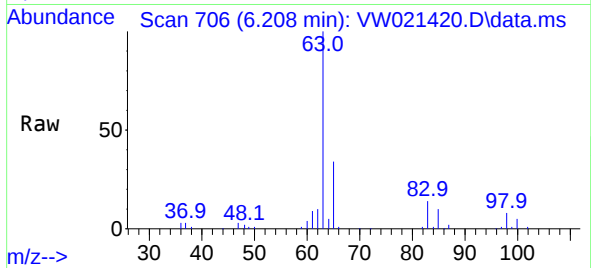




#19
1,1-Dichloroethane
Concen: 27.255 ug/L
RT: 6.208 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

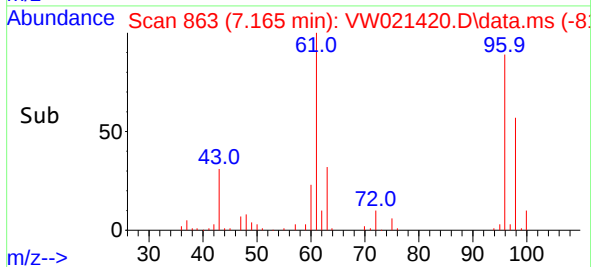
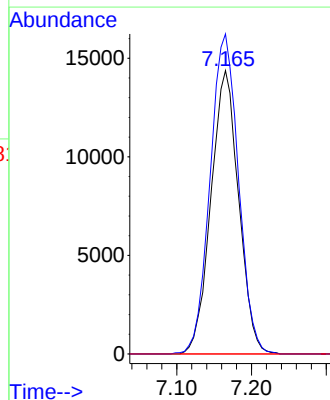
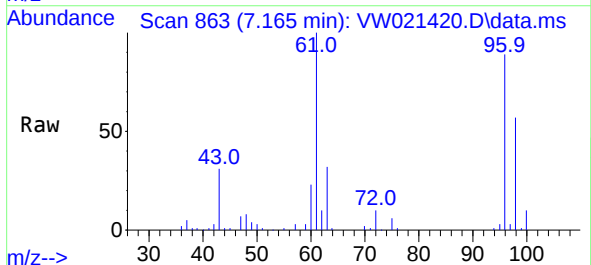
Instrument :
MSVOA_W
ClientSampleId :

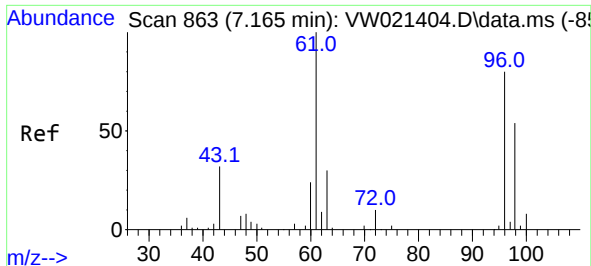
Tgt Ion: 63 Resp: 55652
Ion Ratio Lower Upper
63 100
65 33.8 22.1 41.1
83 14.2 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 27.028 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 96 Resp: 37095
Ion Ratio Lower Upper
96 100
61 112.9 103.7 192.7
68 0.0 0.0 0.0

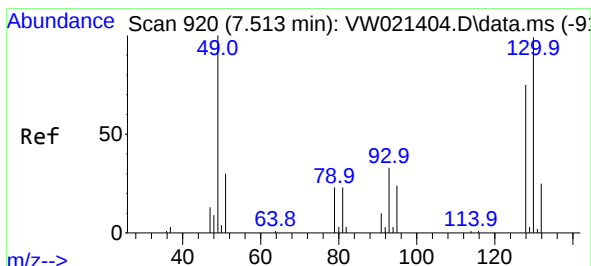
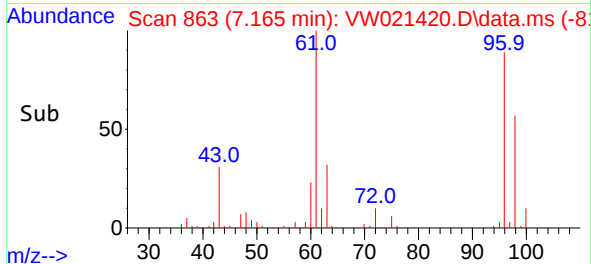
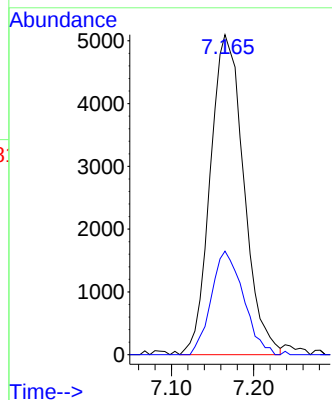
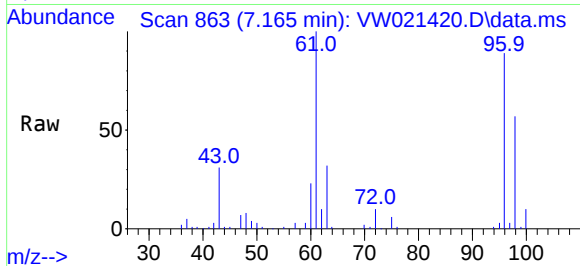




#22
2-Butanone
Concen: 49.516 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

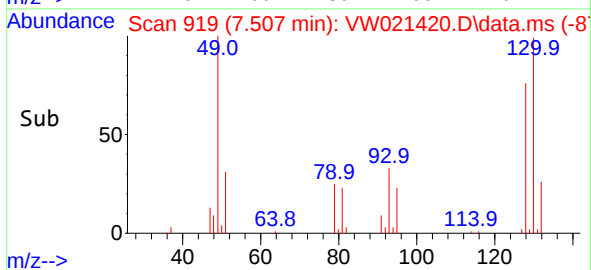
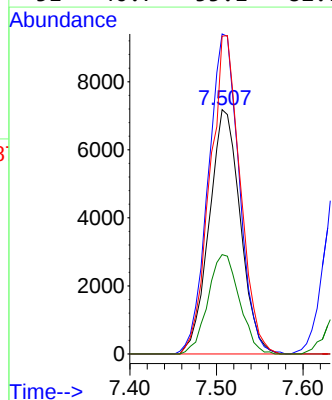
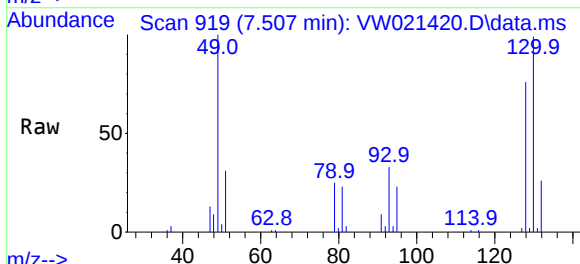
Instrument :
MSVOA_W
ClientSampleId :

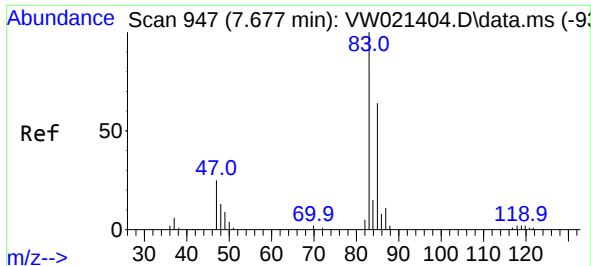
Tgt Ion: 43 Resp: 14429
Ion Ratio Lower Upper
43 100
72 31.0 11.8 35.4



#23
Bromochloromethane
Concen: 27.910 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 128 Resp: 17911
Ion Ratio Lower Upper
128 100
49 131.0 150.3 279.1#
130 130.1 88.3 163.9
51 40.7 55.1 82.7#

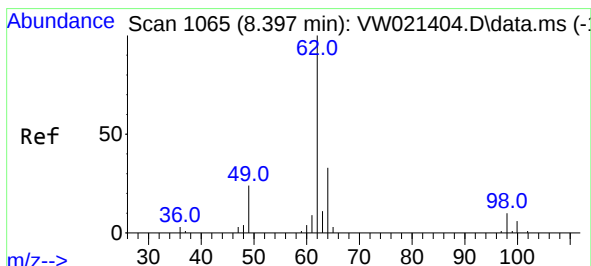
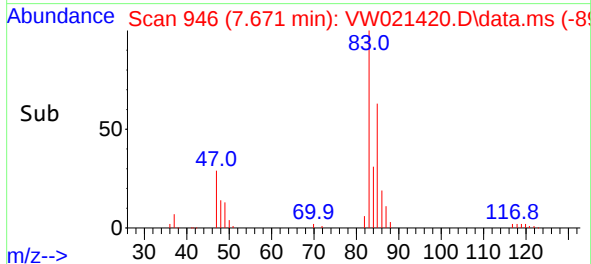
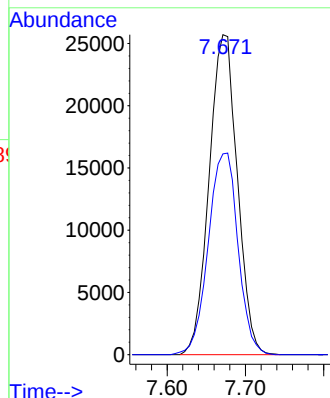
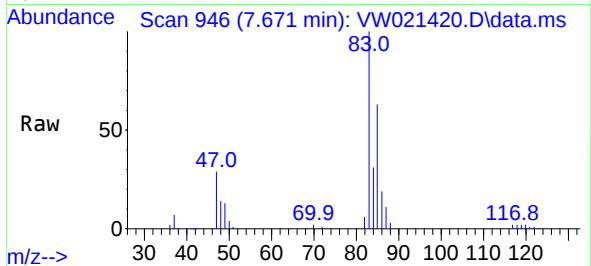




#25
Chloroform
Concen: 27.165 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

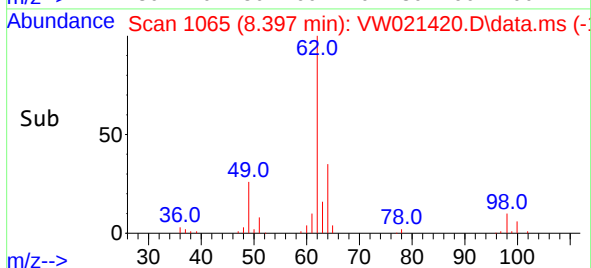
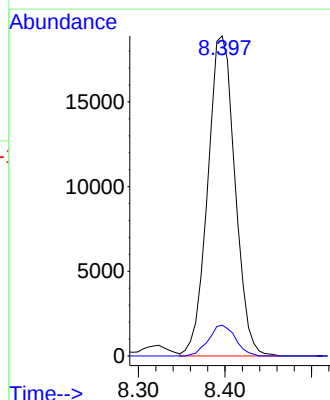
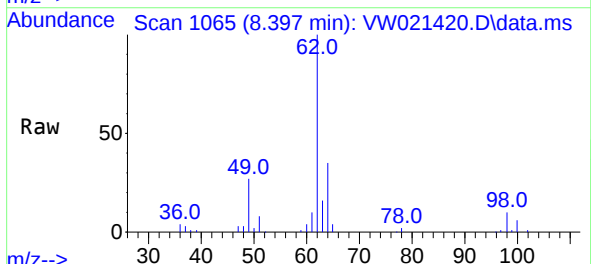
Instrument :
MSVOA_W
ClientSampleId :

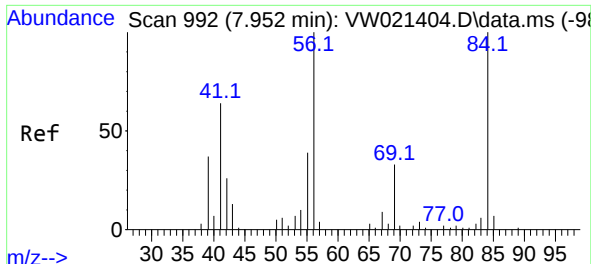
Tgt Ion: 83 Resp: 64391
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 27.510 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

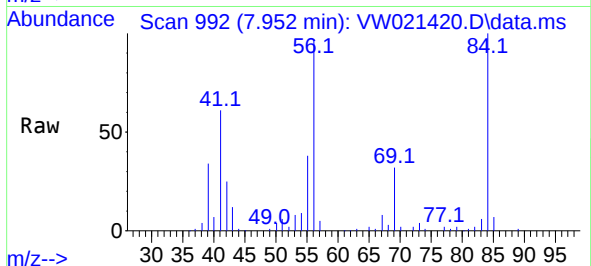
Tgt Ion: 62 Resp: 41294
Ion Ratio Lower Upper
62 100
98 9.7 6.5 9.7



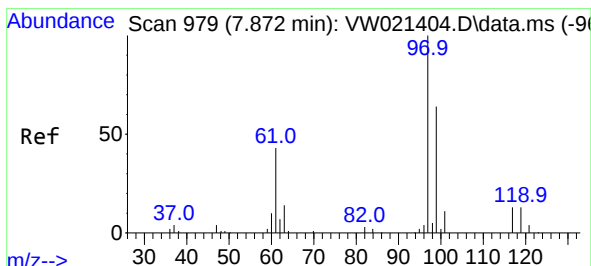
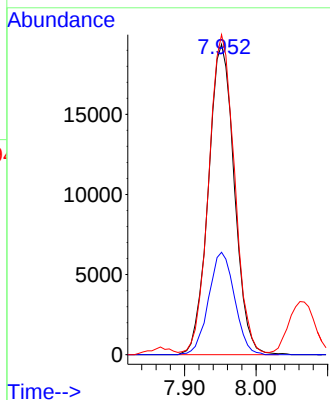
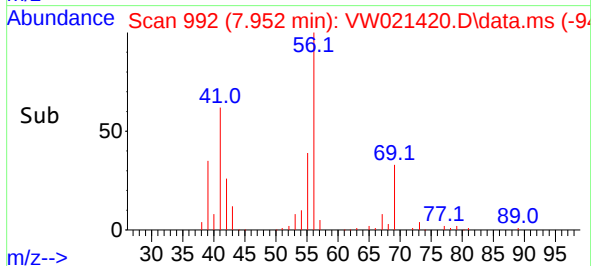


#29
Cyclohexane
Concen: 25.257 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :

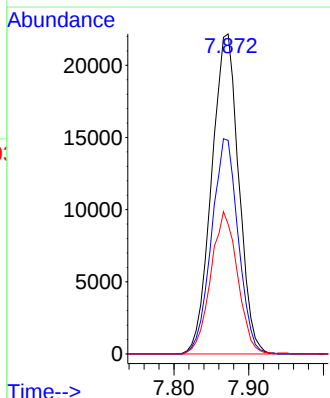
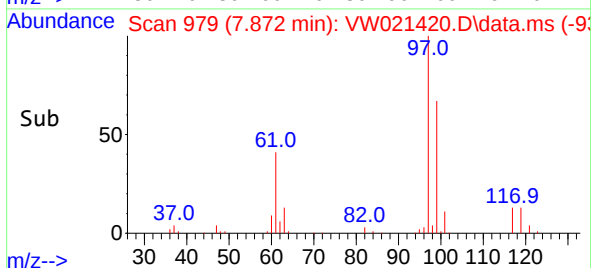
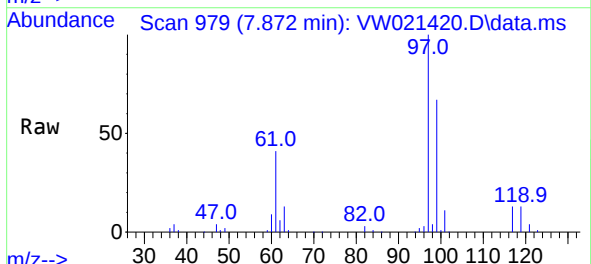


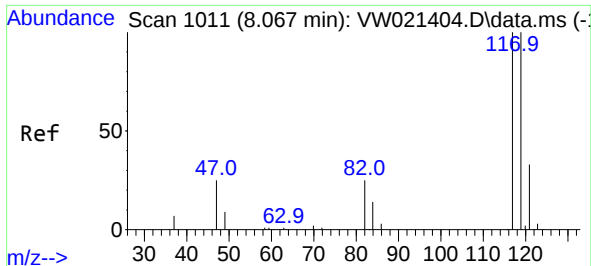
Tgt Ion: 56 Resp: 48937
Ion Ratio Lower Upper
56 100
69 32.9 23.5 35.3
84 102.6 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 25.591 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 97 Resp: 55895
Ion Ratio Lower Upper
97 100
99 66.3 51.6 77.4
61 43.9 40.9 61.3

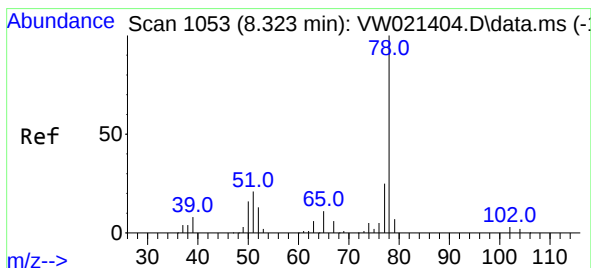
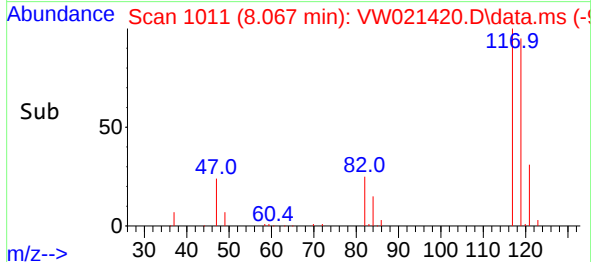
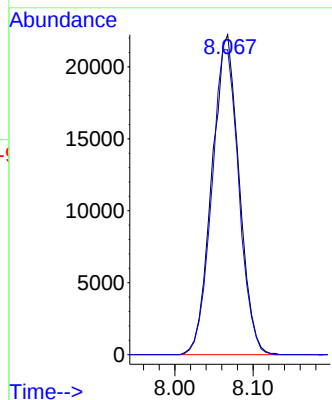
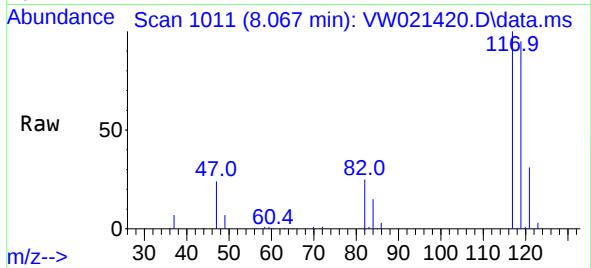




#31
Carbon tetrachloride
Concen: 26.553 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

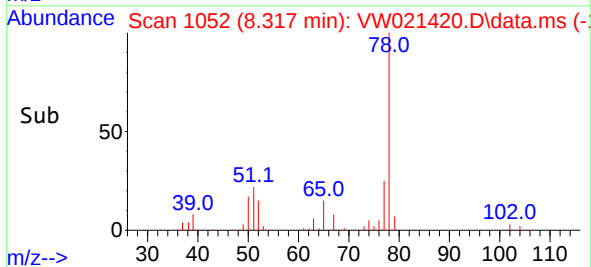
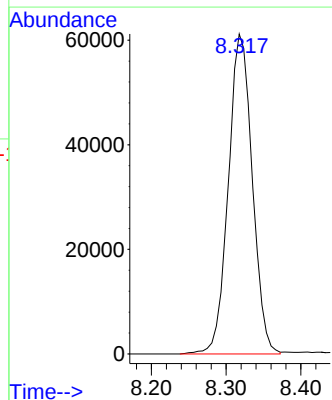
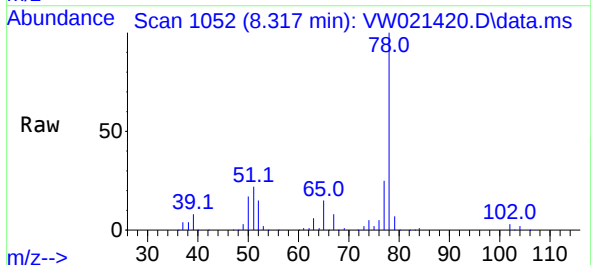
Instrument :
MSVOA_W
ClientSampleId :

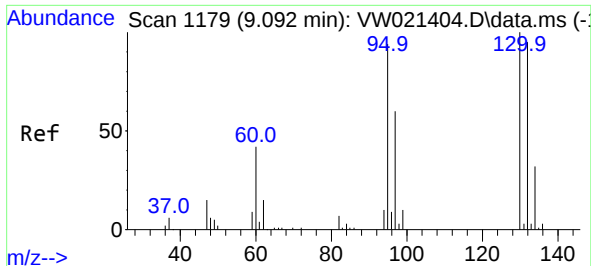
Tgt Ion:117 Resp: 53501
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5



#33
Benzene
Concen: 25.770 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 78 Resp: 136655



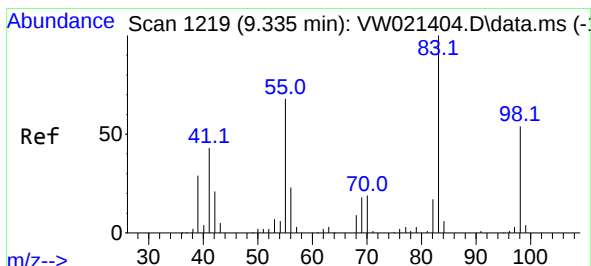
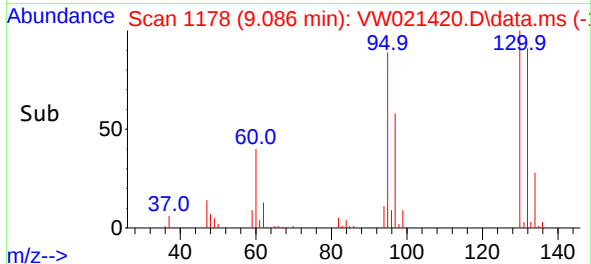
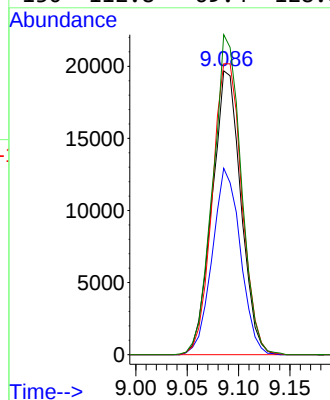
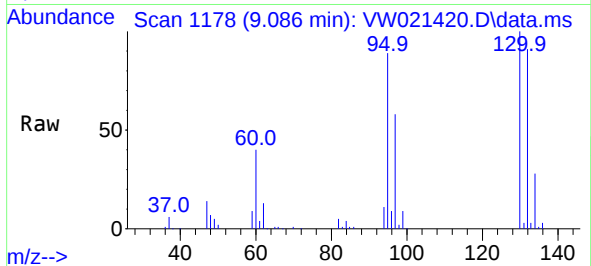


#34
Trichloroethene
Concen: 25.702 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 38260

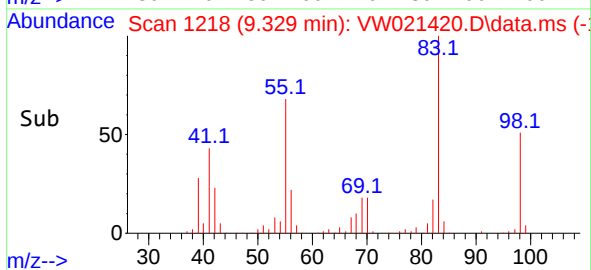
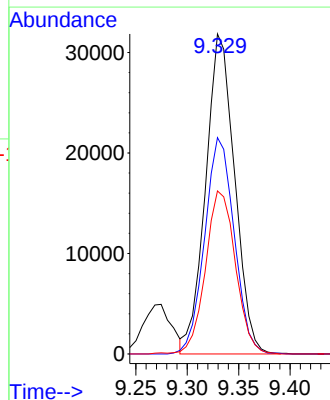
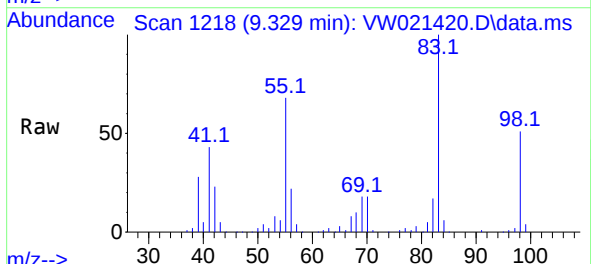
Ion	Ratio	Lower	Upper
95	100		
97	65.7	47.0	87.2
132	102.5	65.5	121.6
130	112.8	69.4	128.8

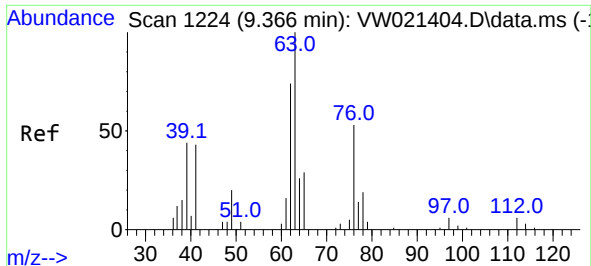


#35
Methylcyclohexane
Concen: 25.489 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 83 Resp: 62590

Ion	Ratio	Lower	Upper
83	100		
55	68.7	70.8	106.2
98	52.5	37.7	56.5





#37

1,2-Dichloropropane

Concen: 26.210 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021420.D

Acq: 17 Dec 2021 09:20

Instrument :

MSVOA_W

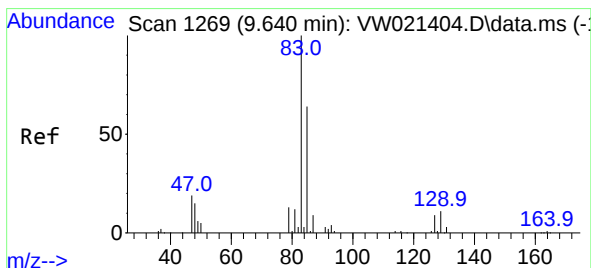
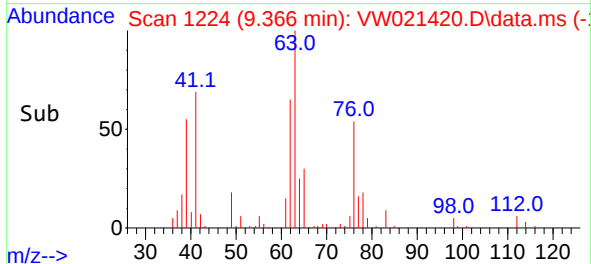
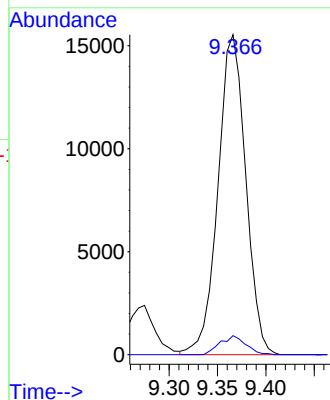
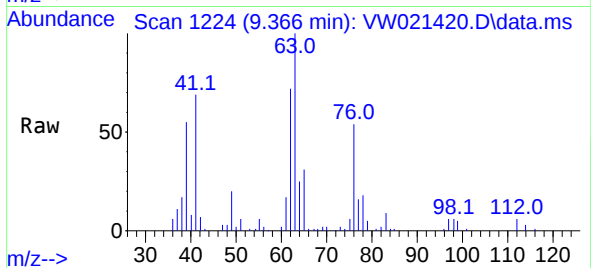
ClientSampleId :

Tgt Ion: 63 Resp: 31003

Ion Ratio Lower Upper

63 100

112 5.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 28.367 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW021420.D

Acq: 17 Dec 2021 09:20

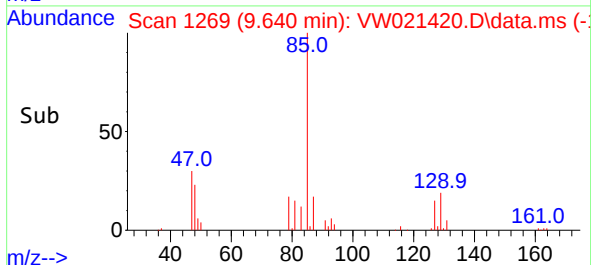
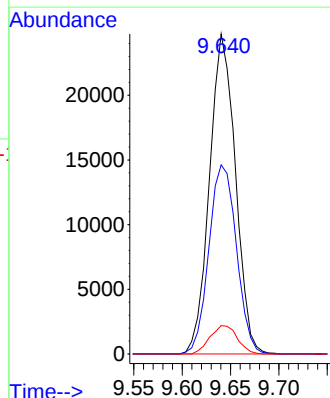
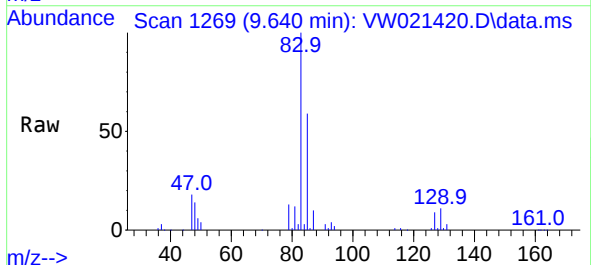
Tgt Ion: 83 Resp: 46135

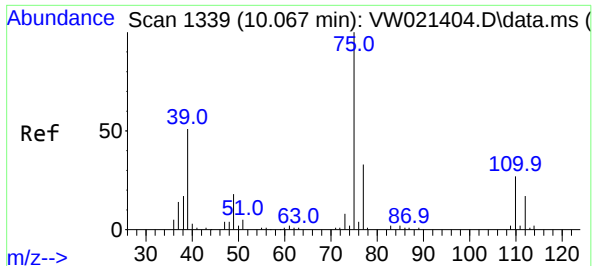
Ion Ratio Lower Upper

83 100

85 59.1 44.1 81.9

127 8.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.548 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021420.D

Acq: 17 Dec 2021 09:20

Instrument :

MSVOA_W

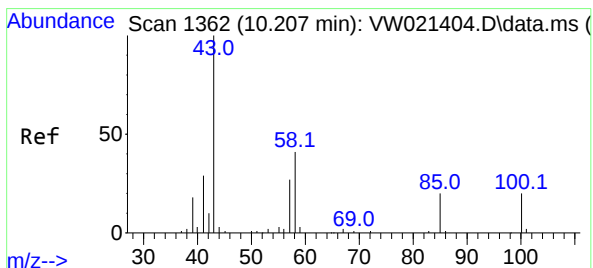
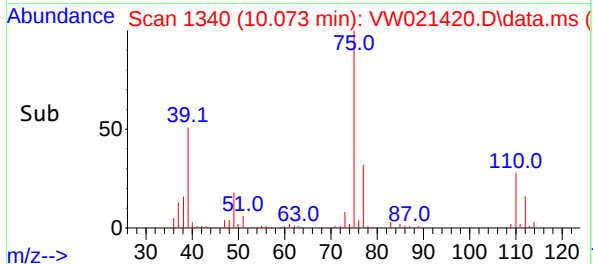
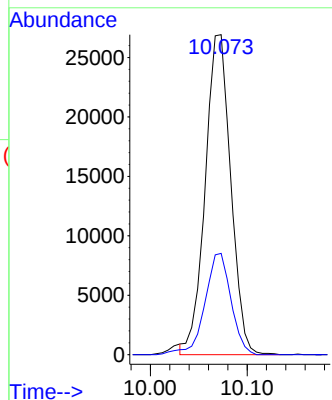
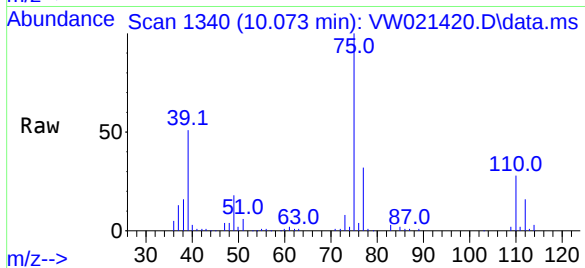
ClientSampleId :

Tgt Ion: 75 Resp: 49501

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.816 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021420.D

Acq: 17 Dec 2021 09:20

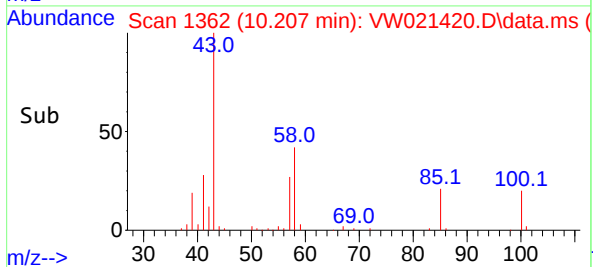
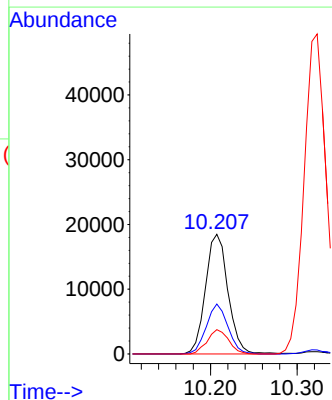
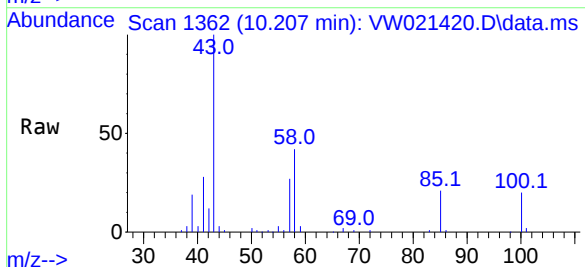
Tgt Ion: 43 Resp: 33396

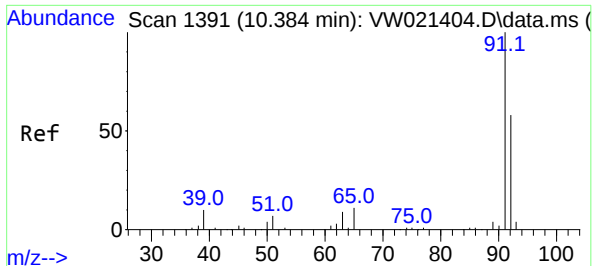
Ion Ratio Lower Upper

43 100

58 40.1 28.8 43.2

100 19.3 10.0 15.0#

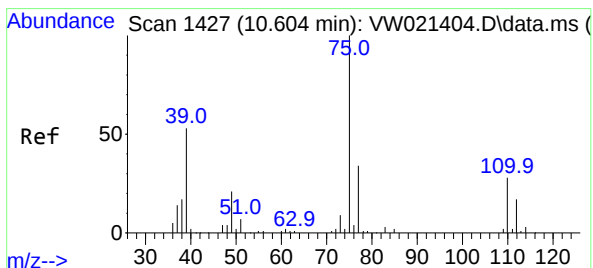
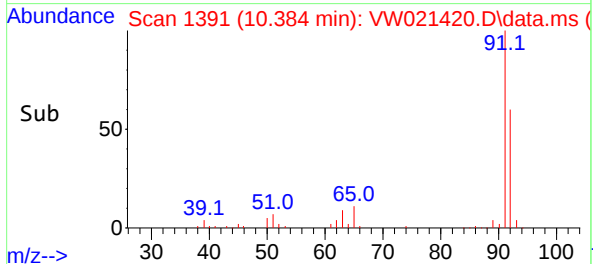
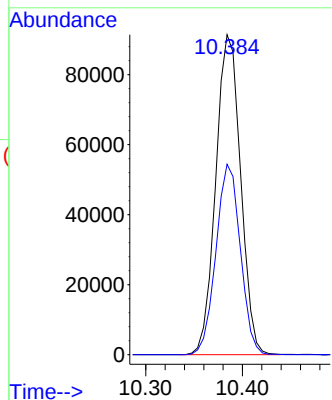
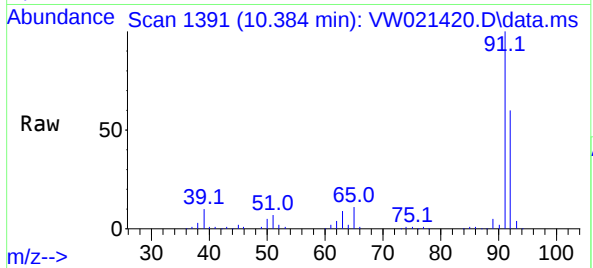




#42
Toluene
Concen: 26.266 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

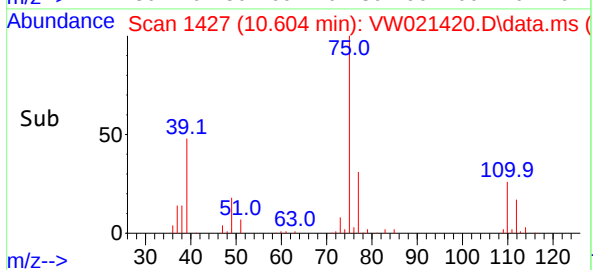
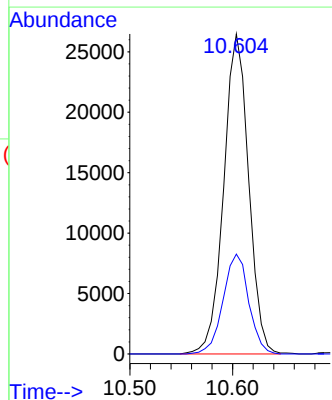
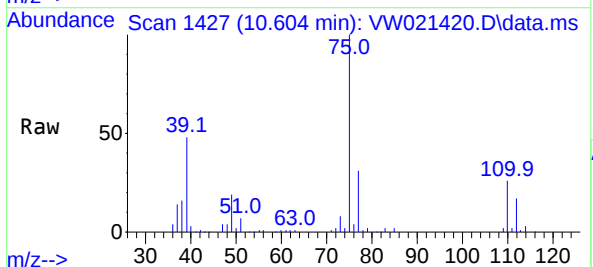
Instrument :
MSVOA_W
ClientSampleId :

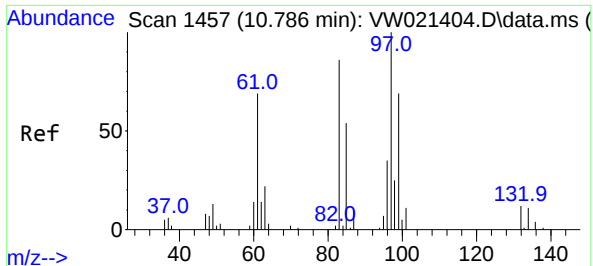
Tgt Ion: 91 Resp: 162904
Ion Ratio Lower Upper
91 100
92 59.5 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 27.238 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

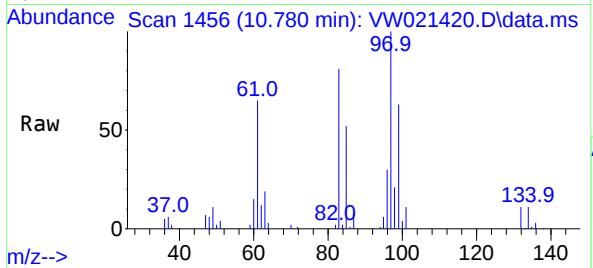
Tgt Ion: 75 Resp: 44484
Ion Ratio Lower Upper
75 100
77 31.2 22.2 41.2





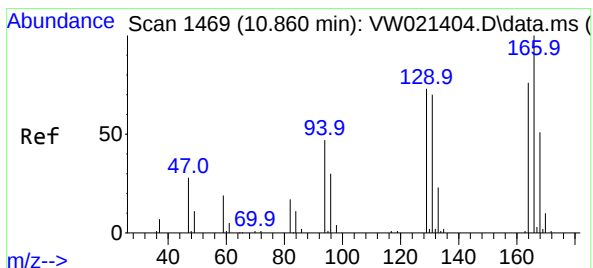
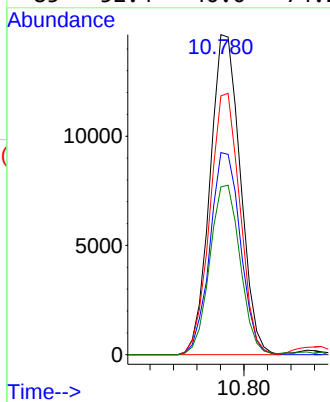
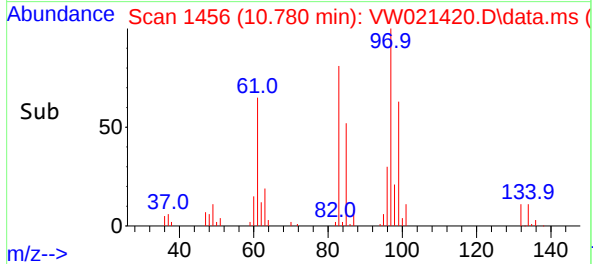
#45
1,1,2-Trichloroethane
Concen: 27.131 ug/L
RT: 10.780 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :

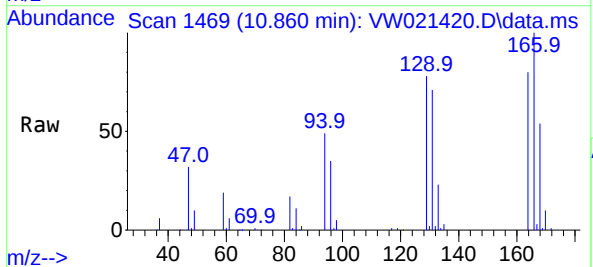


Tgt Ion: 97 Resp: 26267

Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.0	79.8
83	80.9	62.6	116.3
85	52.4	40.0	74.2

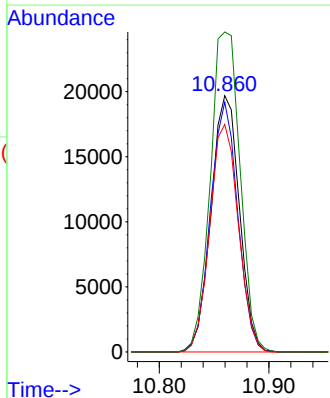
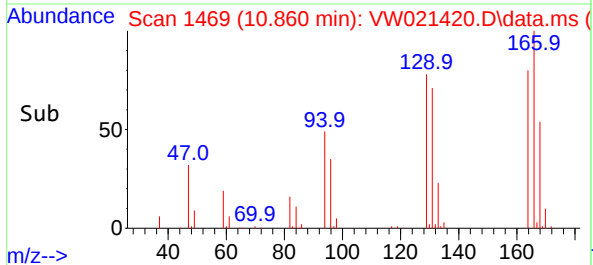


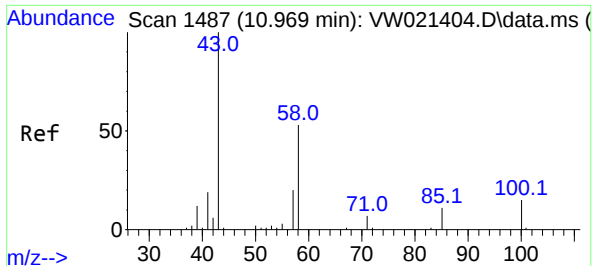
#46
Tetrachloroethene
Concen: 24.998 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20



Tgt Ion: 164 Resp: 35351

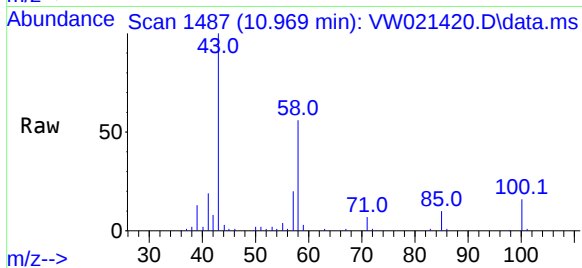
Ion	Ratio	Lower	Upper
164	100		
129	97.4	65.5	121.7
131	88.8	59.7	110.9
166	124.8	88.7	164.7



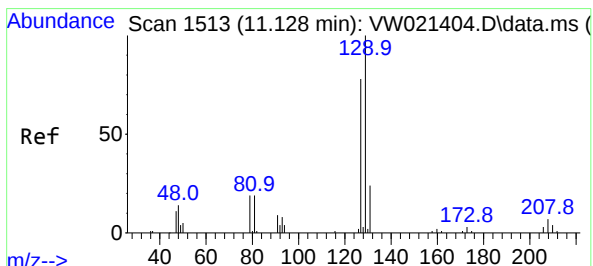
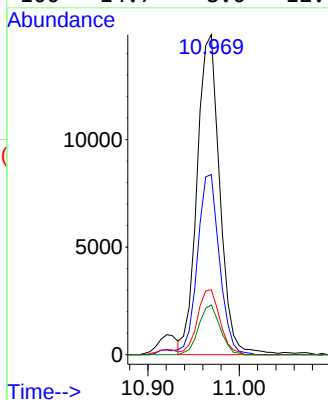
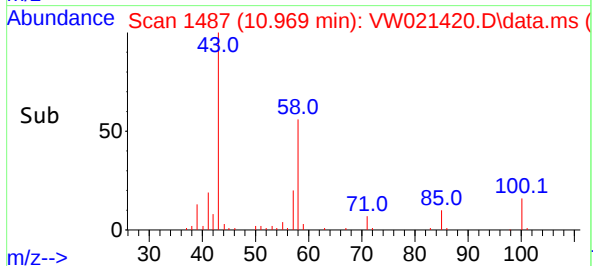


#48
2-Hexanone
Concen: 54.836 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :

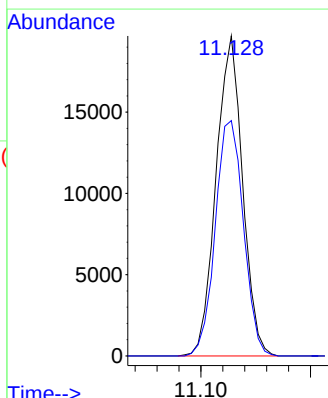
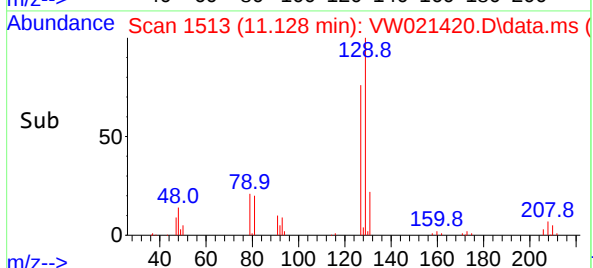
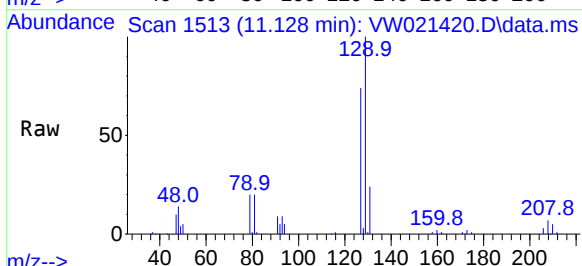


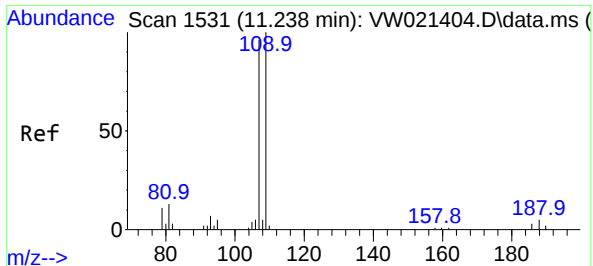
Tgt Ion: 43 Resp: 25630
Ion Ratio Lower Upper
43 100
58 54.7 40.2 60.2
57 20.2 14.3 21.5
100 14.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 27.682 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 129 Resp: 33039
Ion Ratio Lower Upper
129 100
127 73.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 26.396 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021420.D

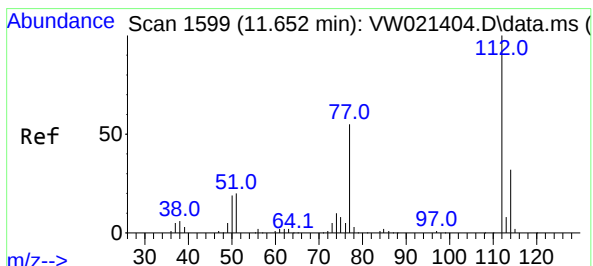
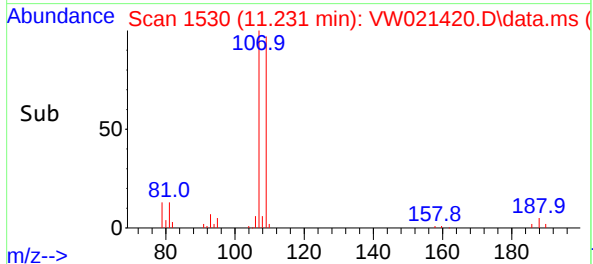
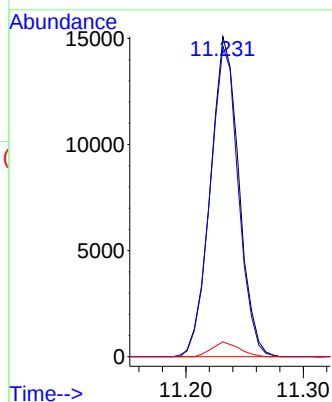
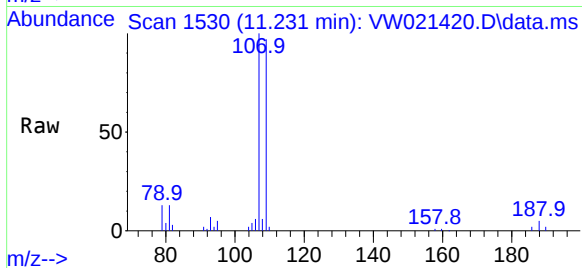
Acq: 17 Dec 2021 09:20

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	25432
Ion Ratio	Lower	Upper	
107	100		
109	97.0	64.1	119.1
188	4.6	2.6	3.8#



#51

Chlorobenzene

Concen: 25.977 ug/L

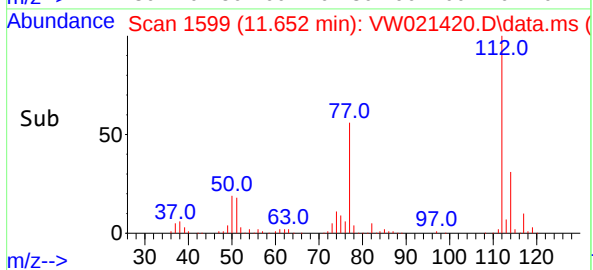
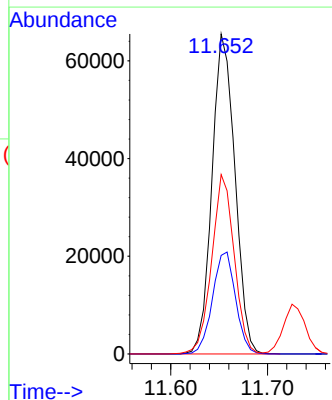
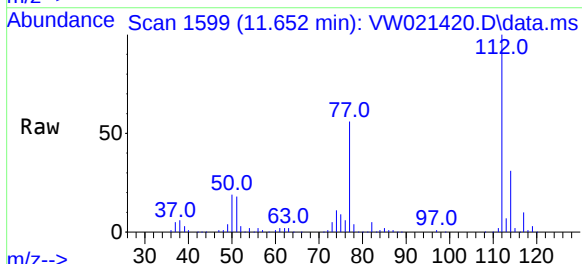
RT: 11.652 min Scan# 1599

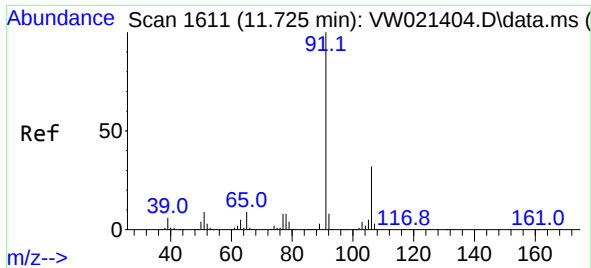
Delta R.T. 0.000 min

Lab File: VW021420.D

Acq: 17 Dec 2021 09:20

Tgt Ion:	112	Resp:	107866
Ion Ratio	Lower	Upper	
112	100		
114	30.8	22.4	41.6
77	56.1	50.2	75.4

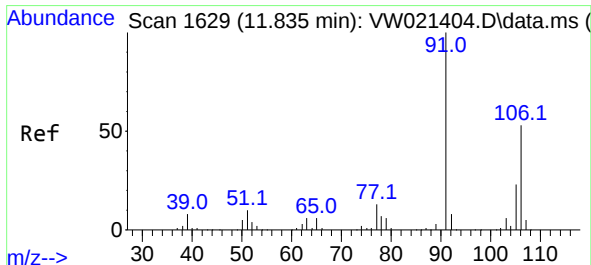
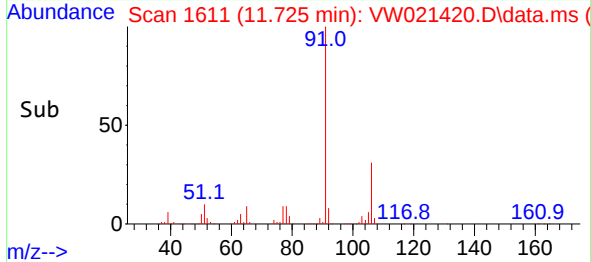
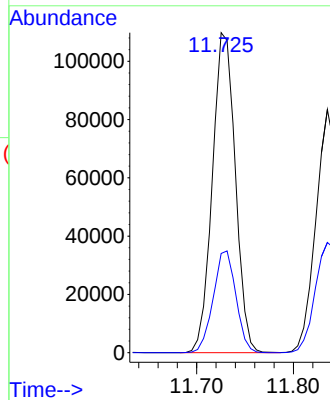
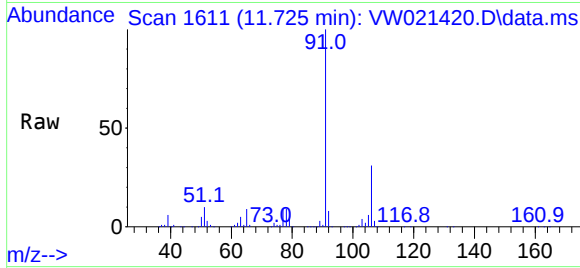




#52
Ethylbenzene
Concen: 25.566 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

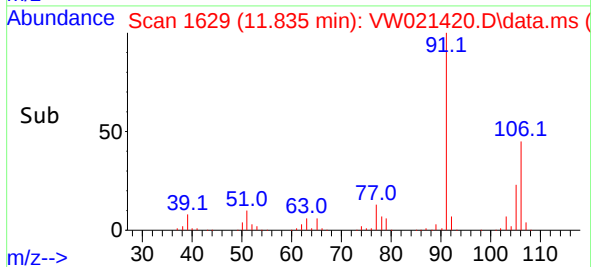
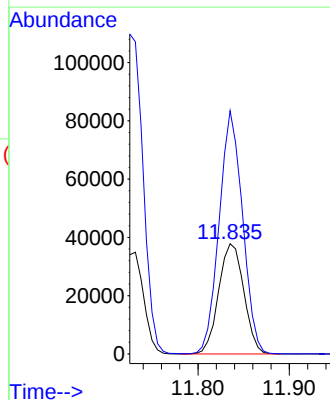
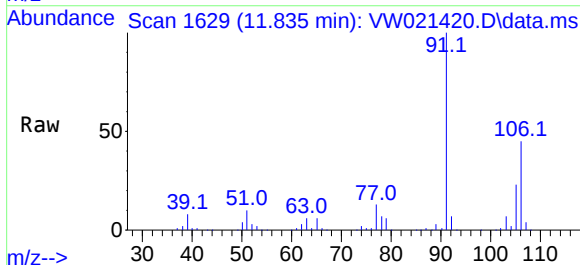
Instrument :
MSVOA_W
ClientSampleId :

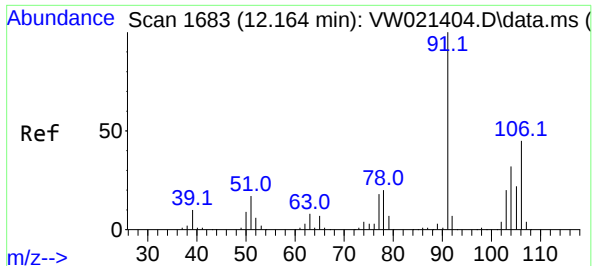
Tgt Ion: 91 Resp: 181198
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 25.310 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion:106 Resp: 72363
Ion Ratio Lower Upper
106 100
91 220.5 149.9 278.3





#54

o-Xylene

Concen: 26.165 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021420.D

Acq: 17 Dec 2021 09:20

Instrument :

MSVOA_W

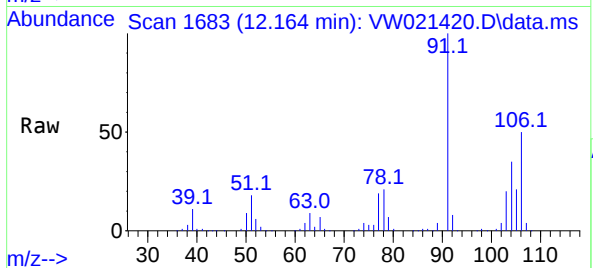
ClientSampleId :

Tgt Ion:106 Resp: 70997

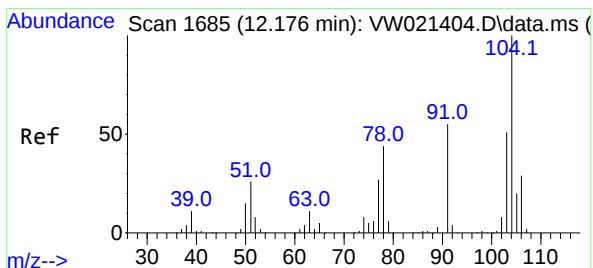
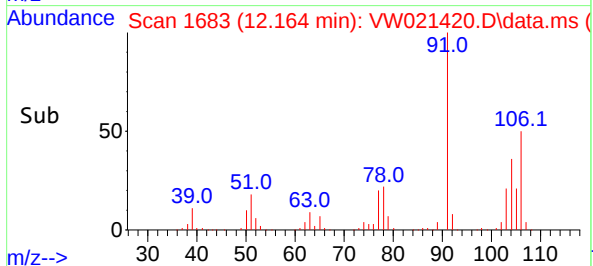
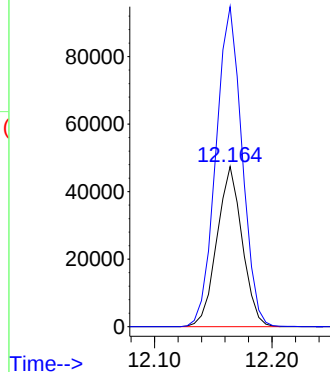
Ion Ratio Lower Upper

106 100

91 199.9 153.6 285.3



Abundance



#55

Styrene

Concen: 26.996 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW021420.D

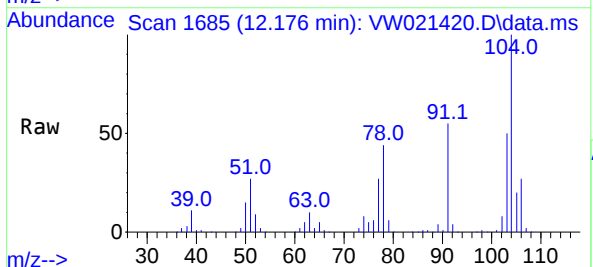
Acq: 17 Dec 2021 09:20

Tgt Ion:104 Resp: 124670

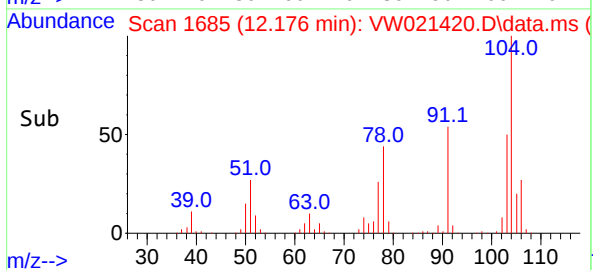
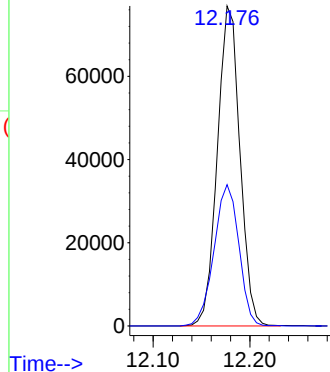
Ion Ratio Lower Upper

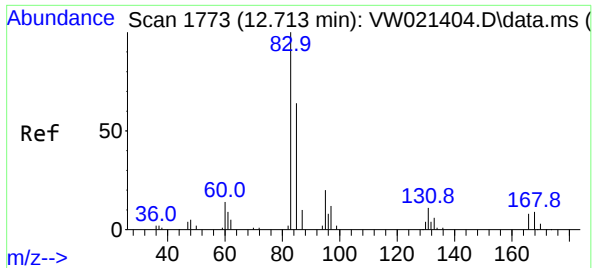
104 100

78 44.2 34.4 64.0



Abundance

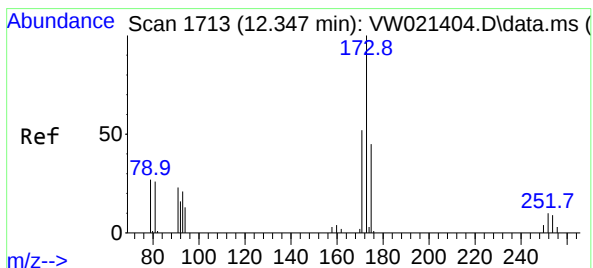
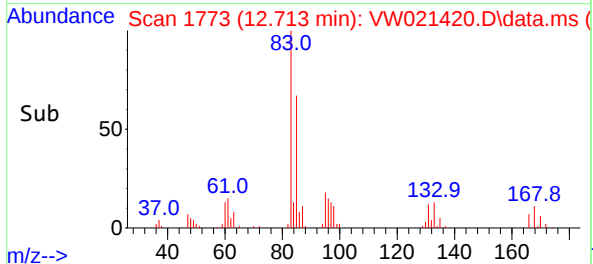
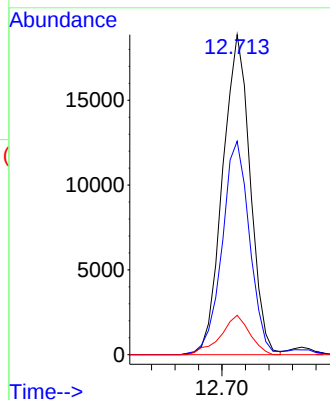
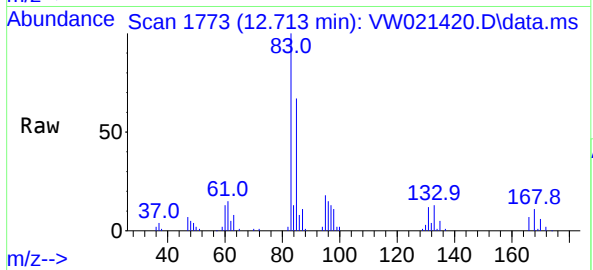




#57
1,1,2,2-Tetrachloroethane
Concen: 27.669 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

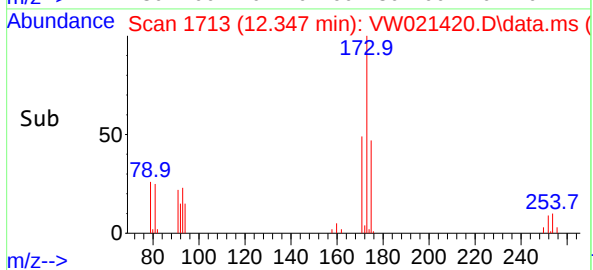
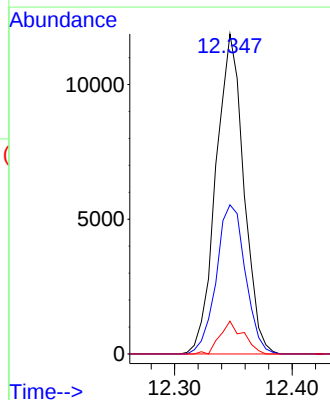
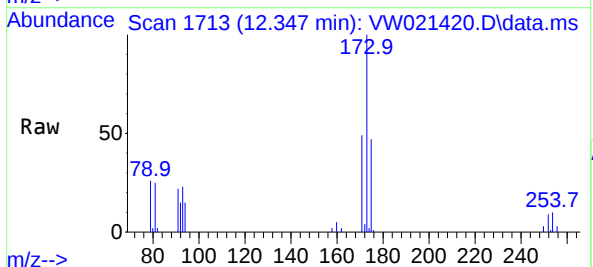
Instrument :
MSVOA_W
ClientSampleId :

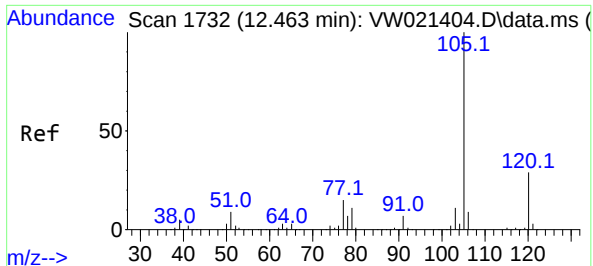
Tgt Ion: 83 Resp: 30707
Ion Ratio Lower Upper
83 100
85 66.7 44.0 81.6
131 12.3 6.9 10.3#



#59
Bromoform
Concen: 28.013 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion:173 Resp: 19580
Ion Ratio Lower Upper
173 100
175 48.5 39.6 59.4
254 8.5 7.4 11.0

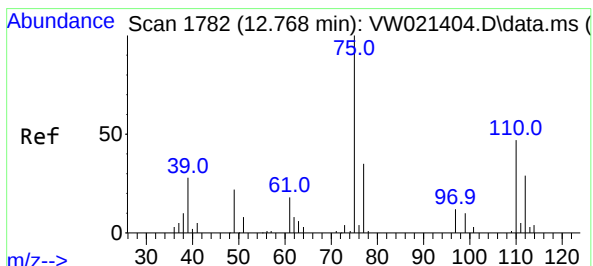
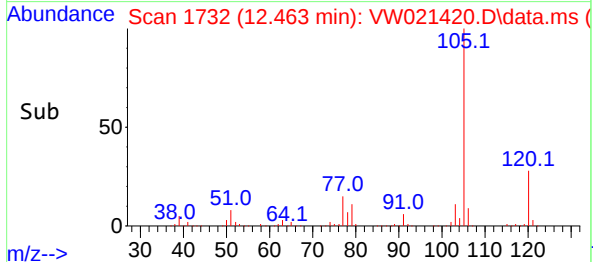
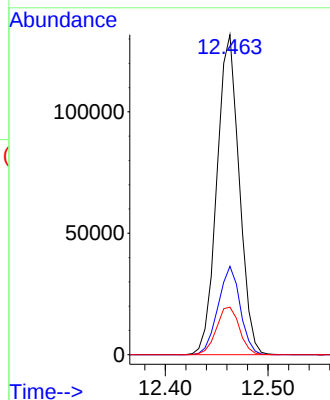
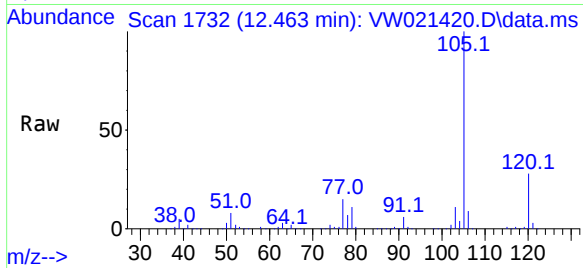




#60
Isopropylbenzene
Concen: 24.840 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

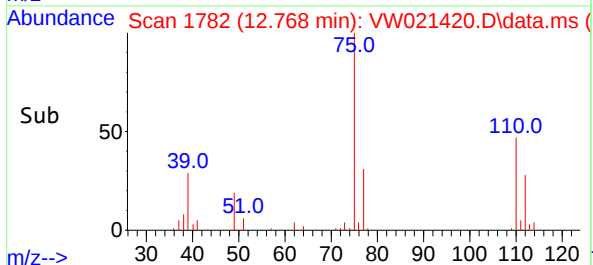
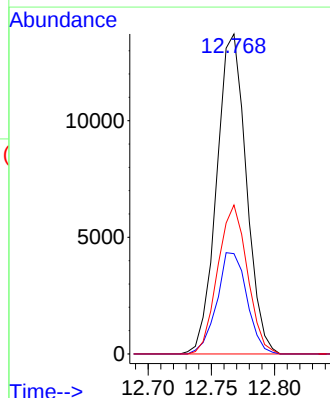
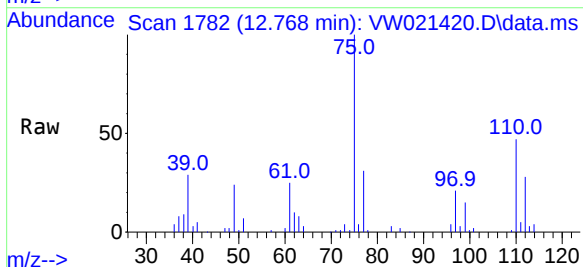
Instrument :
MSVOA_W
ClientSampleId :

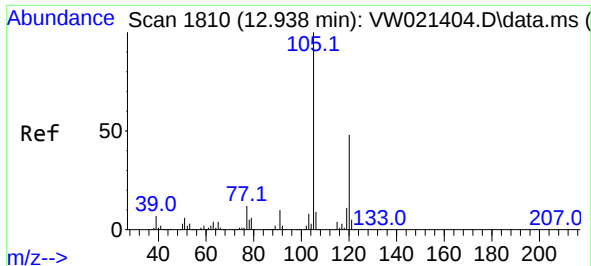
Tgt Ion:105 Resp: 198273
Ion Ratio Lower Upper
105 100
120 27.4 20.1 30.1
77 15.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.120 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion: 75 Resp: 22331
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 46.5 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.766 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021420.D

Acq: 17 Dec 2021 09:20

Instrument :

MSVOA_W

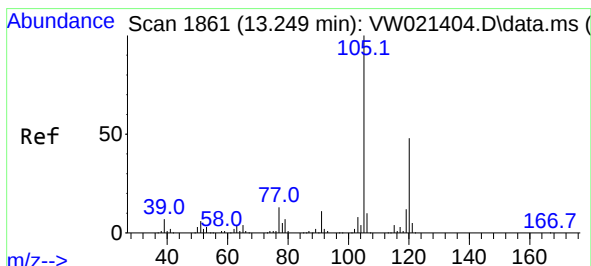
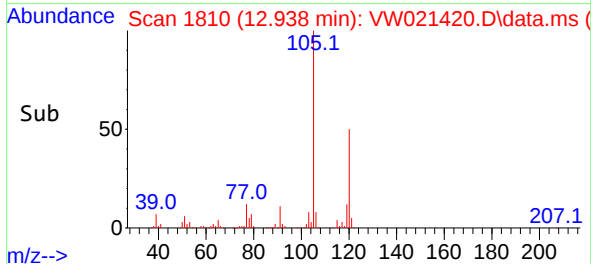
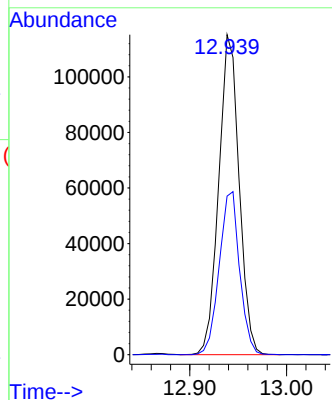
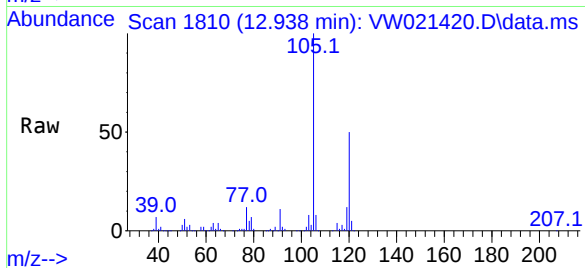
ClientSampleId :

Tgt Ion:105 Resp: 168222

Ion Ratio Lower Upper

105 100

120 51.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.344 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021420.D

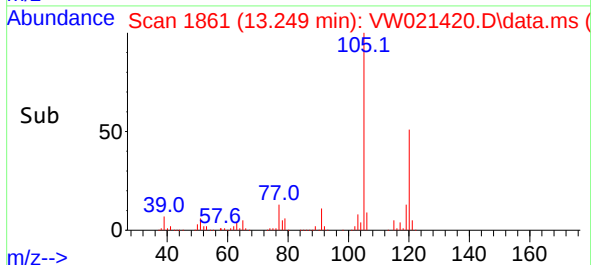
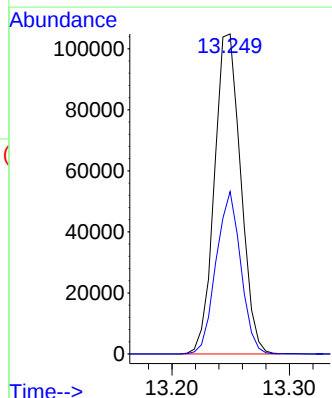
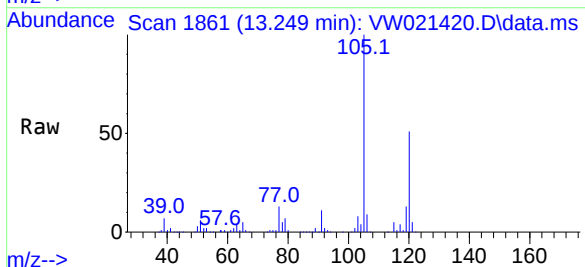
Acq: 17 Dec 2021 09:20

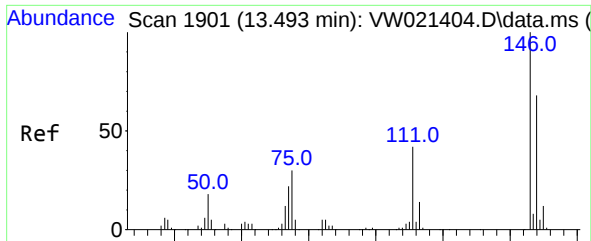
Tgt Ion:105 Resp: 163120

Ion Ratio Lower Upper

105 100

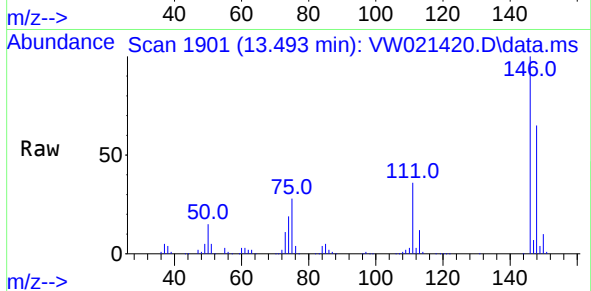
120 47.6 35.0 52.6



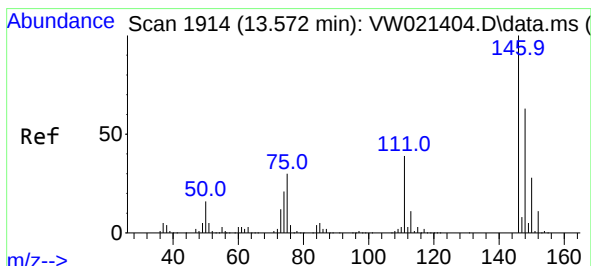
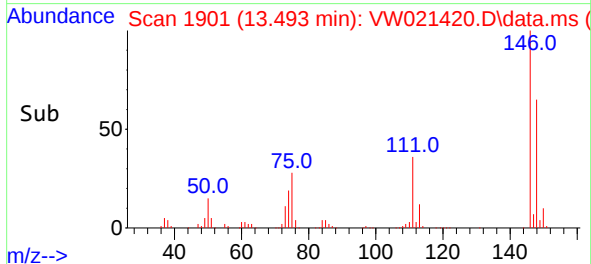
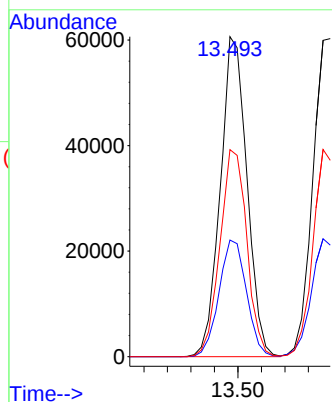


#64
1,3-Dichlorobenzene
Concen: 25.331 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :

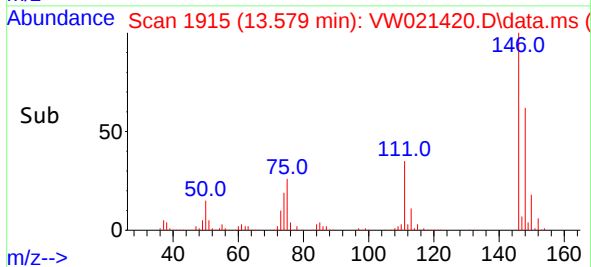
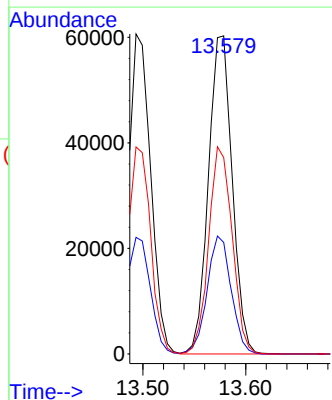
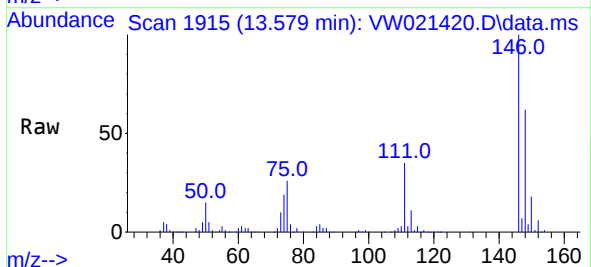


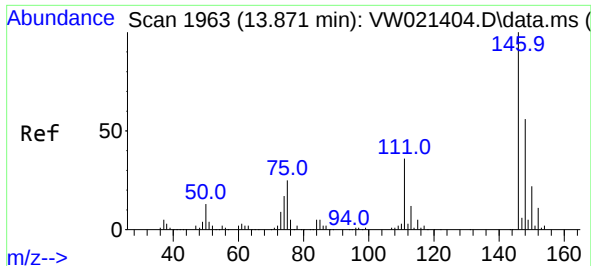
Tgt Ion:146 Resp: 95373
Ion Ratio Lower Upper
146 100
111 36.5 29.8 55.3
148 64.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 26.000 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion:146 Resp: 97256
Ion Ratio Lower Upper
146 100
111 35.0 29.0 53.9
148 61.7 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.295 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW021420.D

Acq: 17 Dec 2021 09:20

Instrument :

MSVOA_W

ClientSampleId :

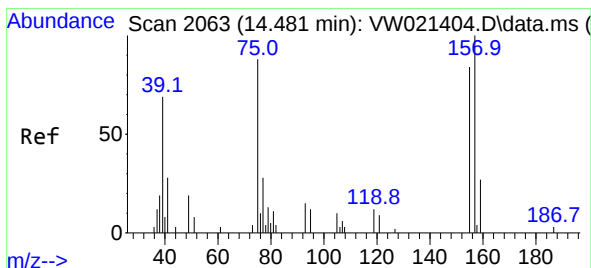
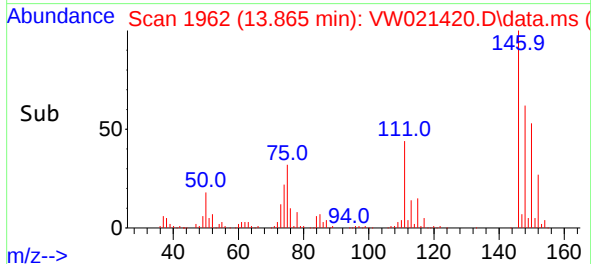
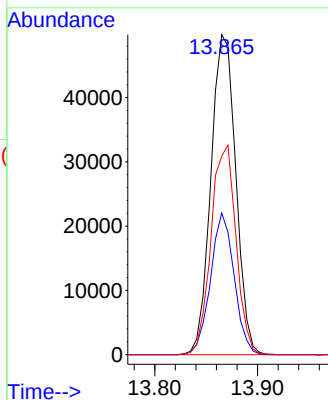
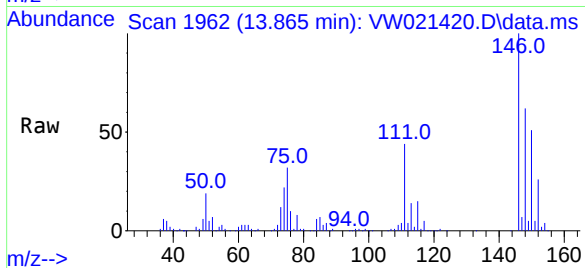
Tgt Ion:146 Resp: 83846

Ion Ratio Lower Upper

146 100

111 44.2 33.1 49.7

148 62.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 26.057 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021420.D

Acq: 17 Dec 2021 09:20

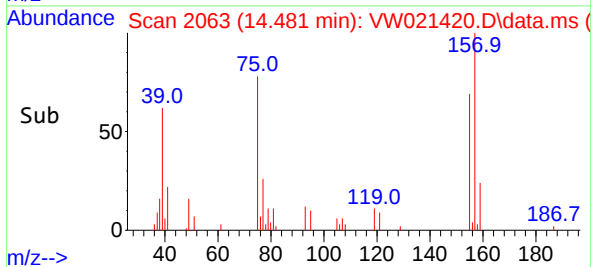
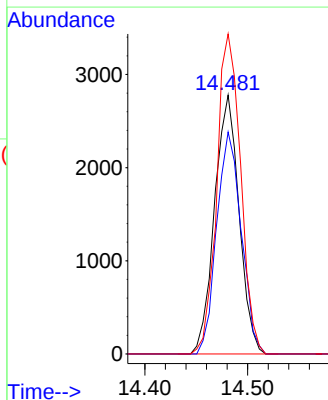
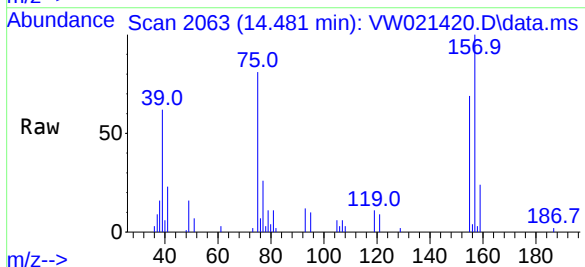
Tgt Ion: 75 Resp: 4595

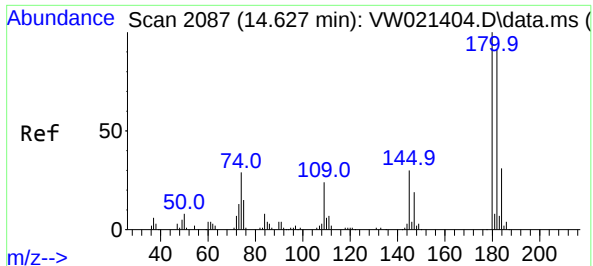
Ion Ratio Lower Upper

75 100

155 85.8 54.2 81.2#

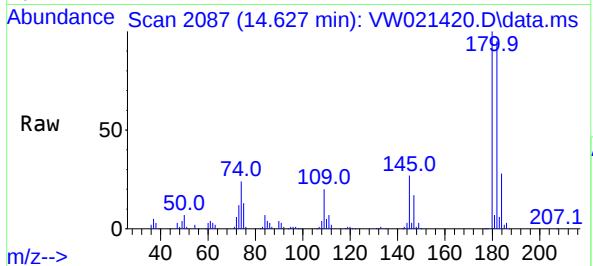
157 123.6 69.4 104.2#





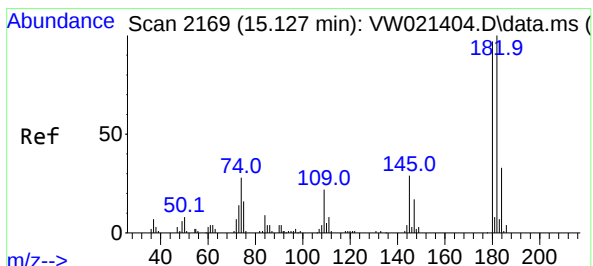
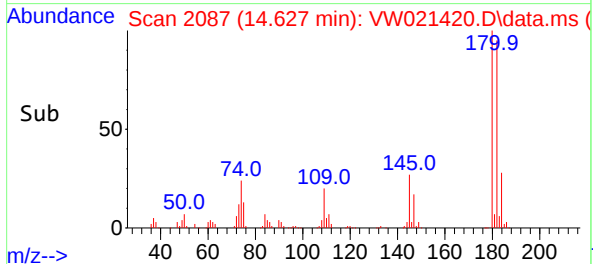
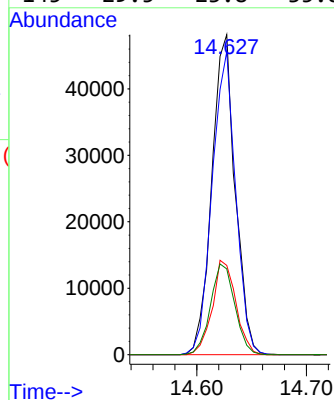
#69
1,3,5-Trichlorobenzene
Concen: 25.343 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 71317

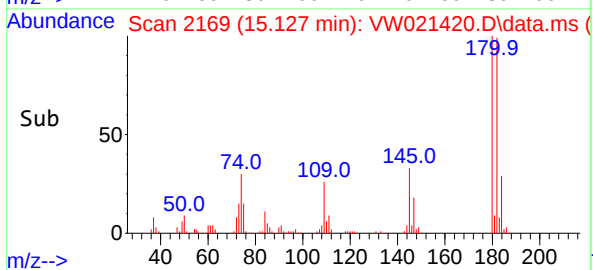
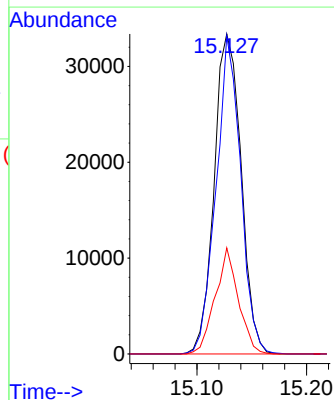
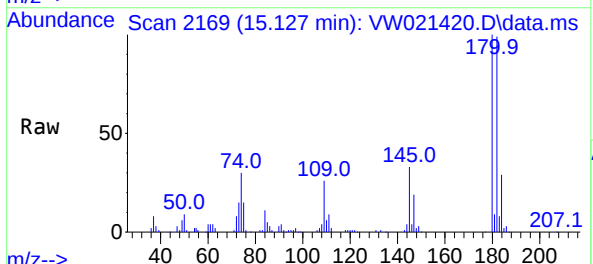
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.4	113.0
184	29.8	23.8	35.8
145	29.5	23.8	35.8

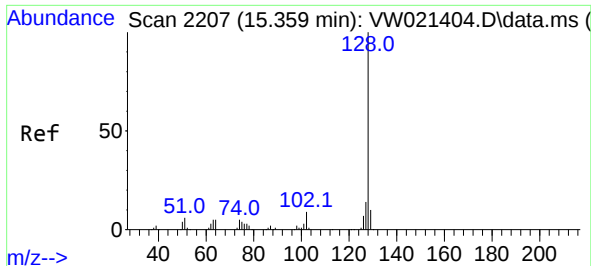


#70
1,2,4-trichlorobenzene
Concen: 25.160 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion:180 Resp: 56948

Ion	Ratio	Lower	Upper
180	100		
182	90.9	79.0	118.6
145	28.6	26.0	39.0

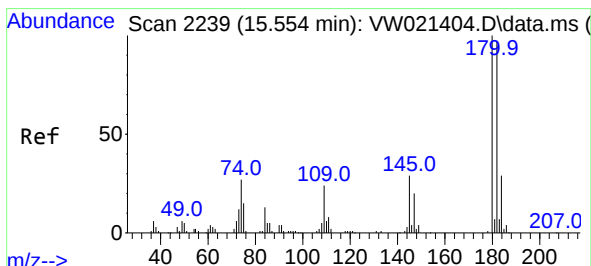
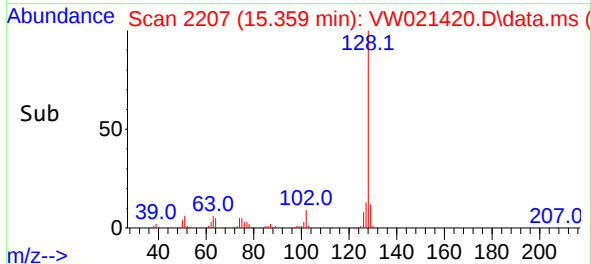
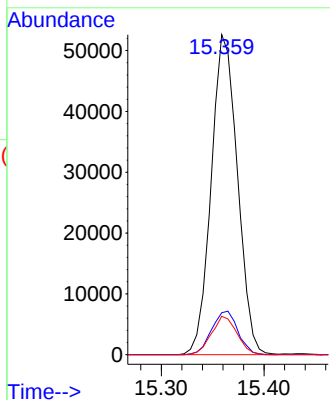
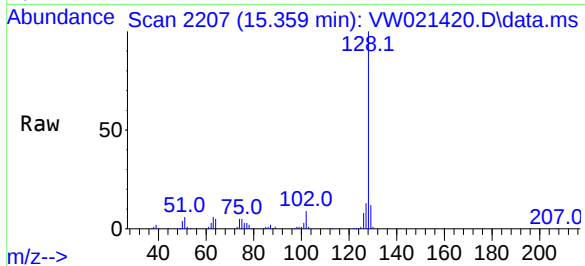




#71
Naphthalene
Concen: 25.415 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	93457
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	11.6	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.631 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021420.D
Acq: 17 Dec 2021 09:20

Tgt Ion:	180	Resp:	49815
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	32.5	27.4	41.0

