

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021404.D
 Acq On : 16 Dec 2021 09:13
 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 00:54:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	94683	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	93665	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	54652	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43588	25.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.120%	
7) Chloroethane-d5	2.879	69	32833	28.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 115.200%	
11) 1,1-Dichloroethene-d2	4.013	63	55850	24.293	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.160%	
21) 2-Butanone-d5	7.074	46	13021	53.568	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.140%	
24) Chloroform-d	7.647	84	67348	25.524	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.080%	
26) 1,2-Dichloroethane-d4	8.305	65	34775	24.776	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.120%	
32) Benzene-d6	8.275	84	125856	24.514	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 98.040%	
36) 1,2-Dichloropropane-d6	9.268	67	34095	24.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 99.040%	
41) Toluene-d8	10.323	98	124188	23.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.680%	
43) trans-1,3-Dichloroprop...	10.573	79	14831	23.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 93.560%	
47) 2-Hexanone-d5	10.921	63	10758	52.837	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.680%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31924	26.971	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.880%	
66) 1,2-Dichlorobenzene-d4	13.853	152	52169	24.630	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	12784	34.945	ug/L	95
3) Chloromethane	2.215	50	28883	23.848	ug/L	99
5) Vinyl chloride	2.361	62	49217	25.886	ug/L	99
6) Bromomethane	2.776	94	33554	27.208	ug/L	94
8) Chloroethane	2.922	64	25510	29.123	ug/L	95
9) Trichlorofluoromethane	3.251	101	32302	32.199	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	33854	25.894	ug/L	91
12) 1,1-Dichloroethene	4.038	96	28965	24.680	ug/L	85
13) Acetone	4.129	43	8967	41.150	ug/L	96
14) Carbon disulfide	4.379	76	74723	24.654	ug/L	98
15) Methyl Acetate	4.672	43	9115	24.243	ug/L	# 90
16) Methylene chloride	4.909	84	30523	19.510	ug/L	81
17) trans-1,2-Dichloroethene	5.422	96	31521	24.805	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	40710	23.196	ug/L	93
19) 1,1-Dichloroethane	6.214	63	49715	24.931	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	32780	24.457	ug/L	80
22) 2-Butanone	7.165	43	12572	44.178	ug/L	86
23) Bromochloromethane	7.513	128	15548	24.809	ug/L	# 65
25) Chloroform	7.677	83	58894	25.442	ug/L	100

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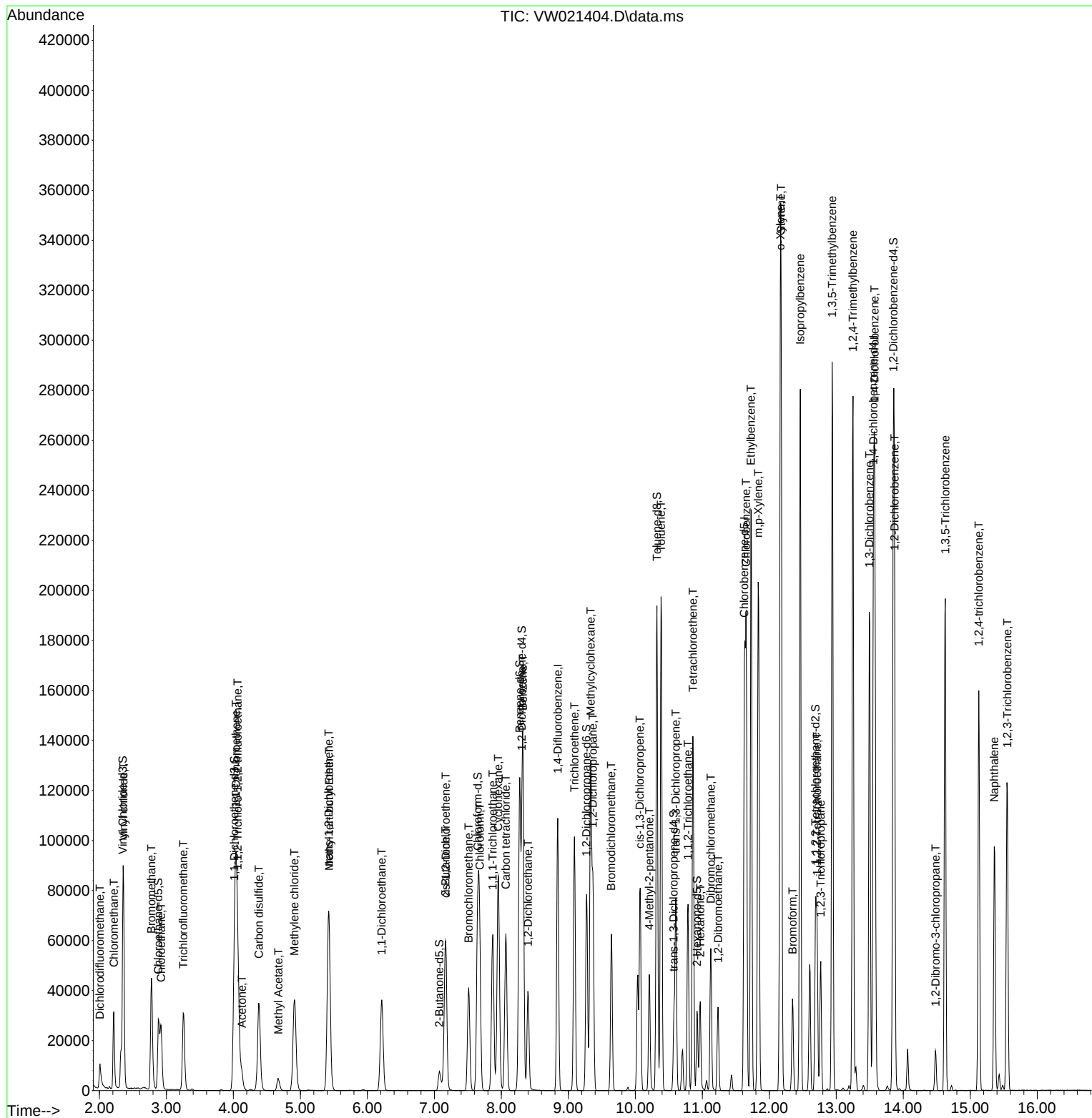
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	36042	24.587	ug/L	95
29) Cyclohexane	7.952	56	42891	23.006	ug/L #	78
30) 1,1,1-Trichloroethane	7.872	97	50850	24.196	ug/L	94
31) Carbon tetrachloride	8.067	117	47653	24.580	ug/L	99
33) Benzene	8.323	78	120227	23.563	ug/L	100
34) Trichloroethene	9.092	95	34395	24.013	ug/L	94
35) Methylcyclohexane	9.335	83	54910	23.240	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	27376	24.054	ug/L #	95
38) Bromodichloromethane	9.640	83	40534	25.903	ug/L	99
39) cis-1,3-Dichloropropene	10.067	75	43826	24.428	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	28001	45.153	ug/L #	90
42) Toluene	10.384	91	144546	24.222	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	38610	24.570	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	22762	24.435	ug/L	94
46) Tetrachloroethene	10.860	164	32327	23.758	ug/L	96
48) 2-Hexanone	10.969	43	21754	48.373	ug/L #	92
49) Dibromochloromethane	11.128	129	28491	24.810	ug/L	98
50) 1,2-Dibromoethane	11.238	107	21759	23.471	ug/L #	86
51) Chlorobenzene	11.652	112	93092	23.301	ug/L	93
52) Ethylbenzene	11.725	91	162151	23.778	ug/L	98
53) m,p-Xylene	11.835	106	67442	24.515	ug/L	84
54) o-Xylene	12.164	106	63873	24.465	ug/L	98
55) Styrene	12.176	104	110115	24.782	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	26527	24.842	ug/L #	96
59) Bromoform	12.347	173	16955	26.073	ug/L	97
60) Isopropylbenzene	12.463	105	177073	23.845	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	19054	23.955	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	153594	24.306	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	148791	23.869	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	79532	22.706	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	84445	24.265	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	77141	25.015	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	3814	23.247	ug/L #	66
69) 1,3,5-Trichlorobenzene	14.627	180	64618	24.682	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	51670	24.538	ug/L	97
71) Naphthalene	15.359	128	83989	24.550	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	43525	25.011	ug/L	97

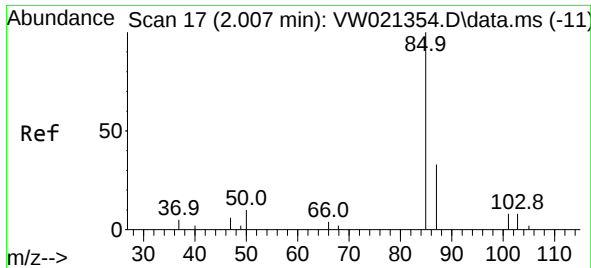
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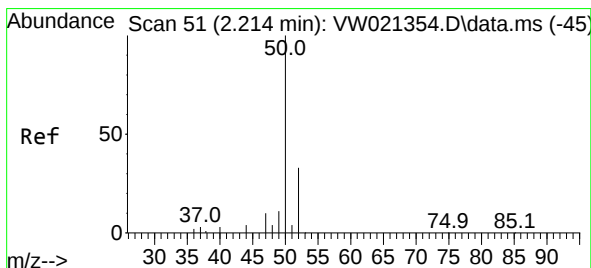
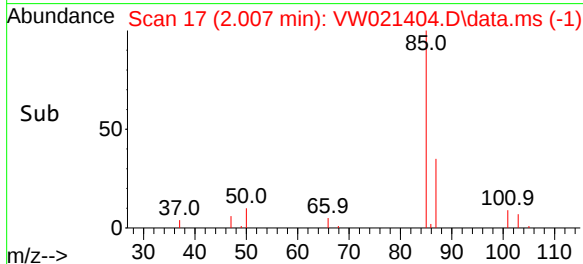
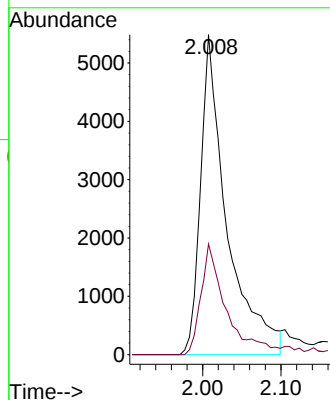
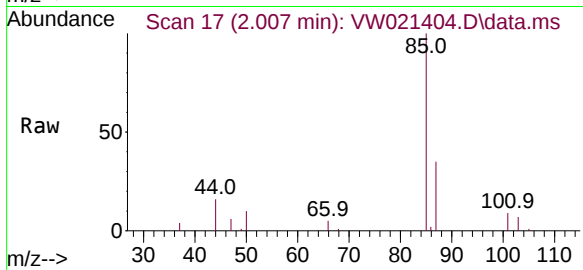




#2
Dichlorodifluoromethane
Concen: 34.945 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

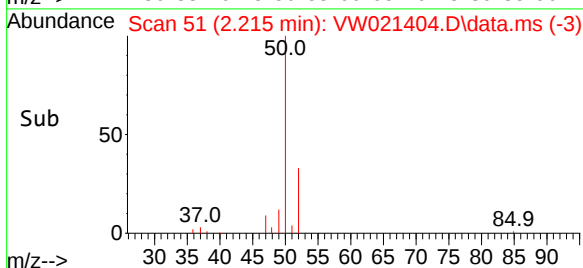
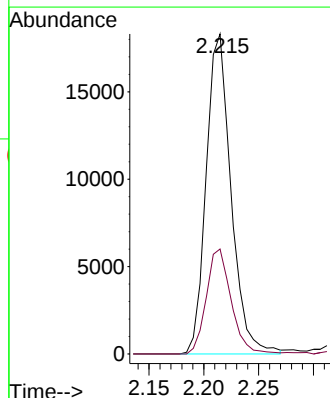
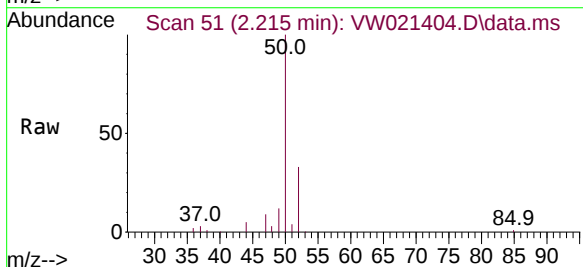
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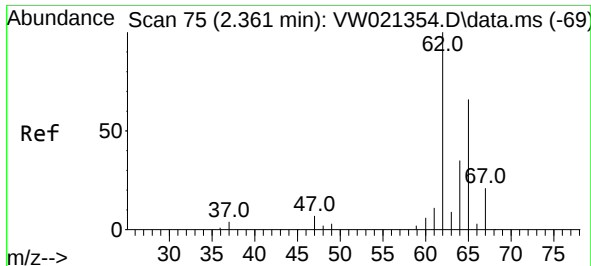
Tgt Ion: 85 Resp: 12784
Ion Ratio Lower Upper
85 100
87 29.5 25.8 38.6



#3
Chloromethane
Concen: 23.848 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion: 50 Resp: 28883
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.6



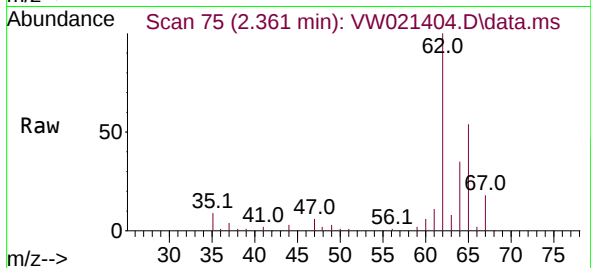


#5
 Vinyl chloride
 Concen: 25.886 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021404.D
 Acq: 16 Dec 2021 09:13

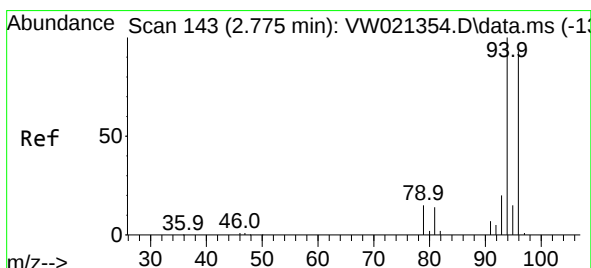
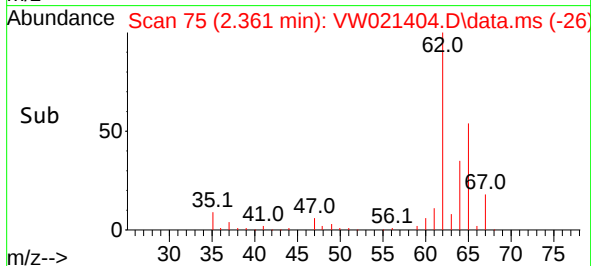
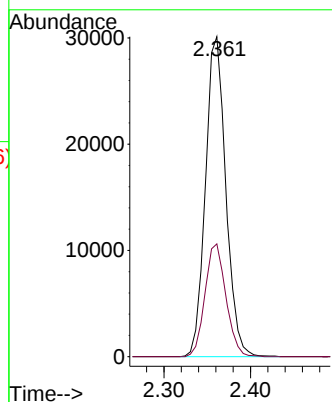
Instrument :

MSVOA_W

ClientSampleId :

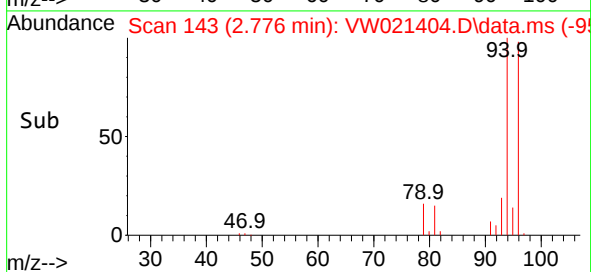
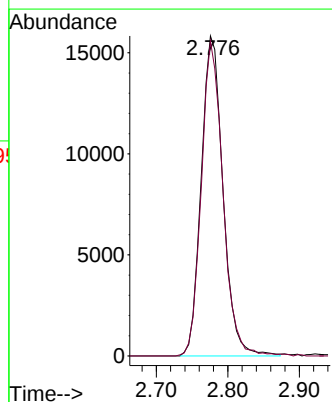
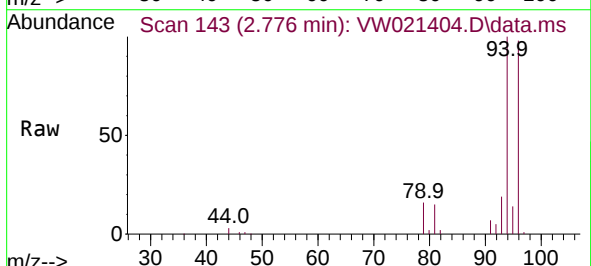


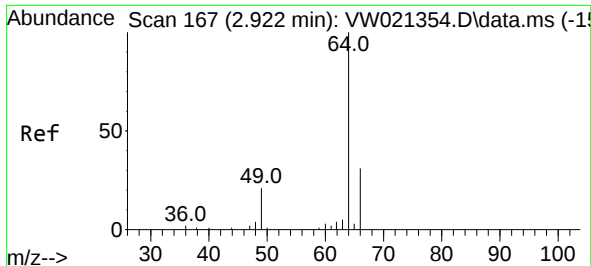
Tgt Ion: 62 Resp: 49217
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.4 45.2



#6
 Bromomethane
 Concen: 27.208 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021404.D
 Acq: 16 Dec 2021 09:13

Tgt Ion: 94 Resp: 33554
 Ion Ratio Lower Upper
 94 100
 96 98.4 64.8 120.4

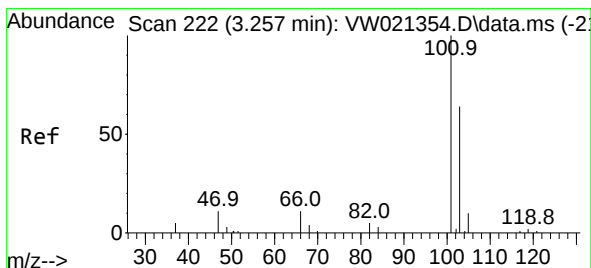
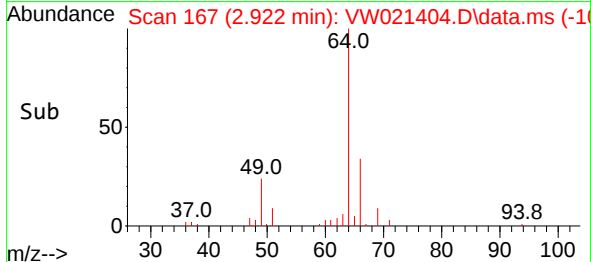
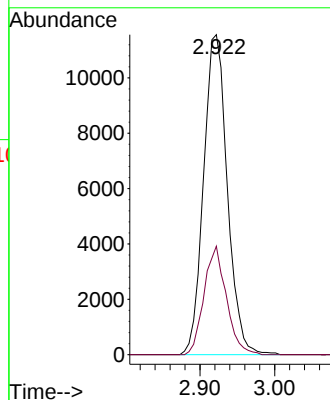
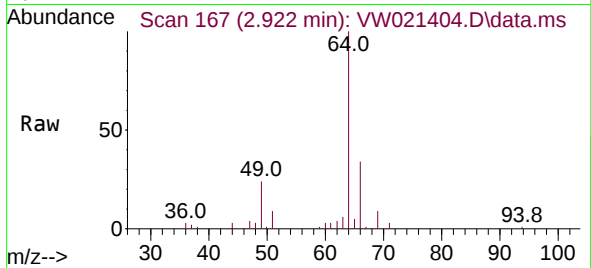




#8
Chloroethane
Concen: 29.123 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

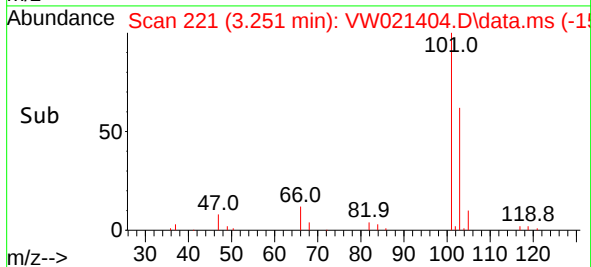
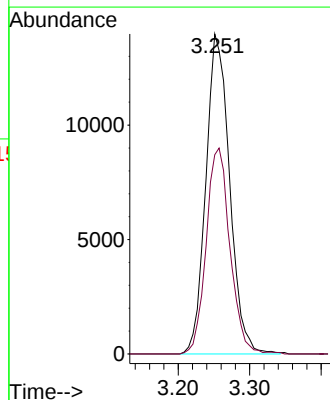
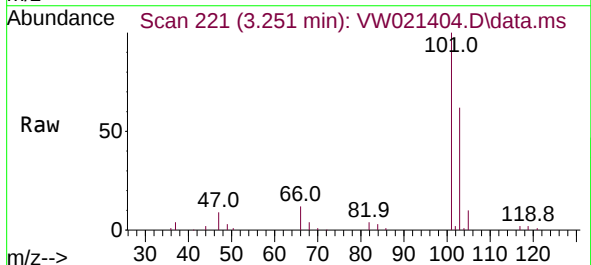
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ClientSampleId :

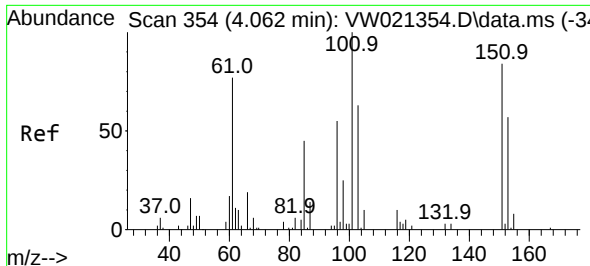
Tgt Ion: 64 Resp: 25510
Ion Ratio Lower Upper
64 100
66 33.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 32.199 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion: 101 Resp: 32302
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

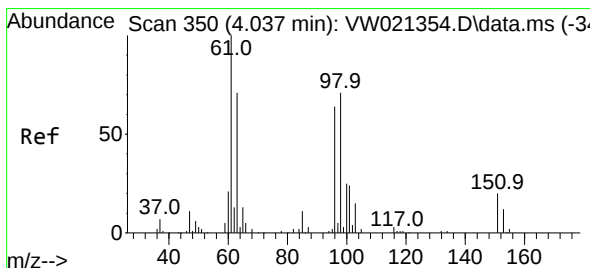
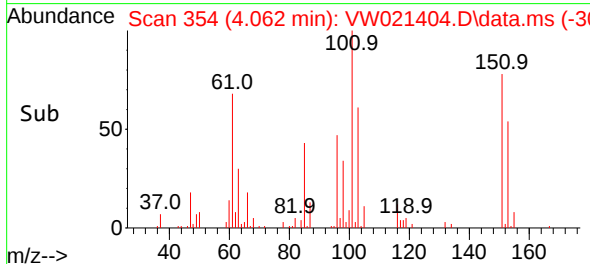
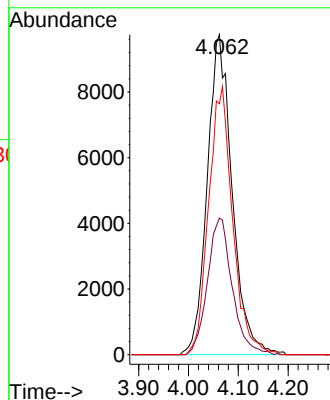
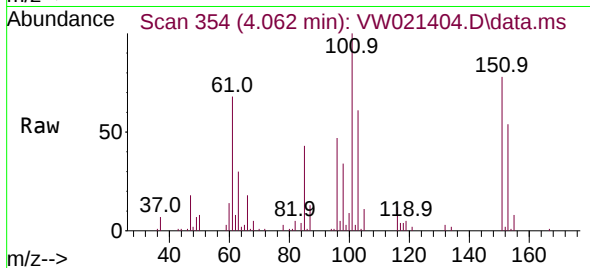




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.894 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW021404.D
 Acq: 16 Dec 2021 09:13

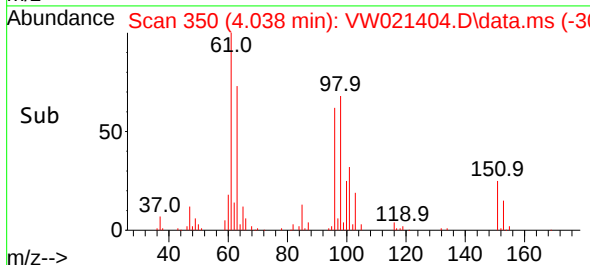
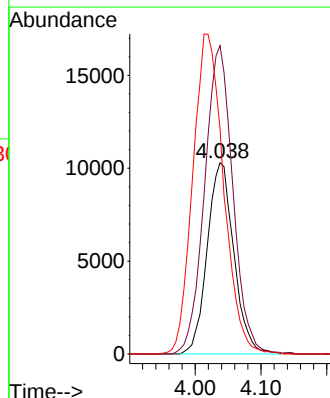
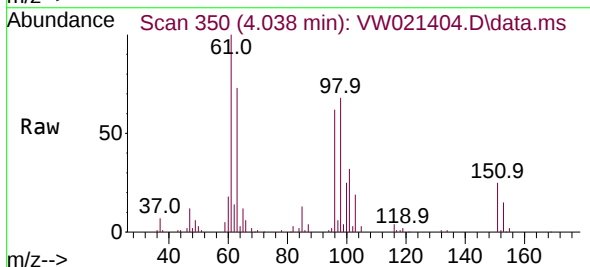
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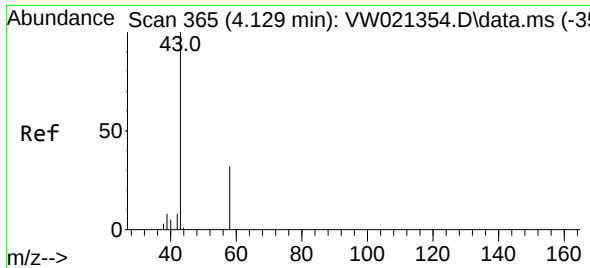
Tgt Ion:101 Resp: 33854
 Ion Ratio Lower Upper
 101 100
 85 42.3 36.6 54.8
 151 80.7 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.680 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021404.D
 Acq: 16 Dec 2021 09:13

Tgt Ion: 96 Resp: 28965
 Ion Ratio Lower Upper
 96 100
 61 161.2 138.3 256.9
 63 117.9 82.6 153.4

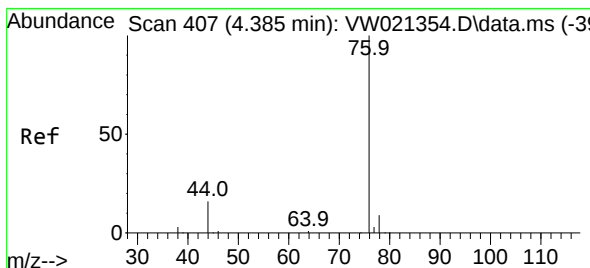
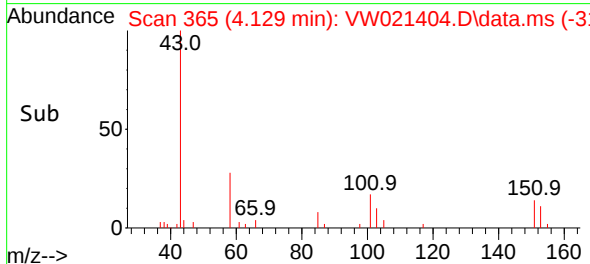
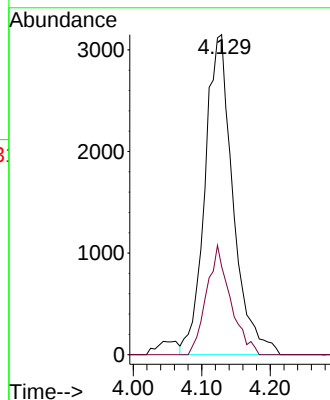
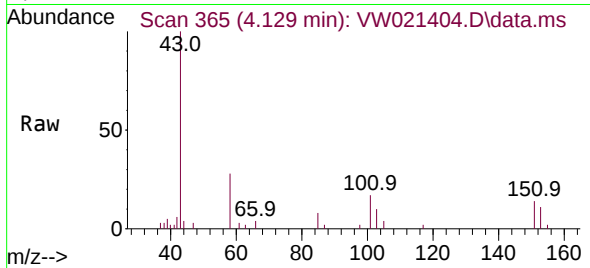




#13
Acetone
Concen: 41.150 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

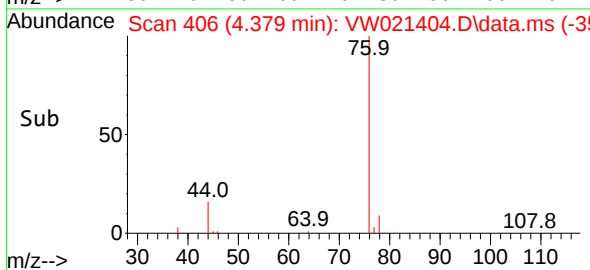
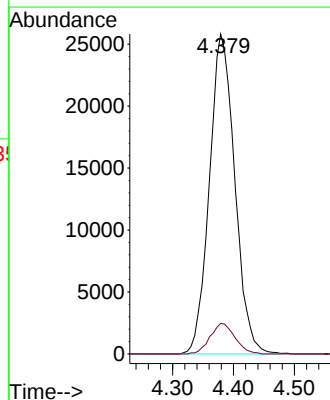
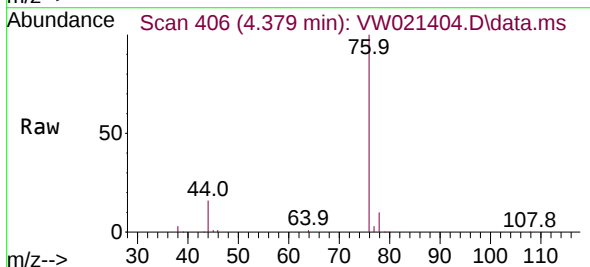
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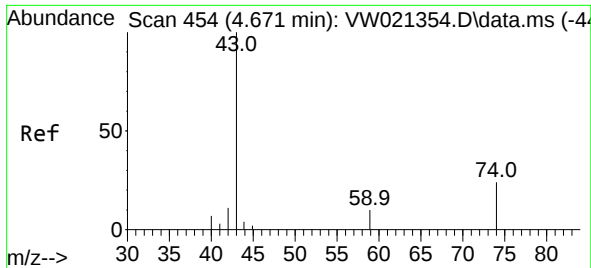
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Ion Ratio Lower Upper
43 100
58 28.4 0.0 52.8



#14
Carbon disulfide
Concen: 24.654 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion: 76 Resp: 74723
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

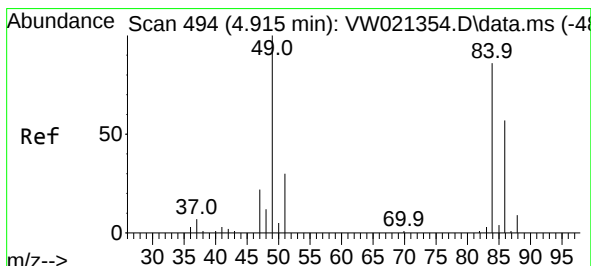
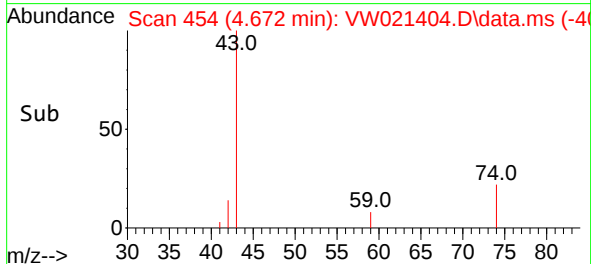
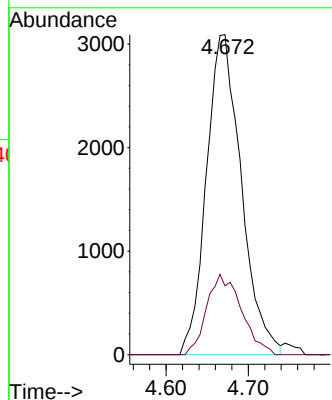
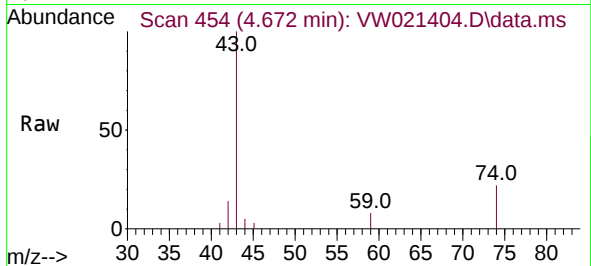




#15
Methyl Acetate
Concen: 24.243 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

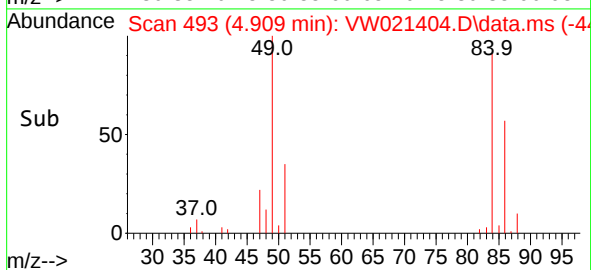
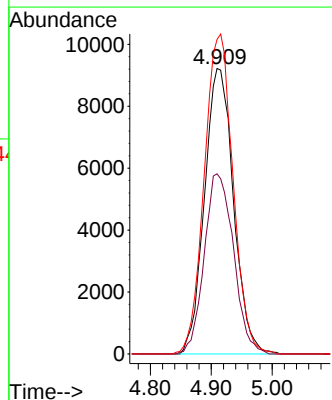
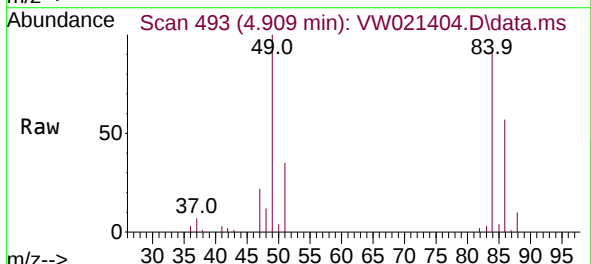
Instrument :
MSVOA_W
ClientSampleId :

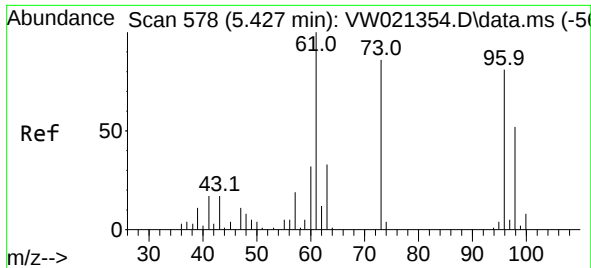
Tgt Ion: 43 Resp: 9115
Ion Ratio Lower Upper
43 100
74 25.0 16.4 24.6#



#16
Methylene chloride
Concen: 19.510 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion: 84 Resp: 30523
Ion Ratio Lower Upper
84 100
86 63.1 45.5 84.5
49 110.2 100.5 186.7

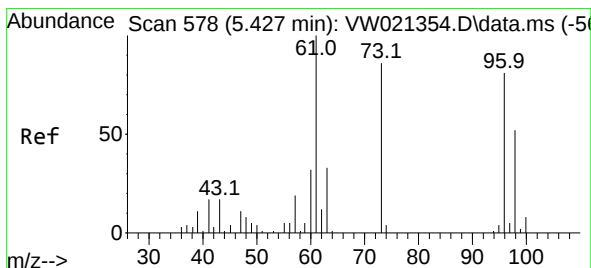
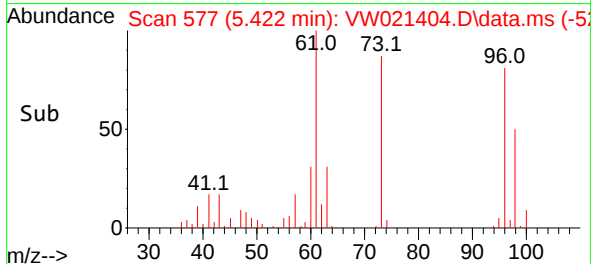
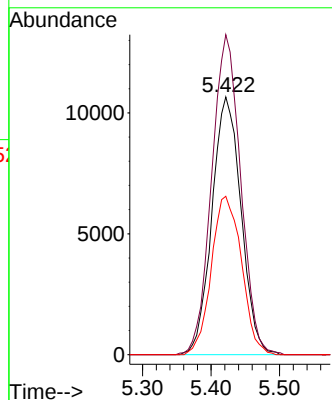
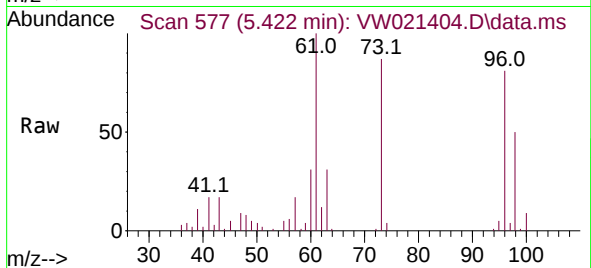




#17
trans-1,2-Dichloroethene
Concen: 24.805 ug/L
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

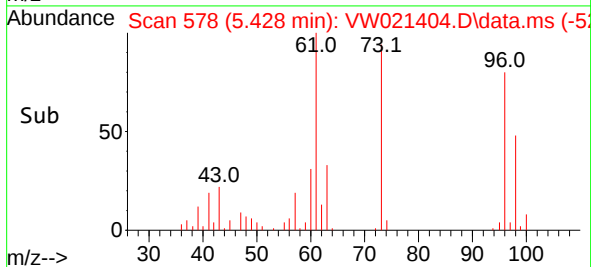
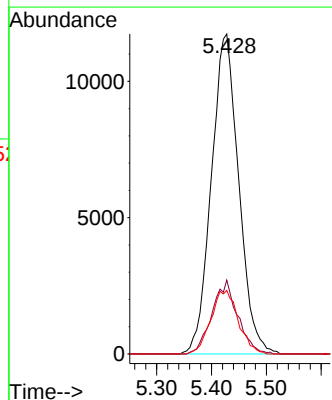
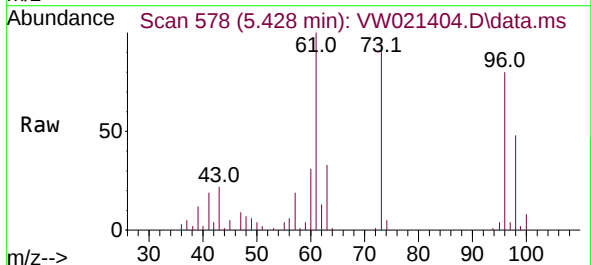
Instrument :
MSVOA_W
ClientSampleId :

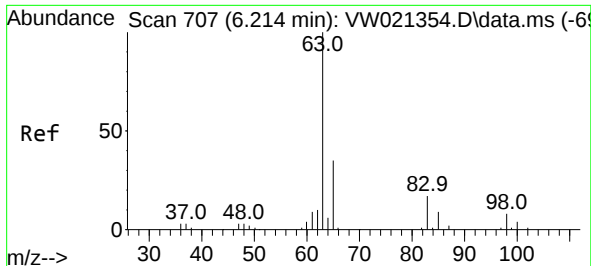
Tgt Ion: 96 Resp: 31521
Ion Ratio Lower Upper
96 100
61 124.2 107.4 199.4
98 61.5 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.196 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion: 73 Resp: 40710
Ion Ratio Lower Upper
73 100
43 21.7 19.5 29.3
57 20.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.931 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW021404.D

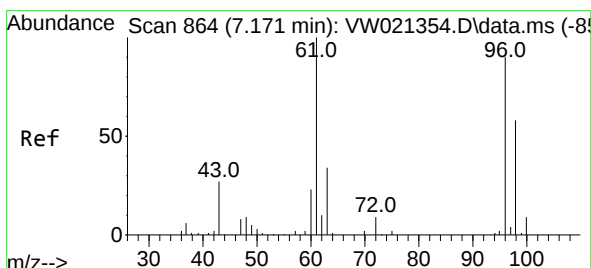
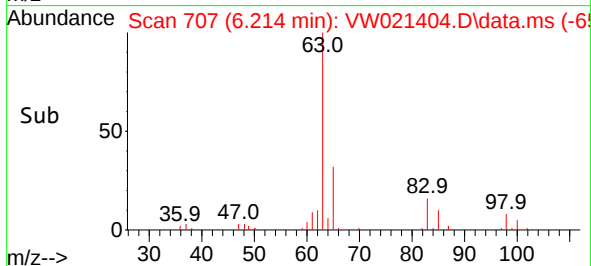
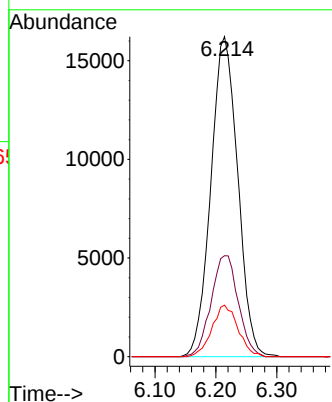
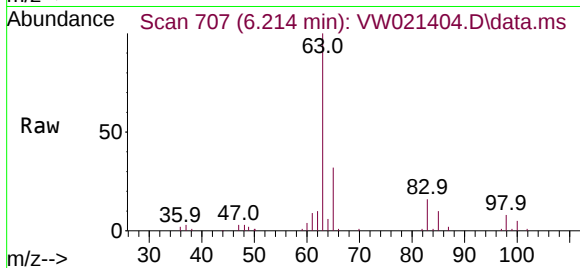
Acq: 16 Dec 2021 09:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 49715
Ion Ratio	Lower Upper
63 100	
65 31.6	22.1 41.1
83 16.1	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.457 ug/L

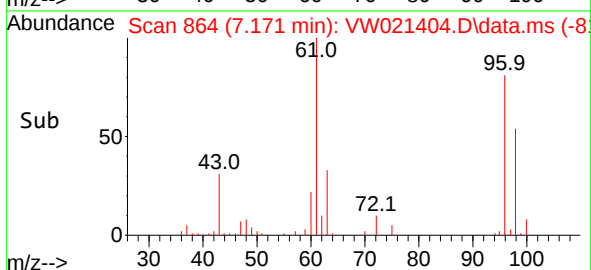
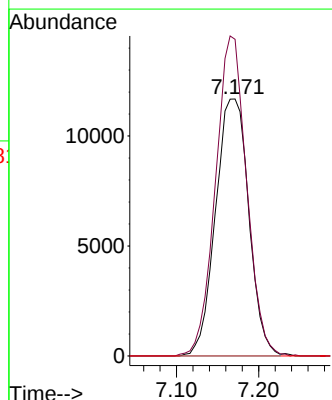
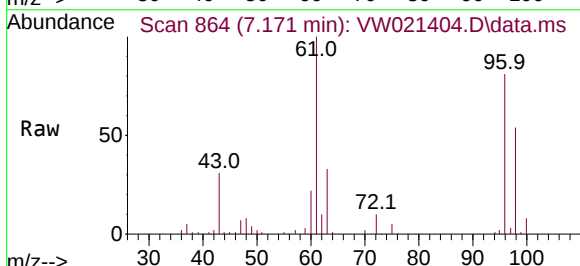
RT: 7.171 min Scan# 864

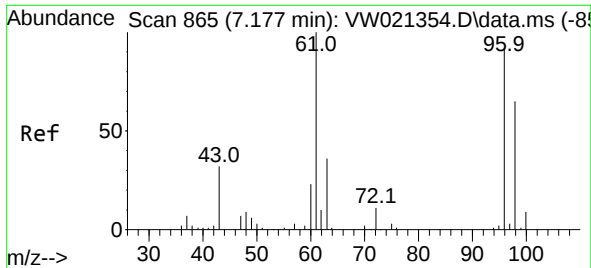
Delta R.T. 0.000 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Tgt Ion: 96	Resp: 32780
Ion Ratio	Lower Upper
96 100	
61 123.3	103.7 192.7
68 0.0	0.0 0.0

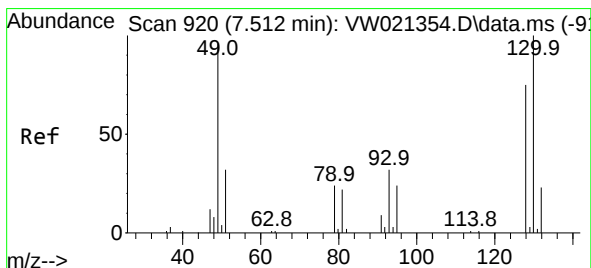
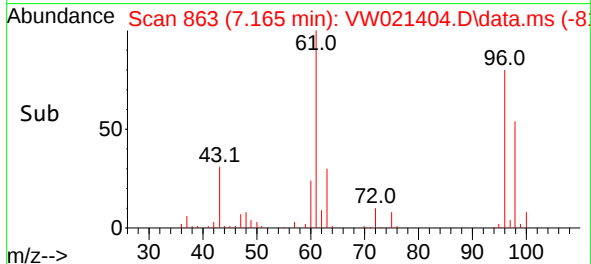
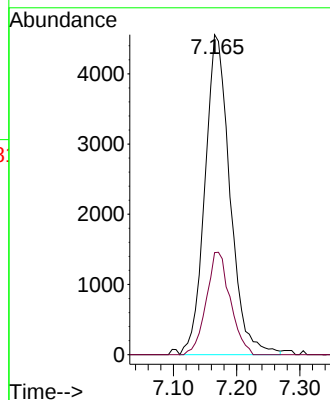
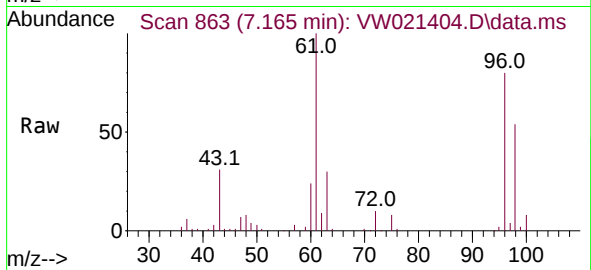




#22
2-Butanone
Concen: 44.178 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

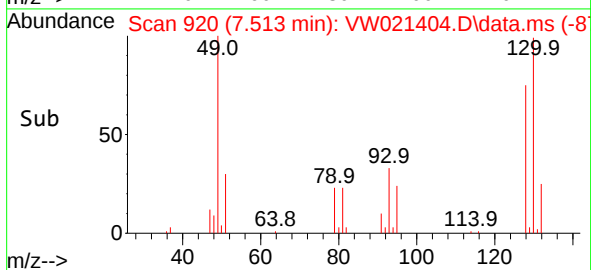
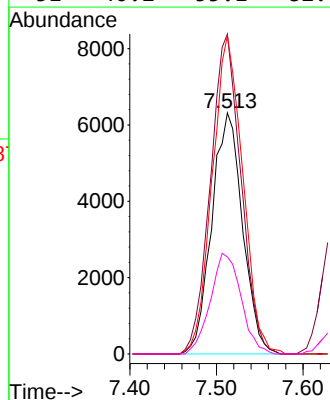
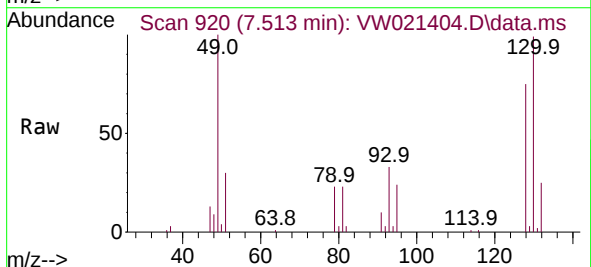
Instrument :
MSVOA_W
ClientSampleId :

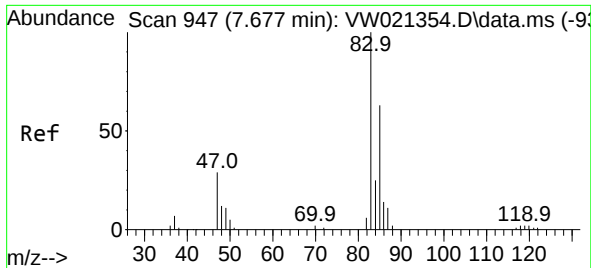
Tgt Ion: 43 Resp: 12572
Ion Ratio Lower Upper
43 100
72 30.6 11.8 35.4



#23
Bromochloromethane
Concen: 24.809 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion: 128 Resp: 15548
Ion Ratio Lower Upper
128 100
49 132.7 150.3 279.1#
130 132.0 88.3 163.9
51 40.2 55.1 82.7#

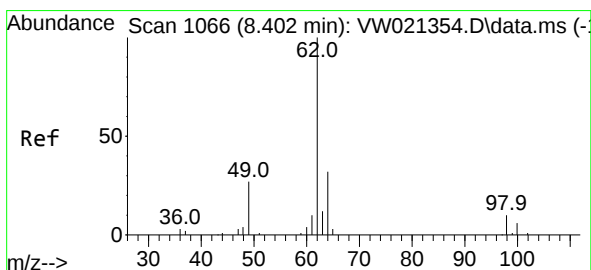
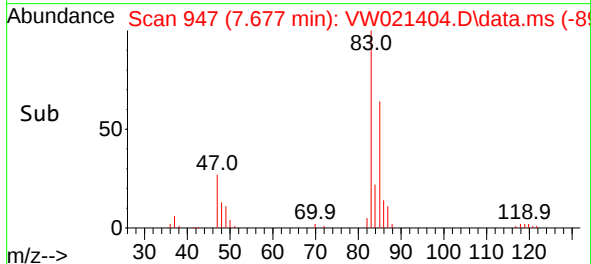
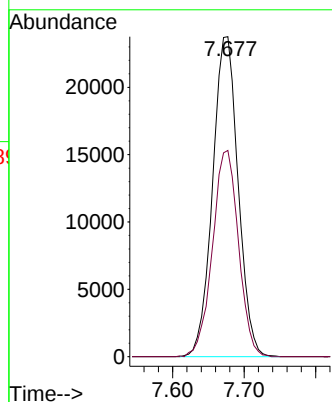
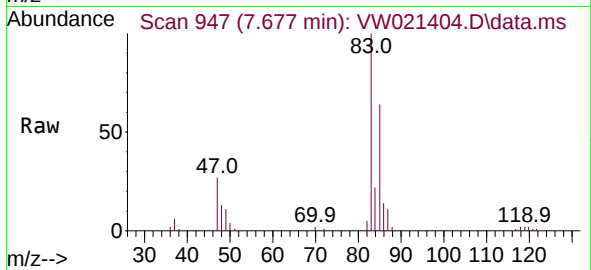




#25
Chloroform
Concen: 25.442 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

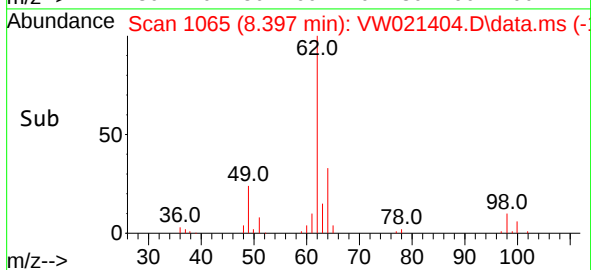
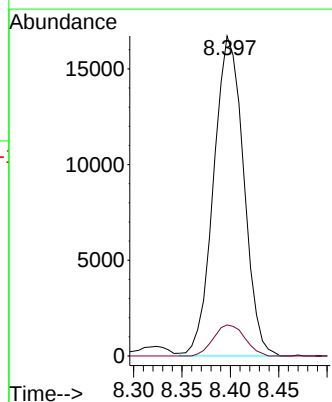
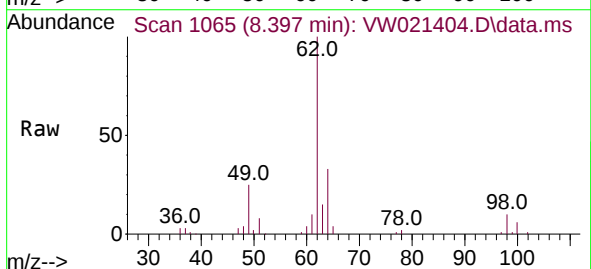
Instrument :
MSVOA_W
ClientSampleId :

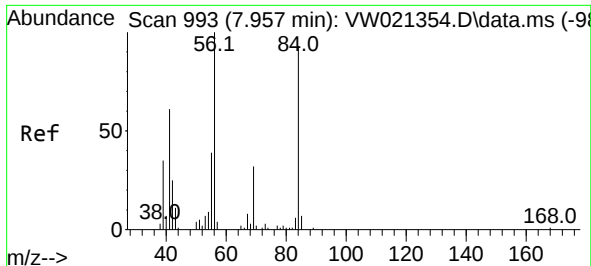
Tgt Ion: 83 Resp: 58894
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.587 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

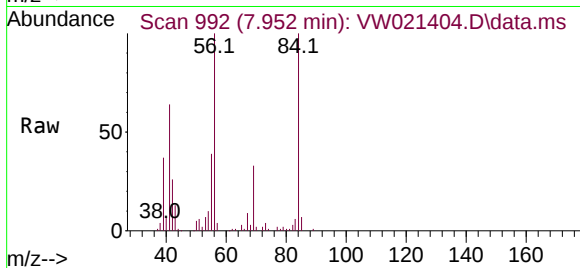
Tgt Ion: 62 Resp: 36042
Ion Ratio Lower Upper
62 100
98 9.7 6.5 9.7



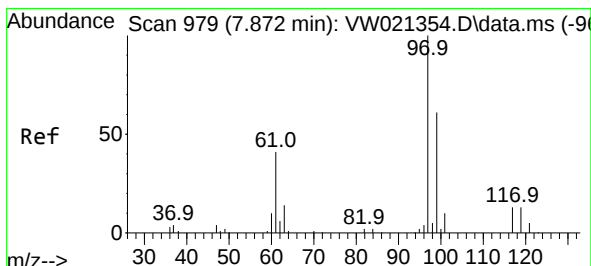
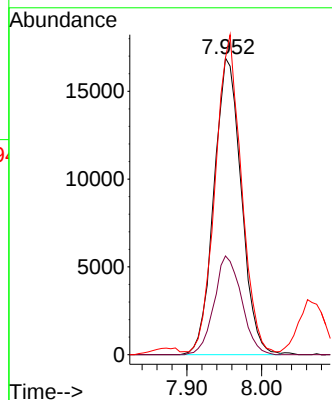
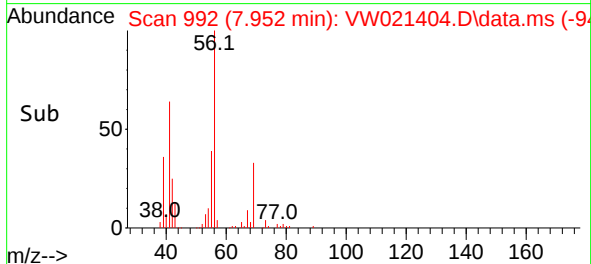


#29
Cyclohexane
Concen: 23.006 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Instrument :
MSVOA_W
ClientSampleId :

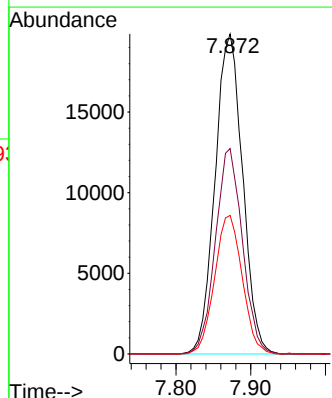
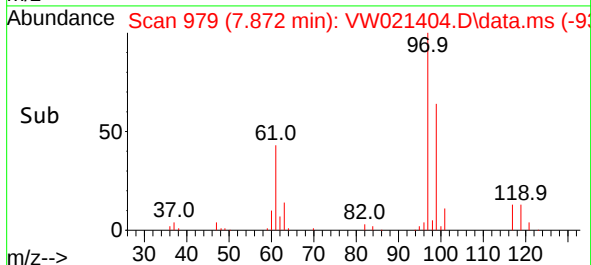
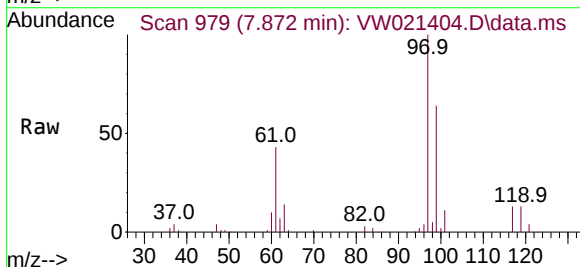


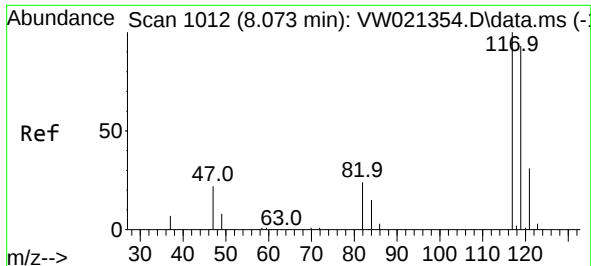
Tgt Ion: 56 Resp: 42891
Ion Ratio Lower Upper
56 100
69 33.3 23.5 35.3
84 103.6 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 24.196 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion: 97 Resp: 50850
Ion Ratio Lower Upper
97 100
99 63.0 51.6 77.4
61 43.4 40.9 61.3

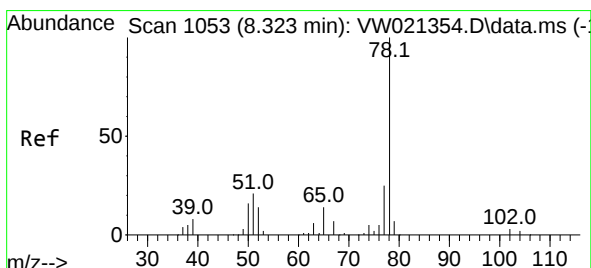
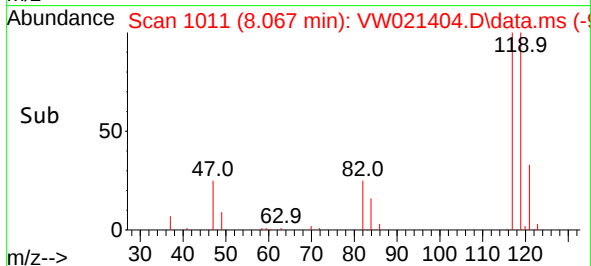
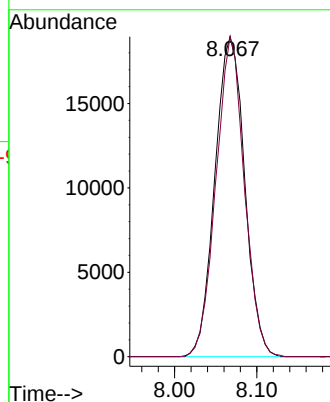
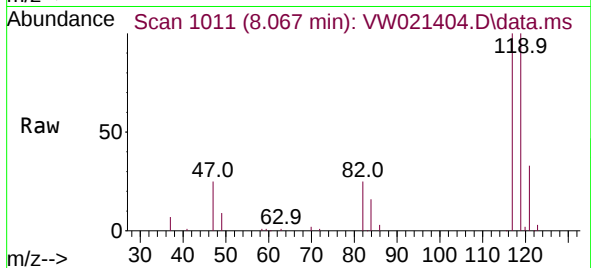




#31
Carbon tetrachloride
Concen: 24.580 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

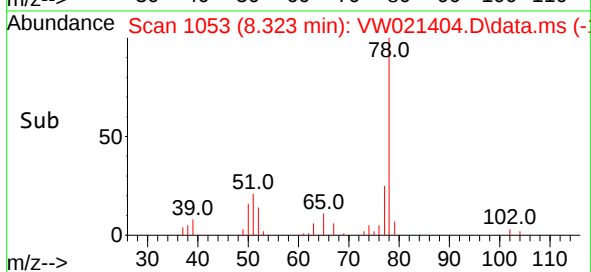
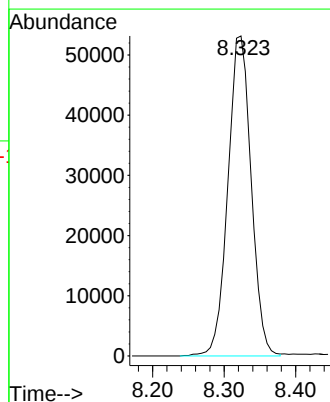
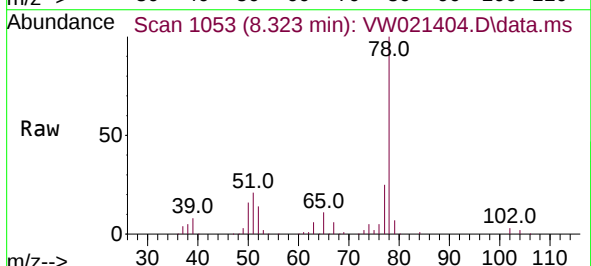
Instrument :
MSVOA_W
ClientSampleId :

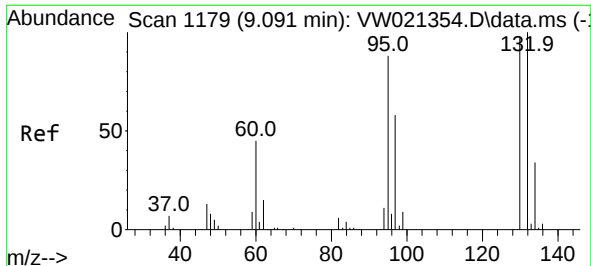
Tgt Ion:117 Resp: 47653
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5



#33
Benzene
Concen: 23.563 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion: 78 Resp: 120227





#34

Trichloroethene

Concen: 24.013 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 34395

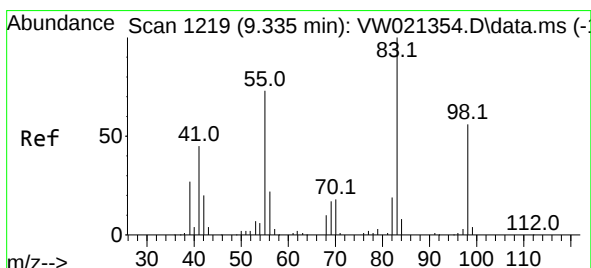
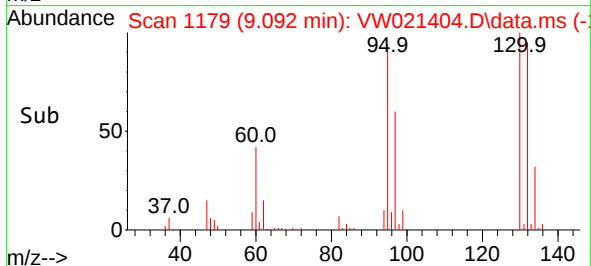
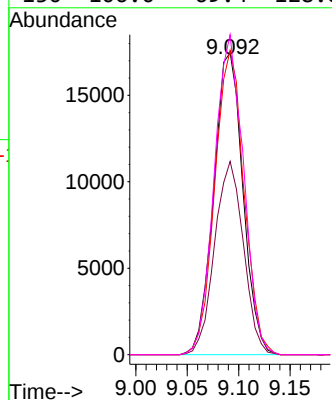
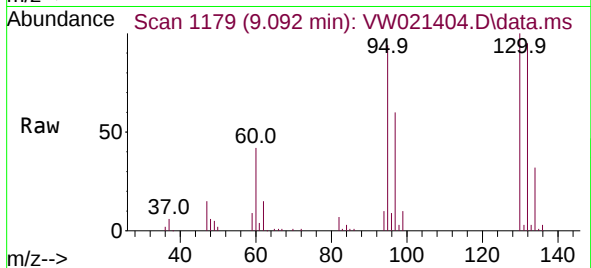
Ion Ratio Lower Upper

95 100

97 64.0 47.0 87.2

132 100.8 65.5 121.6

130 106.0 69.4 128.8



#35

Methylcyclohexane

Concen: 23.240 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.006 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

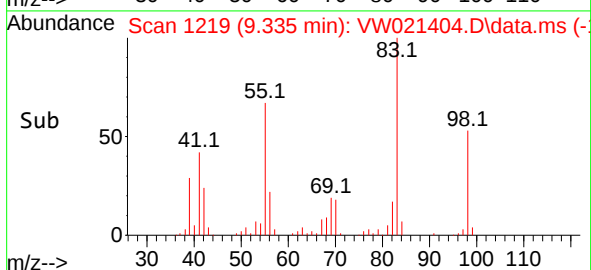
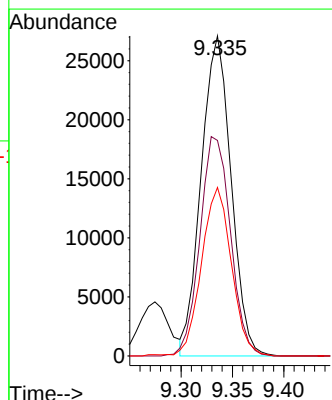
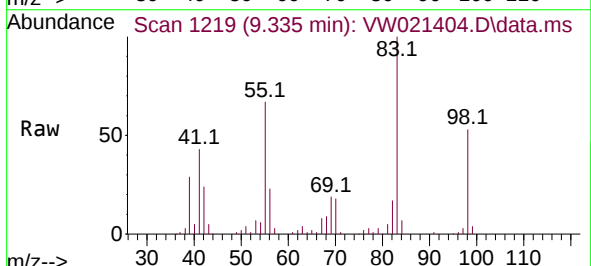
Tgt Ion: 83 Resp: 54910

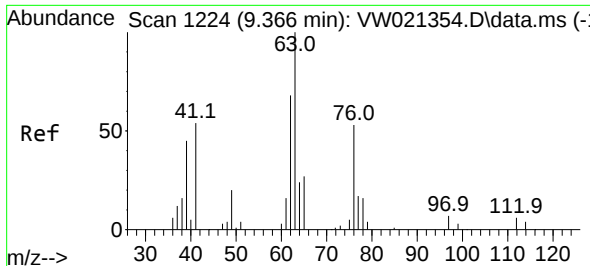
Ion Ratio Lower Upper

83 100

55 70.1 70.8 106.2#

98 52.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.054 ug/L

RT: 9.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Instrument :

MSVOA_W

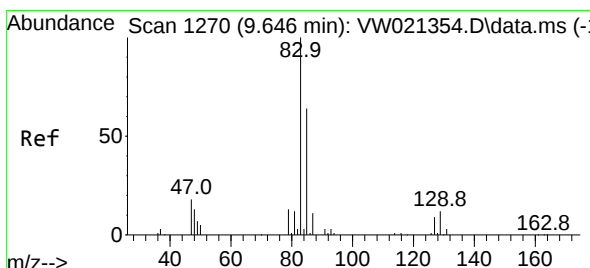
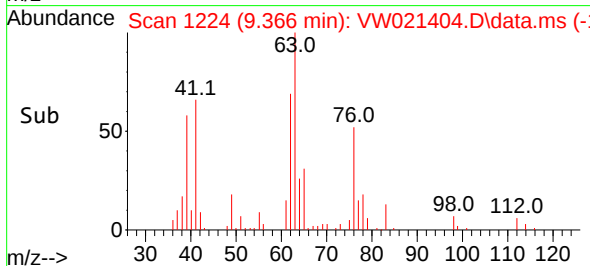
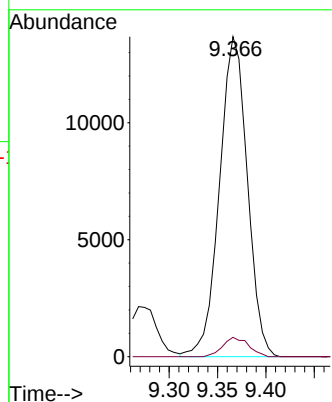
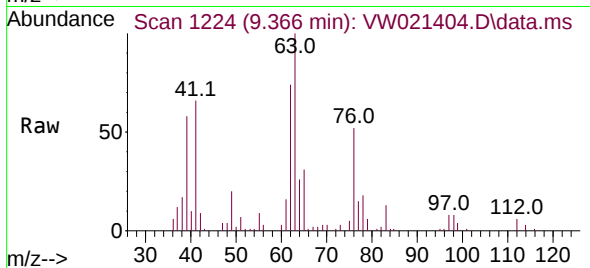
ClientSampleId :

Tgt Ion: 63 Resp: 27376

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.903 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

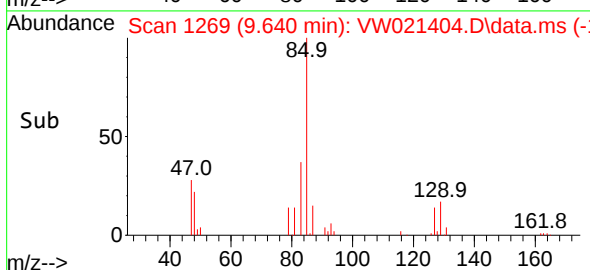
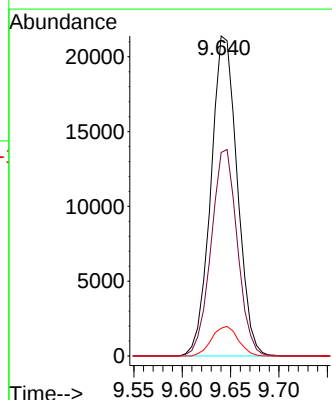
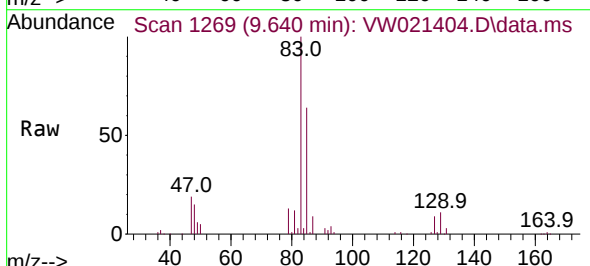
Tgt Ion: 83 Resp: 40534

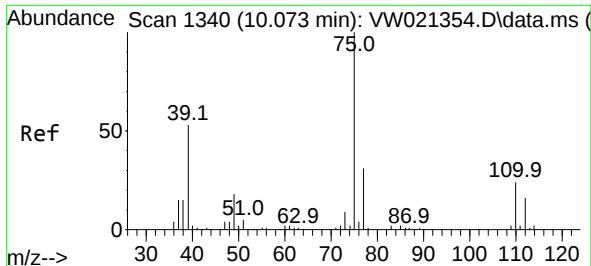
Ion Ratio Lower Upper

83 100

85 63.6 44.1 81.9

127 8.7 6.1 9.1

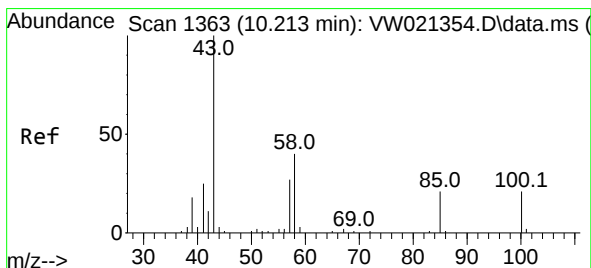
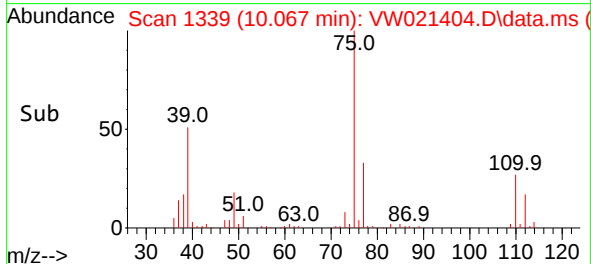
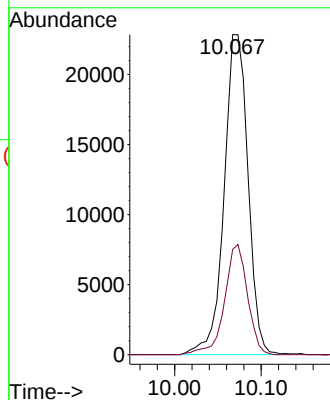
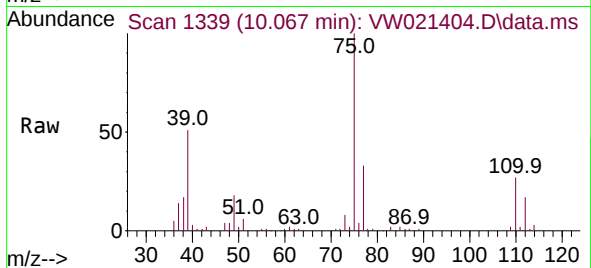




#39
 cis-1,3-Dichloropropene
 Concen: 24.428 ug/L
 RT: 10.067 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW021404.D
 Acq: 16 Dec 2021 09:13

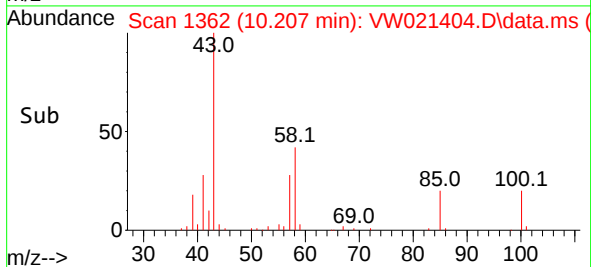
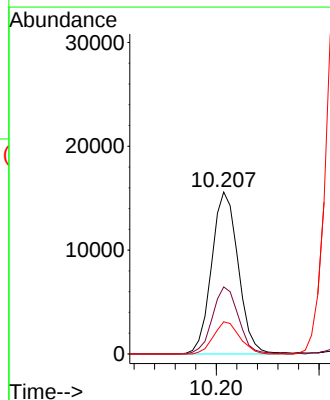
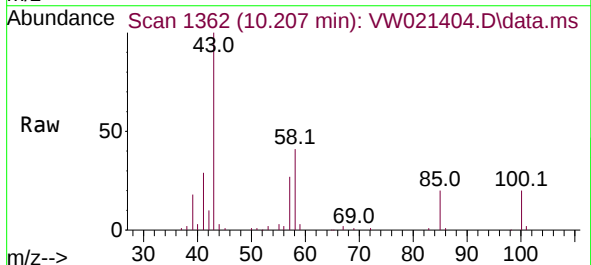
Instrument :
 MSVOA_W
 ClientSampleId :

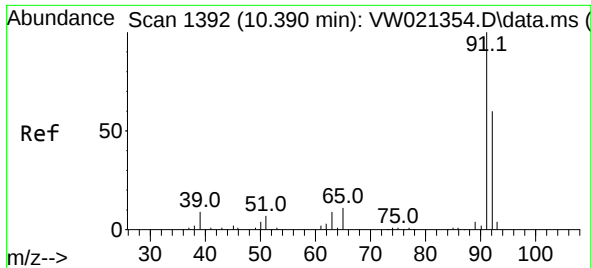
Tgt Ion: 75 Resp: 43826
 Ion Ratio Lower Upper
 75 100
 77 32.9 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 45.153 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW021404.D
 Acq: 16 Dec 2021 09:13

Tgt Ion: 43 Resp: 28001
 Ion Ratio Lower Upper
 43 100
 58 40.6 28.8 43.2
 100 19.4 10.0 15.0#

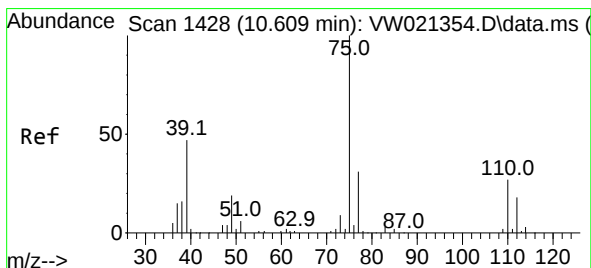
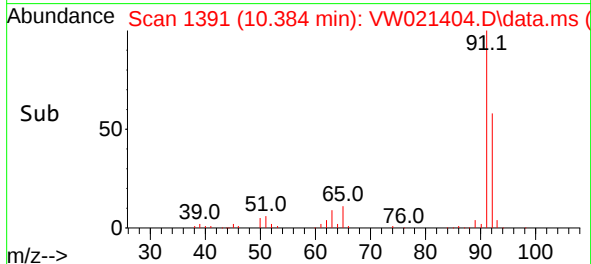
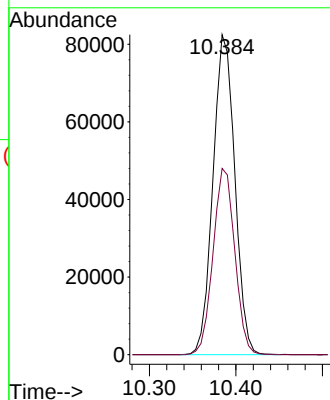
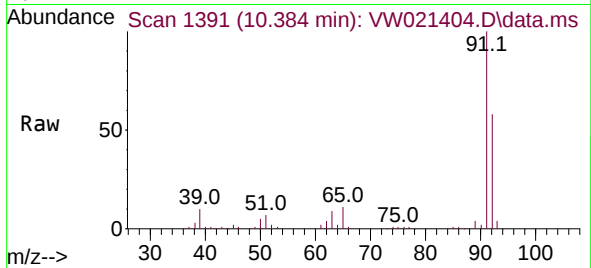




#42
Toluene
Concen: 24.222 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

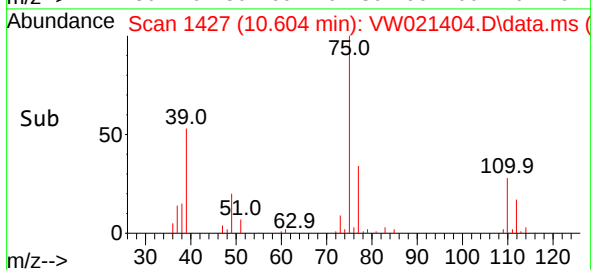
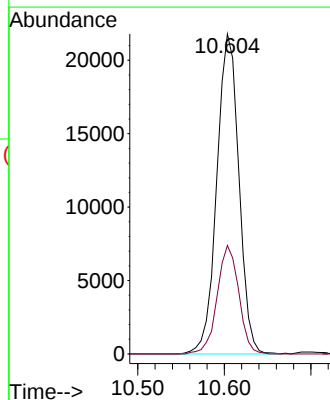
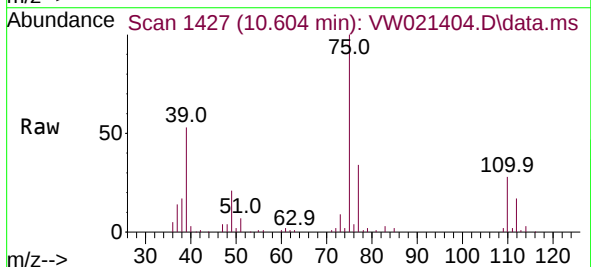
Instrument :
MSVOA_W
ClientSampleId :

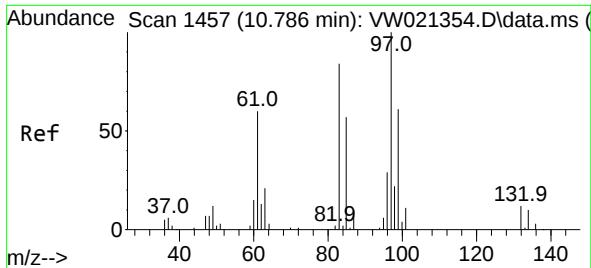
Tgt Ion: 91 Resp: 144546
Ion Ratio Lower Upper
91 100
92 58.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.570 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion: 75 Resp: 38610
Ion Ratio Lower Upper
75 100
77 33.9 22.2 41.2

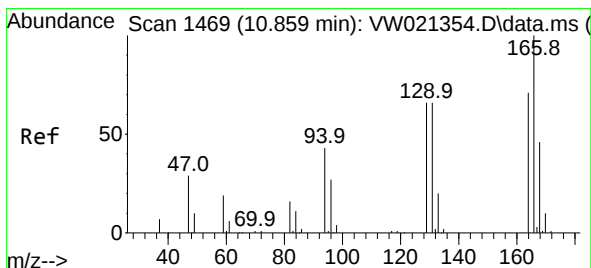
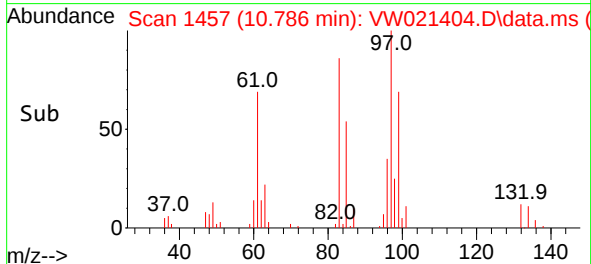
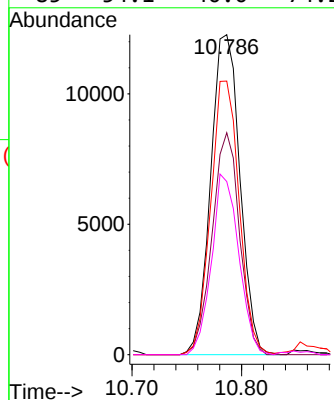
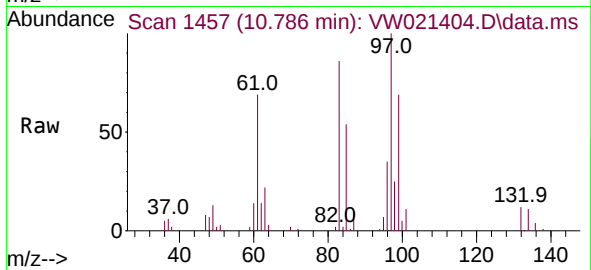




#45
1,1,2-Trichloroethane
Concen: 24.435 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

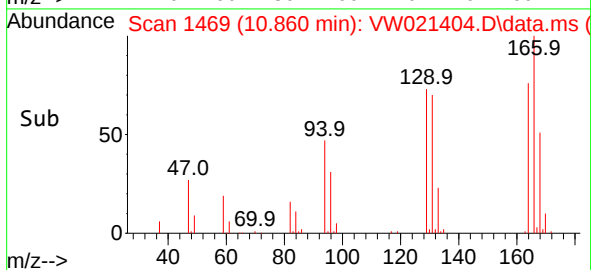
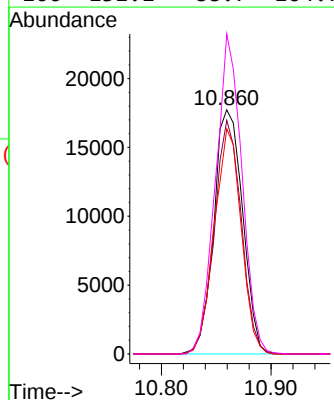
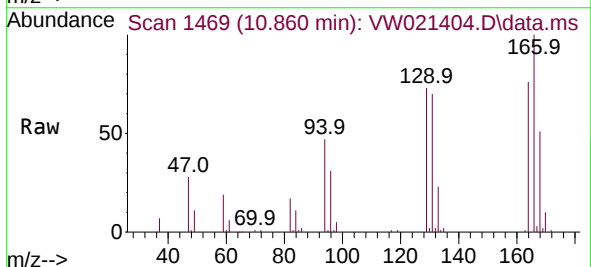
Instrument :
MSVOA_W
ClientSampleId :

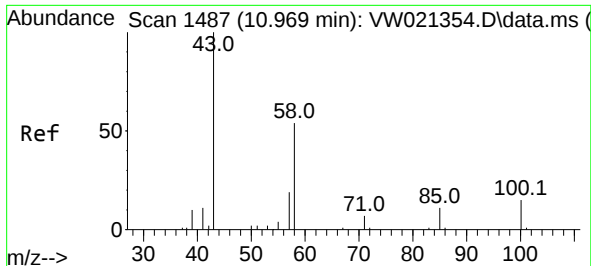
Tgt Ion:	97	Resp:	22762
Ion	Ratio	Lower	Upper
97	100		
99	69.3	43.0	79.8
83	85.5	62.6	116.3
85	54.1	40.0	74.2



#46
Tetrachloroethene
Concen: 23.758 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion:	164	Resp:	32327
Ion	Ratio	Lower	Upper
164	100		
129	95.7	65.5	121.7
131	92.2	59.7	110.9
166	131.1	88.7	164.7

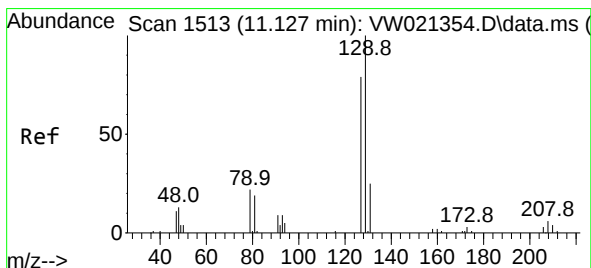
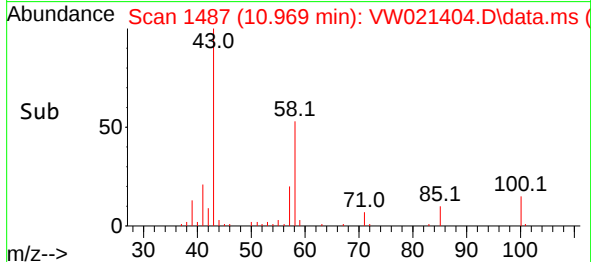
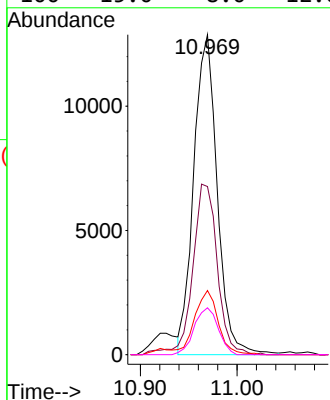
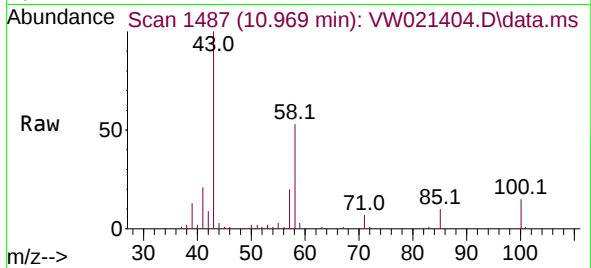




#48
2-Hexanone
Concen: 48.373 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

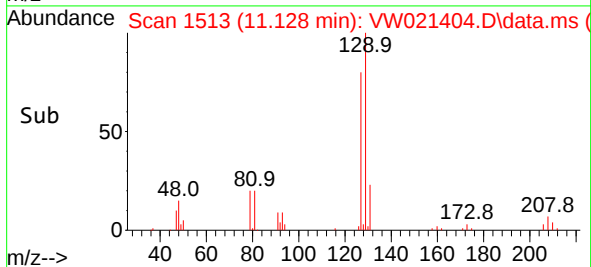
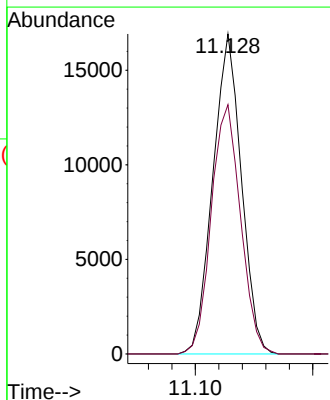
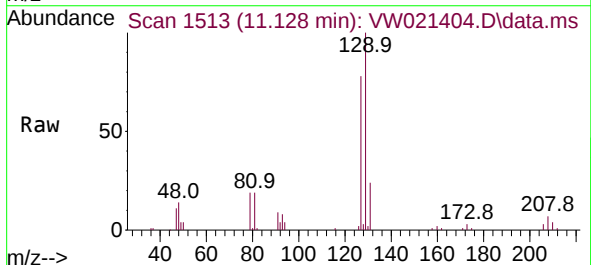
Instrument :
MSVOA_W
ClientSampleId :

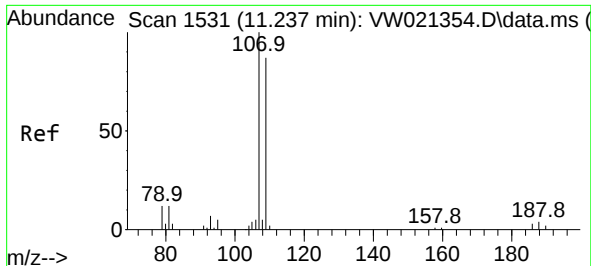
Tgt Ion: 43 Resp: 21754
Ion Ratio Lower Upper
43 100
58 55.8 40.2 60.2
57 19.5 14.3 21.5
100 15.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.810 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion:129 Resp: 28491
Ion Ratio Lower Upper
129 100
127 77.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.471 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

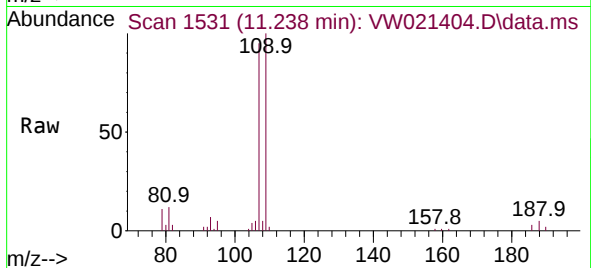
Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

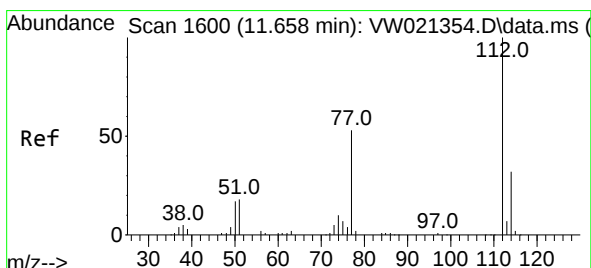
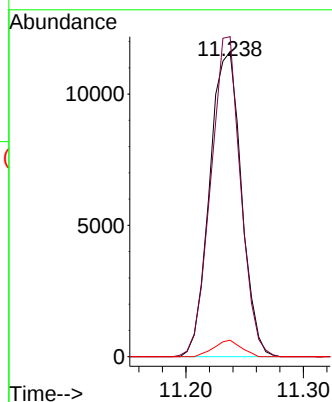
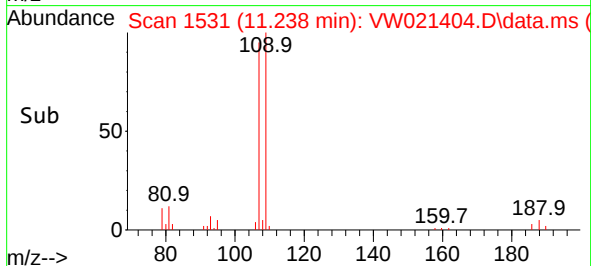
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	21759
Ion	Ratio	Lower	Upper
107	100		
109	105.0	64.1	119.1
188	5.4	2.6	3.8#



#51

Chlorobenzene

Concen: 23.301 ug/L

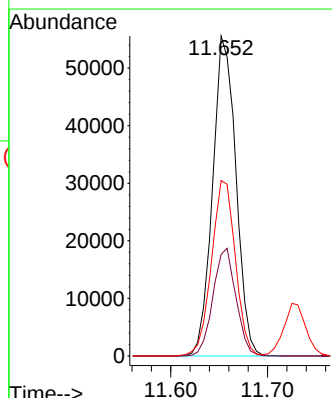
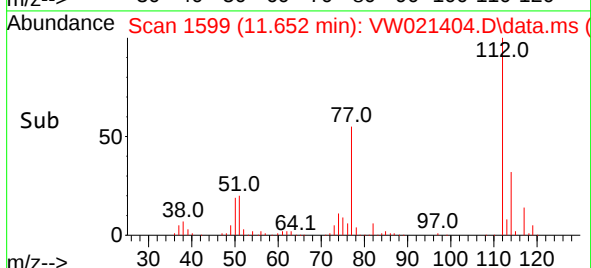
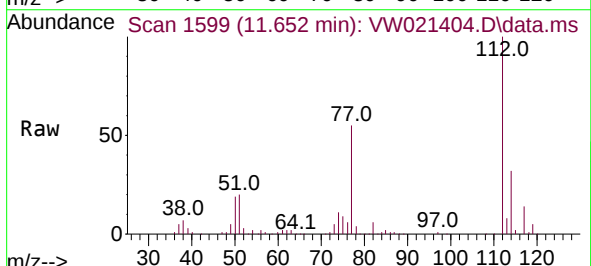
RT: 11.652 min Scan# 1599

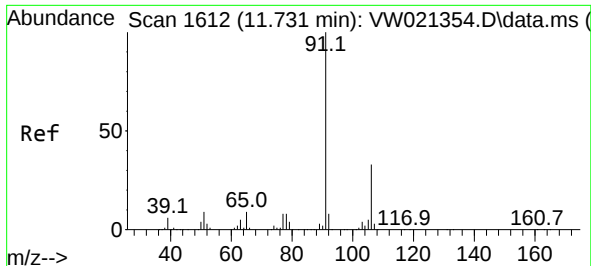
Delta R.T. 0.000 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Tgt Ion:	112	Resp:	93092
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.4	41.6
77	54.8	50.2	75.4





#52

Ethylbenzene

Concen: 23.778 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Instrument :

MSVOA_W

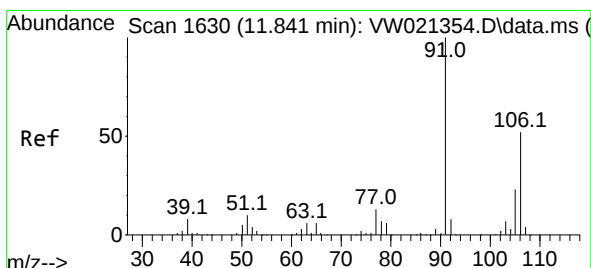
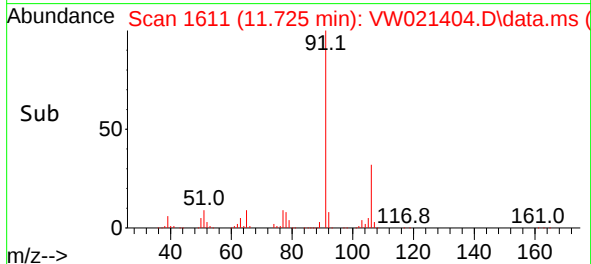
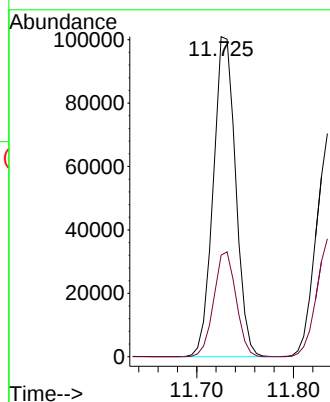
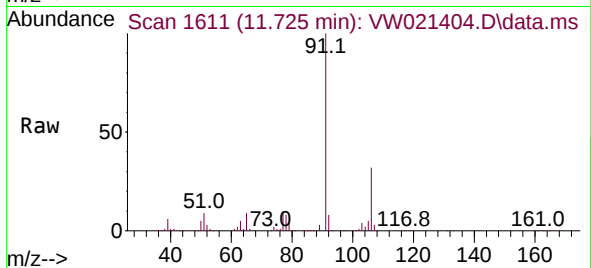
ClientSampleId :

Tgt Ion: 91 Resp: 162151

Ion Ratio Lower Upper

91 100

106 31.8 21.5 39.9



#53

m,p-Xylene

Concen: 24.515 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW021404.D

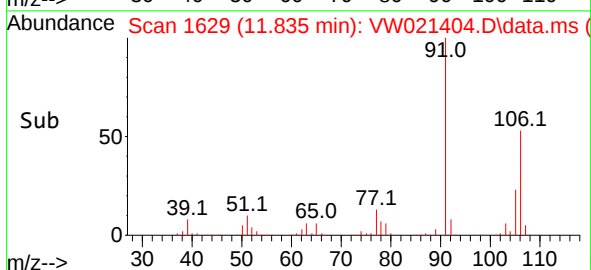
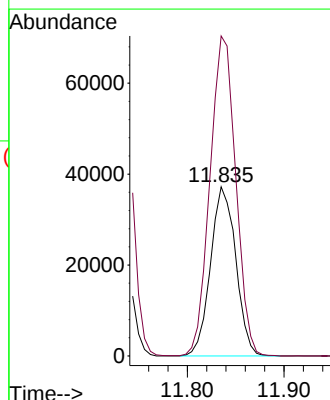
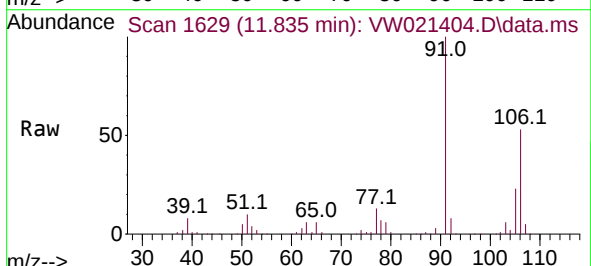
Acq: 16 Dec 2021 09:13

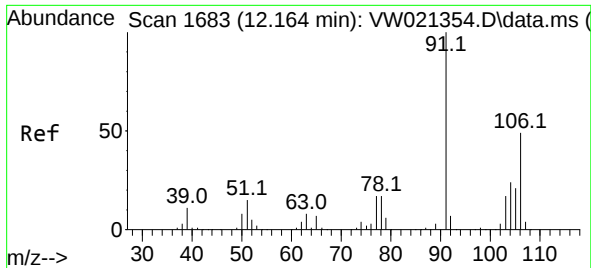
Tgt Ion:106 Resp: 67442

Ion Ratio Lower Upper

106 100

91 189.2 149.9 278.3

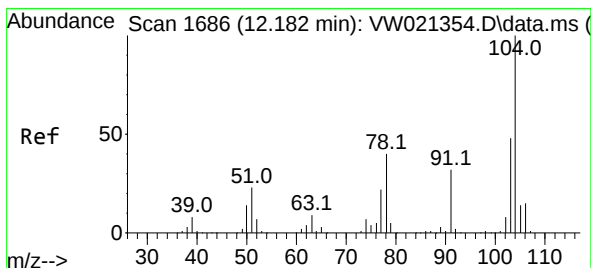
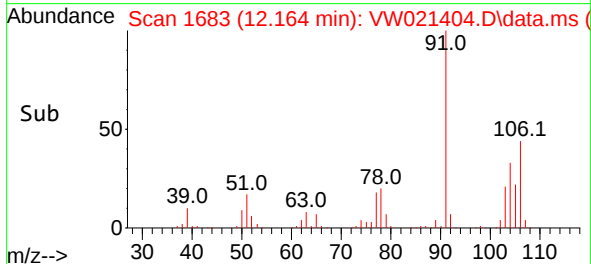
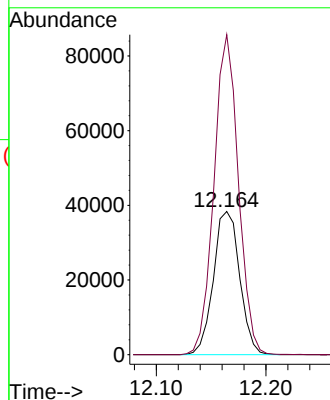
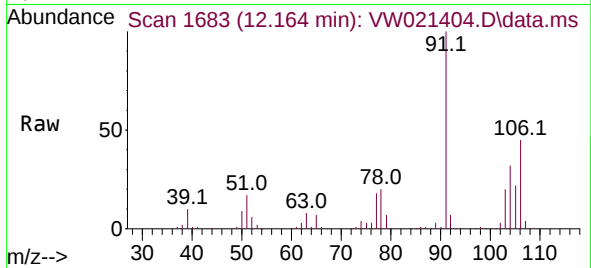




#54
o-Xylene
Concen: 24.465 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

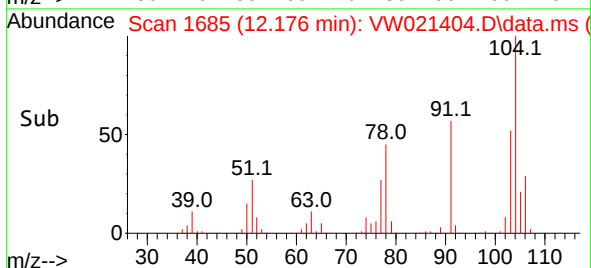
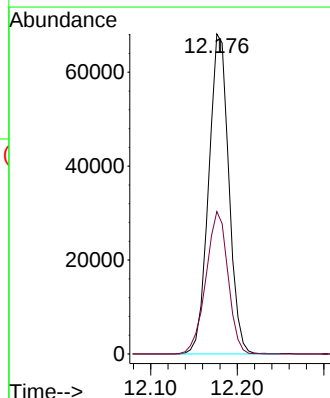
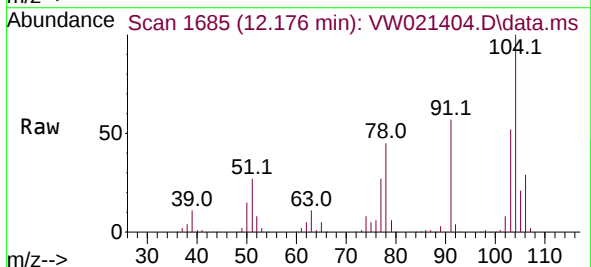
Instrument :
MSVOA_W
ClientSampleId :

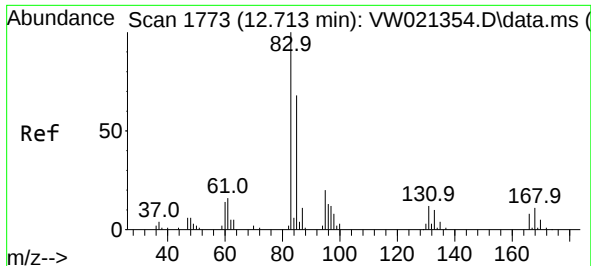
Tgt Ion:106 Resp: 63873
Ion Ratio Lower Upper
106 100
91 223.4 153.6 285.3



#55
Styrene
Concen: 24.782 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion:104 Resp: 110115
Ion Ratio Lower Upper
104 100
78 44.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.842 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021404.D

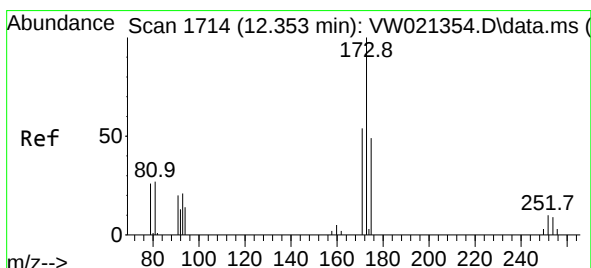
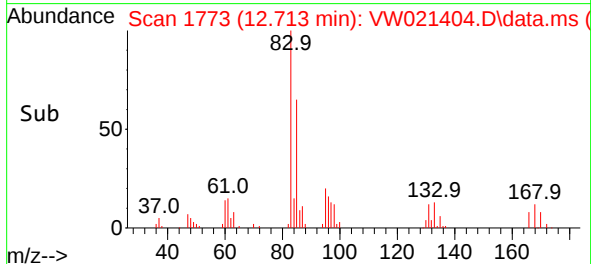
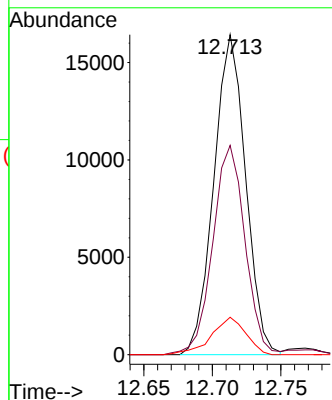
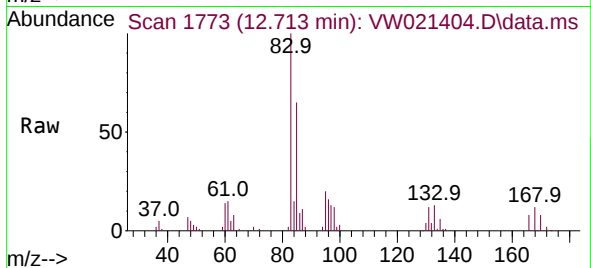
Acq: 16 Dec 2021 09:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	26527
Ion Ratio	Lower	Upper	
83	100		
85	65.4	44.0	81.6
131	11.7	6.9	10.3



#59

Bromoform

Concen: 26.073 ug/L

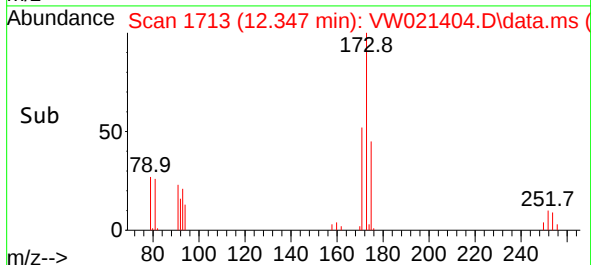
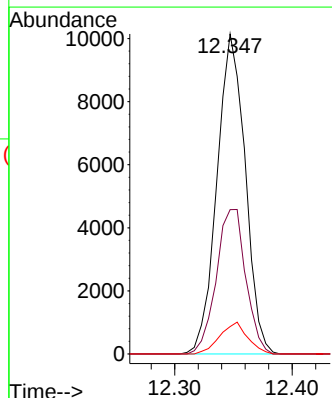
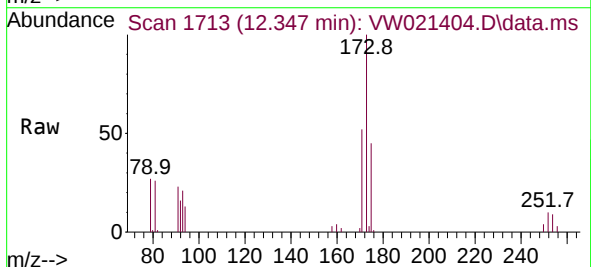
RT: 12.347 min Scan# 1713

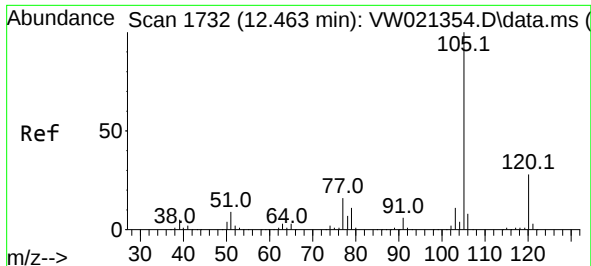
Delta R.T. 0.000 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Tgt Ion:	173	Resp:	16955
Ion Ratio	Lower	Upper	
173	100		
175	47.2	39.6	59.4
254	9.7	7.4	11.0

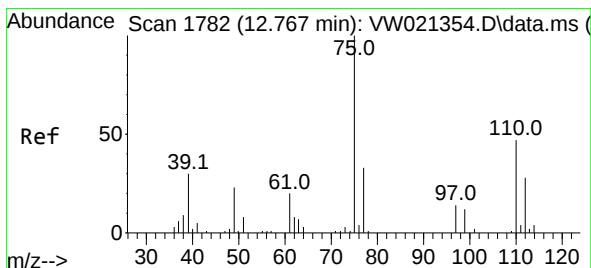
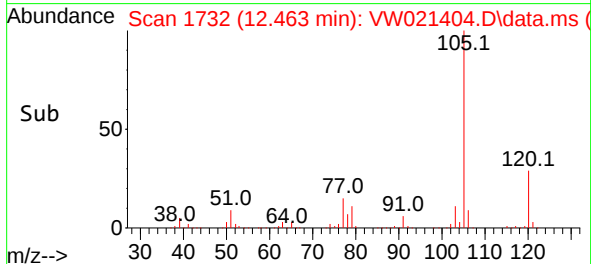
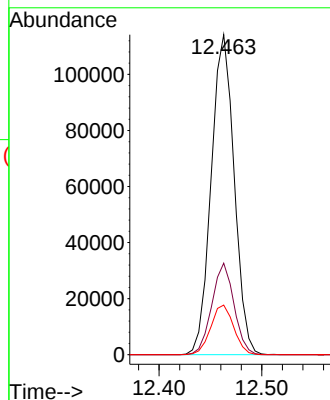
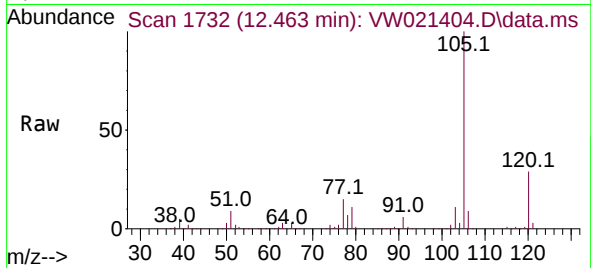




#60
Isopropylbenzene
Concen: 23.845 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

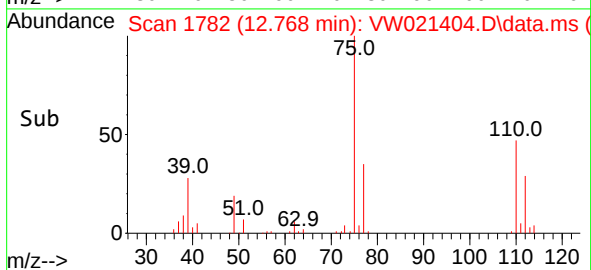
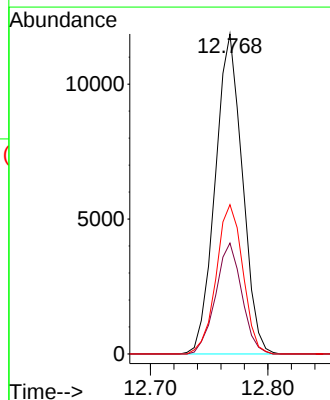
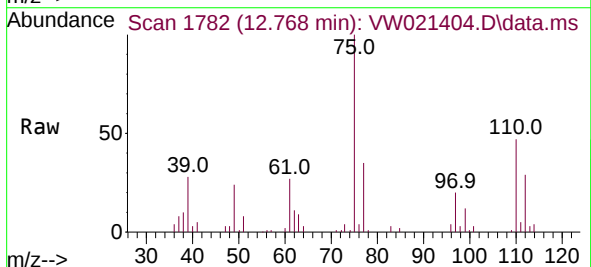
Instrument :
MSVOA_W
ClientSampleId :

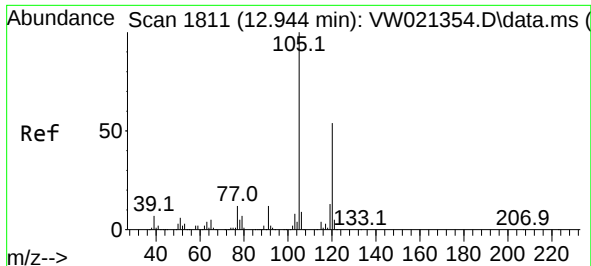
Tgt Ion:105 Resp: 177073
Ion Ratio Lower Upper
105 100
120 27.6 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 23.955 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion: 75 Resp: 19054
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.8
110 45.7 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.306 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Instrument :

MSVOA_W

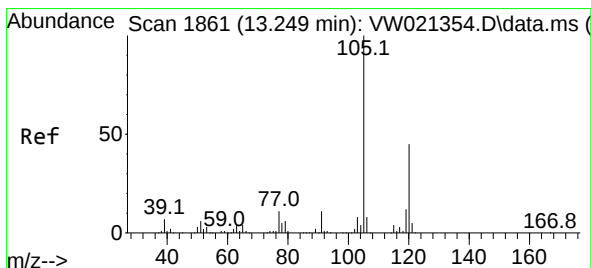
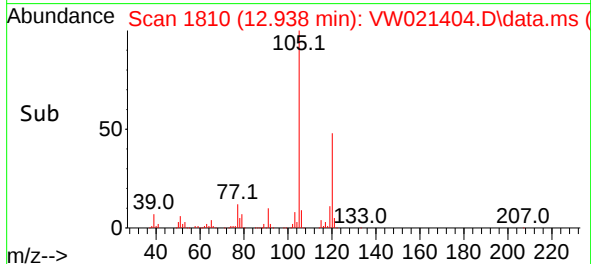
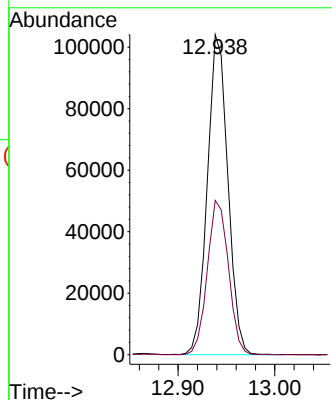
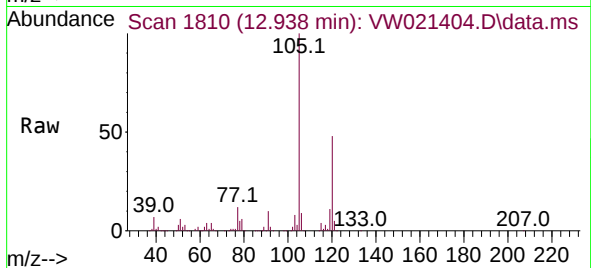
ClientSampleId :

Tgt Ion:105 Resp: 153594

Ion Ratio Lower Upper

105 100

120 49.6 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 23.869 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021404.D

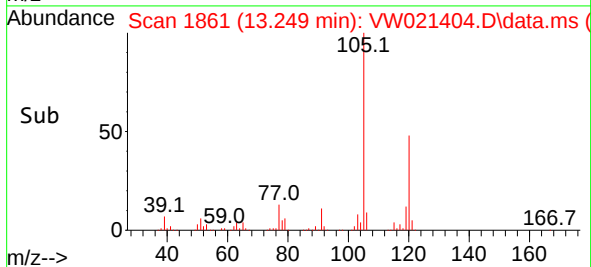
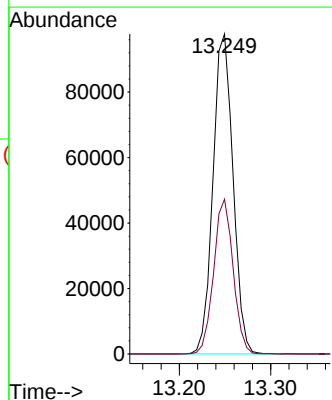
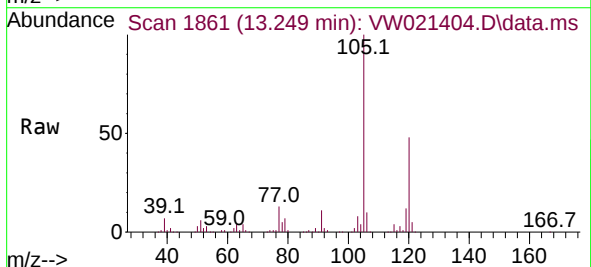
Acq: 16 Dec 2021 09:13

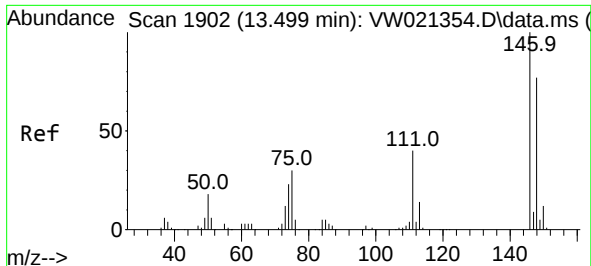
Tgt Ion:105 Resp: 148791

Ion Ratio Lower Upper

105 100

120 47.0 35.0 52.6

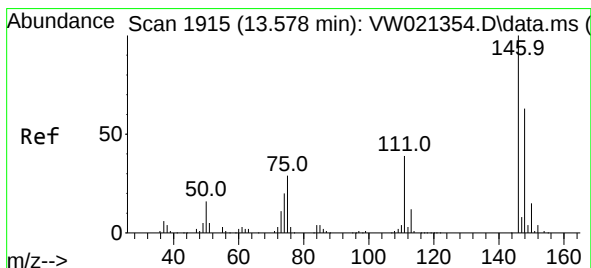
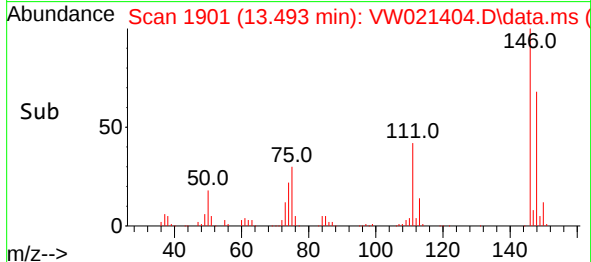
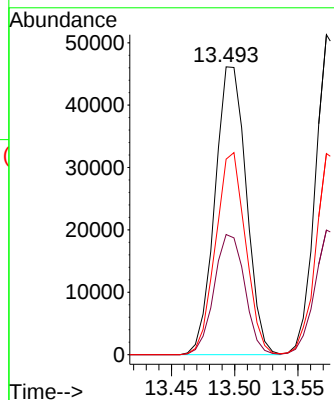
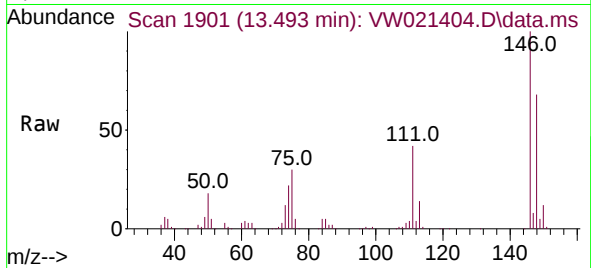




#64
1,3-Dichlorobenzene
Concen: 22.706 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

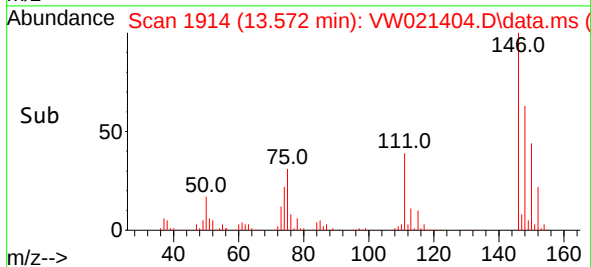
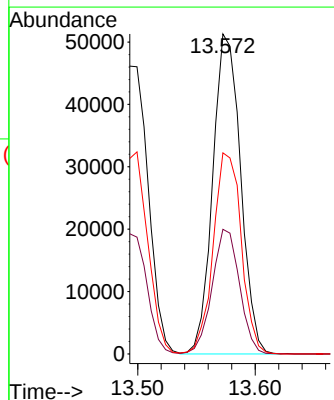
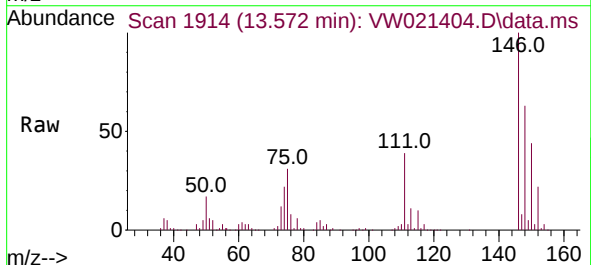
Instrument :
MSVOA_W
ClientSampleId :

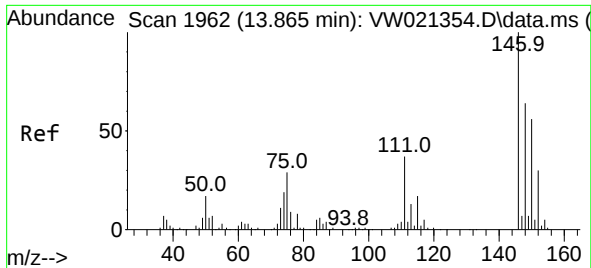
Tgt Ion:146 Resp: 79532
Ion Ratio Lower Upper
146 100
111 41.7 29.8 55.3
148 67.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.265 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW021404.D
Acq: 16 Dec 2021 09:13

Tgt Ion:146 Resp: 84445
Ion Ratio Lower Upper
146 100
111 39.0 29.0 53.9
148 62.9 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.015 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Instrument :

MSVOA_W

ClientSampleId :

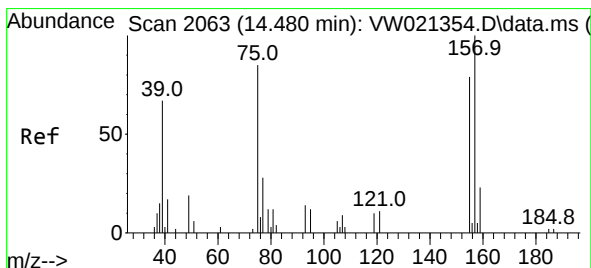
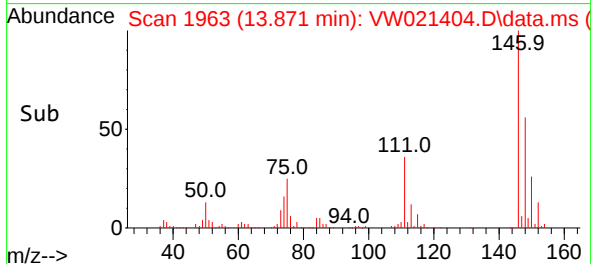
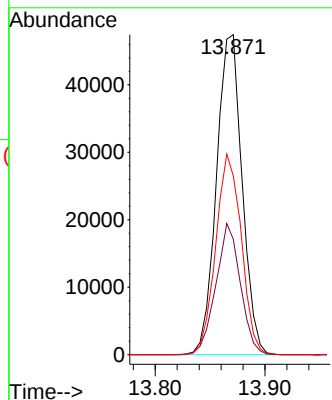
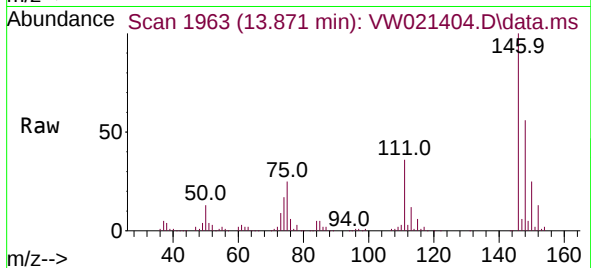
Tgt Ion:146 Resp: 77141

Ion Ratio Lower Upper

146 100

111 36.1 33.1 49.7

148 55.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.247 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

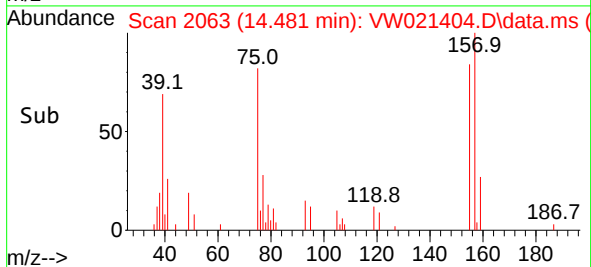
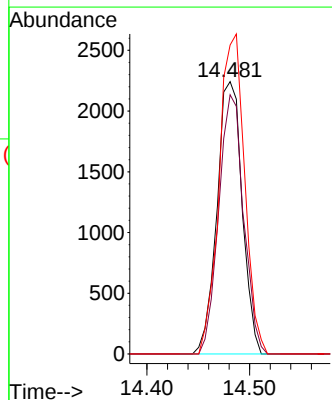
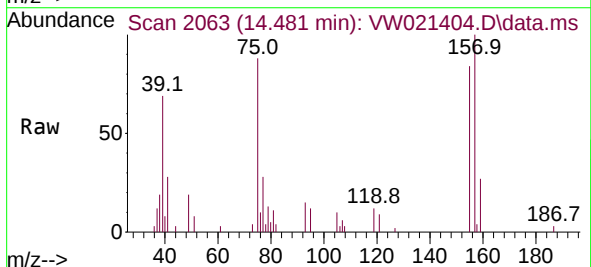
Tgt Ion: 75 Resp: 3814

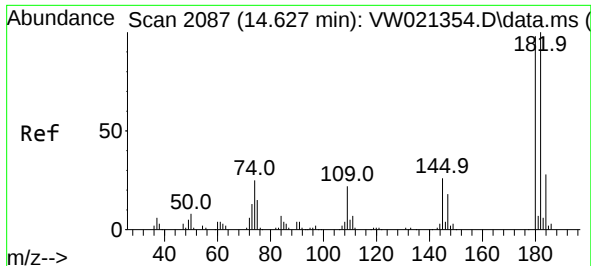
Ion Ratio Lower Upper

75 100

155 95.2 54.2 81.2#

157 117.5 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 24.682 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 64618

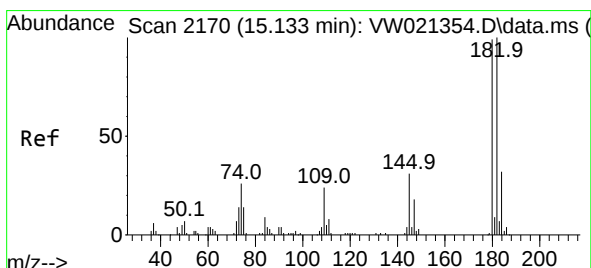
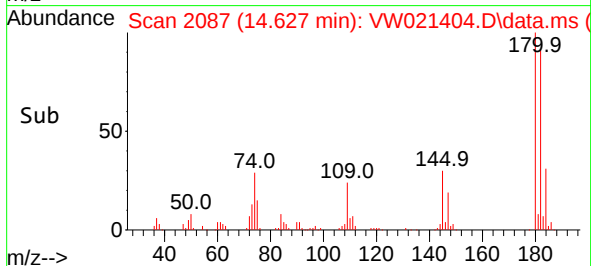
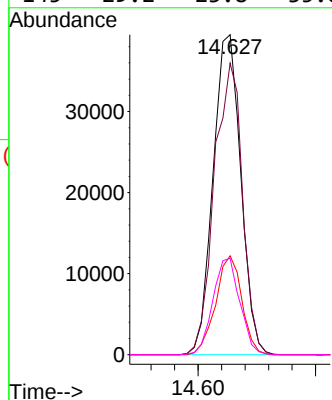
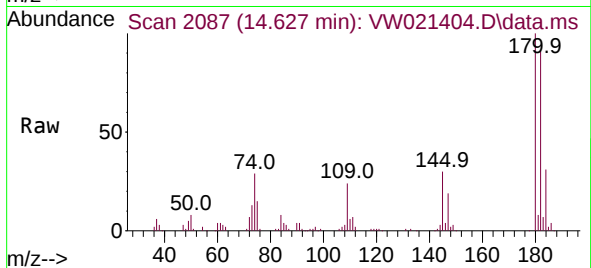
Ion Ratio Lower Upper

180 100

182 92.4 75.4 113.0

184 29.2 23.8 35.8

145 29.2 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 24.538 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

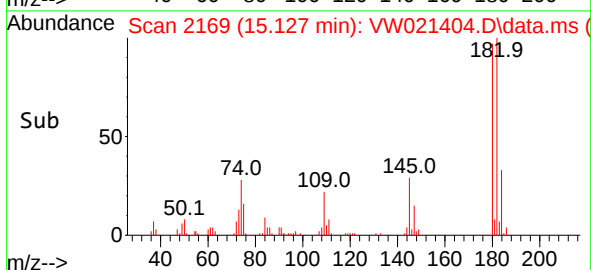
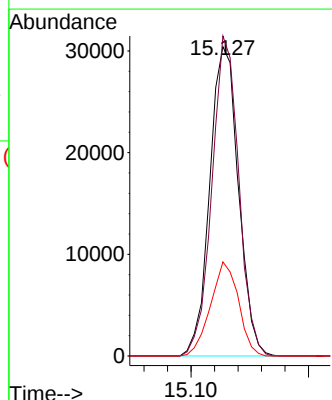
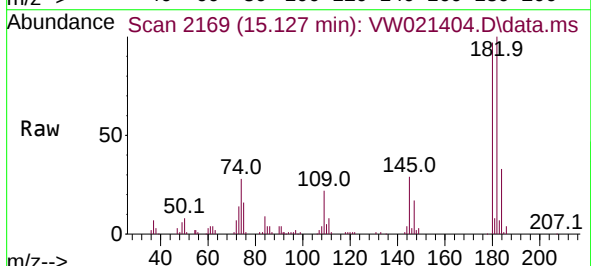
Tgt Ion:180 Resp: 51670

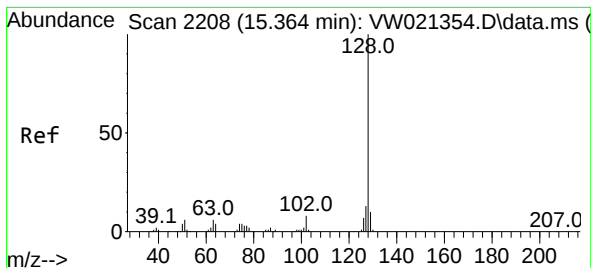
Ion Ratio Lower Upper

180 100

182 96.5 79.0 118.6

145 29.6 26.0 39.0





#71

Naphthalene

Concen: 24.550 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Instrument :

MSVOA_W

ClientSampleId :

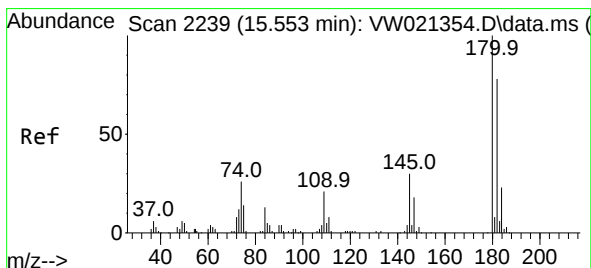
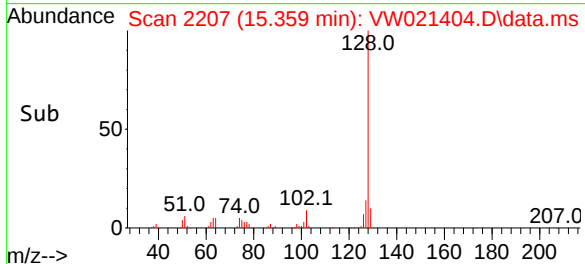
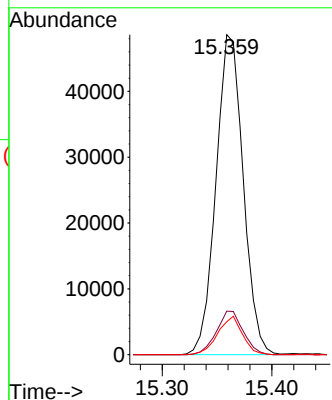
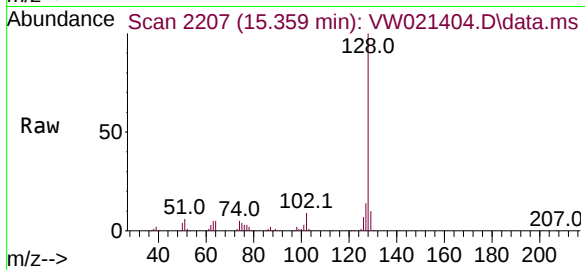
Tgt Ion:128 Resp: 83989

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.011 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021404.D

Acq: 16 Dec 2021 09:13

Tgt Ion:180 Resp: 43525

Ion Ratio Lower Upper

180 100

182 98.1 76.6 114.8

145 30.7 27.4 41.0

