

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW113021\
 Data File : VW020986.D
 Acq On : 30 Nov 2021 13:43
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 30 23:58:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 30 00:55:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	107238	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	98581	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	54177	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	25019	20.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.440%
7) Chloroethane-d5	2.885	69	20972	26.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.560%
11) 1,1-Dichloroethene-d2	4.025	63	56586	23.512	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.040%
21) 2-Butanone-d5	7.080	46	15499	49.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.840%
24) Chloroform-d	7.653	84	69990	25.903	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	8.305	65	35649	25.992	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.960%
32) Benzene-d6	8.275	84	132047	25.415	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.640%
36) 1,2-Dichloropropane-d6	9.274	67	38105	25.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.000%
41) Toluene-d8	10.323	98	132491	25.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.760%
43) trans-1,3-Dichloroprop...	10.579	79	16845	24.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.360%
47) 2-Hexanone-d5	10.927	63	12562	51.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	30409	26.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	47511	24.605	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	7771	25.039	ug/L	95
3) Chloromethane	2.221	50	17792	18.856	ug/L	98
5) Vinyl chloride	2.361	62	37407	22.920	ug/L	98
6) Bromomethane	2.782	94	24277	26.826	ug/L	97
8) Chloroethane	2.922	64	18098	26.377	ug/L	97
9) Trichlorofluoromethane	3.263	101	26195	27.554	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	36297	25.116	ug/L	92
12) 1,1-Dichloroethene	4.044	96	32083	23.878	ug/L	77
13) Acetone	4.123	43	12404	44.747	ug/L	93
14) Carbon disulfide	4.385	76	75320	20.727	ug/L	98
15) Methyl Acetate	4.678	43	11892	23.922	ug/L	# 88
16) Methylene chloride	4.922	84	34703	23.203	ug/L	86
17) trans-1,2-Dichloroethene	5.434	96	34677	23.946	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	52275	24.049	ug/L	94
19) 1,1-Dichloroethane	6.220	63	58076	24.204	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	38566	24.710	ug/L	70
22) 2-Butanone	7.171	43	16253	43.154	ug/L	85
23) Bromochloromethane	7.519	128	17752	24.880	ug/L	# 65
25) Chloroform	7.677	83	66497	25.355	ug/L	98

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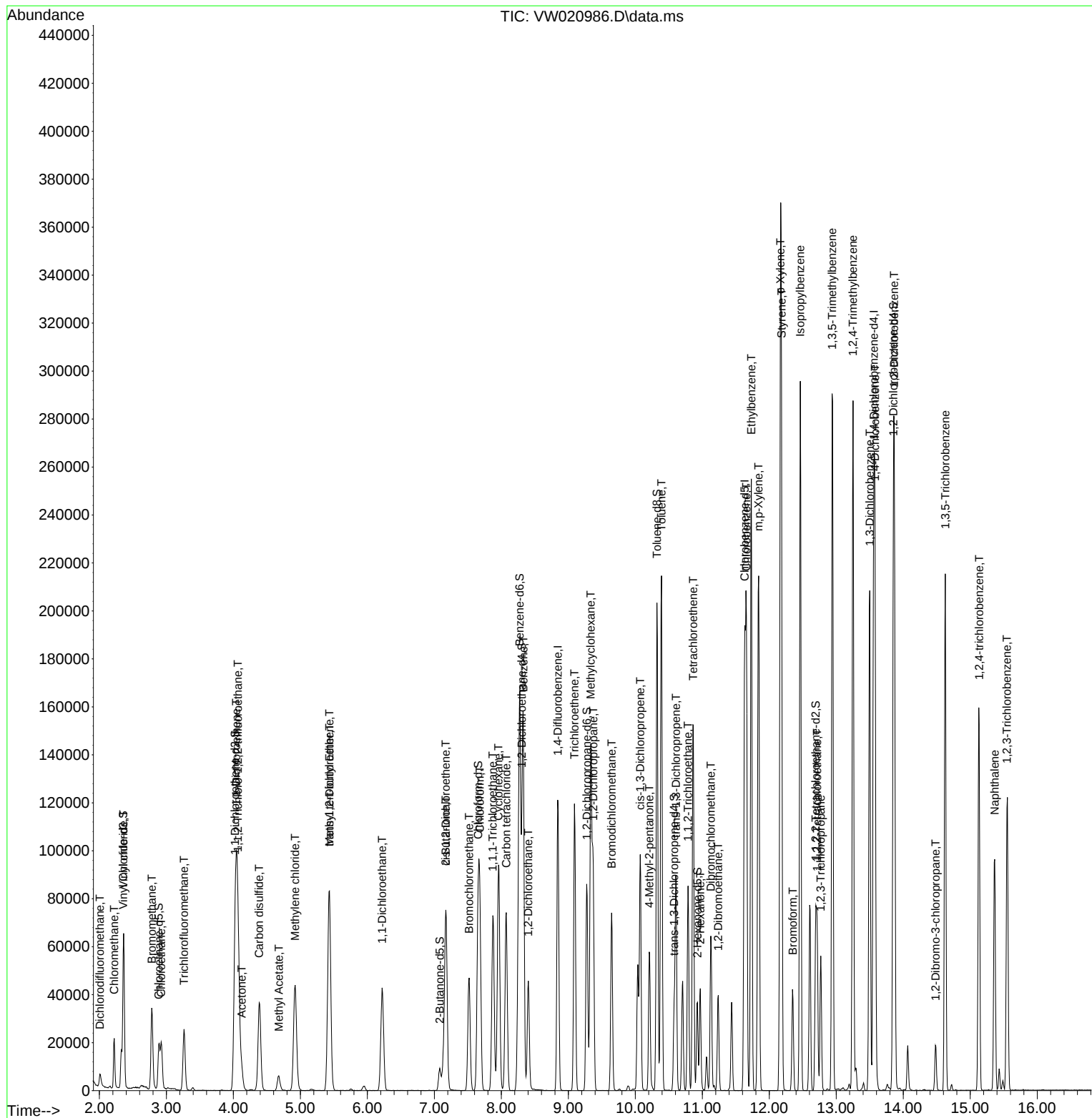
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	39706	25.003	ug/L	96
29) Cyclohexane	7.958	56	49599	22.568	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	59359	25.039	ug/L	94
31) Carbon tetrachloride	8.073	117	55027	24.525	ug/L	100
33) Benzene	8.329	78	135665	24.306	ug/L	100
34) Trichloroethene	9.092	95	38069	24.384	ug/L	90
35) Methylcyclohexane	9.335	83	59918	23.278	ug/L	86
37) 1,2-Dichloropropane	9.372	63	32287	24.855	ug/L #	96
38) Bromodichloromethane	9.646	83	46668	25.034	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	52630	24.539	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	37703	48.764	ug/L #	94
42) Toluene	10.390	91	157196	25.038	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	45423	24.098	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	25456	25.196	ug/L	94
46) Tetrachloroethene	10.866	164	34634	24.161	ug/L	95
48) 2-Hexanone	10.969	43	26294	49.096	ug/L #	94
49) Dibromochloromethane	11.128	129	33112	23.773	ug/L	97
50) 1,2-Dibromoethane	11.238	107	25255	24.933	ug/L #	90
51) Chlorobenzene	11.658	112	104031	24.914	ug/L	93
52) Ethylbenzene	11.731	91	176694	25.398	ug/L	94
53) m,p-Xylene	11.841	106	71113	25.037	ug/L	87
54) o-Xylene	12.164	106	67391	24.705	ug/L	98
55) Styrene	12.182	104	115603	25.522	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	28344	25.312	ug/L #	97
59) Bromoform	12.353	173	19419	24.039	ug/L	97
60) Isopropylbenzene	12.463	105	184476	25.000	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	20656	25.993	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	155232	24.937	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	154306	25.124	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	85122	24.605	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	90396	25.903	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	76117	24.968	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	4360	22.949	ug/L #	55
69) 1,3,5-Trichlorobenzene	14.627	180	68954	25.165	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	51782	23.099	ug/L	96
71) Naphthalene	15.365	128	87297	23.899	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	43291	22.885	ug/L	96

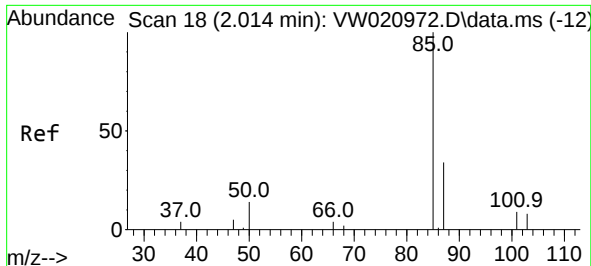
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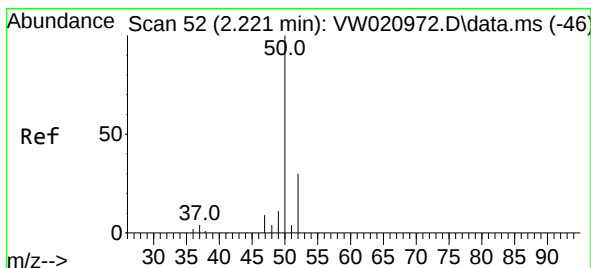
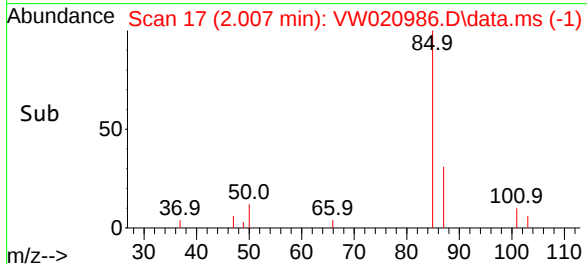
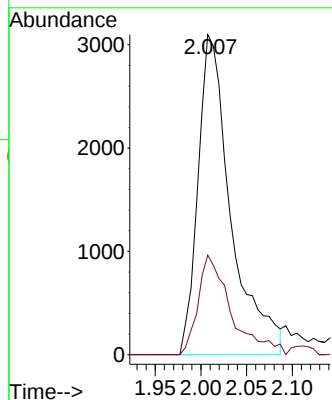
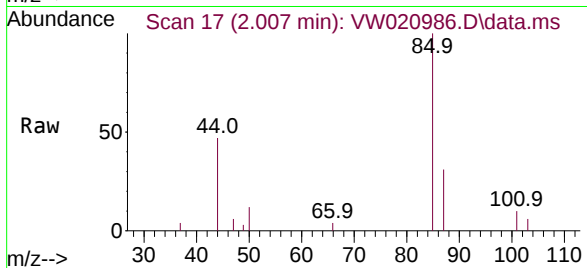




#2
 Dichlorodifluoromethane
 Concen: 25.039 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020986.D
 Acq: 30 Nov 2021 13:43

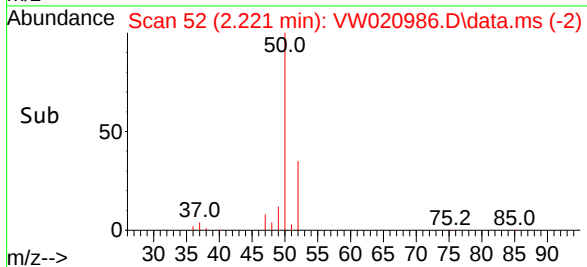
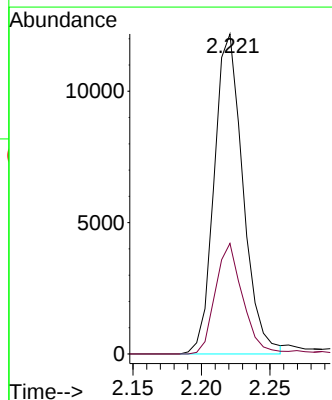
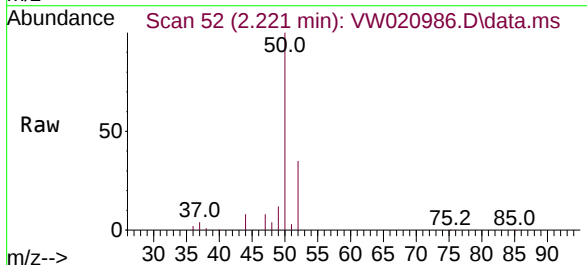
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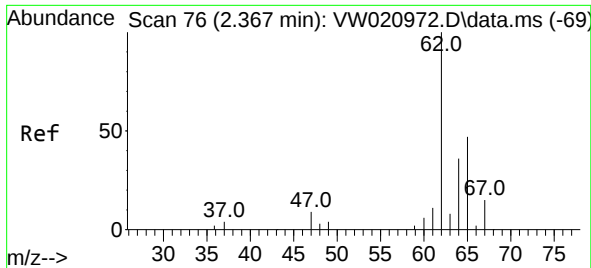
Tgt Ion: 85 Resp: 7771
 Ion Ratio Lower Upper
 85 100
 87 29.5 25.8 38.6



#3
 Chloromethane
 Concen: 18.856 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW020986.D
 Acq: 30 Nov 2021 13:43

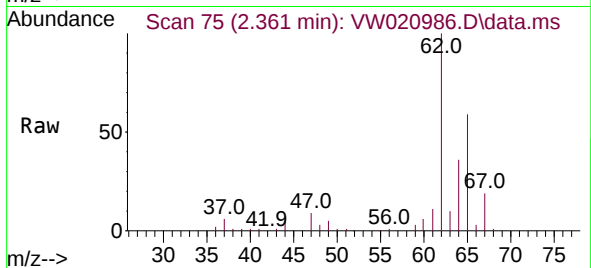
Tgt Ion: 50 Resp: 17792
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.4 43.6



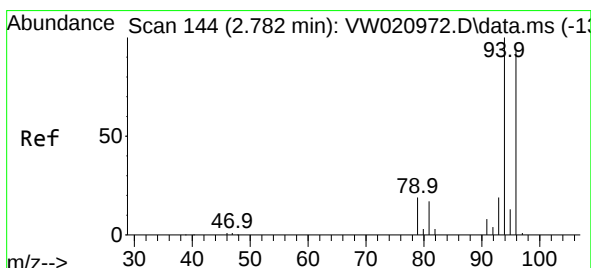
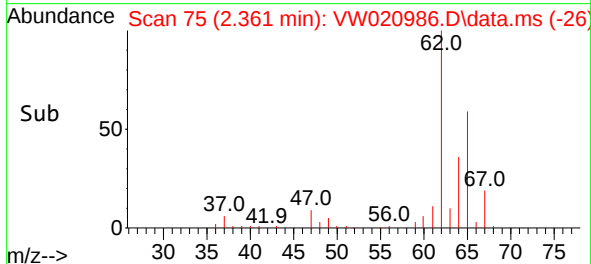
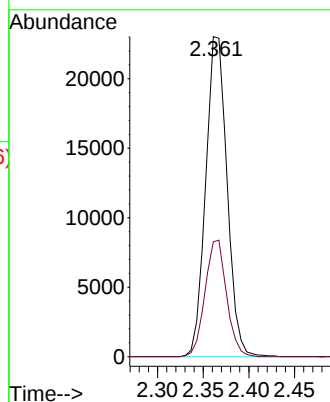


#5
 Vinyl chloride
 Concen: 22.920 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW020986.D
 Acq: 30 Nov 2021 13:43

Instrument :
 MSVOA_W
 ClientSampleId :

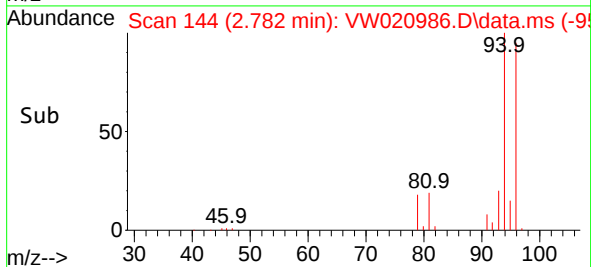
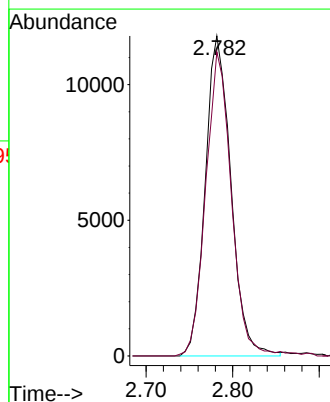
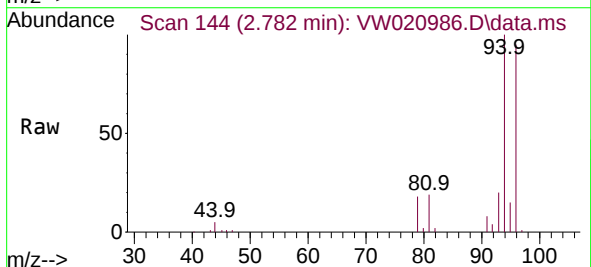


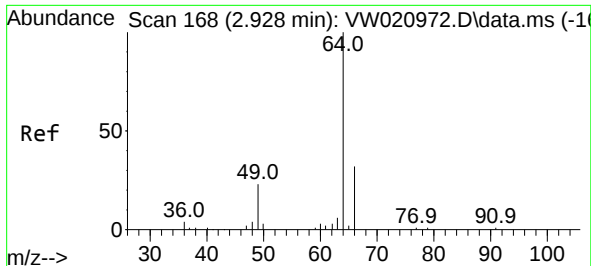
Tgt Ion: 62 Resp: 37407
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.4 45.2



#6
 Bromomethane
 Concen: 26.826 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW020986.D
 Acq: 30 Nov 2021 13:43

Tgt Ion: 94 Resp: 24277
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.8 120.4

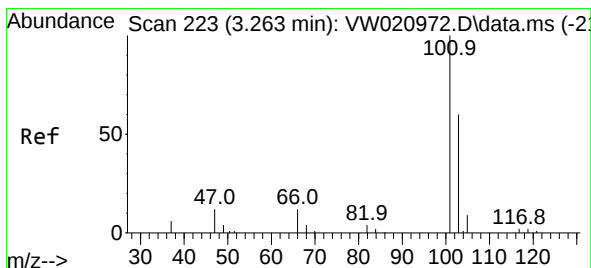
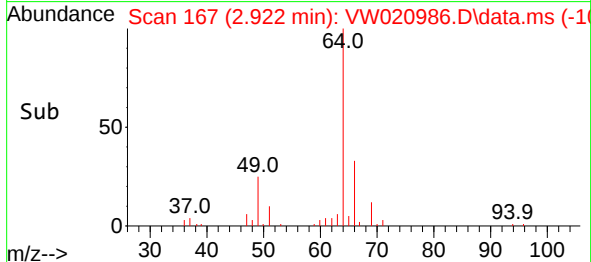
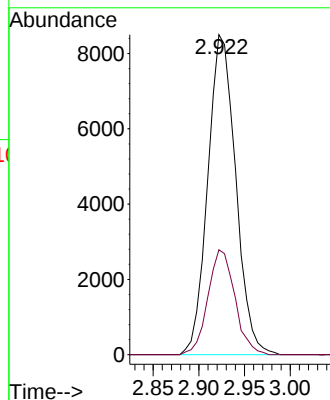
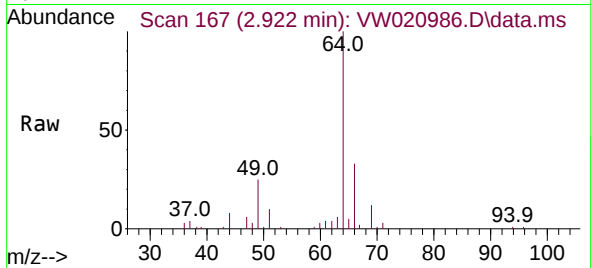




#8
Chloroethane
Concen: 26.377 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

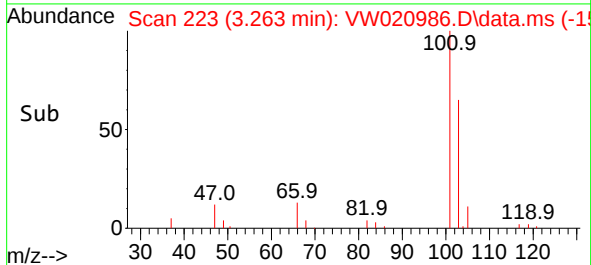
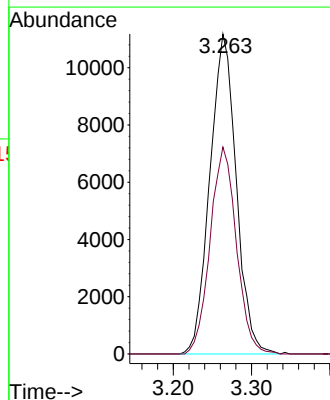
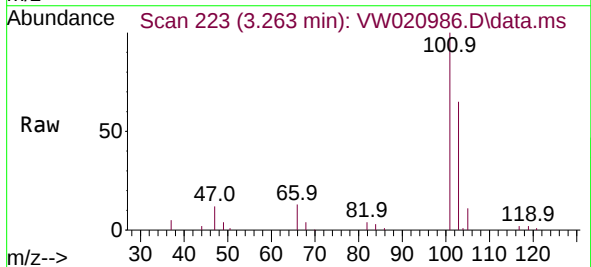
Instrument :
MSVOA_W
ClientSampleId :

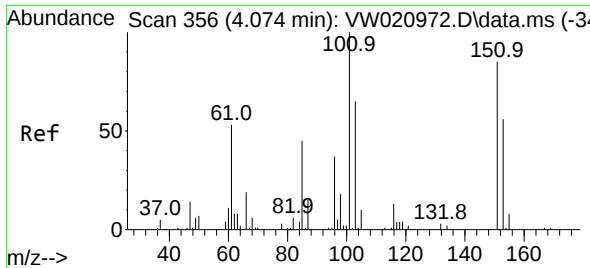
Tgt Ion: 64 Resp: 18098
Ion Ratio Lower Upper
64 100
66 32.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 27.554 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 101 Resp: 26195
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

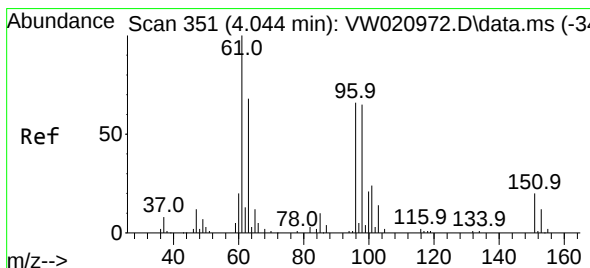
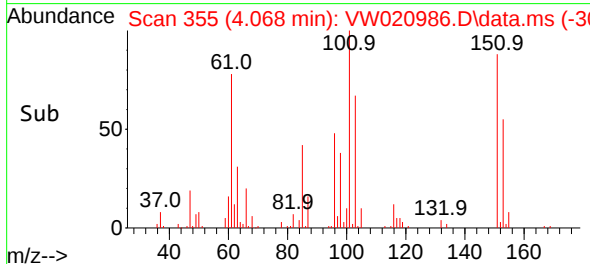
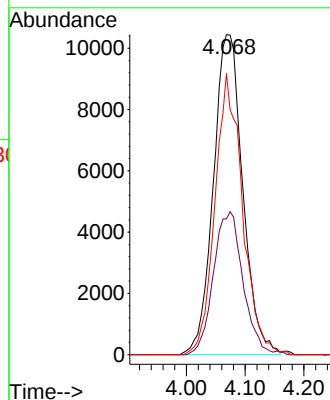
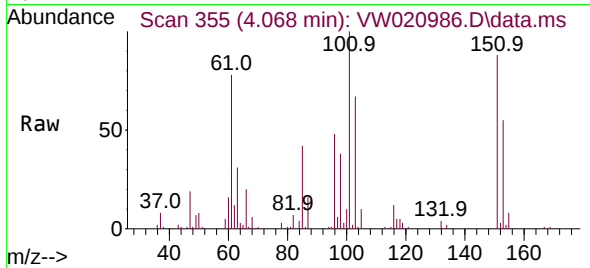




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.116 ug/L
 RT: 4.068 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW020986.D
 Acq: 30 Nov 2021 13:43

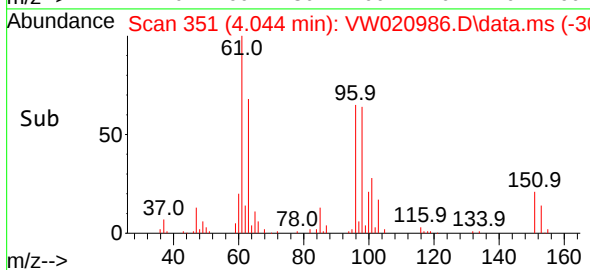
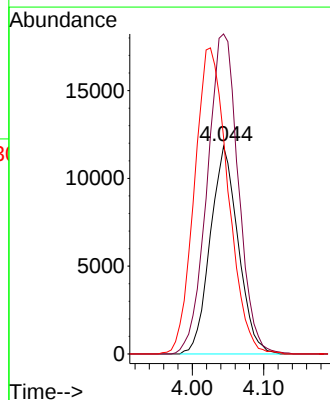
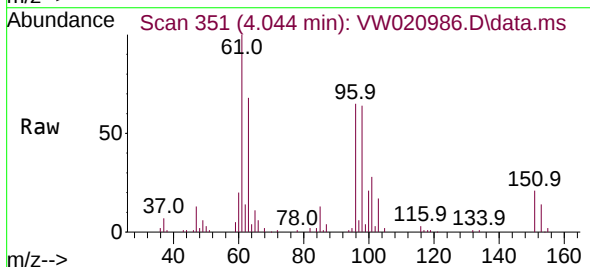
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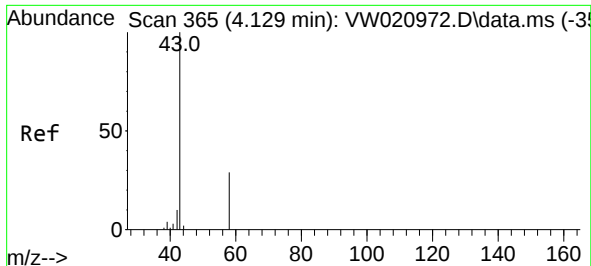
Tgt Ion:101 Resp: 36297
 Ion Ratio Lower Upper
 101 100
 85 44.7 36.6 54.8
 151 81.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.878 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW020986.D
 Acq: 30 Nov 2021 13:43

Tgt Ion: 96 Resp: 32083
 Ion Ratio Lower Upper
 96 100
 61 154.1 138.3 256.9
 63 104.4 82.6 153.4

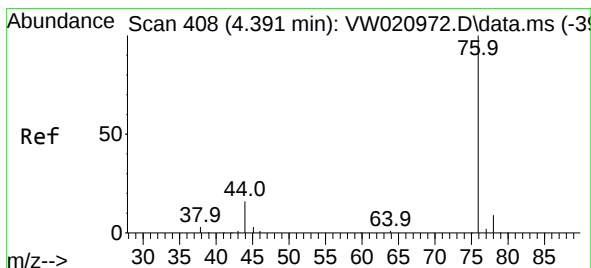
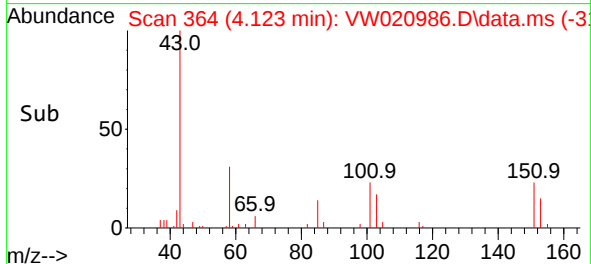
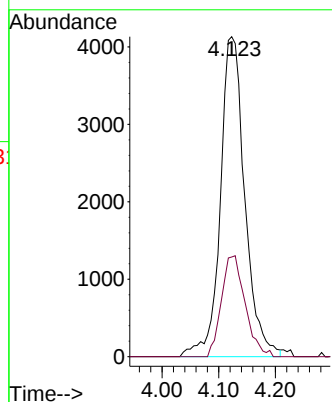
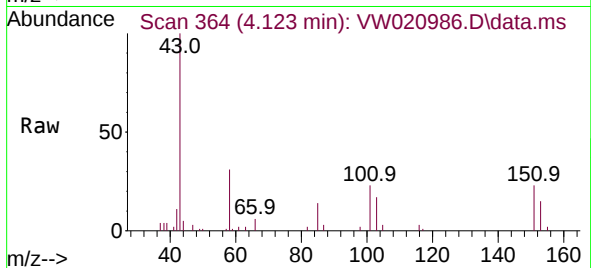




#13
Acetone
Concen: 44.747 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

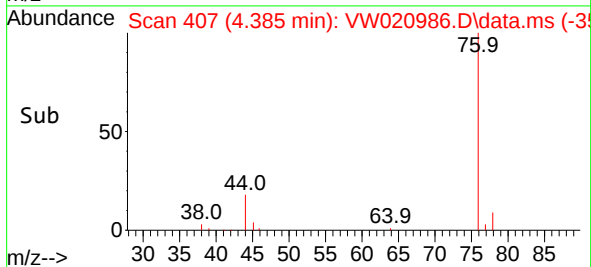
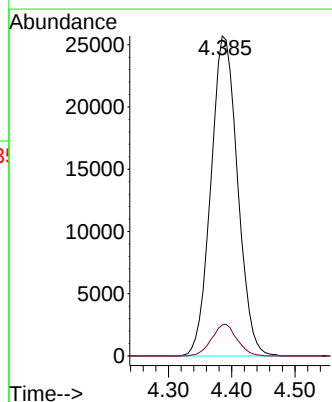
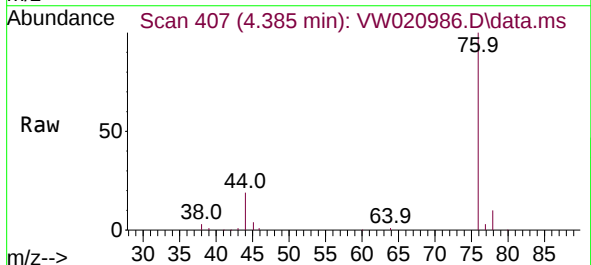
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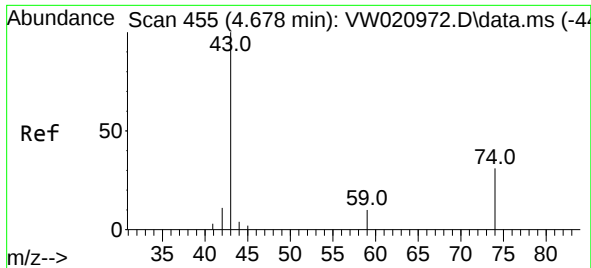
Tgt Ion: 43 Resp: 12404
Ion Ratio Lower Upper
43 100
58 30.2 0.0 52.8



#14
Carbon disulfide
Concen: 20.727 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 75320
Ion Ratio Lower Upper
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78 9.7 7.1 10.7

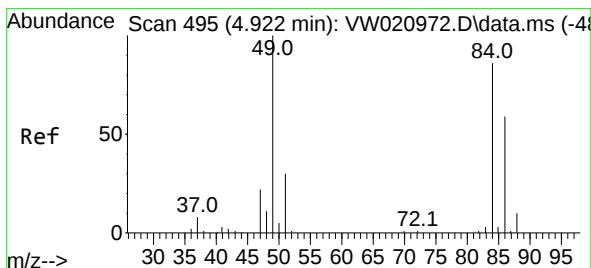
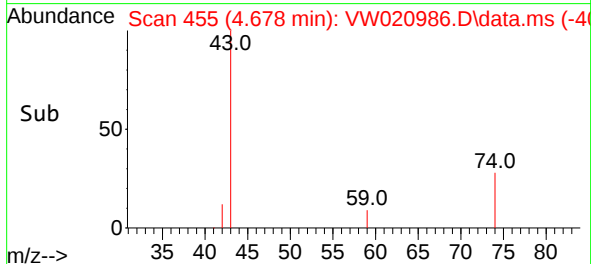
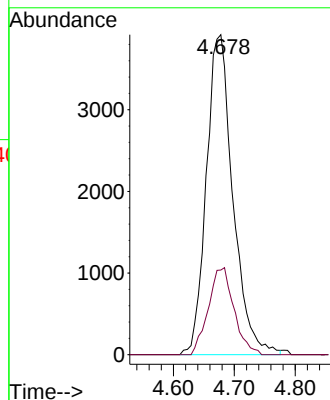
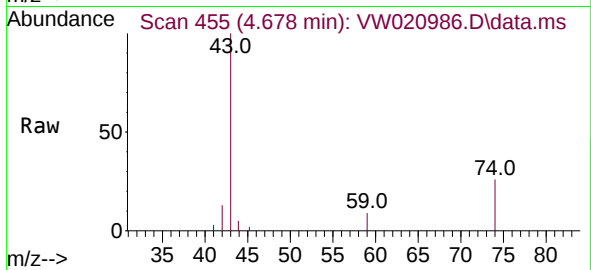




#15
Methyl Acetate
Concen: 23.922 ug/L
RT: 4.678 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

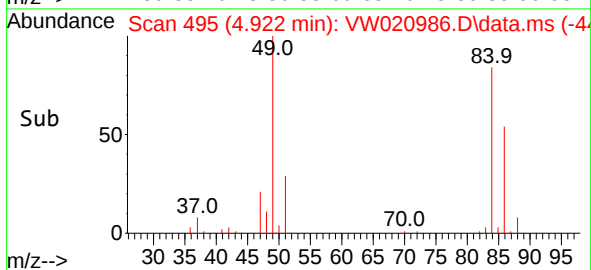
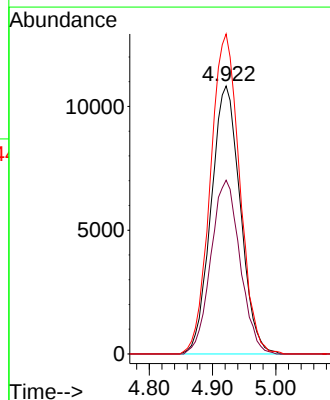
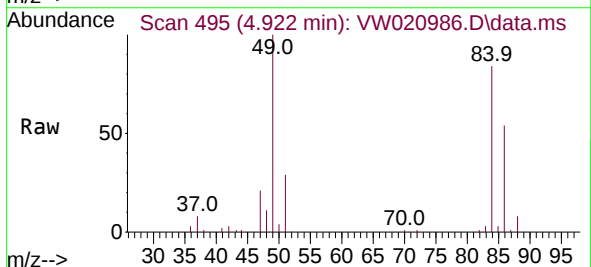
Instrument :
MSVOA_W
ClientSampleId :

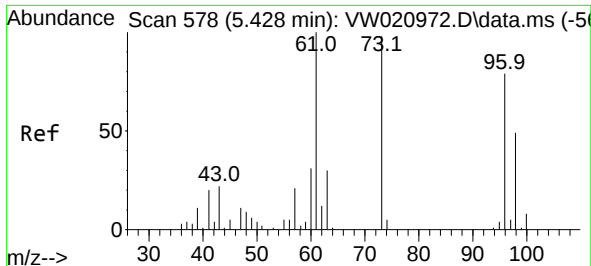
Tgt Ion: 43 Resp: 11892
Ion Ratio Lower Upper
43 100
74 26.1 16.4 24.6#



#16
Methylene chloride
Concen: 23.203 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 84 Resp: 34703
Ion Ratio Lower Upper
84 100
86 64.9 45.5 84.5
49 119.4 100.5 186.7

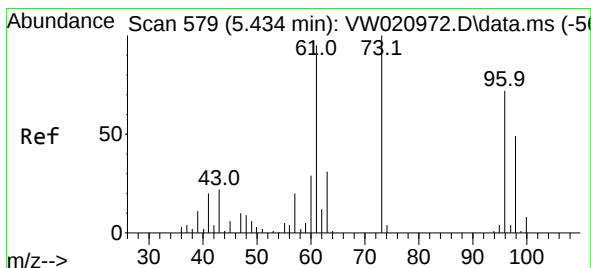
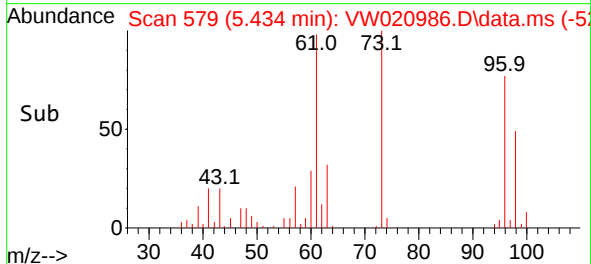
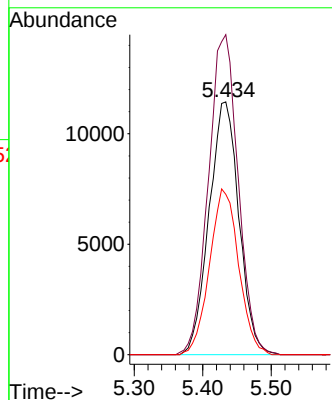
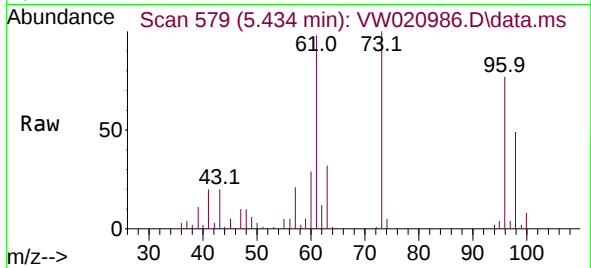




#17
trans-1,2-Dichloroethene
Concen: 23.946 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

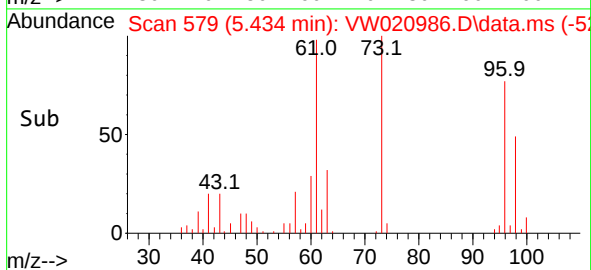
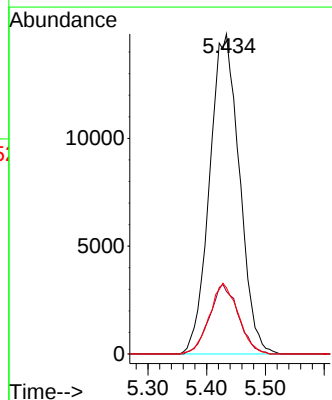
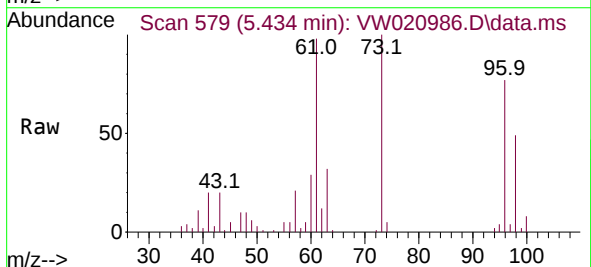
Instrument :
MSVOA_W
ClientSampleId :

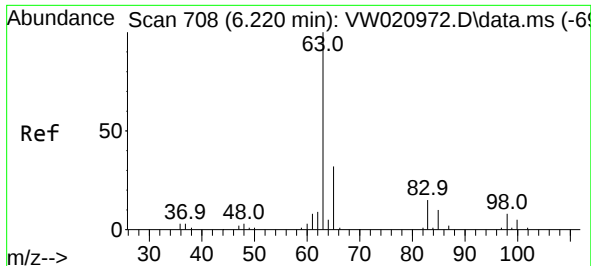
Tgt Ion: 96 Resp: 34677
Ion Ratio Lower Upper
96 100
61 126.6 107.4 199.4
98 63.4 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.049 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 73 Resp: 52275
Ion Ratio Lower Upper
73 100
43 21.1 19.5 29.3
57 21.3 19.3 28.9

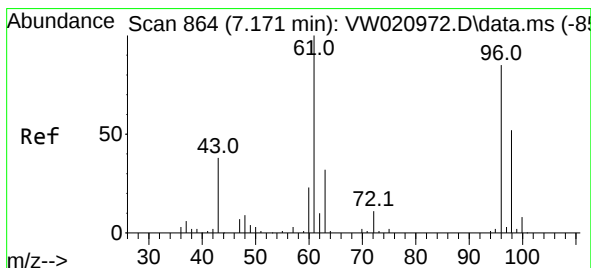
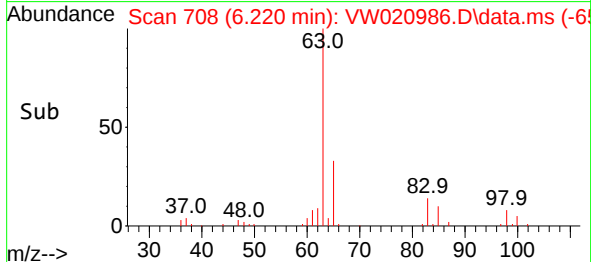
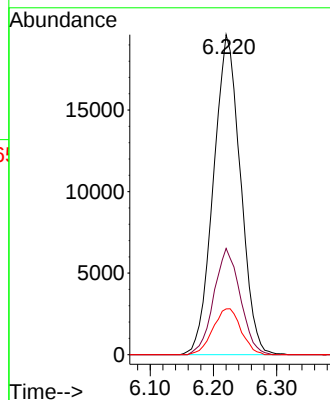
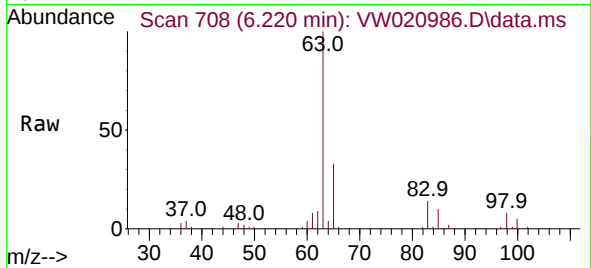




#19
1,1-Dichloroethane
Concen: 24.204 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

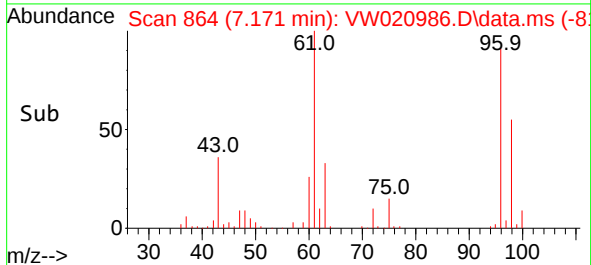
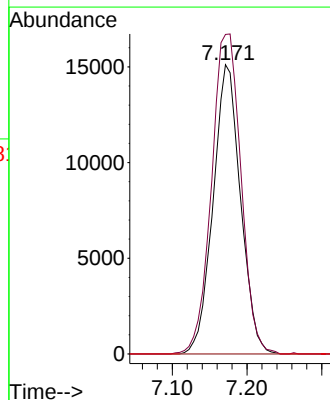
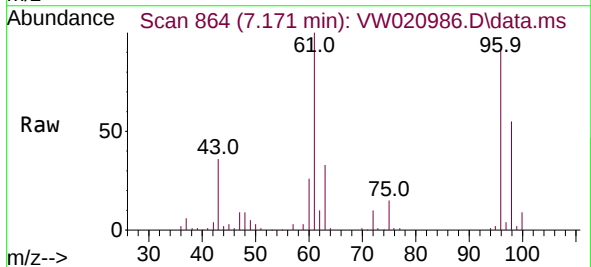
Instrument :
MSVOA_W
ClientSampleId :

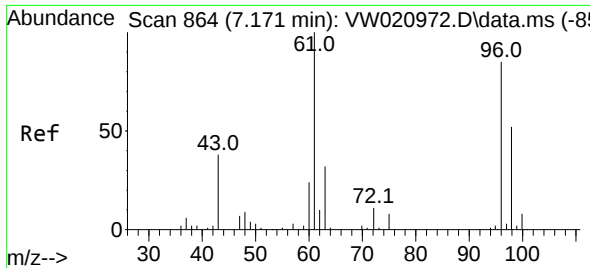
Tgt Ion: 63 Resp: 58076
Ion Ratio Lower Upper
63 100
65 33.2 22.1 41.1
83 14.3 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 24.710 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 96 Resp: 38566
Ion Ratio Lower Upper
96 100
61 110.4 103.7 192.7
68 0.0 0.0 0.0

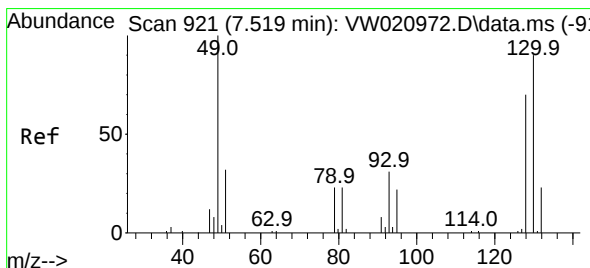
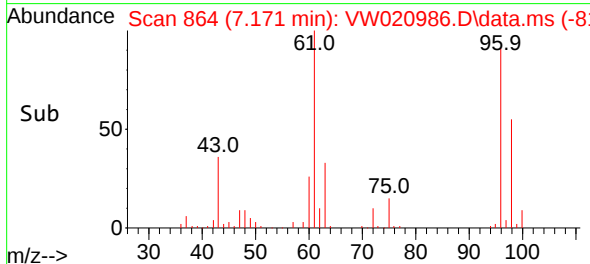
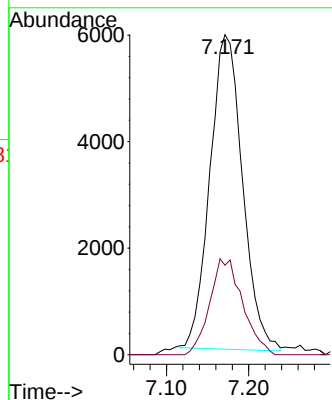
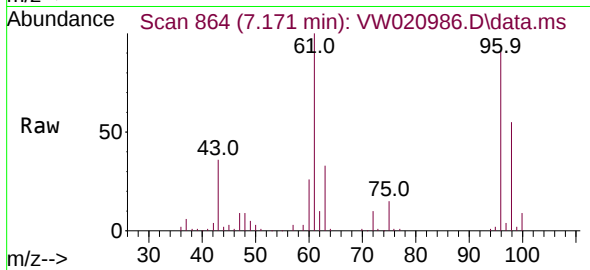




#22
2-Butanone
Concen: 43.154 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

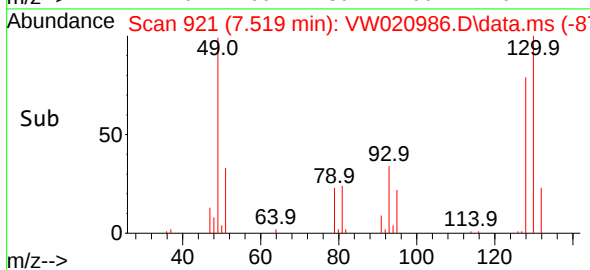
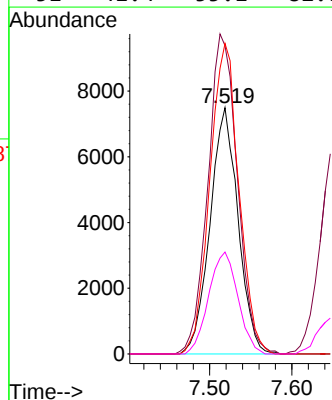
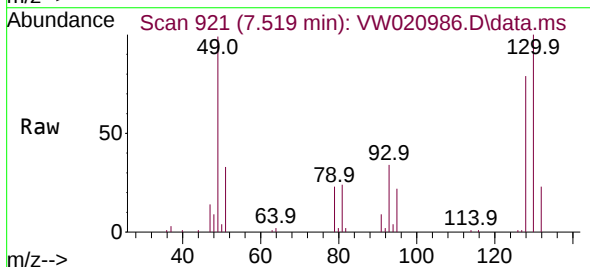
Instrument :
MSVOA_W
ClientSampleId :

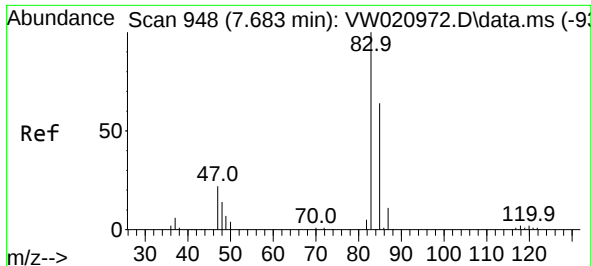
Tgt Ion: 43 Resp: 16253
Ion Ratio Lower Upper
43 100
72 30.8 11.8 35.4



#23
Bromochloromethane
Concen: 24.880 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 128 Resp: 17752
Ion Ratio Lower Upper
128 100
49 125.2 150.3 279.1#
130 126.1 88.3 163.9
51 41.4 55.1 82.7#

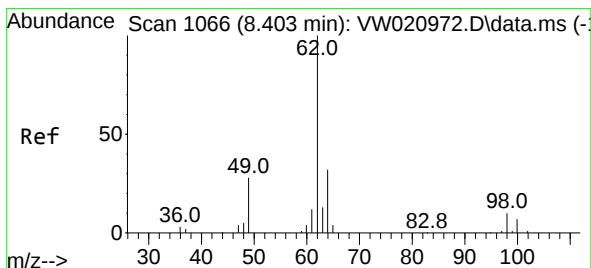
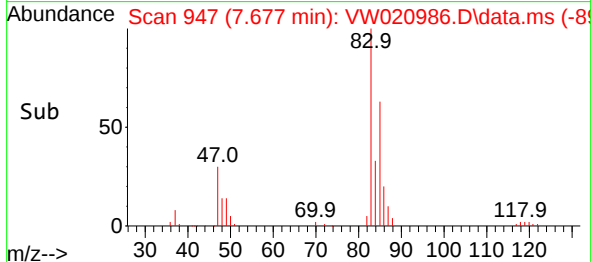
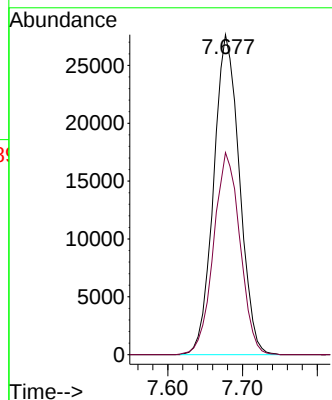
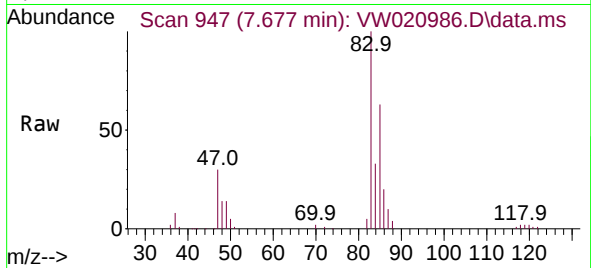




#25
Chloroform
Concen: 25.355 ug/L
RT: 7.677 min Scan# 948
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

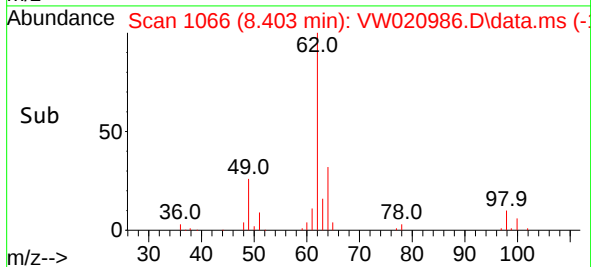
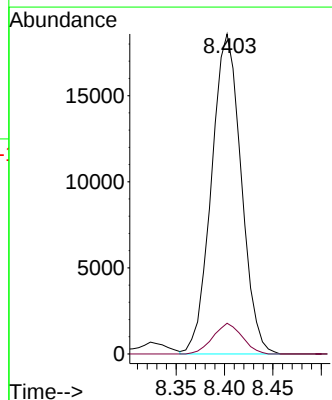
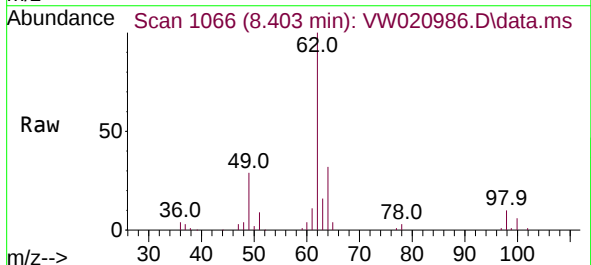
Instrument :
MSVOA_W
ClientSampleId :

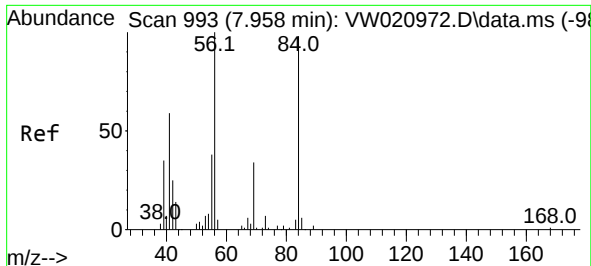
Tgt Ion: 83 Resp: 66497
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.003 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 62 Resp: 39706
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7





#29

Cyclohexane

Concen: 22.568 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.006 min

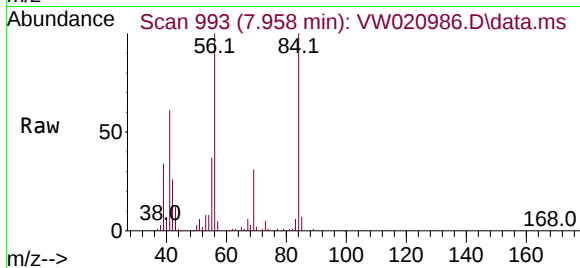
Lab File: VW020986.D

Acq: 30 Nov 2021 13:43

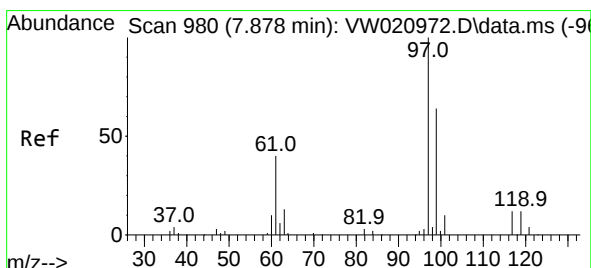
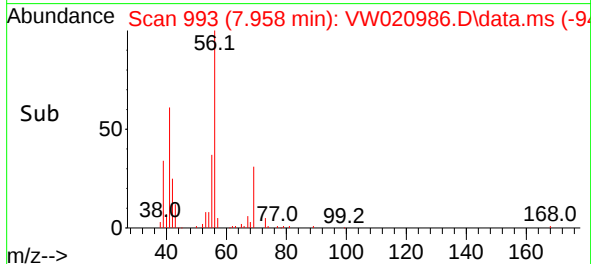
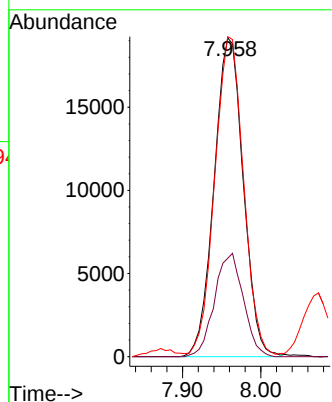
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	49599
Ion Ratio	Lower	Upper	
56	100		
69	32.0	23.5	35.3
84	99.2	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 25.039 ug/L

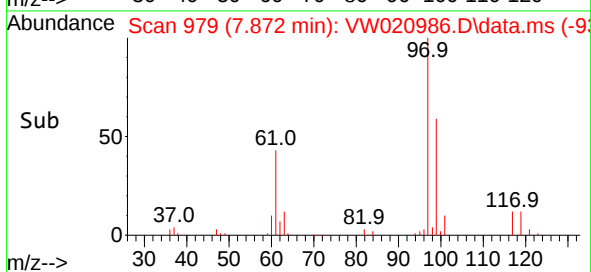
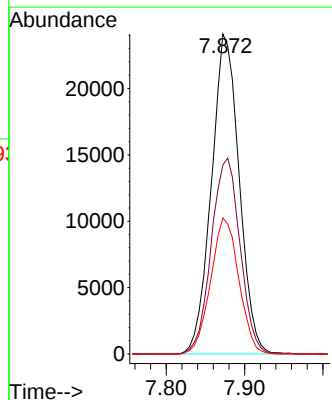
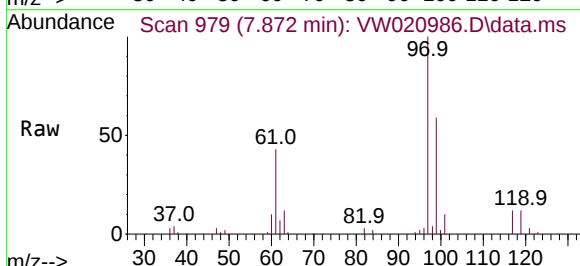
RT: 7.872 min Scan# 979

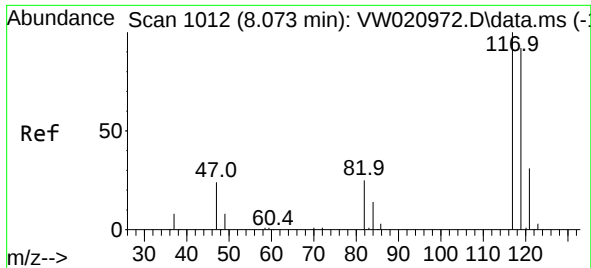
Delta R.T. -0.000 min

Lab File: VW020986.D

Acq: 30 Nov 2021 13:43

Tgt Ion:	97	Resp:	59359
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.6	77.4
61	43.0	40.9	61.3

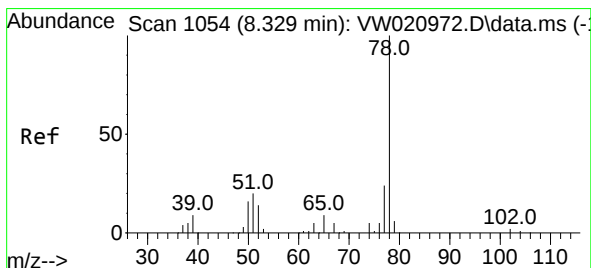
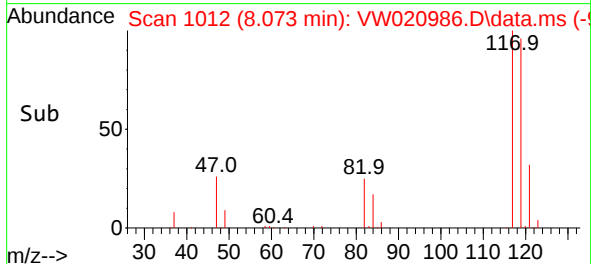
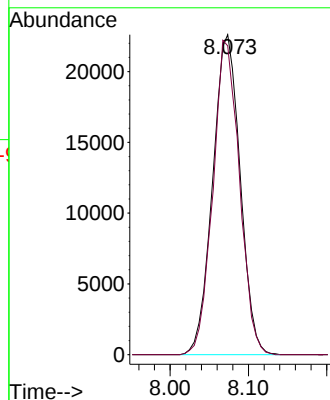
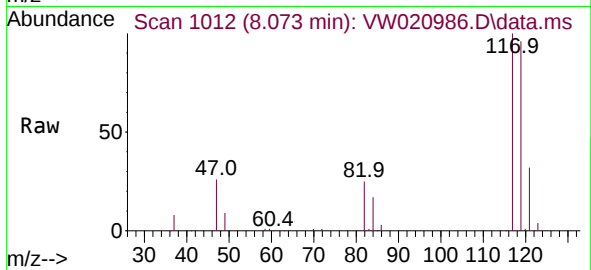




#31
Carbon tetrachloride
Concen: 24.525 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

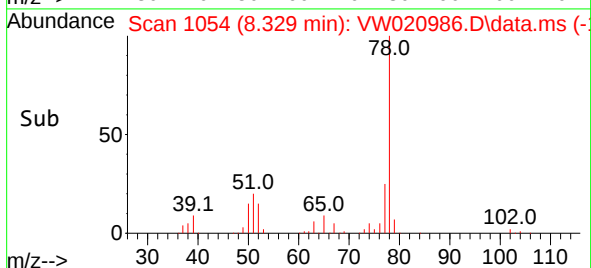
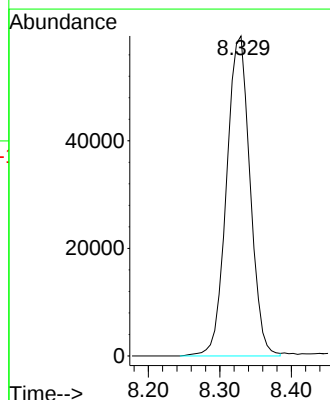
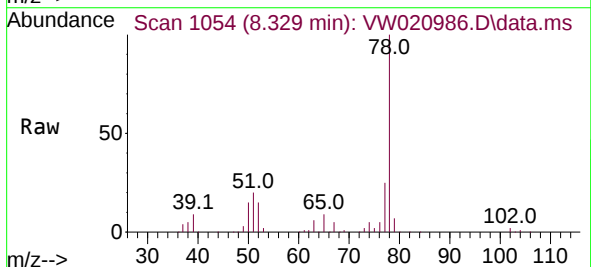
Instrument :
MSVOA_W
ClientSampleId :

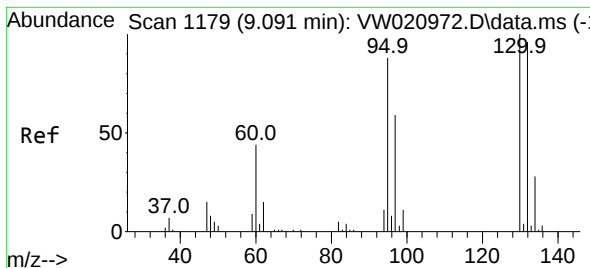
Tgt Ion:117 Resp: 55027
Ion Ratio Lower Upper
117 100
119 95.0 75.7 113.5



#33
Benzene
Concen: 24.306 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 78 Resp: 135665





#34

Trichloroethene

Concen: 24.384 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020986.D

Acq: 30 Nov 2021 13:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 38069

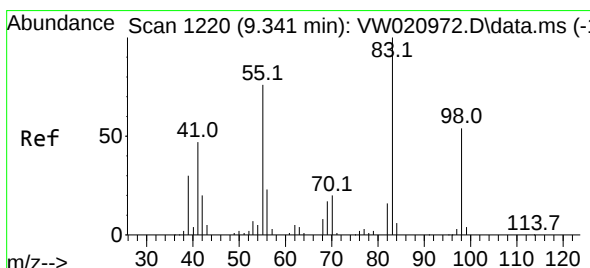
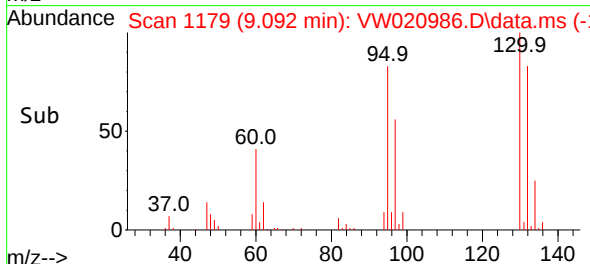
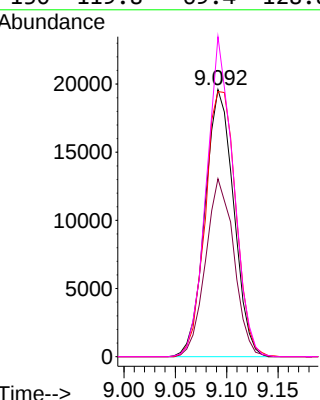
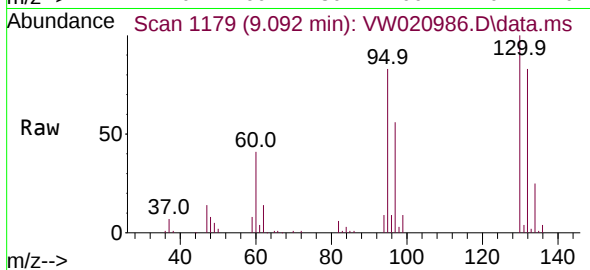
Ion Ratio Lower Upper

95 100

97 66.6 47.0 87.2

132 99.3 65.5 121.6

130 119.8 69.4 128.8



#35

Methylcyclohexane

Concen: 23.278 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020986.D

Acq: 30 Nov 2021 13:43

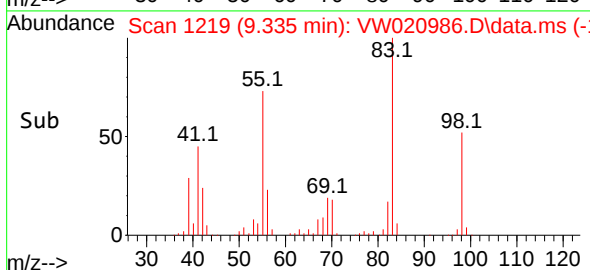
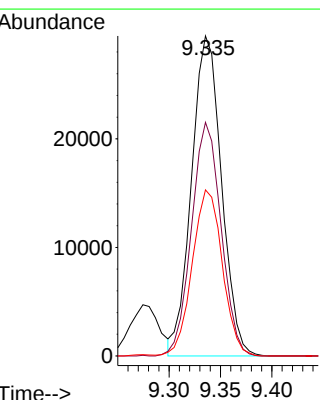
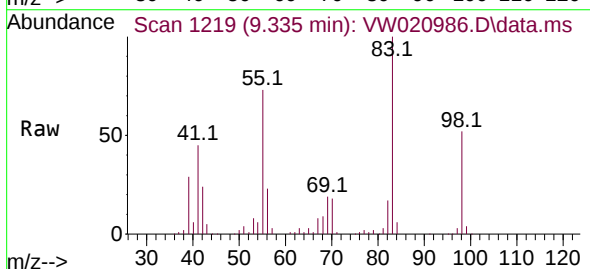
Tgt Ion: 83 Resp: 59918

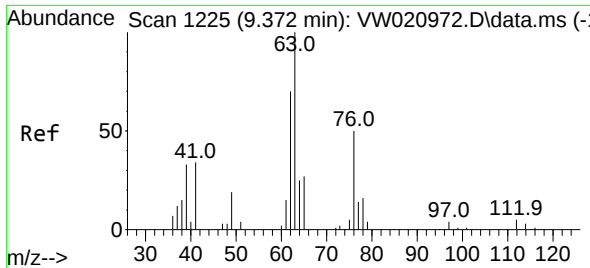
Ion Ratio Lower Upper

83 100

55 71.8 70.8 106.2

98 52.0 37.7 56.5

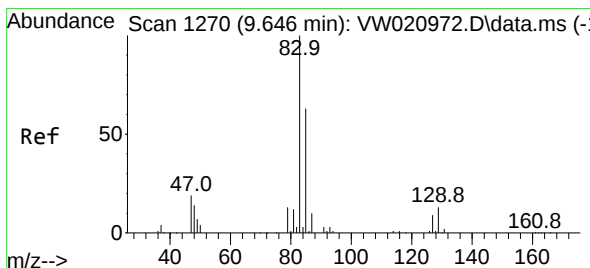
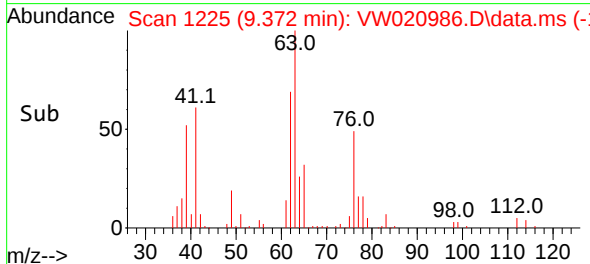
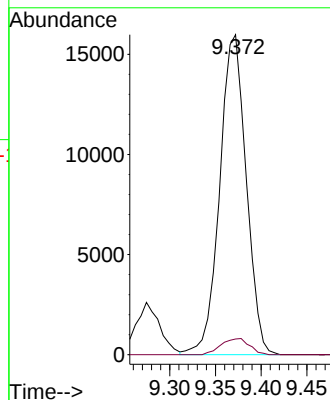
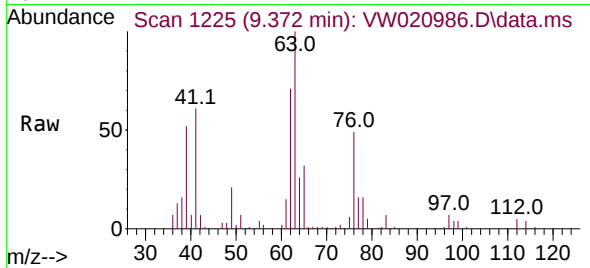




#37
1,2-Dichloropropane
Concen: 24.855 ug/L
RT: 9.372 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

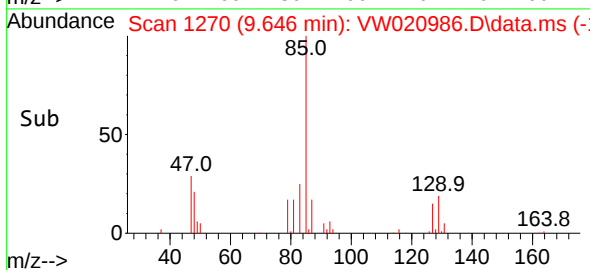
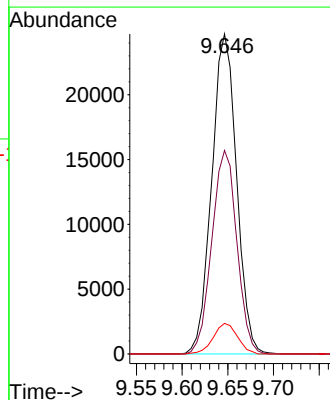
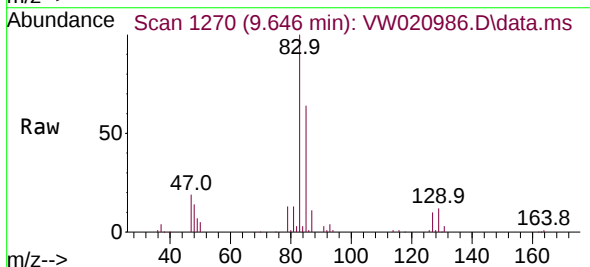
Instrument :
MSVOA_W
ClientSampleId :

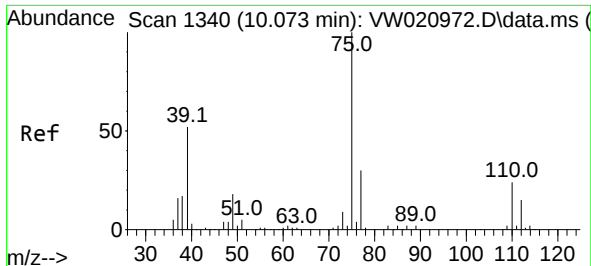
Tgt Ion: 63 Resp: 32287
Ion Ratio Lower Upper
63 100
112 5.4 3.2 4.8#



#38
Bromodichloromethane
Concen: 25.034 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 83 Resp: 46668
Ion Ratio Lower Upper
83 100
85 63.6 44.1 81.9
127 9.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.539 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020986.D

Acq: 30 Nov 2021 13:43

Instrument :

MSVOA_W

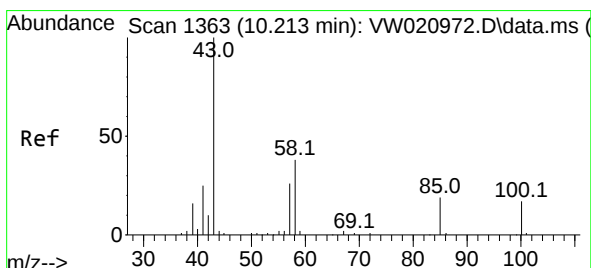
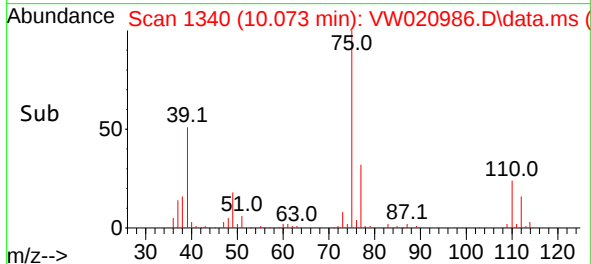
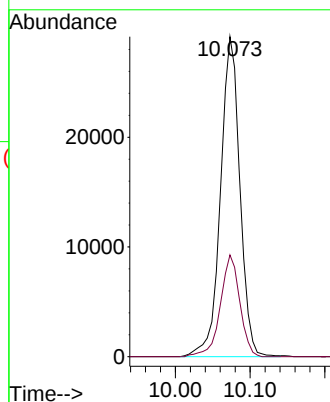
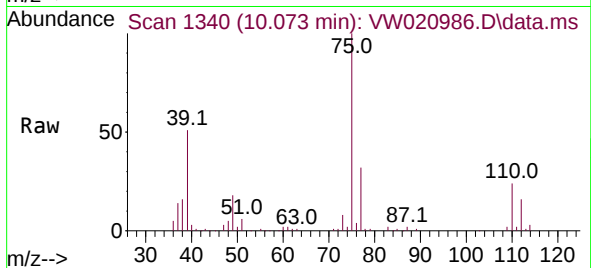
ClientSampleId :

Tgt Ion: 75 Resp: 52630

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.764 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW020986.D

Acq: 30 Nov 2021 13:43

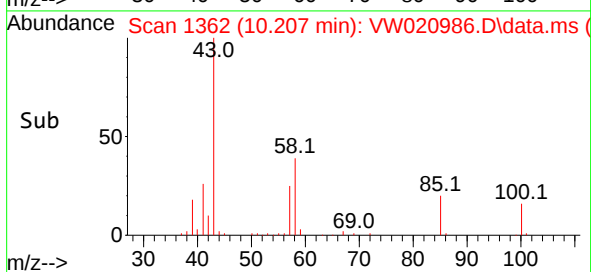
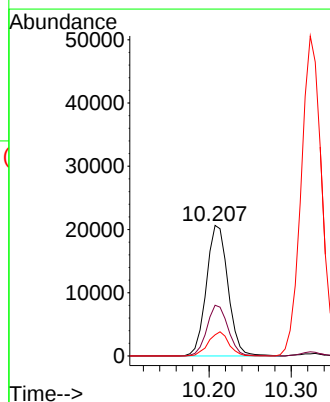
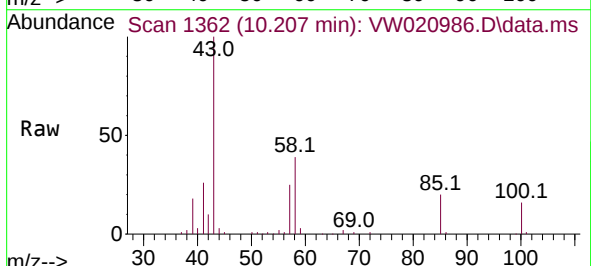
Tgt Ion: 43 Resp: 37703

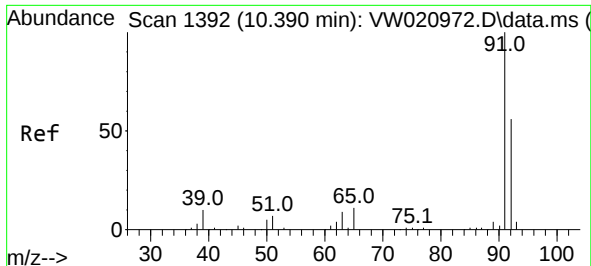
Ion Ratio Lower Upper

43 100

58 38.1 28.8 43.2

100 17.4 10.0 15.0#

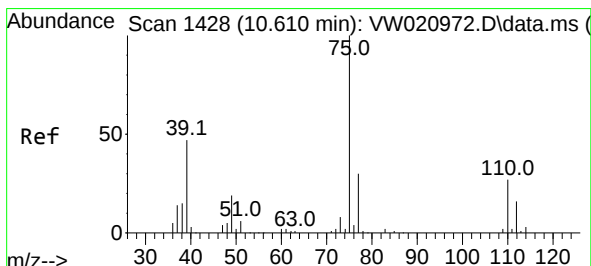
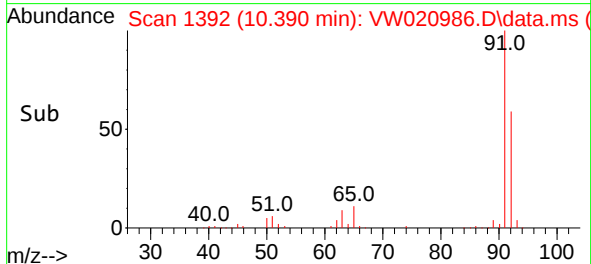
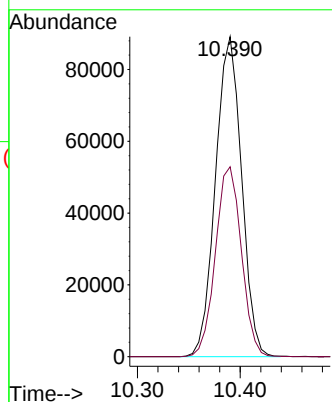
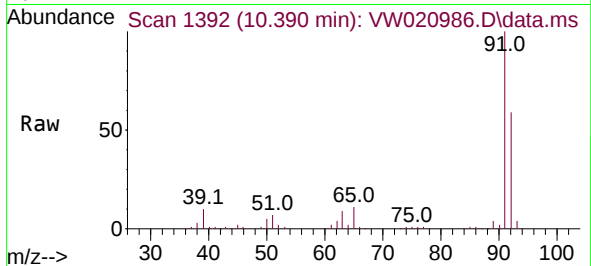




#42
Toluene
Concen: 25.038 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

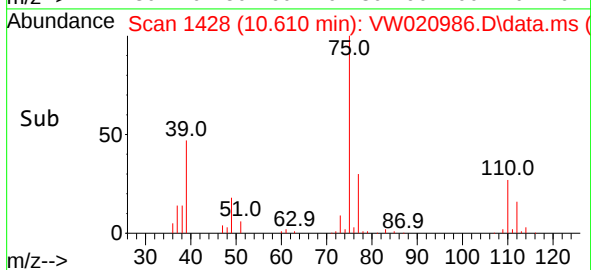
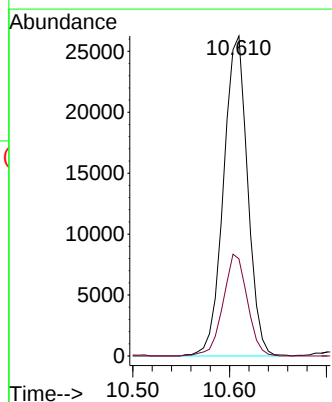
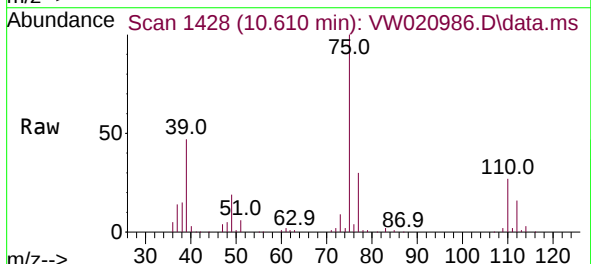
Instrument :
MSVOA_W
ClientSampleId :

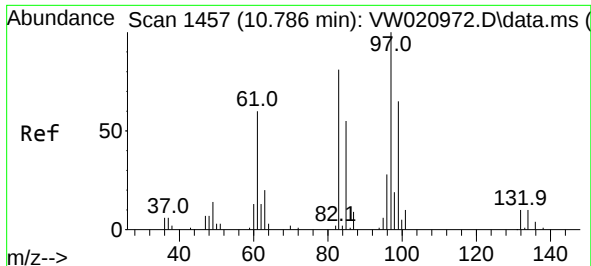
Tgt Ion: 91 Resp: 157196
Ion Ratio Lower Upper
91 100
92 59.4 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.098 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 75 Resp: 45423
Ion Ratio Lower Upper
75 100
77 30.3 22.2 41.2

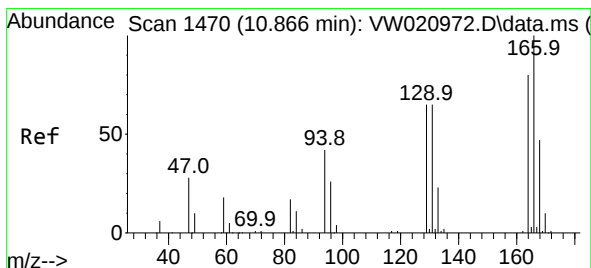
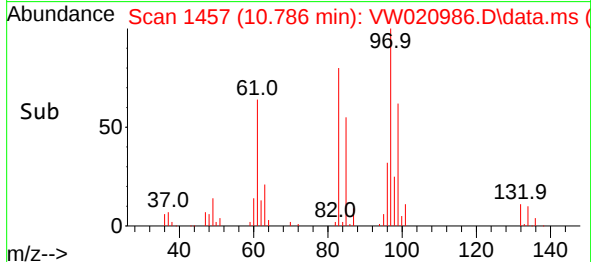
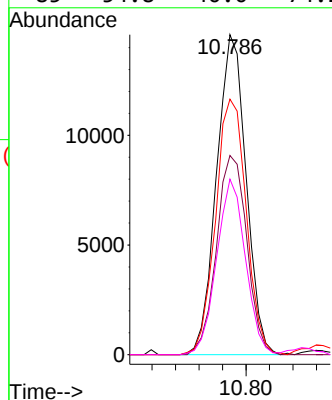
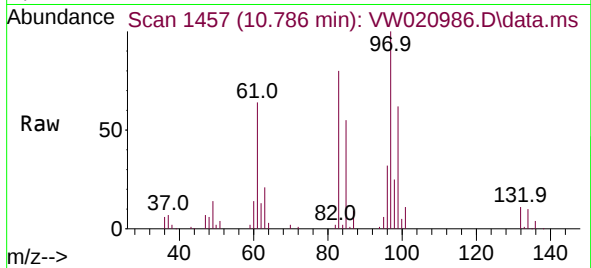




#45
1,1,2-Trichloroethane
Concen: 25.196 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

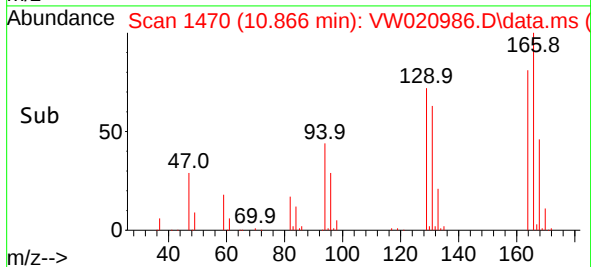
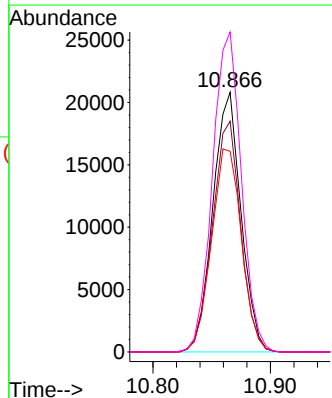
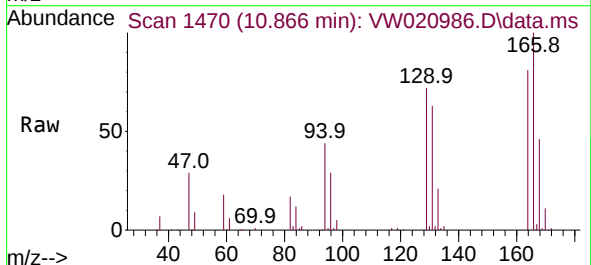
Instrument :
MSVOA_W
ClientSampleId :

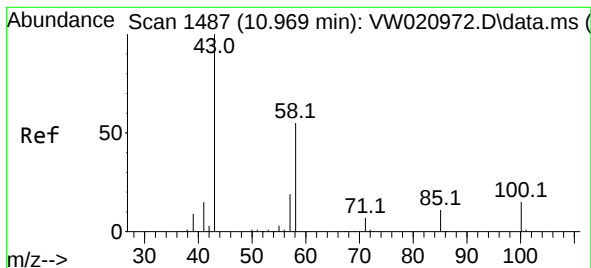
Tgt Ion: 97	Resp: 25456
Ion Ratio	Lower Upper
97 100	
99 62.2	43.0 79.8
83 79.9	62.6 116.3
85 54.8	40.0 74.2



#46
Tetrachloroethene
Concen: 24.161 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

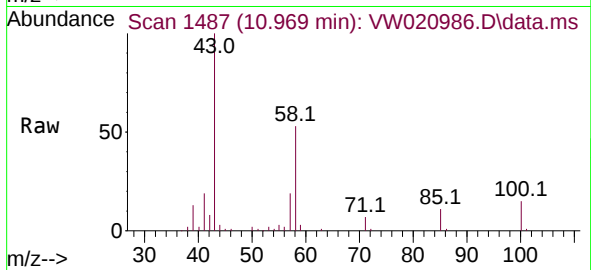
Tgt	Ion:164	Resp:	34634
Ion	Ratio	Lower	Upper
164	100		
129	88.9	65.5	121.7
131	77.2	59.7	110.9
166	123.2	88.7	164.7



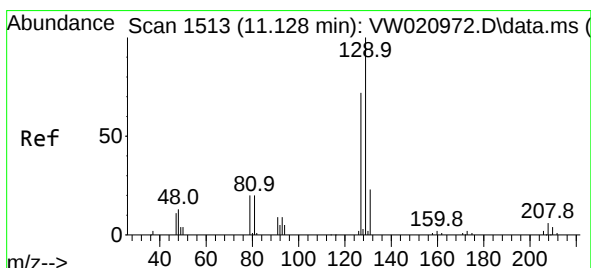
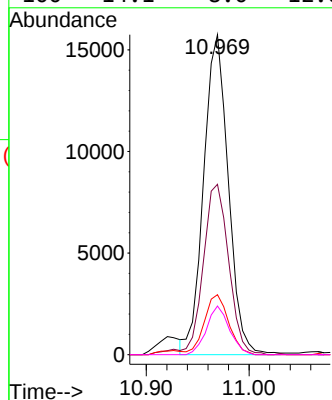
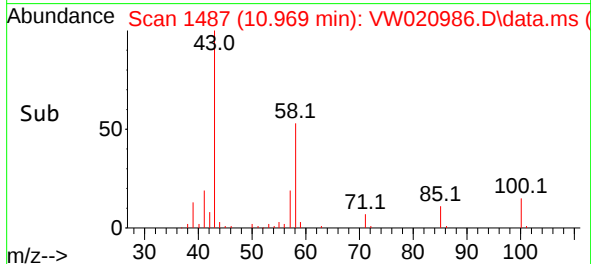


#48
2-Hexanone
Concen: 49.096 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Instrument :
MSVOA_W
ClientSampleId :

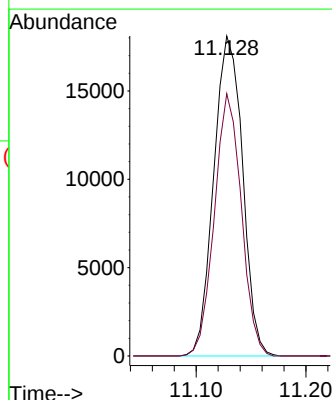
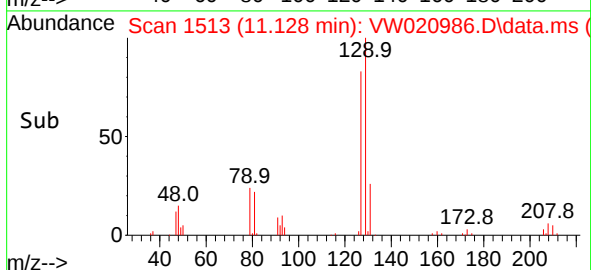
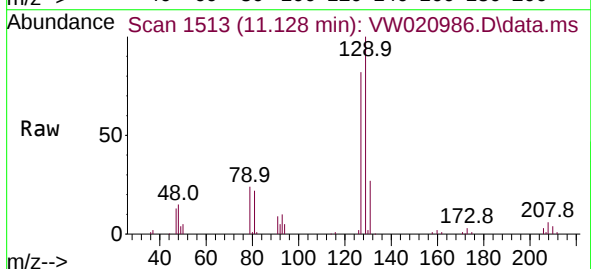


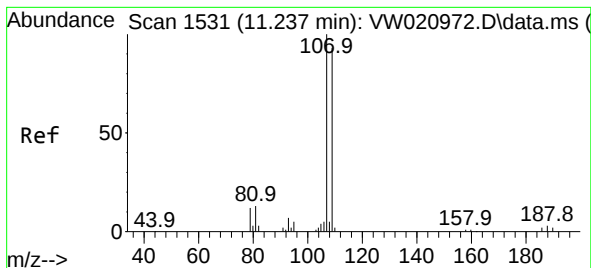
Tgt Ion: 43 Resp: 26294
Ion Ratio Lower Upper
43 100
58 54.3 40.2 60.2
57 18.4 14.3 21.5
100 14.1 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.773 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 129 Resp: 33112
Ion Ratio Lower Upper
129 100
127 81.9 55.7 103.5

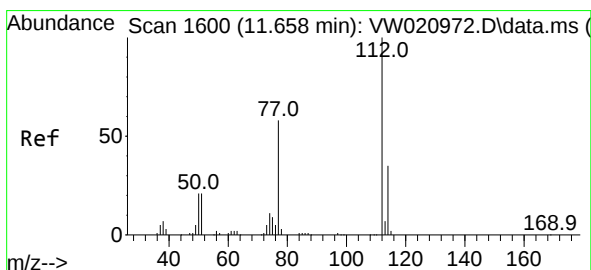
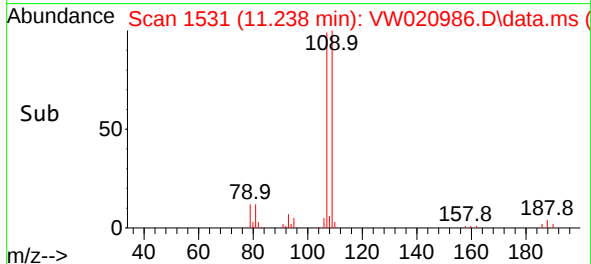
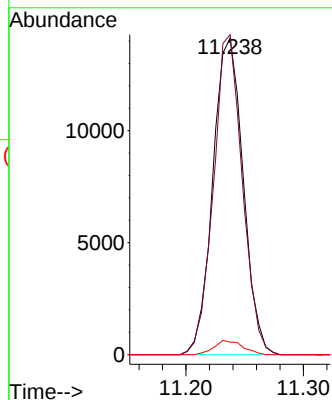
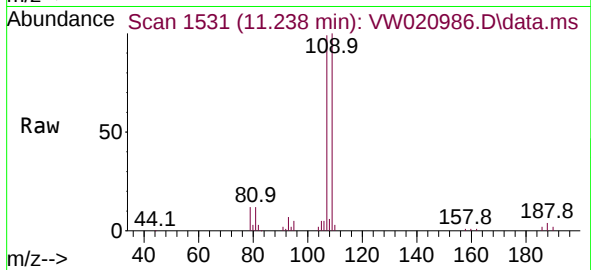




#50
1,2-Dibromoethane
Concen: 24.933 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

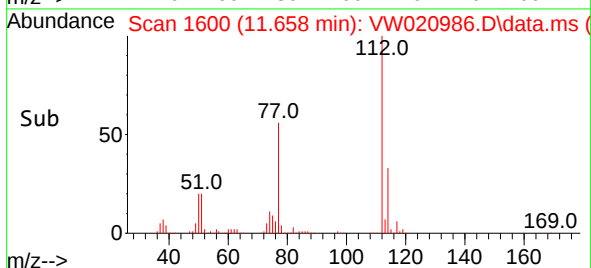
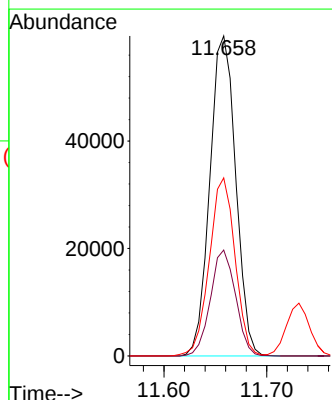
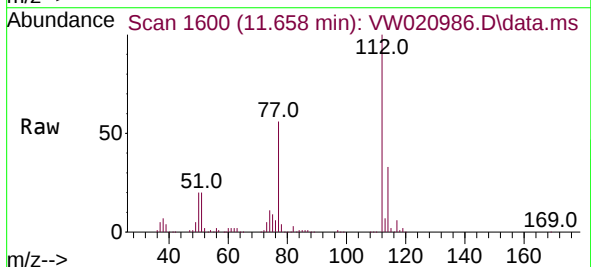
Instrument :
MSVOA_W
ClientSampleId :

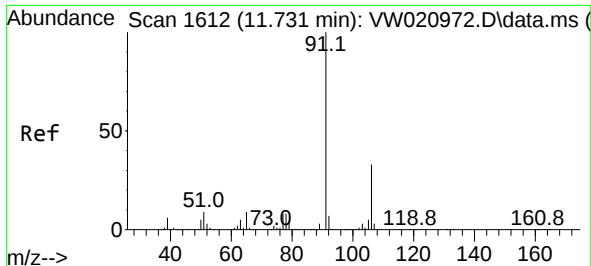
Tgt Ion:107 Resp: 25255
Ion Ratio Lower Upper
107 100
109 101.1 64.1 119.1
188 4.0 2.6 3.8#



#51
Chlorobenzene
Concen: 24.914 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion:112 Resp: 104031
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 55.7 50.2 75.4

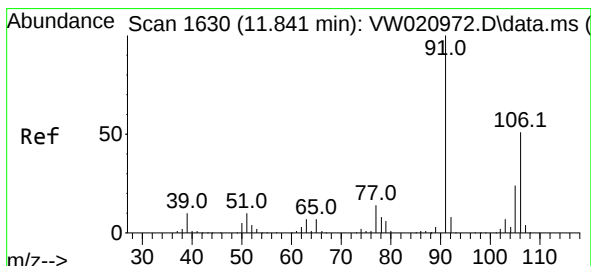
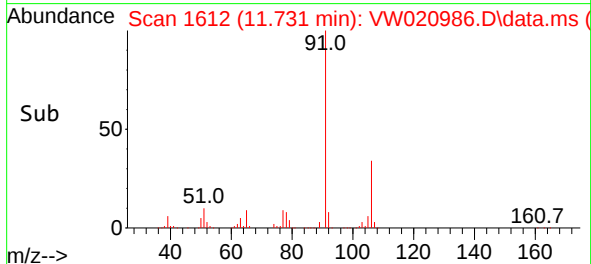
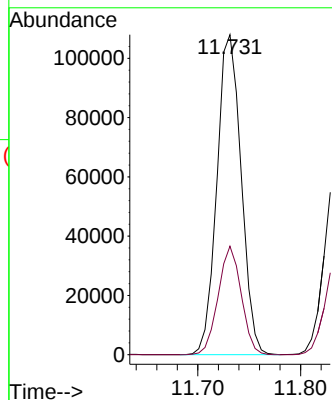
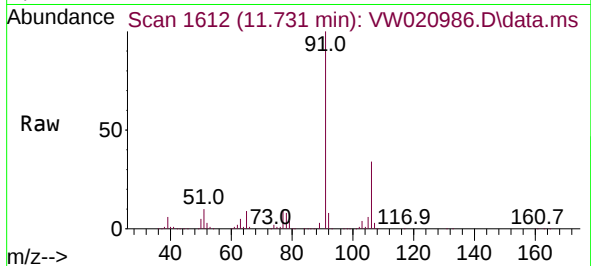




#52
Ethylbenzene
Concen: 25.398 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

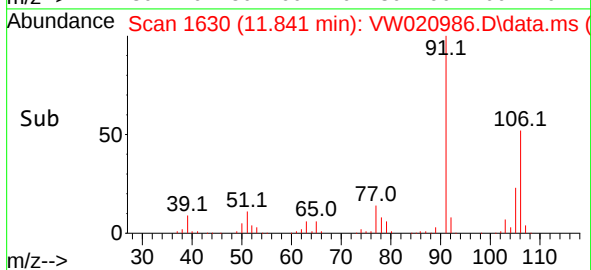
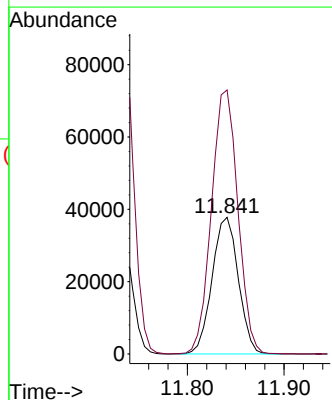
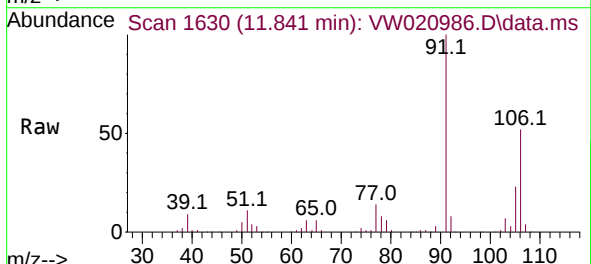
Instrument :
MSVOA_W
ClientSampleId :

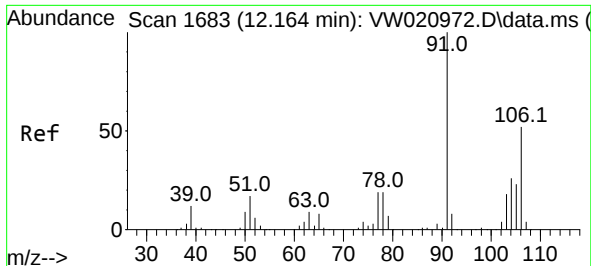
Tgt Ion: 91 Resp: 176694
Ion Ratio Lower Upper
91 100
106 33.9 21.5 39.9



#53
m,p-Xylene
Concen: 25.037 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion:106 Resp: 71113
Ion Ratio Lower Upper
106 100
91 193.2 149.9 278.3

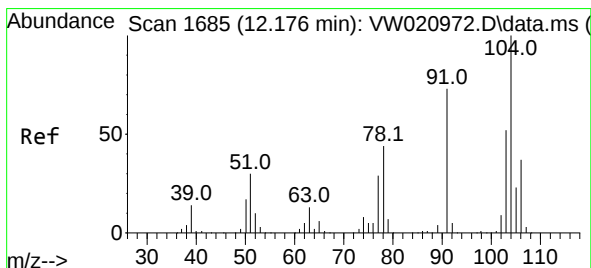
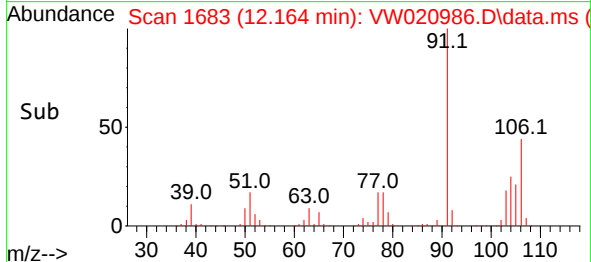
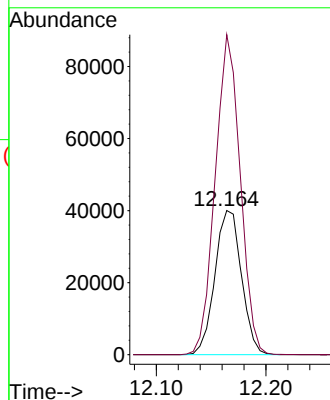
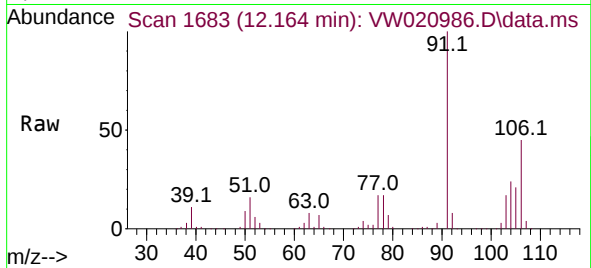




#54
o-Xylene
Concen: 24.705 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

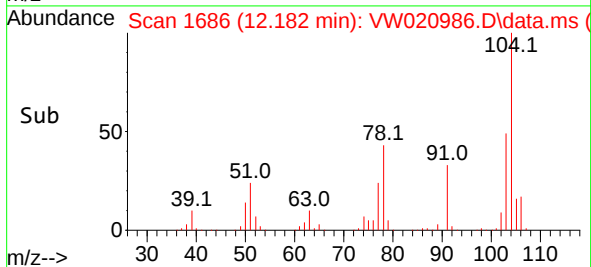
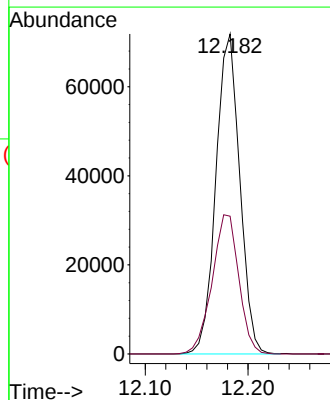
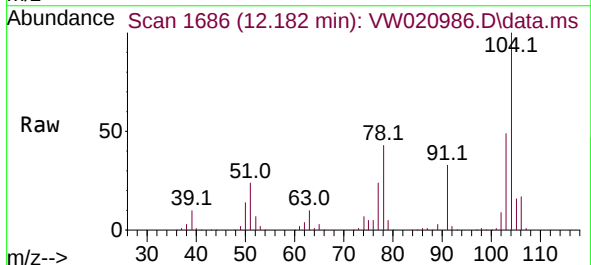
Instrument :
MSVOA_W
ClientSampleId :

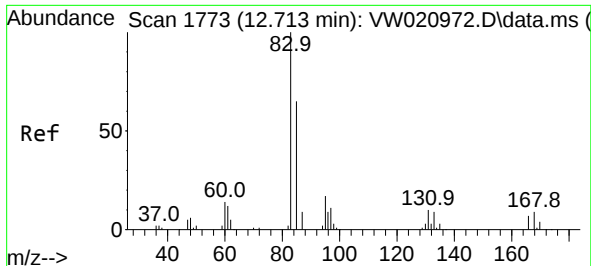
Tgt Ion:106 Resp: 67391
Ion Ratio Lower Upper
106 100
91 222.0 153.6 285.3



#55
Styrene
Concen: 25.522 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion:104 Resp: 115603
Ion Ratio Lower Upper
104 100
78 43.1 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.312 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020986.D

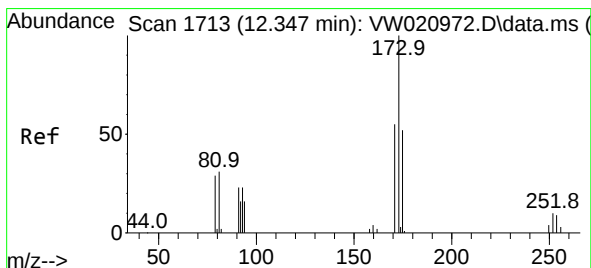
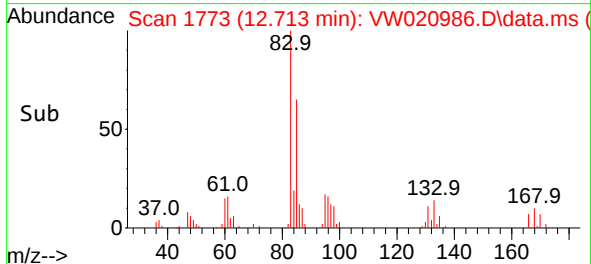
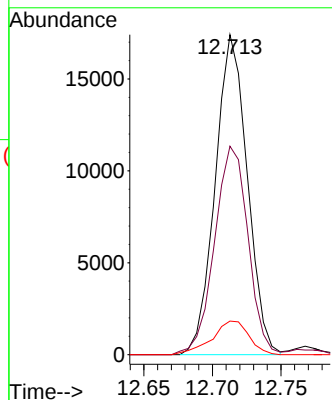
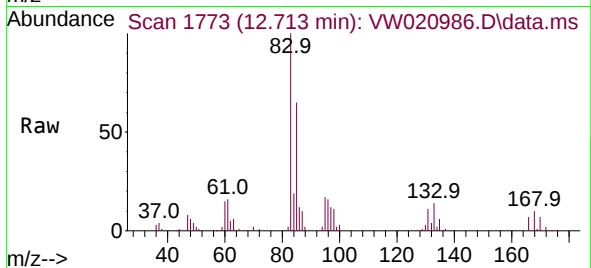
Acq: 30 Nov 2021 13:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	28344
Ion Ratio	Lower	Upper	
83	100		
85	65.2	44.0	81.6
131	10.5	6.9	10.3



#59

Bromoform

Concen: 24.039 ug/L

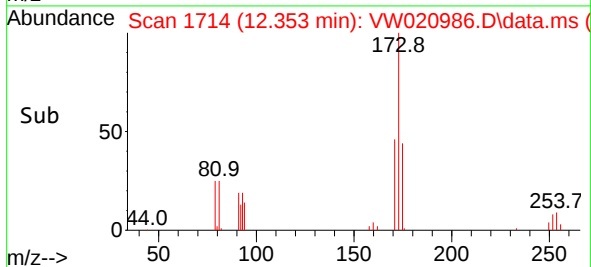
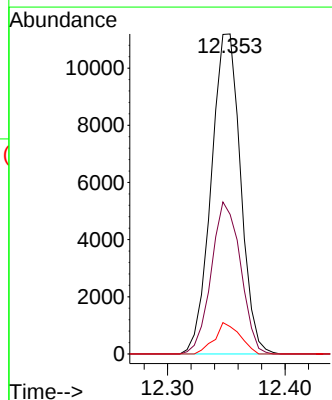
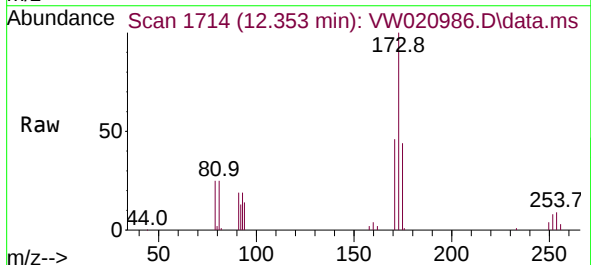
RT: 12.353 min Scan# 1714

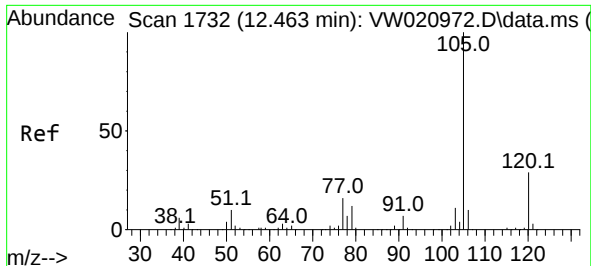
Delta R.T. -0.000 min

Lab File: VW020986.D

Acq: 30 Nov 2021 13:43

Tgt Ion:	173	Resp:	19419
Ion Ratio	Lower	Upper	
173	100		
175	47.4	39.6	59.4
254	8.5	7.4	11.0

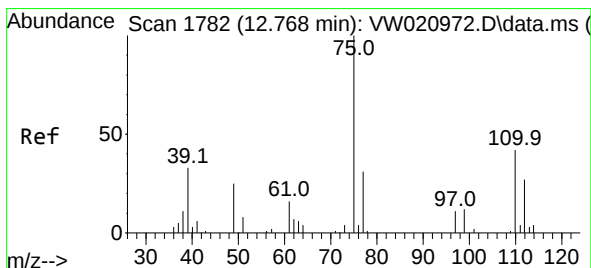
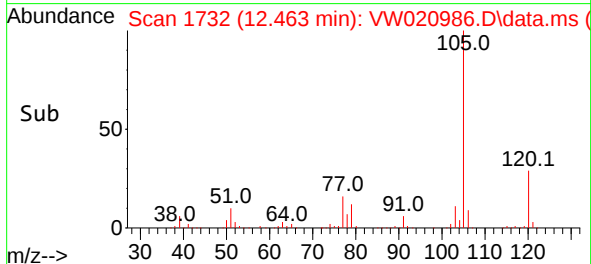
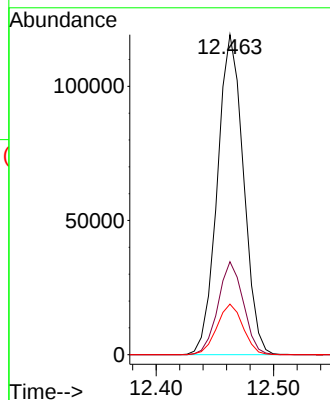
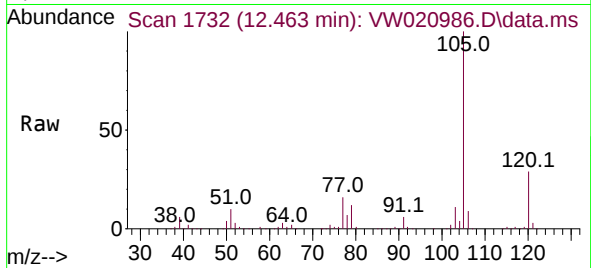




#60
Isopropylbenzene
Concen: 25.000 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

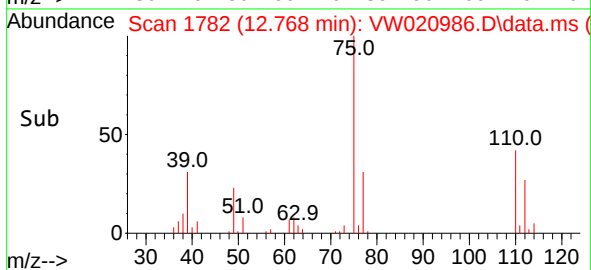
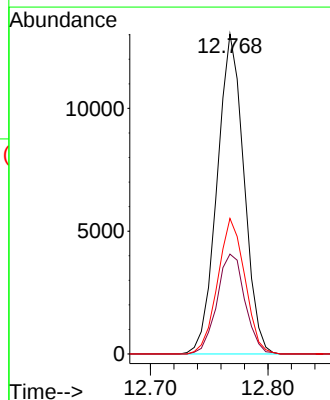
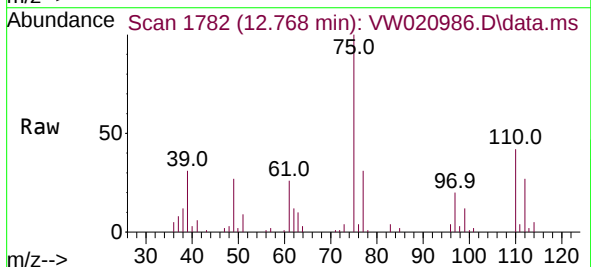
Instrument :
MSVOA_W
ClientSampleId :

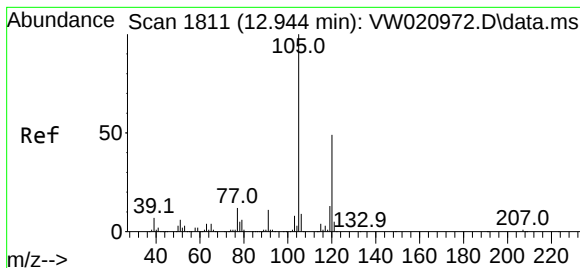
Tgt Ion:105 Resp: 184476
Ion Ratio Lower Upper
105 100
120 28.1 20.1 30.1
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.993 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion: 75 Resp: 20656
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 42.9 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 24.937 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW020986.D

Acq: 30 Nov 2021 13:43

Instrument :

MSVOA_W

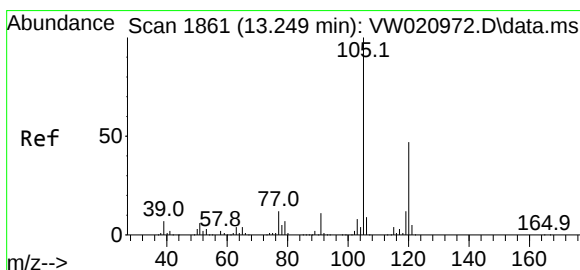
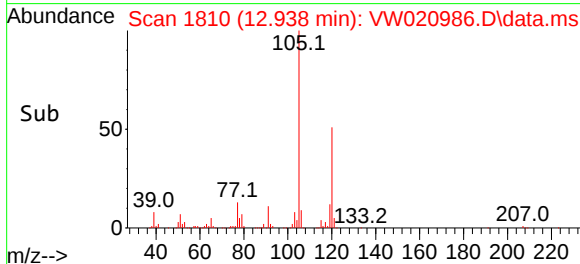
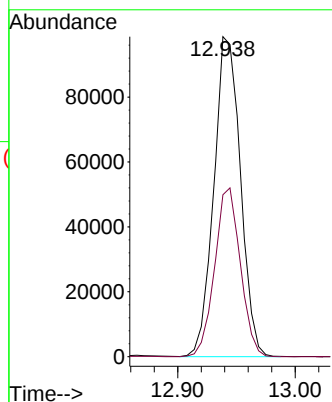
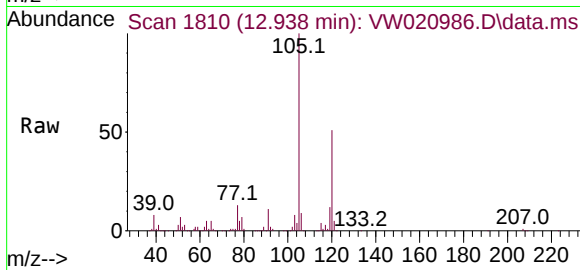
ClientSampleId :

Tgt Ion:105 Resp: 155232

Ion Ratio Lower Upper

105 100

120 50.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.124 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020986.D

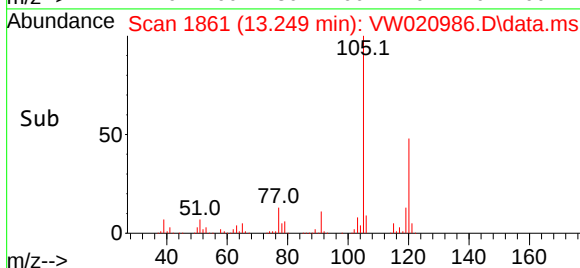
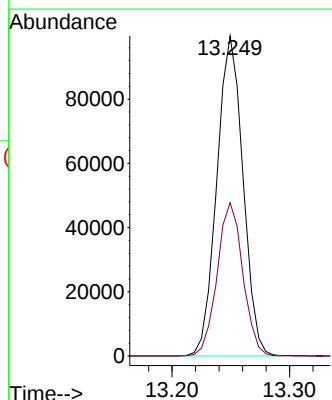
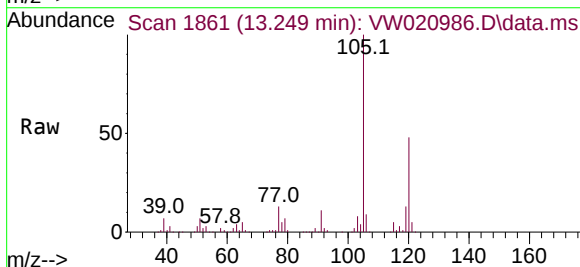
Acq: 30 Nov 2021 13:43

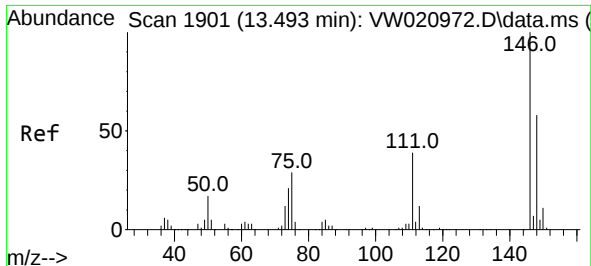
Tgt Ion:105 Resp: 154306

Ion Ratio Lower Upper

105 100

120 47.0 35.0 52.6

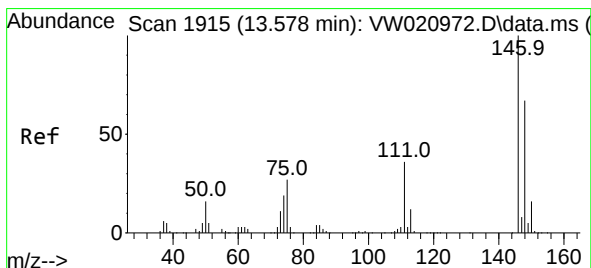
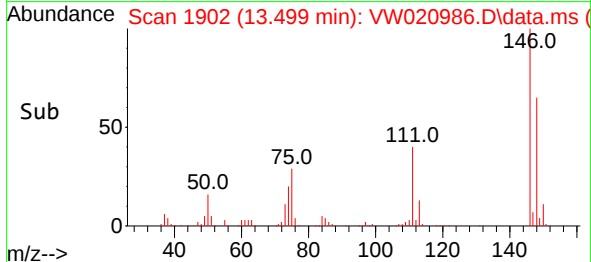
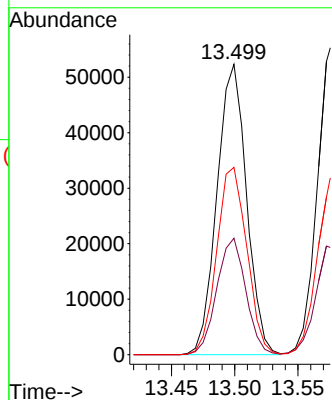
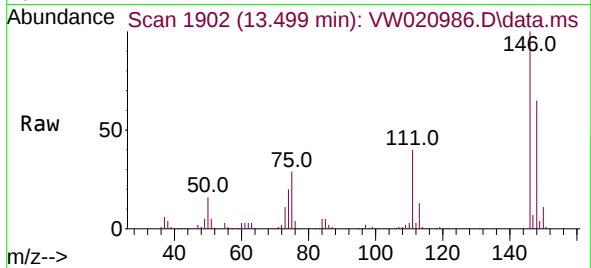




#64
1,3-Dichlorobenzene
Concen: 24.605 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

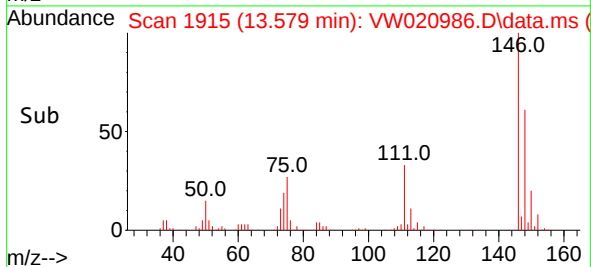
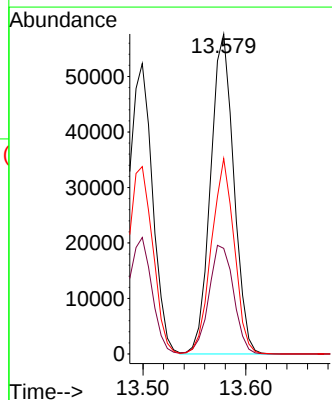
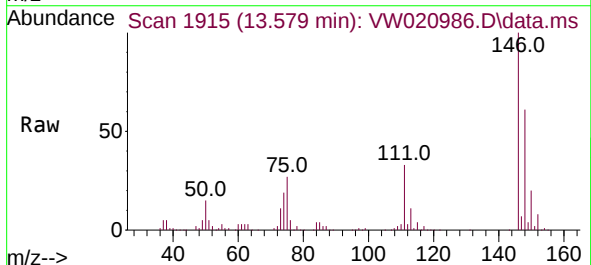
Instrument :
MSVOA_W
ClientSampleId :

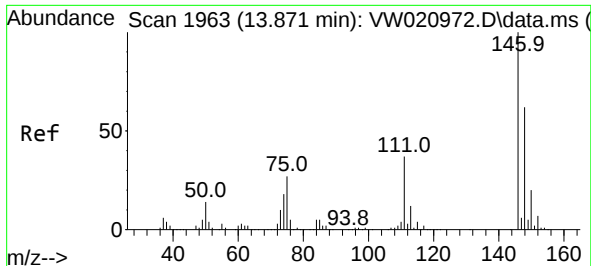
Tgt Ion:146 Resp: 85122
Ion Ratio Lower Upper
146 100
111 40.1 29.8 55.3
148 64.5 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.903 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion:146 Resp: 90396
Ion Ratio Lower Upper
146 100
111 33.0 29.0 53.9
148 61.0 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.968 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW020986.D

Acq: 30 Nov 2021 13:43

Instrument :

MSVOA_W

ClientSampleId :

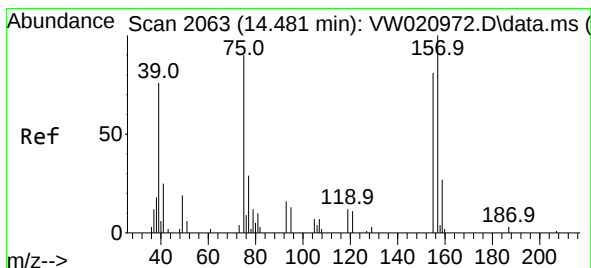
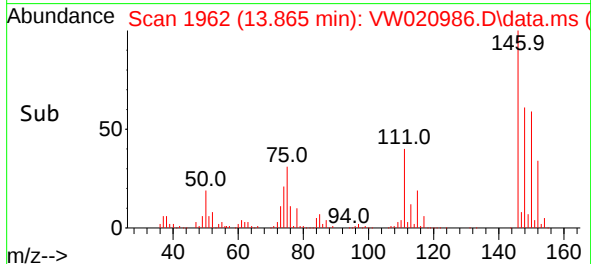
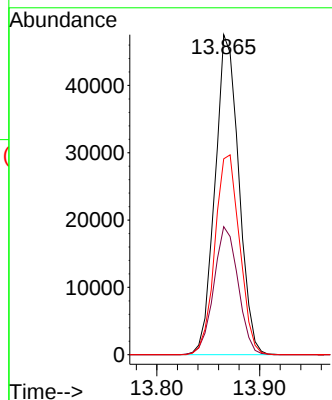
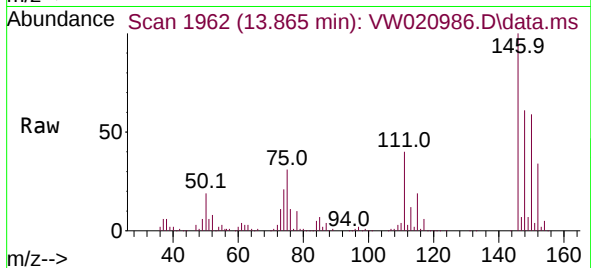
Tgt Ion:146 Resp: 76117

Ion Ratio Lower Upper

146 100

111 40.0 33.1 49.7

148 61.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.949 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020986.D

Acq: 30 Nov 2021 13:43

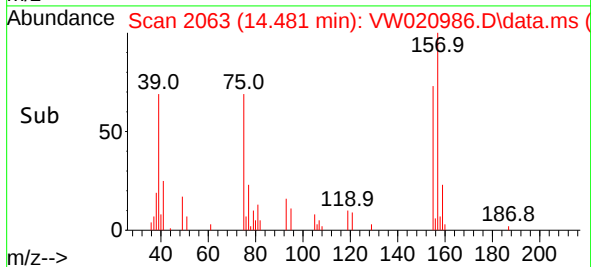
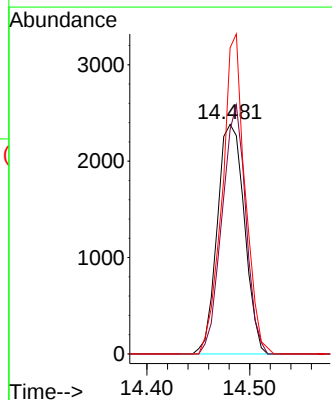
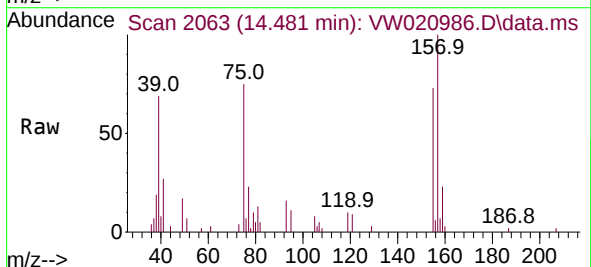
Tgt Ion: 75 Resp: 4360

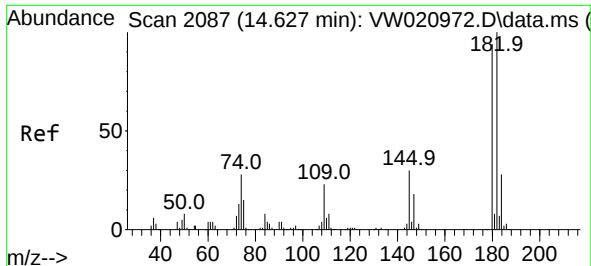
Ion Ratio Lower Upper

75 100

155 97.8 54.2 81.2#

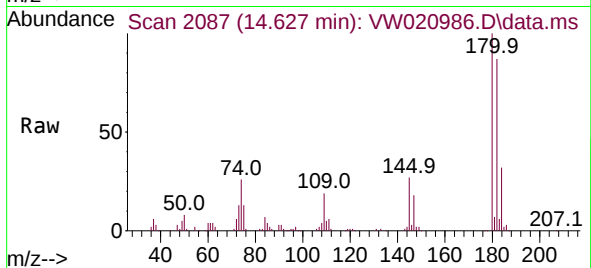
157 133.4 69.4 104.2#



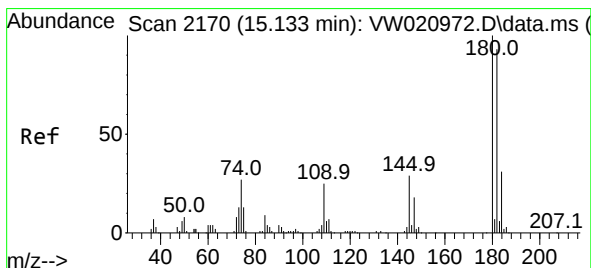
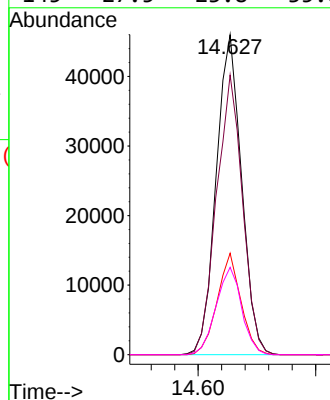
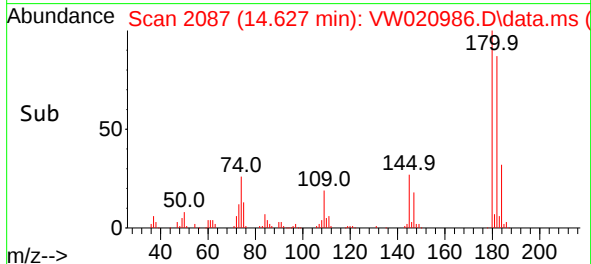


#69
 1,3,5-Trichlorobenzene
 Concen: 25.165 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW020986.D
 Acq: 30 Nov 2021 13:43

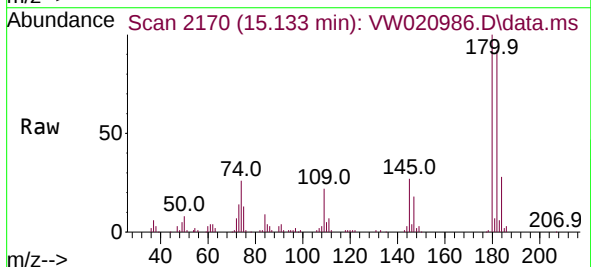
Instrument :
 MSVOA_W
 ClientSampleId :



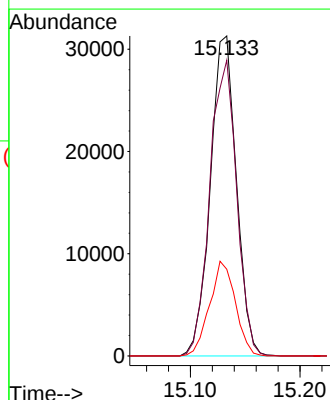
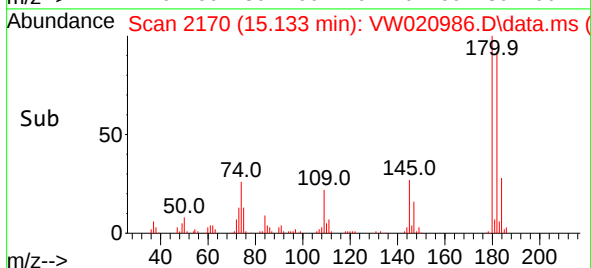
Tgt Ion:180 Resp: 68954
 Ion Ratio Lower Upper
 180 100
 182 89.5 75.4 113.0
 184 29.7 23.8 35.8
 145 27.5 23.8 35.8

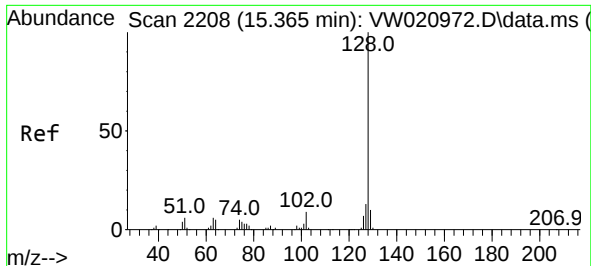


#70
 1,2,4-trichlorobenzene
 Concen: 23.099 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW020986.D
 Acq: 30 Nov 2021 13:43



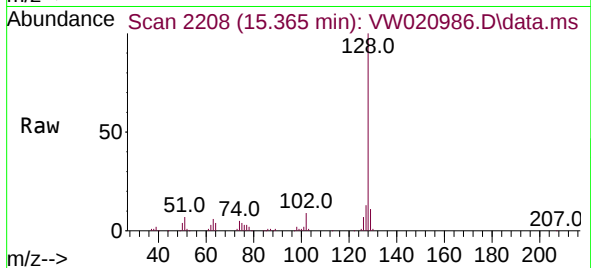
Tgt Ion:180 Resp: 51782
 Ion Ratio Lower Upper
 180 100
 182 95.1 79.0 118.6
 145 29.3 26.0 39.0



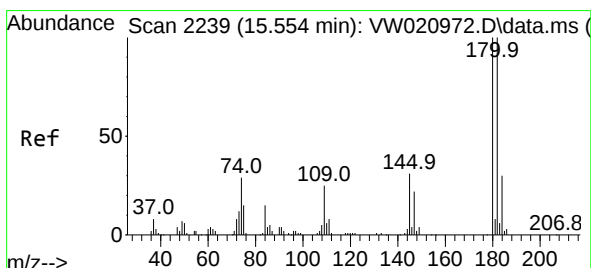
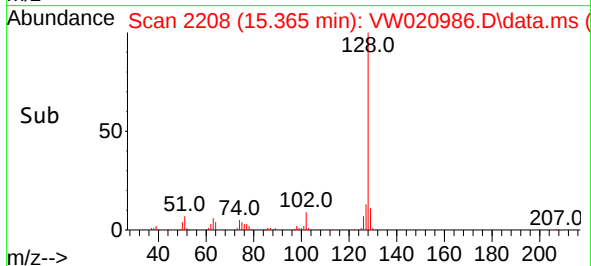
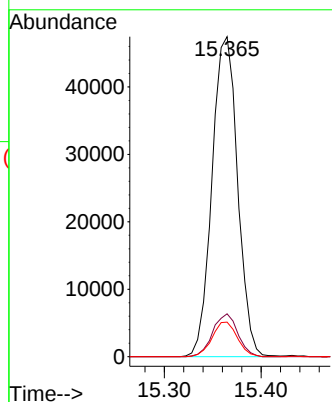


#71
Naphthalene
Concen: 23.899 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 87297
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 22.885 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW020986.D
Acq: 30 Nov 2021 13:43

Tgt Ion:180 Resp: 43291
Ion Ratio Lower Upper
180 100
182 90.8 76.6 114.8
145 32.8 27.4 41.0

