

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021970.D
 Acq On : 17 Jan 2022 13:22
 Operator : SY/VA
 Sample : N1129-04MS
 Misc : 5.96g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBLZ8MS

Quant Time: Jan 18 00:38:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 18 00:36:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	130716	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	103316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	36317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39358	16.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.800%
7) Chloroethane-d5	2.885	69	33273	15.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.680%
11) 1,1-Dichloroethene-d2	4.019	63	73939	19.277	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.120%
21) 2-Butanone-d5	7.080	46	15865	46.264	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.520%
24) Chloroform-d	7.653	84	92109	21.812	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.240%
26) 1,2-Dichloroethane-d4	8.305	65	43463	21.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.240%
32) Benzene-d6	8.281	84	166954	24.904	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	9.274	67	47226	26.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.920%
41) Toluene-d8	10.323	98	151412	22.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	10.579	79	15577	20.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.040%
47) 2-Hexanone-d5	10.921	63	12344	51.484	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.960%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31457	22.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	31290	20.954	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	10565	20.502	ug/L	94
3) Chloromethane	2.215	50	36897	19.748	ug/L	99
5) Vinyl chloride	2.361	62	55769	20.778	ug/L	100
6) Bromomethane	2.776	94	26756	14.098	ug/L	100
8) Chloroethane	2.922	64	29103	17.942	ug/L	99
9) Trichlorofluoromethane	3.257	101	42809	21.463	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	44801	20.636	ug/L	# 80
12) 1,1-Dichloroethene	4.038	96	42087	21.571	ug/L	77
13) Acetone	4.129	43	13273	46.849	ug/L	85
14) Carbon disulfide	4.385	76	98519	19.286	ug/L	98
15) Methyl Acetate	4.678	43	7051	12.314	ug/L	97
16) Methylene chloride	4.915	84	42316	18.916	ug/L	77
17) trans-1,2-Dichloroethene	5.428	96	44763	21.232	ug/L	79
18) Methyl tert-butyl Ether	5.428	73	66695	24.807	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	72894	23.576	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	47806	22.042	ug/L	68
22) 2-Butanone	7.171	43	18502	51.091	ug/L	80
23) Bromochloromethane	7.513	128	22798	21.125	ug/L	# 58
25) Chloroform	7.677	83	81009	22.144	ug/L	97

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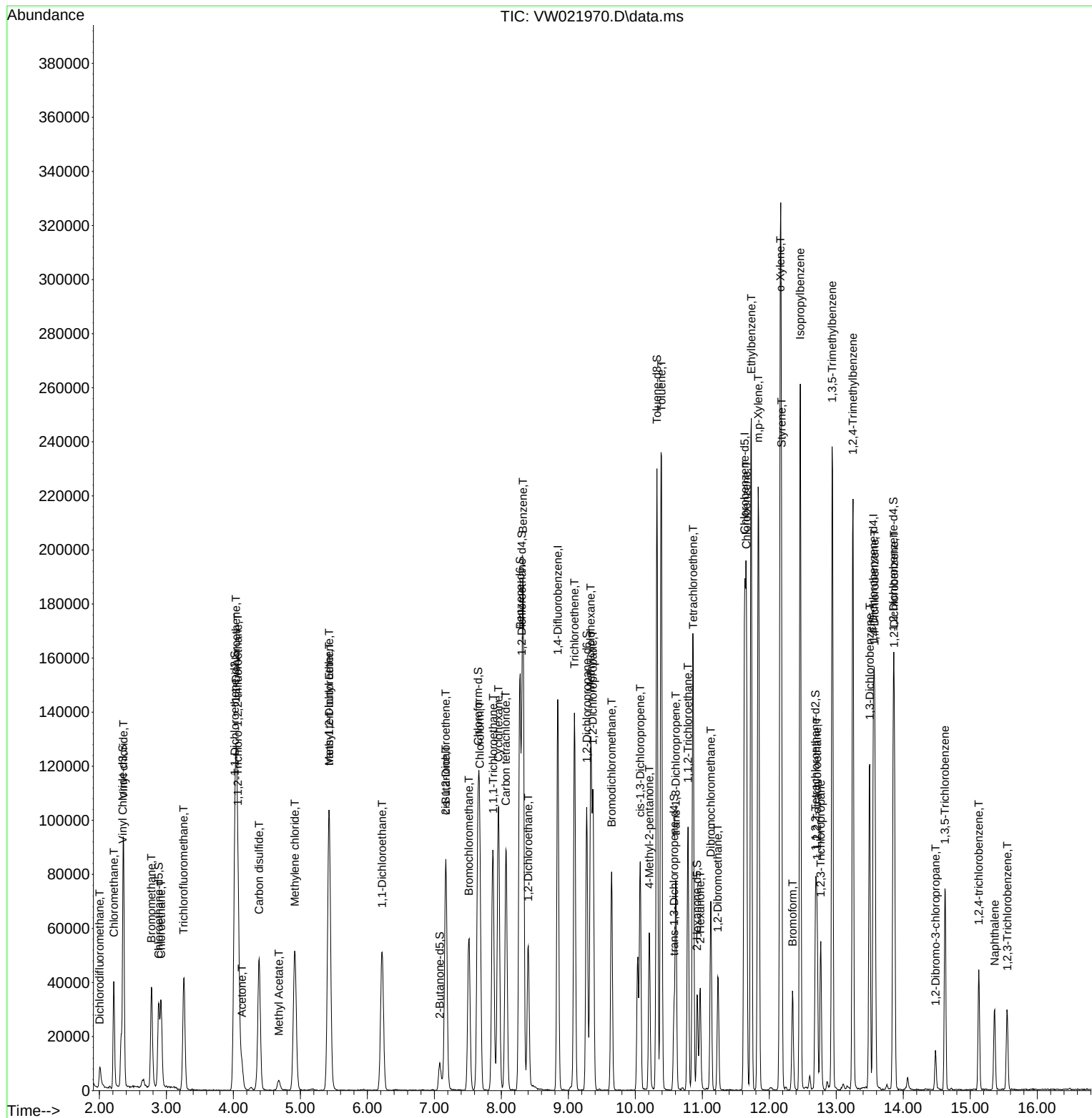
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	47316	22.335	ug/L #	89
29) Cyclohexane	7.958	56	57103	24.706	ug/L #	76
30) 1,1,1-Trichloroethane	7.878	97	74319	27.752	ug/L #	92
31) Carbon tetrachloride	8.067	117	67970	26.192	ug/L	98
33) Benzene	8.323	78	169976	26.830	ug/L	100
34) Trichloroethene	9.092	95	46601	25.355	ug/L	91
35) Methylcyclohexane	9.335	83	56828	18.802	ug/L #	80
37) 1,2-Dichloropropane	9.366	63	38810	28.120	ug/L #	94
38) Bromodichloromethane	9.646	83	52564	27.283	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	49683	23.168	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	35352	54.528	ug/L #	87
42) Toluene	10.390	91	179991	25.332	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	39968	22.267	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	30286	25.846	ug/L	94
46) Tetrachloroethene	10.866	164	40188	22.112	ug/L	91
48) 2-Hexanone	10.969	43	23165	52.222	ug/L #	89
49) Dibromochloromethane	11.128	129	36319	24.599	ug/L	100
50) 1,2-Dibromoethane	11.231	107	27585	23.716	ug/L #	89
51) Chlorobenzene	11.658	112	105690	21.067	ug/L	89
52) Ethylbenzene	11.731	91	181584	23.005	ug/L	91
53) m,p-Xylene	11.835	106	76948	23.314	ug/L	82
54) o-Xylene	12.164	106	72160	23.550	ug/L	88
55) Styrene	12.182	104	93724	18.527	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	27587	21.881	ug/L #	98
59) Bromoform	12.347	173	16626	33.578	ug/L #	98
60) Isopropylbenzene	12.463	105	174823	35.350	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	20959	40.383	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	132461	32.345	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	122286	30.276	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	53632	21.570	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	52954	21.569	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	45094	20.714	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	3093	30.860	ug/L #	47
69) 1,3,5-Trichlorobenzene	14.621	180	24463	13.237	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	13605	9.239	ug/L	94
71) Naphthalene	15.365	128	26670	11.741	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	10099	8.305	ug/L	97

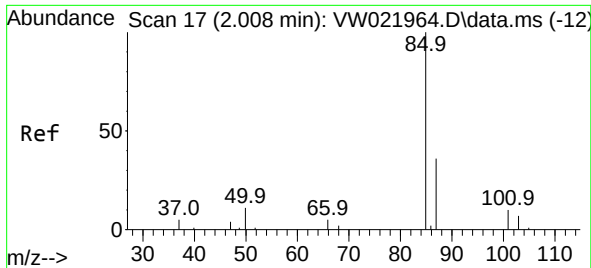
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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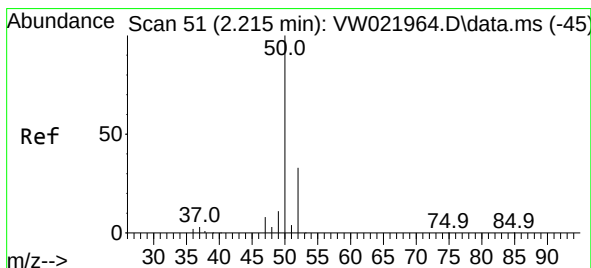
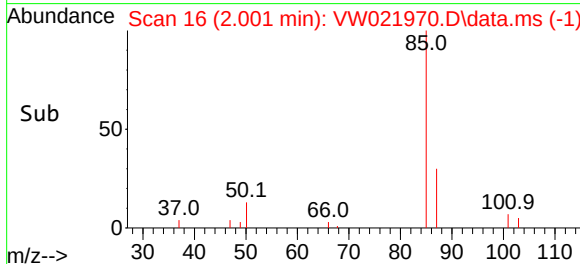
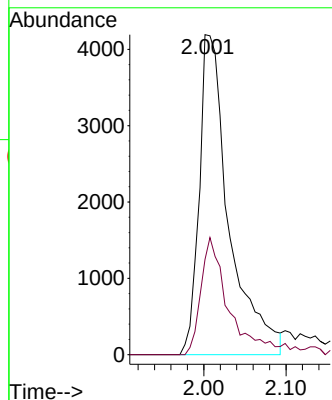
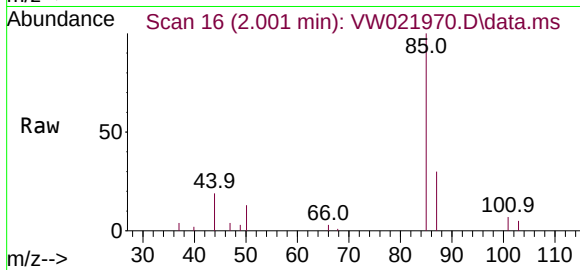




#2
Dichlorodifluoromethane
Concen: 20.502 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

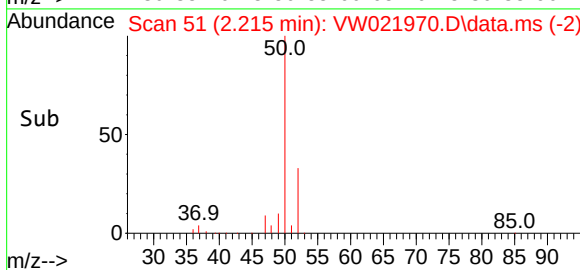
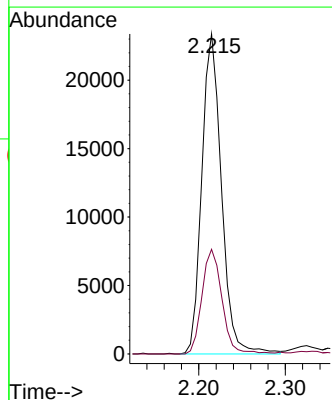
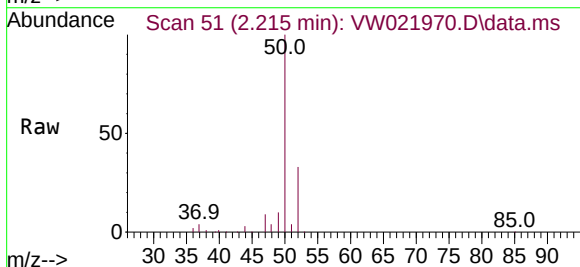
Instrument :
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ClientSampleId :
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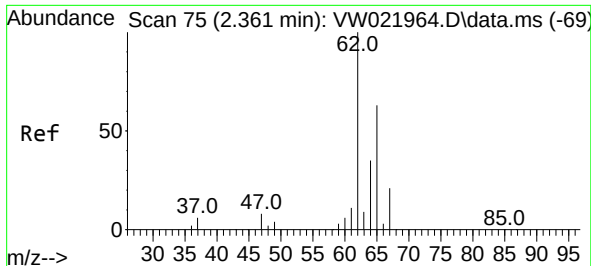
Tgt Ion: 85 Resp: 10565
Ion Ratio Lower Upper
85 100
87 28.8 25.8 38.6



#3
Chloromethane
Concen: 19.748 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion: 50 Resp: 36897
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.6

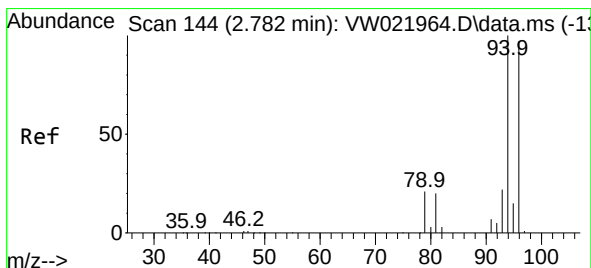
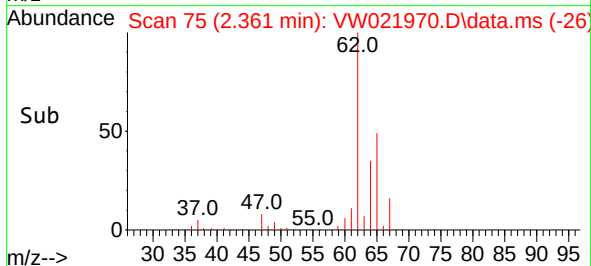
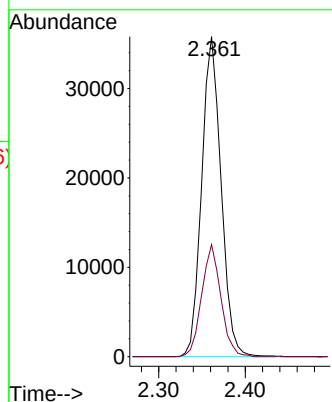
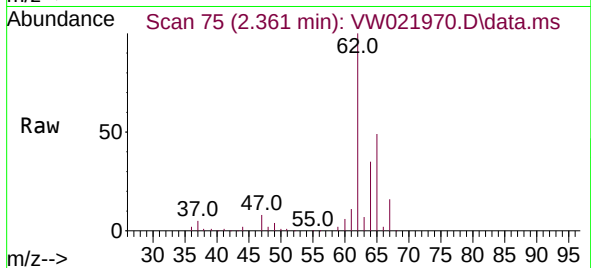




#5
 Vinyl chloride
 Concen: 20.778 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW021970.D
 Acq: 17 Jan 2022 13:22

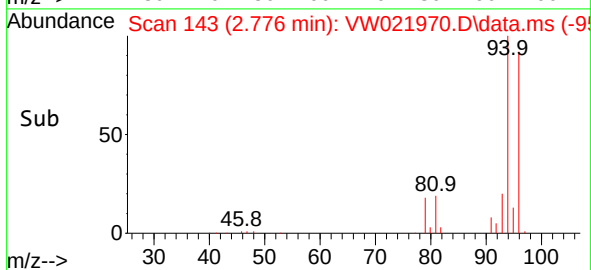
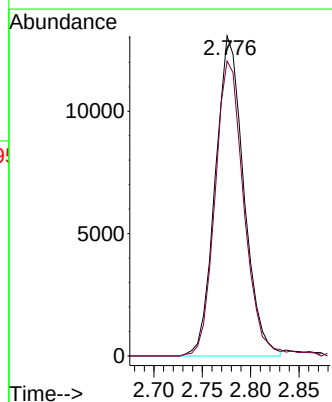
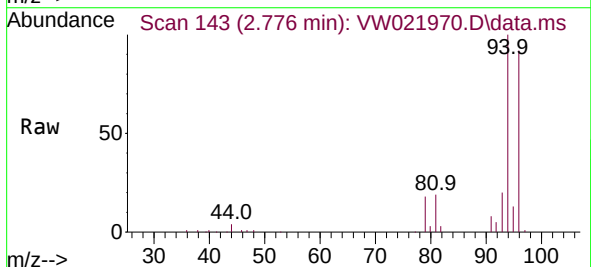
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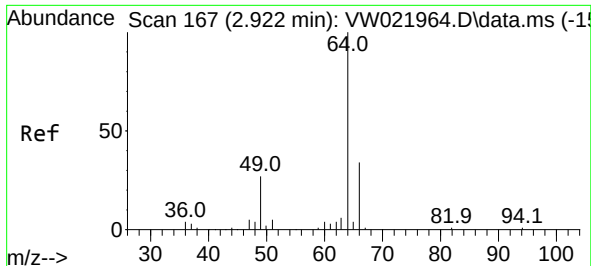
Tgt Ion: 62 Resp: 55769
 Ion Ratio Lower Upper
 62 100
 64 35.0 24.4 45.2



#6
 Bromomethane
 Concen: 14.098 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021970.D
 Acq: 17 Jan 2022 13:22

Tgt Ion: 94 Resp: 26756
 Ion Ratio Lower Upper
 94 100
 96 92.1 64.8 120.4

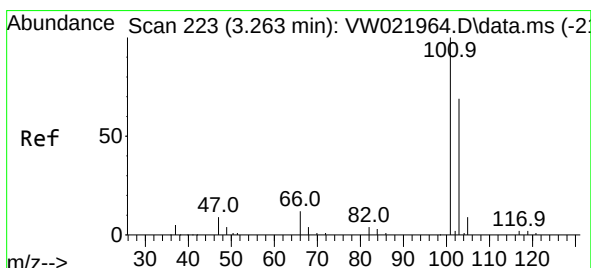
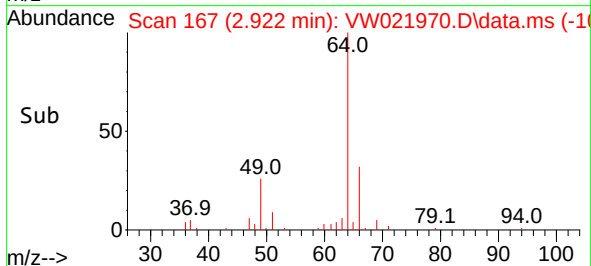
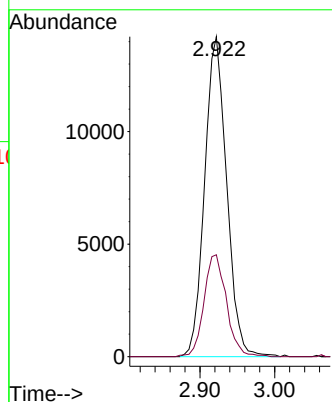
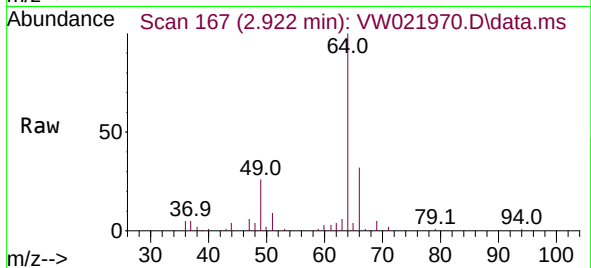




#8
Chloroethane
Concen: 17.942 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

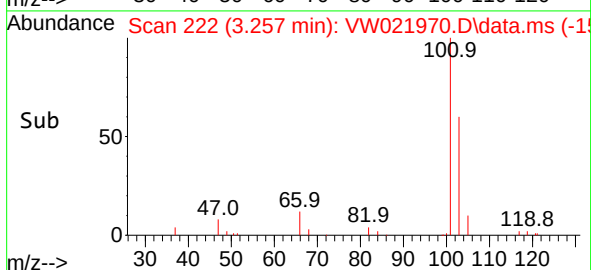
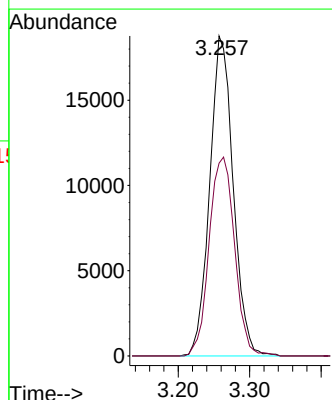
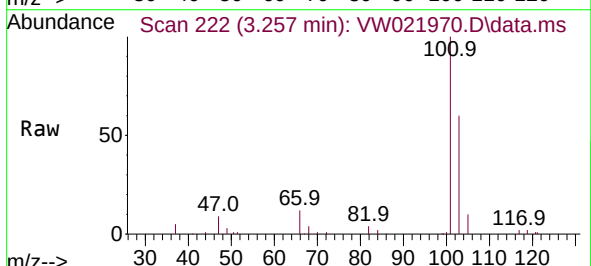
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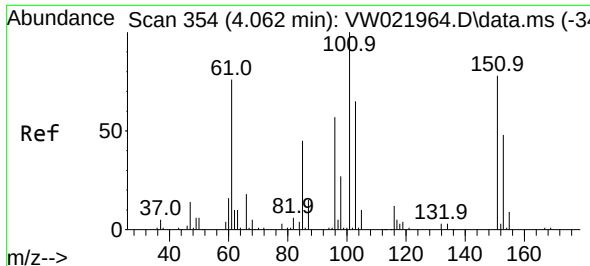
Tgt Ion: 64 Resp: 29103
Ion Ratio Lower Upper
64 100
66 31.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.463 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion: 101 Resp: 42809
Ion Ratio Lower Upper
101 100
103 66.9 51.4 77.2

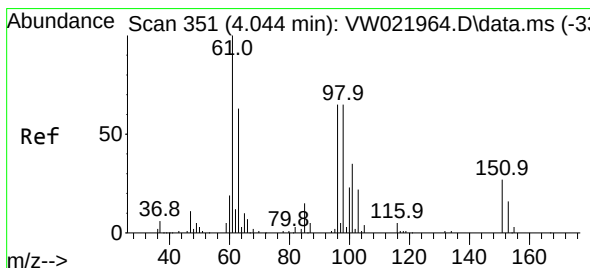
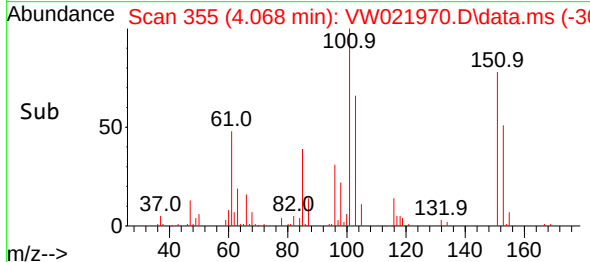
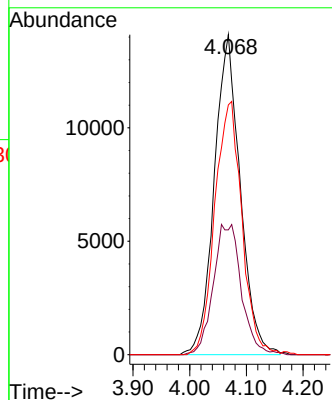
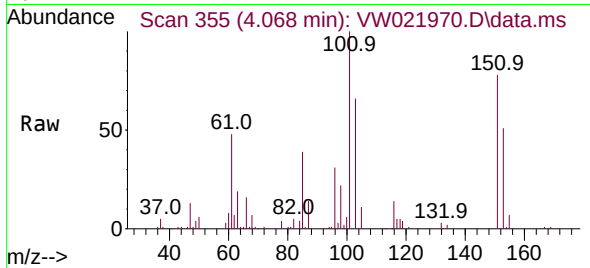




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.636 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW021970.D
 Acq: 17 Jan 2022 13:22

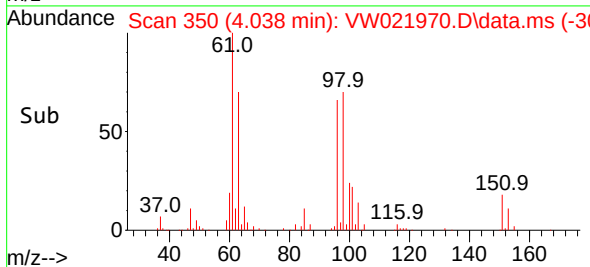
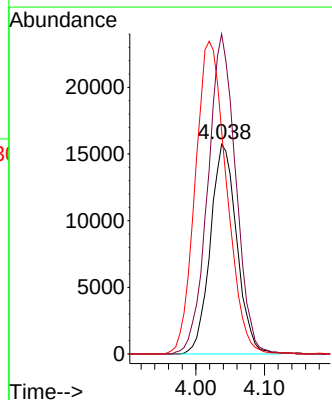
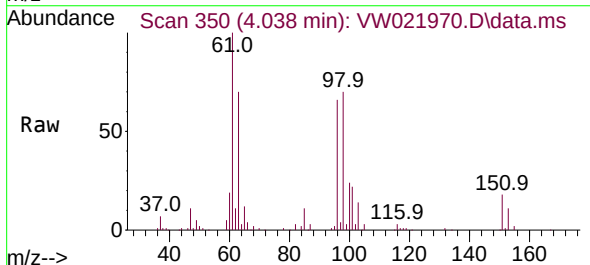
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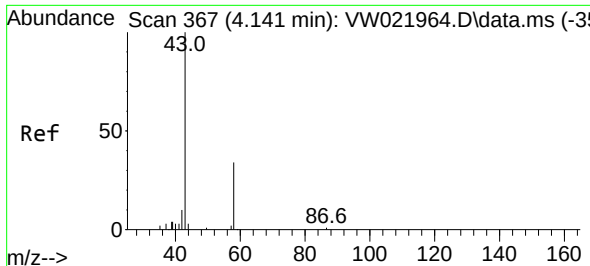
Tgt Ion:101 Resp: 44801
 Ion Ratio Lower Upper
 101 100
 85 25.2 36.6 54.8#
 151 82.2 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 21.571 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021970.D
 Acq: 17 Jan 2022 13:22

Tgt Ion: 96 Resp: 42087
 Ion Ratio Lower Upper
 96 100
 61 152.6 138.3 256.9
 63 106.3 82.6 153.4

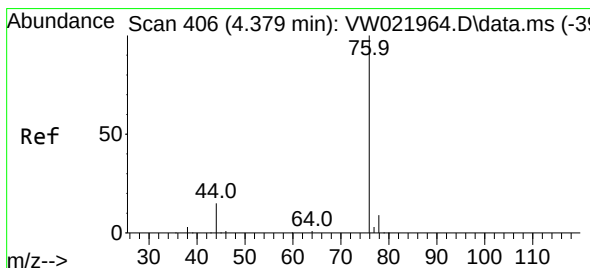
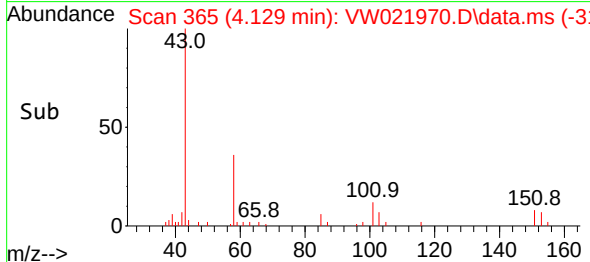
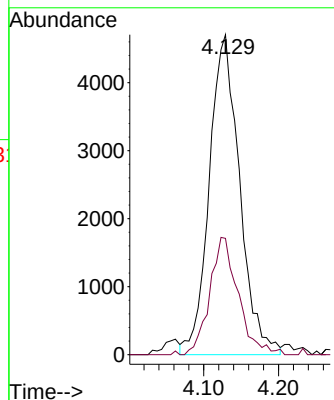
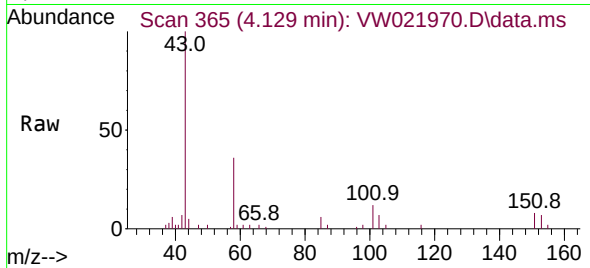




#13
Acetone
Concen: 46.849 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

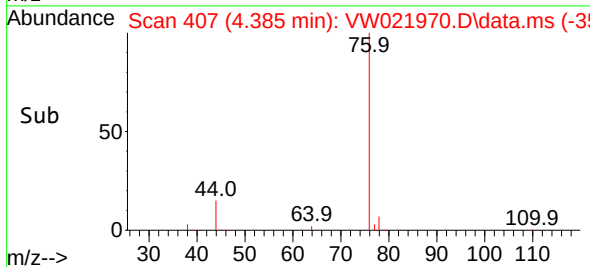
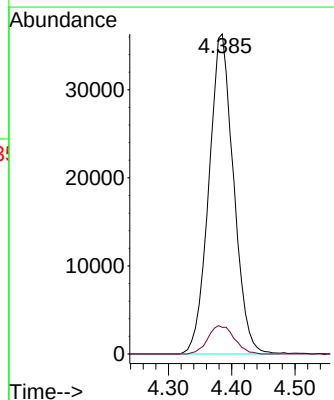
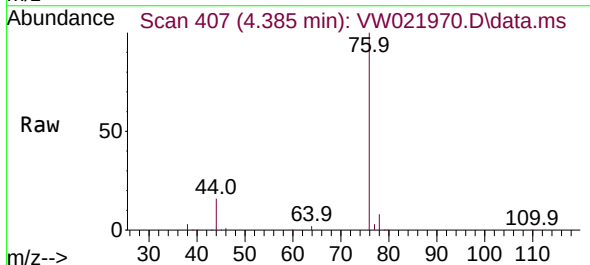
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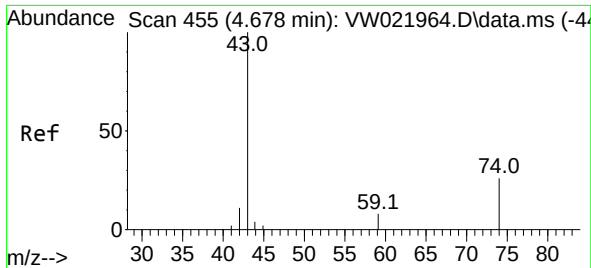
Tgt Ion: 43 Resp: 13273
Ion Ratio Lower Upper
43 100
58 34.0 0.0 52.8



#14
Carbon disulfide
Concen: 19.286 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW021970.D
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Tgt Ion: 76 Resp: 98519
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7

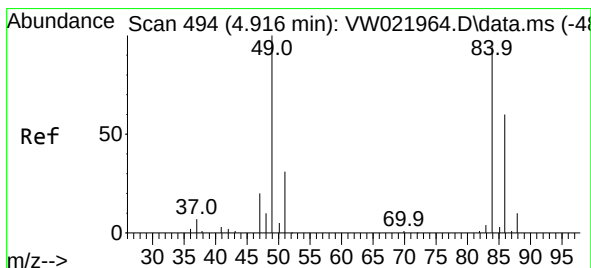
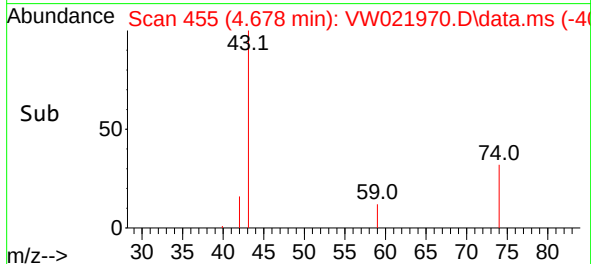
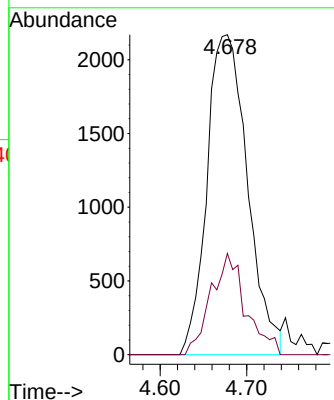
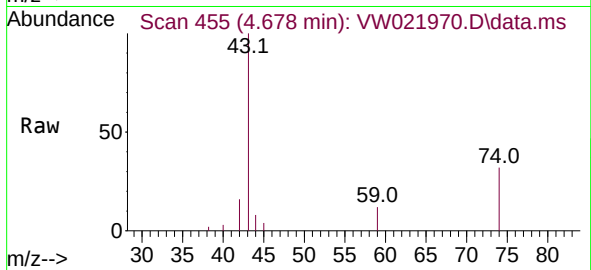




#15
Methyl Acetate
Concen: 12.314 ug/L
RT: 4.678 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

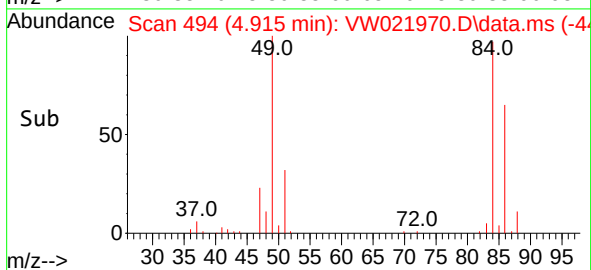
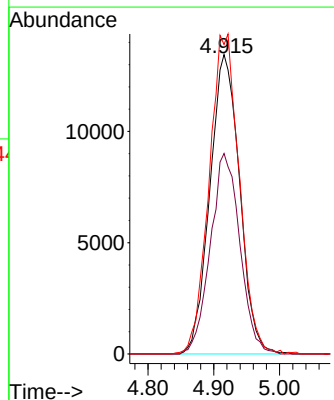
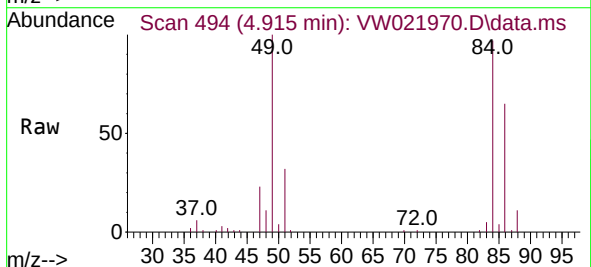
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

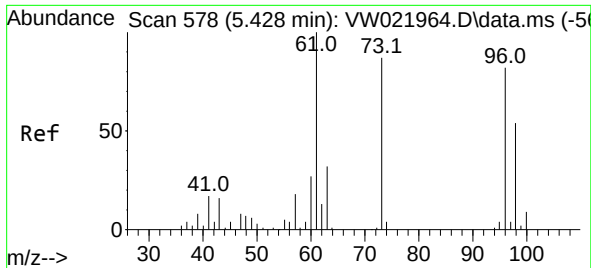
Tgt Ion: 43 Resp: 7051
Ion Ratio Lower Upper
43 100
74 22.1 16.4 24.6



#16
Methylene chloride
Concen: 18.916 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion: 84 Resp: 42316
Ion Ratio Lower Upper
84 100
86 67.0 45.5 84.5
49 103.4 100.5 186.7

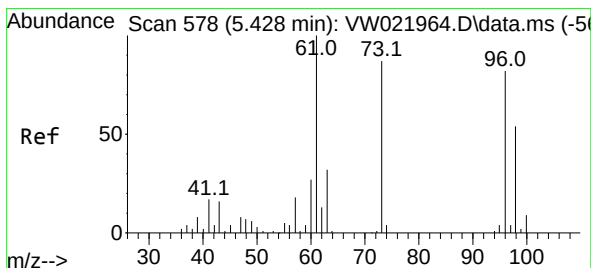
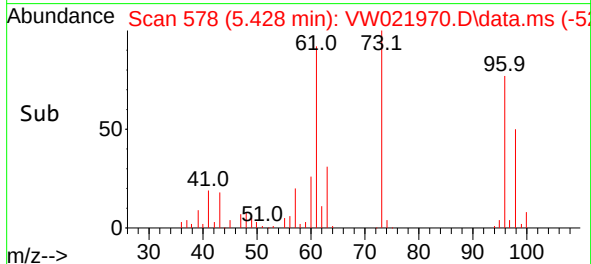
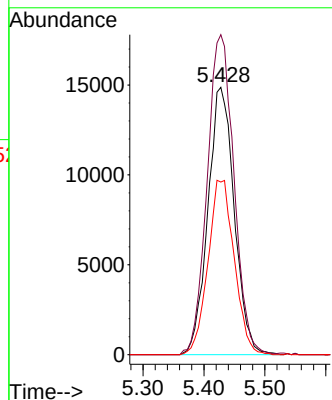
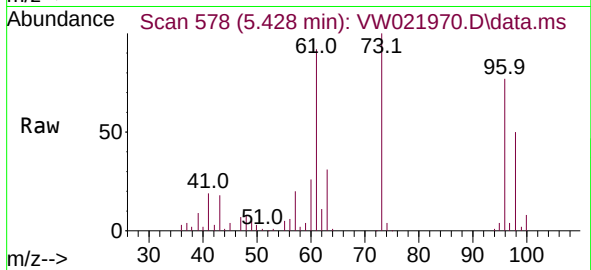




#17
trans-1,2-Dichloroethene
Concen: 21.232 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

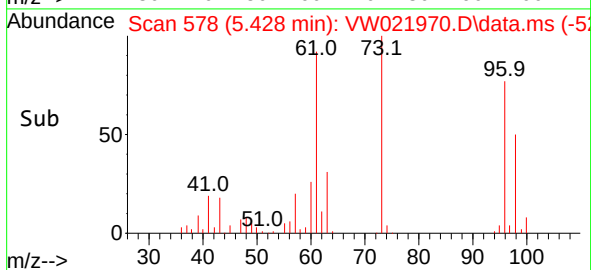
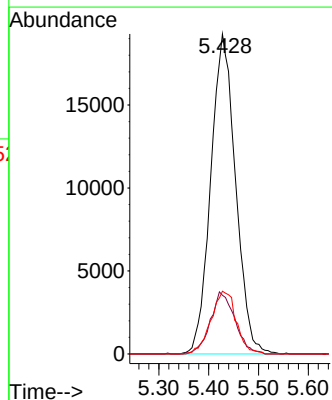
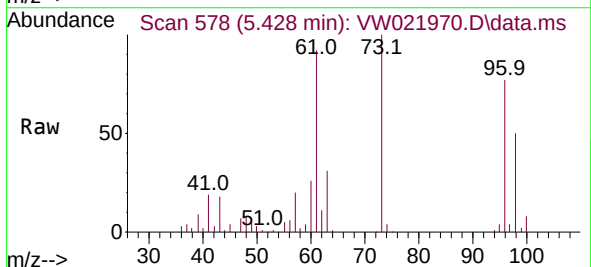
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

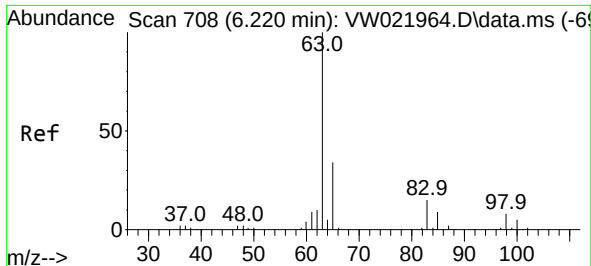
Tgt Ion: 96 Resp: 44763
Ion Ratio Lower Upper
96 100
61 119.7 107.4 199.4
98 64.5 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.807 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion: 73 Resp: 66695
Ion Ratio Lower Upper
73 100
43 19.1 19.5 29.3#
57 19.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.576 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MS

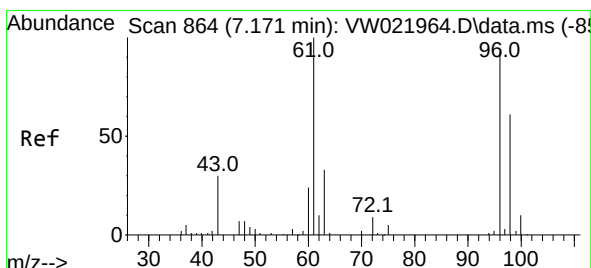
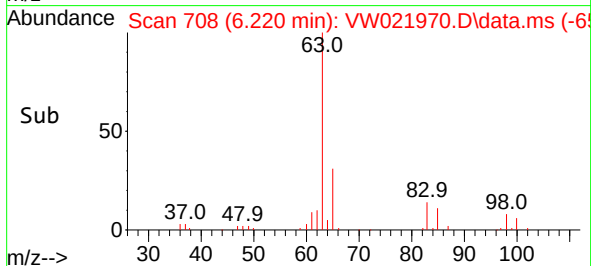
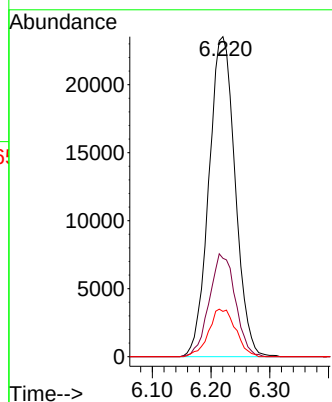
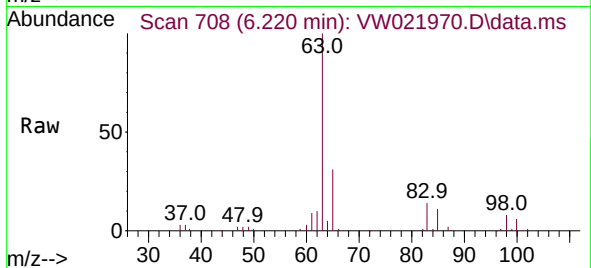
Tgt Ion: 63 Resp: 72894

Ion Ratio Lower Upper

63 100

65 30.7 22.1 41.1

83 14.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 22.042 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

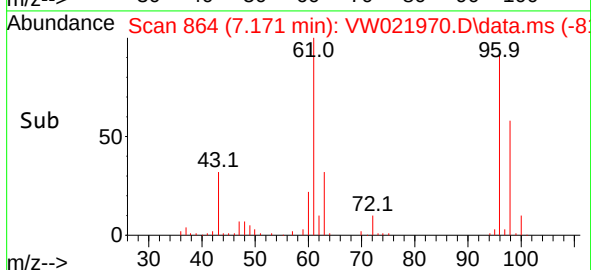
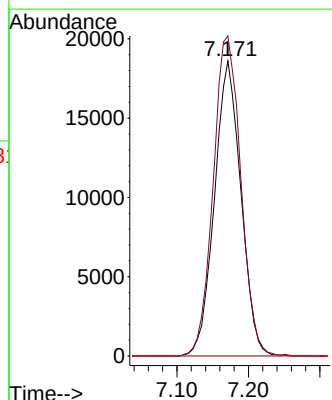
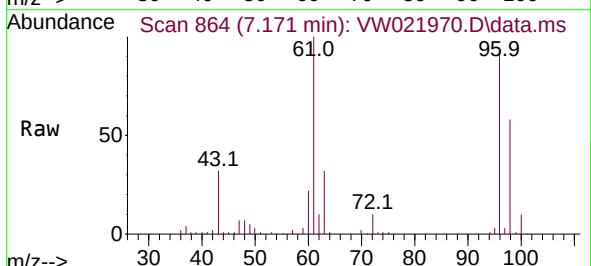
Tgt Ion: 96 Resp: 47806

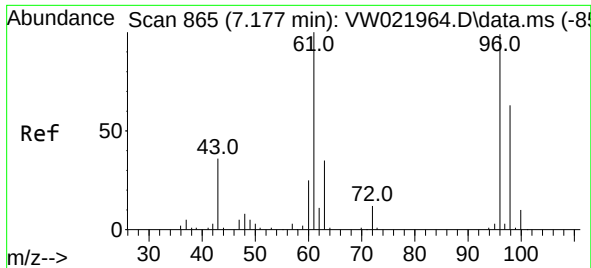
Ion Ratio Lower Upper

96 100

61 108.5 103.7 192.7

68 0.0 0.0 0.0

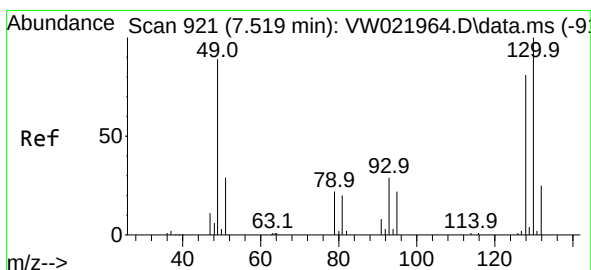
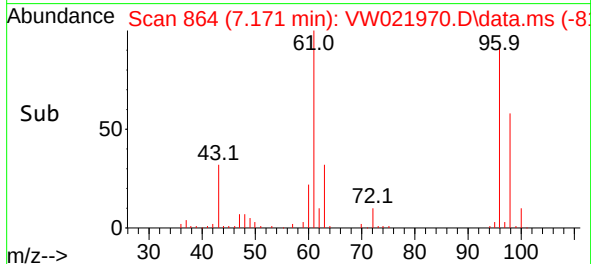
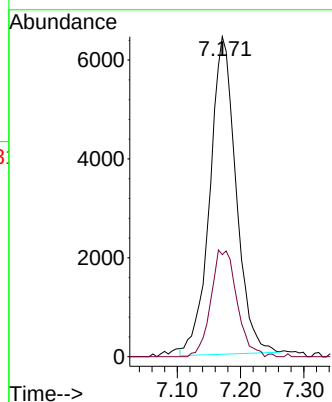
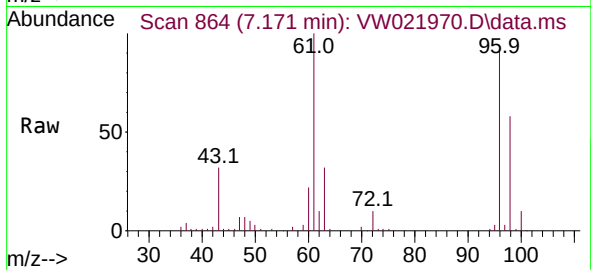




#22
2-Butanone
Concen: 51.091 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

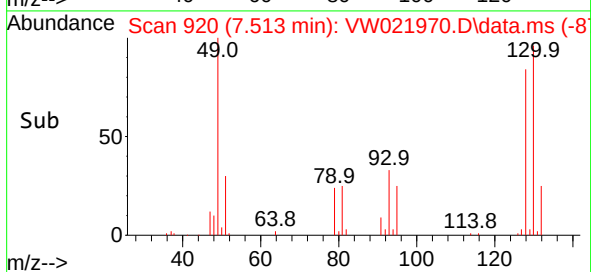
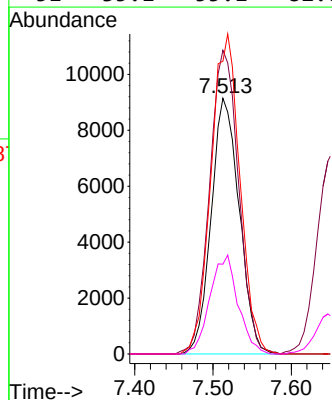
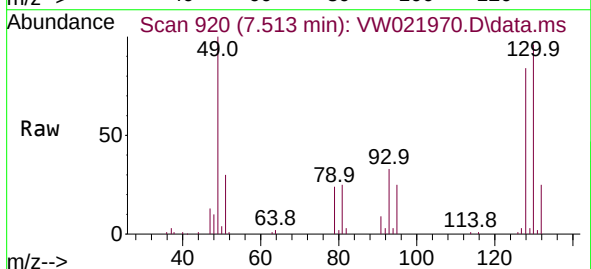
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

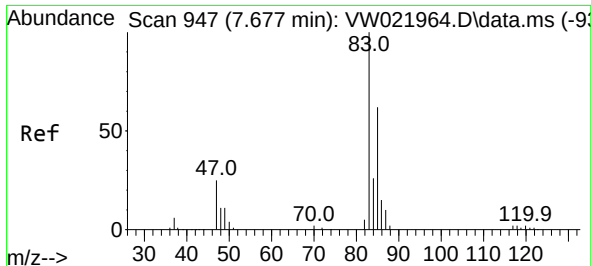
Tgt Ion: 43 Resp: 18502
Ion Ratio Lower Upper
43 100
72 33.2 11.8 35.4



#23
Bromochloromethane
Concen: 21.125 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion: 128 Resp: 22798
Ion Ratio Lower Upper
128 100
49 118.7 150.3 279.1#
130 114.5 88.3 163.9
51 35.1 55.1 82.7#

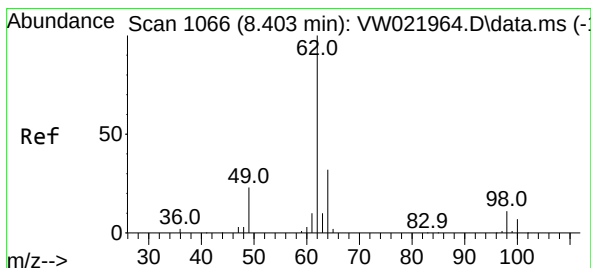
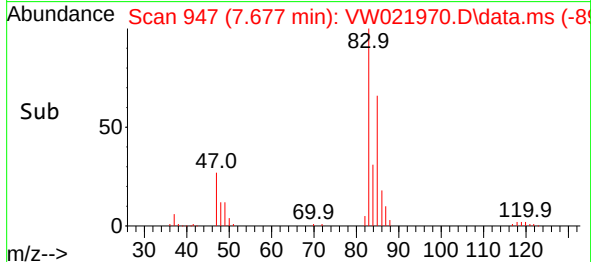
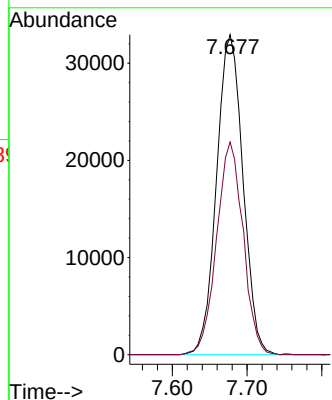
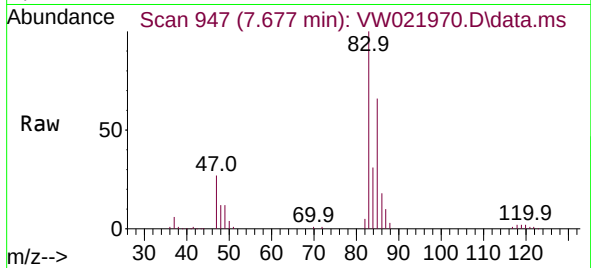




#25
Chloroform
Concen: 22.144 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

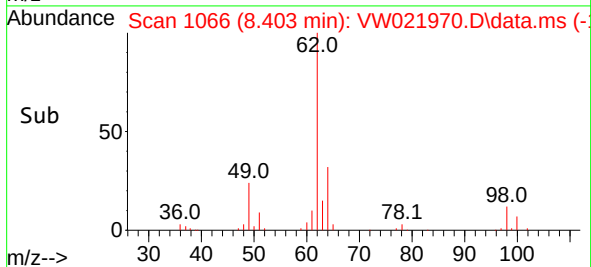
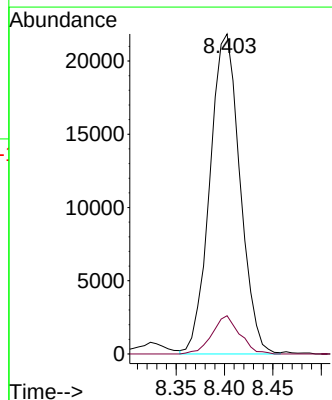
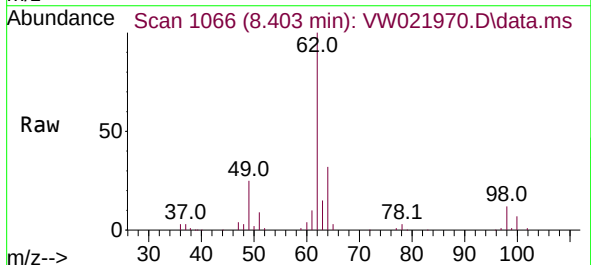
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

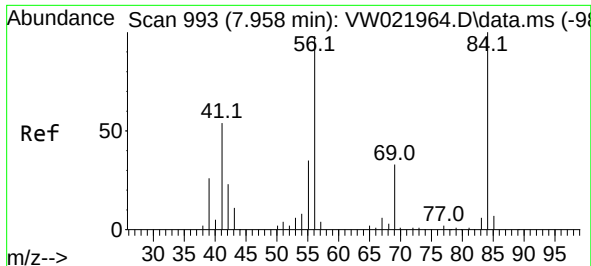
Tgt Ion: 83 Resp: 81009
Ion Ratio Lower Upper
83 100
85 66.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.335 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion: 62 Resp: 47316
Ion Ratio Lower Upper
62 100
98 12.0 6.5 9.7#

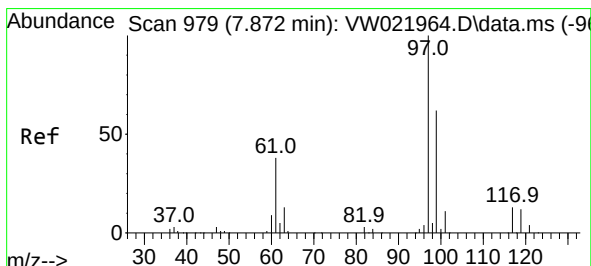
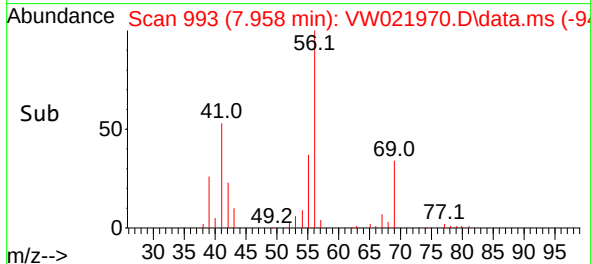
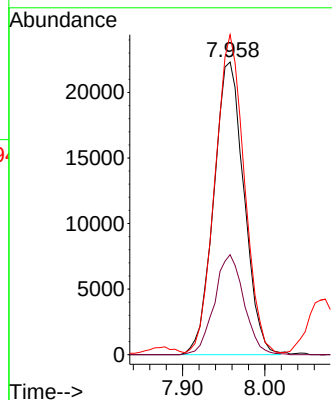
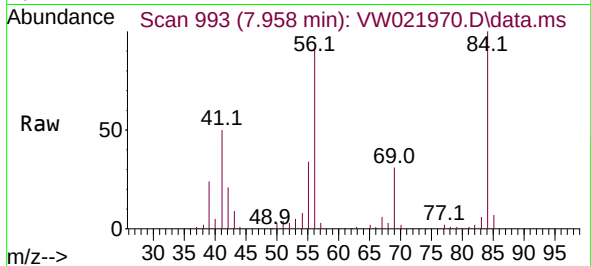




#29
Cyclohexane
Concen: 24.706 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

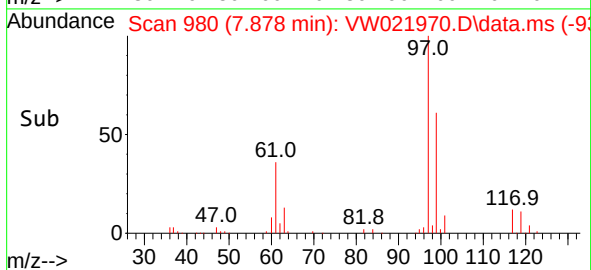
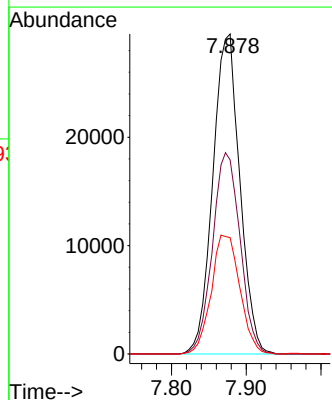
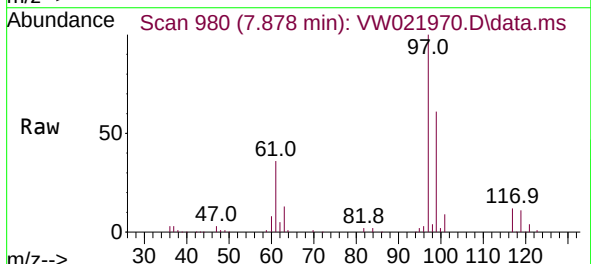
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

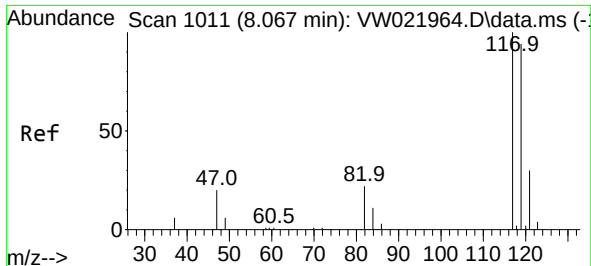
Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.3	23.5	35.3
84	106.3	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 27.752 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	39.3	40.9	61.3

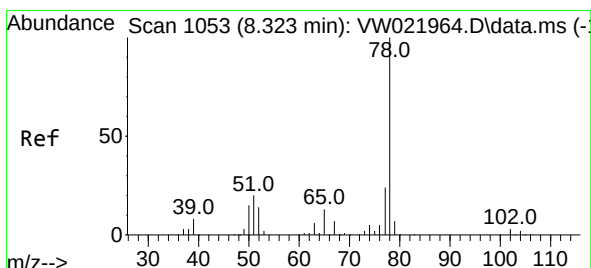
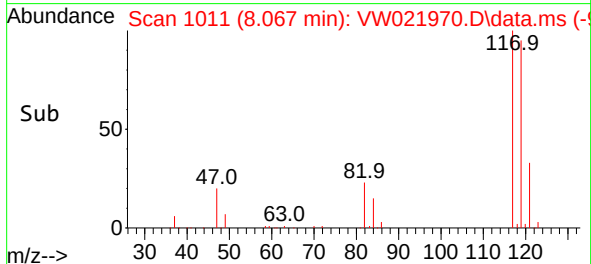
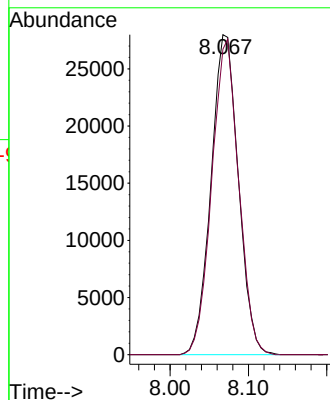
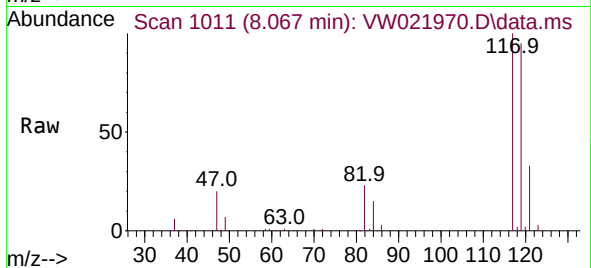




#31
Carbon tetrachloride
Concen: 26.192 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

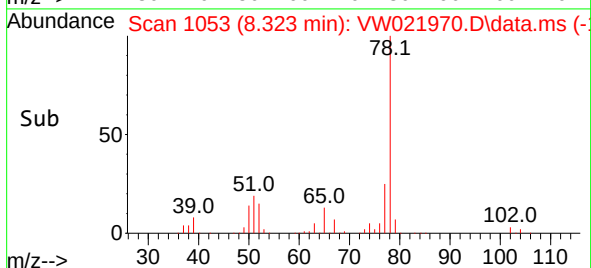
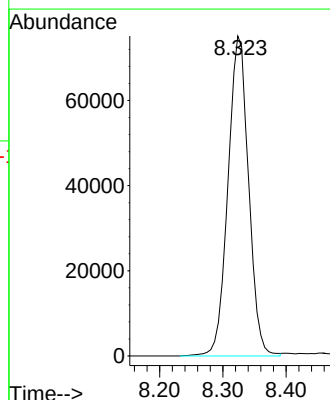
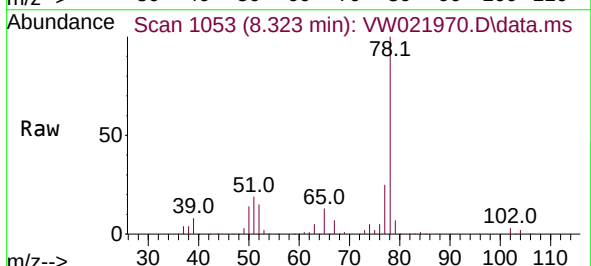
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

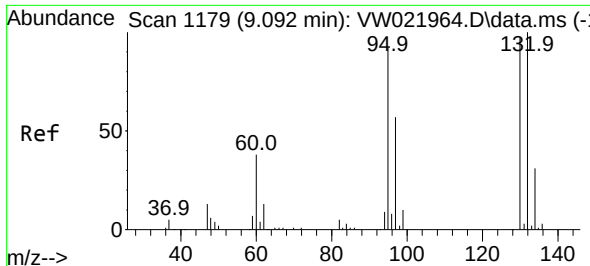
Tgt Ion:117 Resp: 67970
Ion Ratio Lower Upper
117 100
119 96.8 75.7 113.5



#33
Benzene
Concen: 26.830 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion: 78 Resp: 169976





#34

Trichloroethene

Concen: 25.355 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MS

Tgt Ion: 95 Resp: 46601

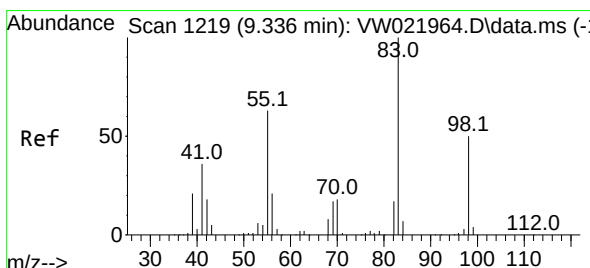
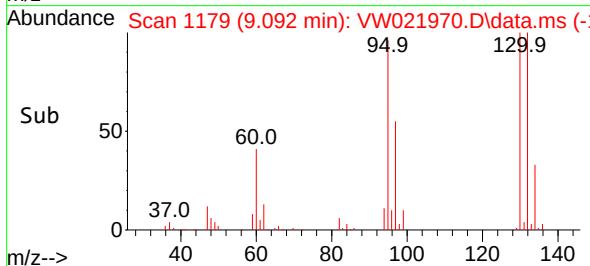
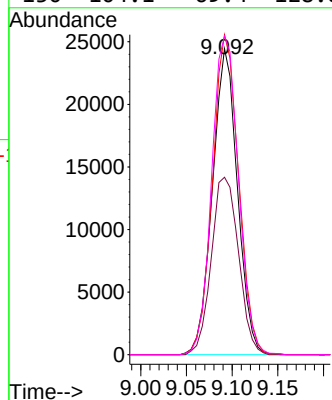
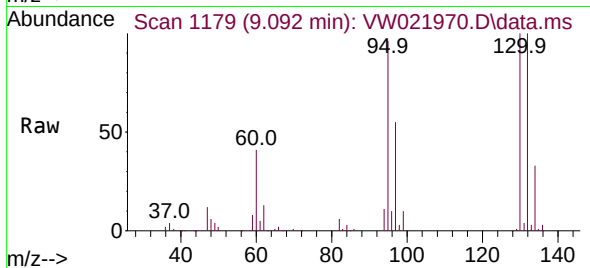
Ion Ratio Lower Upper

95 100

97 58.0 47.0 87.2

132 104.5 65.5 121.6

130 104.1 69.4 128.8



#35

Methylcyclohexane

Concen: 18.802 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

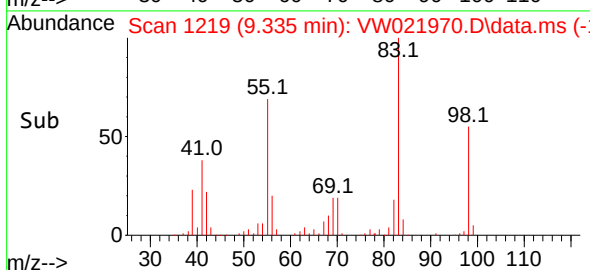
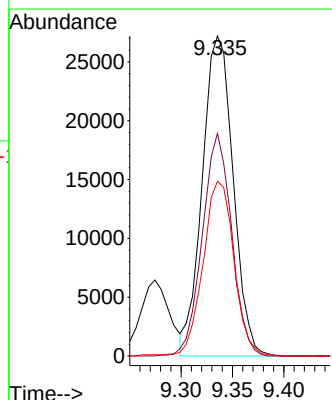
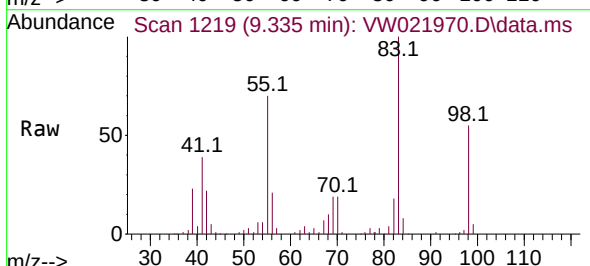
Tgt Ion: 83 Resp: 56828

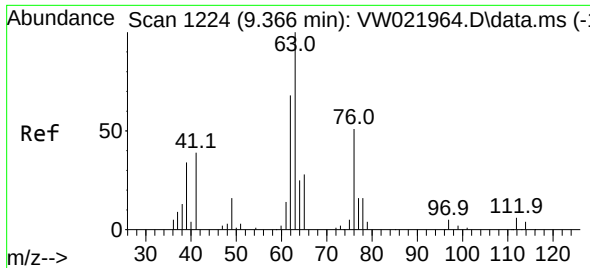
Ion Ratio Lower Upper

83 100

55 65.8 70.8 106.2#

98 54.4 37.7 56.5

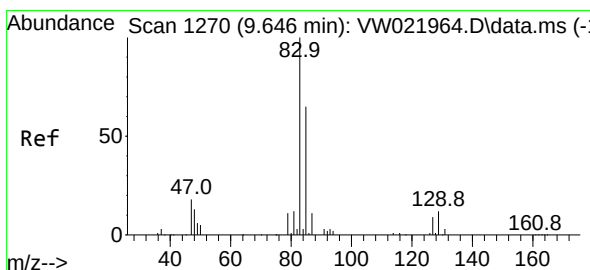
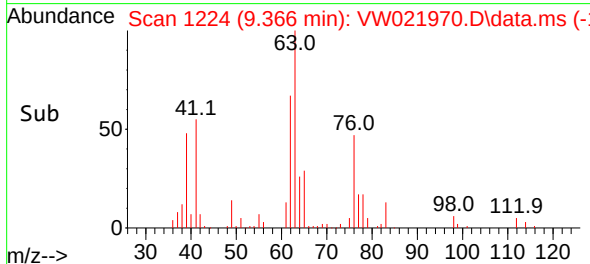
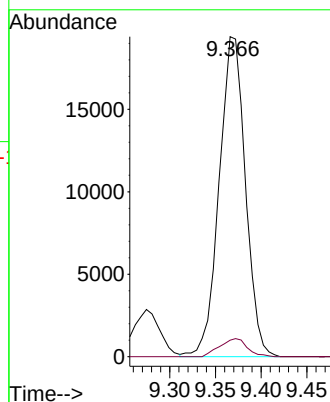
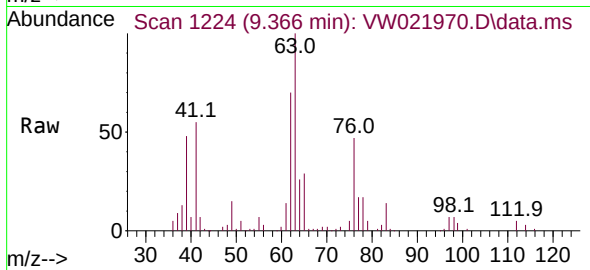




#37
1,2-Dichloropropane
Concen: 28.120 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

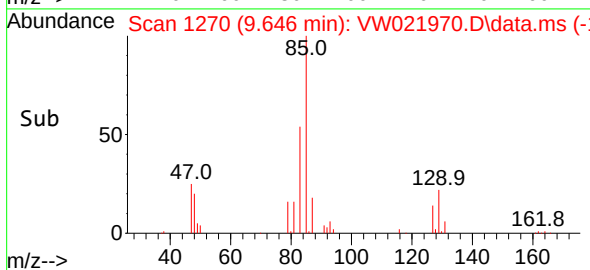
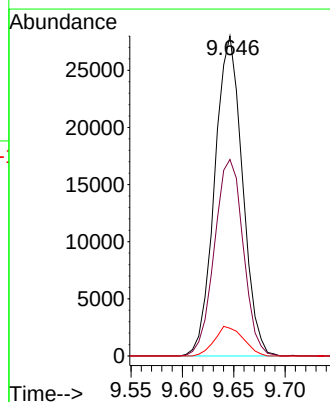
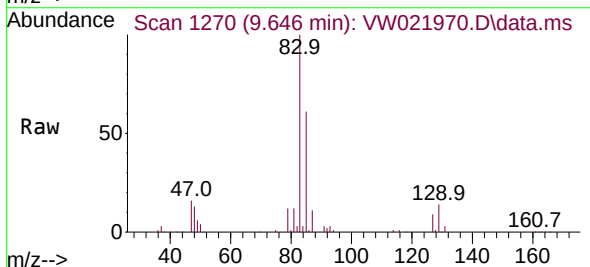
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

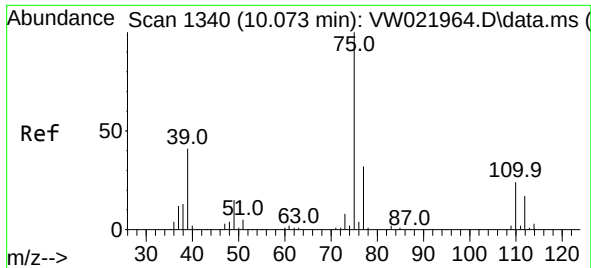
Tgt Ion: 63 Resp: 38810
Ion Ratio Lower Upper
63 100
112 5.9 3.2 4.8#



#38
Bromodichloromethane
Concen: 27.283 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion: 83 Resp: 52564
Ion Ratio Lower Upper
83 100
85 61.4 44.1 81.9
127 8.7 6.1 9.1

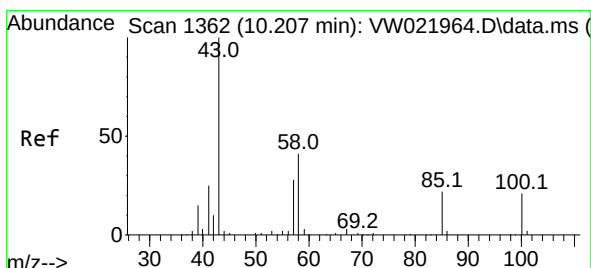
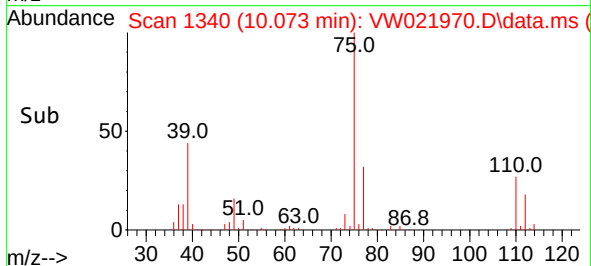
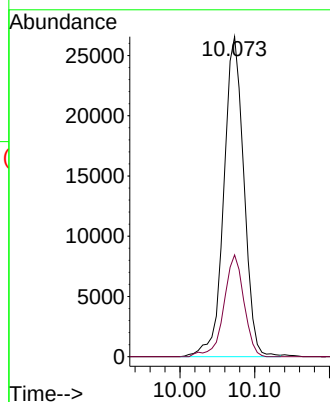
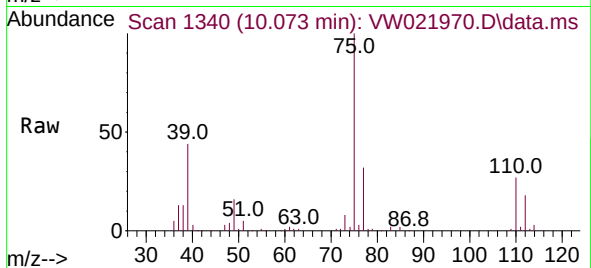




#39
 cis-1,3-Dichloropropene
 Concen: 23.168 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021970.D
 Acq: 17 Jan 2022 13:22

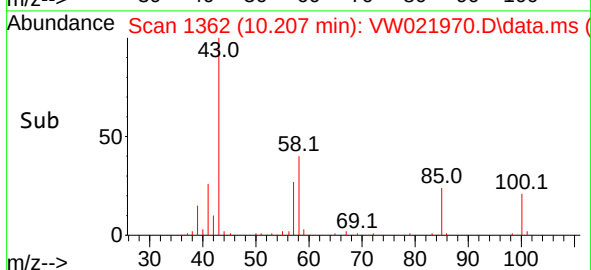
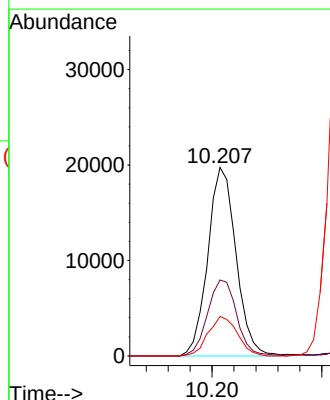
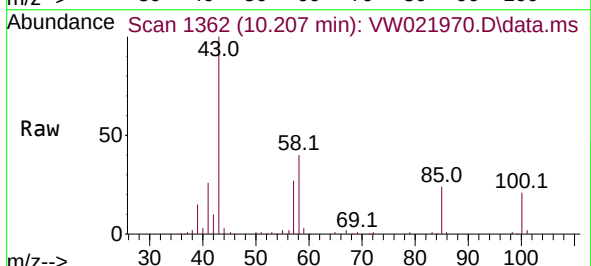
Instrument :
 MSVOA_W
 ClientSampleId :
 DBLZ8MS

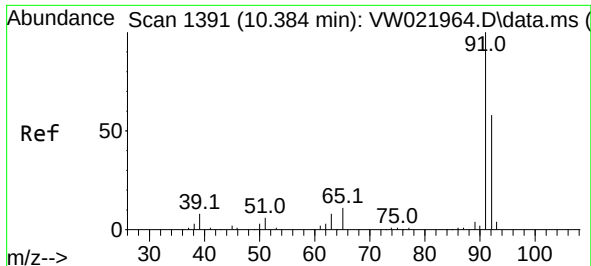
Tgt Ion: 75 Resp: 49683
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 54.528 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW021970.D
 Acq: 17 Jan 2022 13:22

Tgt Ion: 43 Resp: 35352
 Ion Ratio Lower Upper
 43 100
 58 41.5 28.8 43.2
 100 21.6 10.0 15.0#

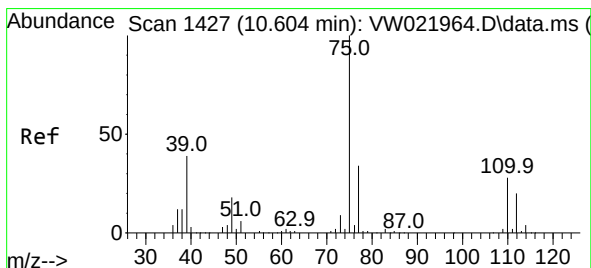
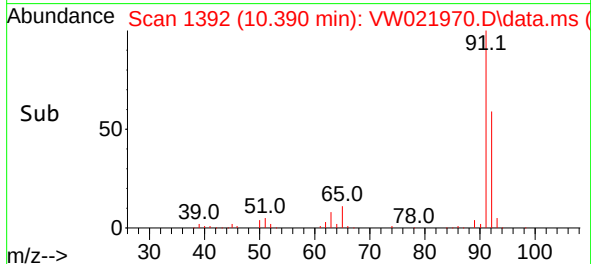
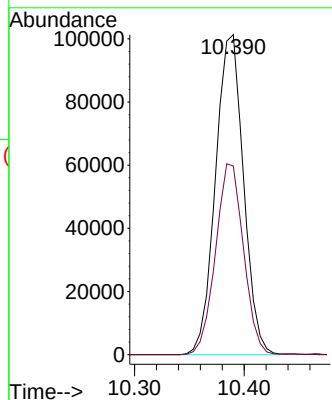
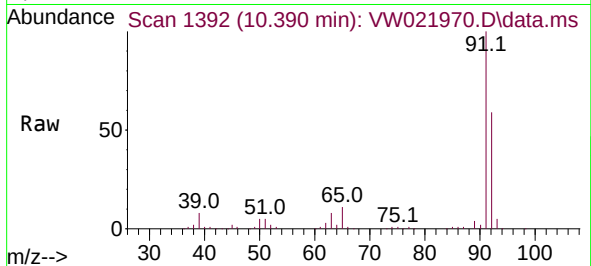




#42
Toluene
Concen: 25.332 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

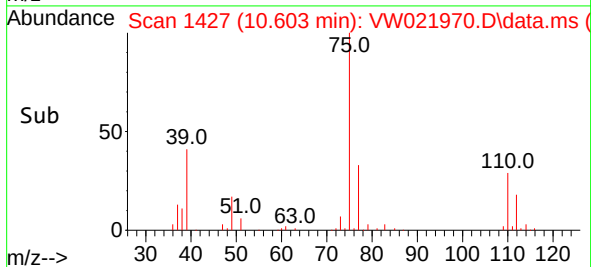
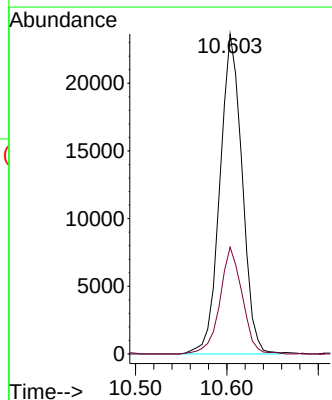
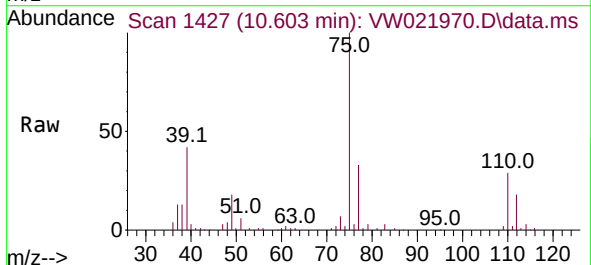
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

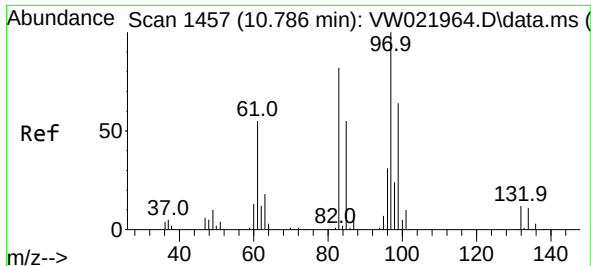
Tgt Ion: 91 Resp: 179991
Ion Ratio Lower Upper
91 100
92 59.0 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 22.267 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion: 75 Resp: 39968
Ion Ratio Lower Upper
75 100
77 33.3 22.2 41.2

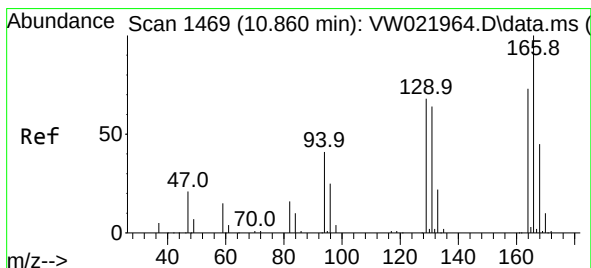
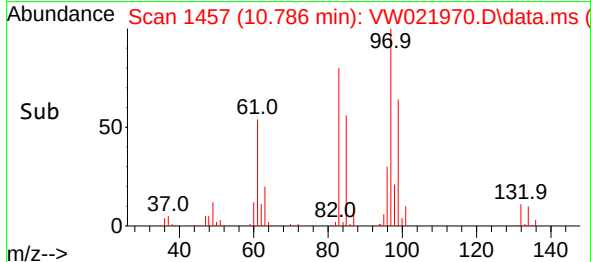
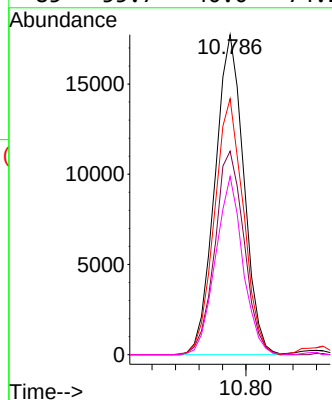
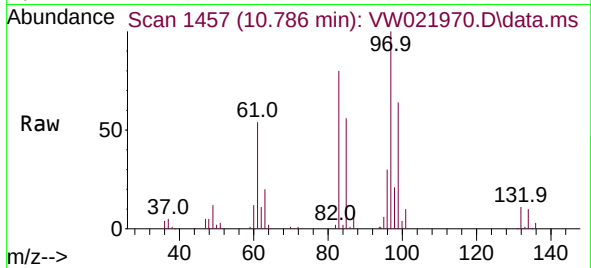




#45
1,1,2-Trichloroethane
Concen: 25.846 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

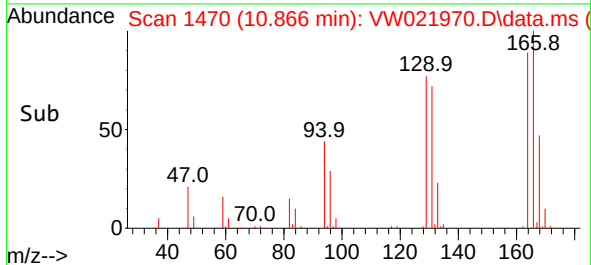
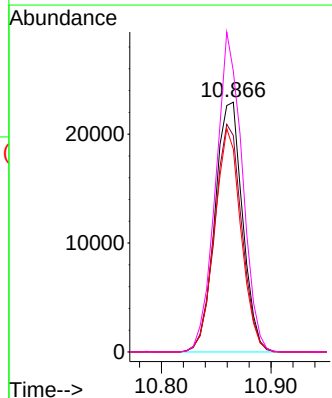
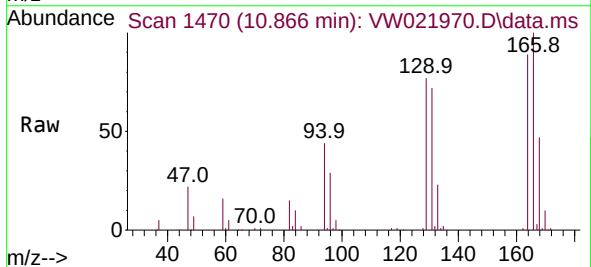
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

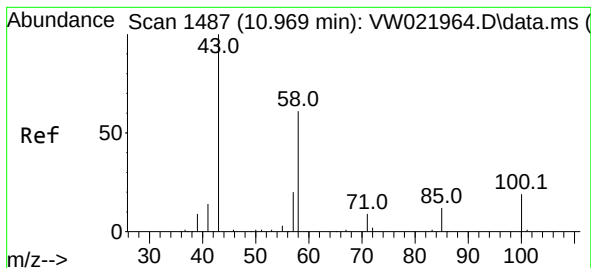
Tgt Ion:	97	Resp:	30286
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.0	79.8
83	80.0	62.6	116.3
85	55.7	40.0	74.2



#46
Tetrachloroethene
Concen: 22.112 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion:	164	Resp:	40188
Ion	Ratio	Lower	Upper
164	100		
129	86.7	65.5	121.7
131	81.2	59.7	110.9
166	112.5	88.7	164.7





#48

2-Hexanone

Concen: 52.222 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MS

Tgt Ion: 43 Resp: 23165

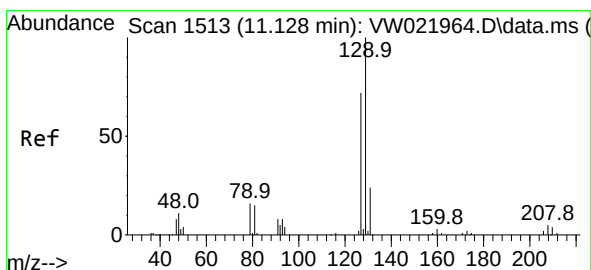
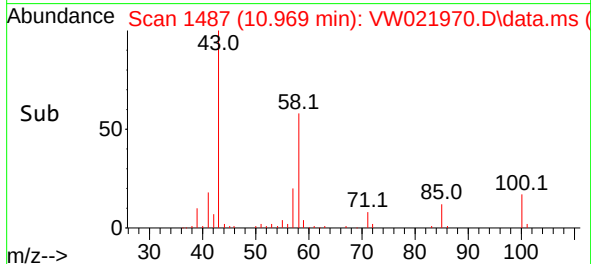
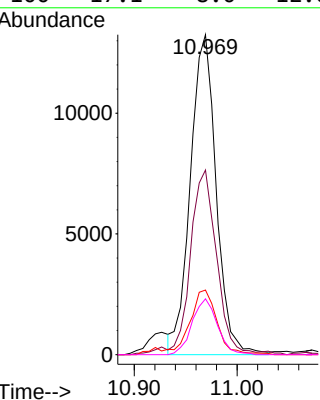
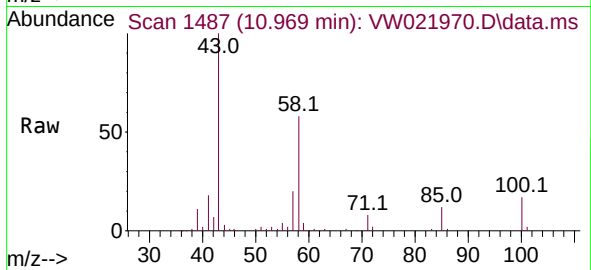
Ion Ratio Lower Upper

43 100

58 57.5 40.2 60.2

57 20.6 14.3 21.5

100 17.1 8.0 12.0#



#49

Dibromochloromethane

Concen: 24.599 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW021970.D

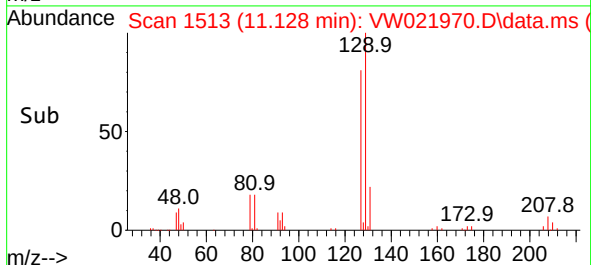
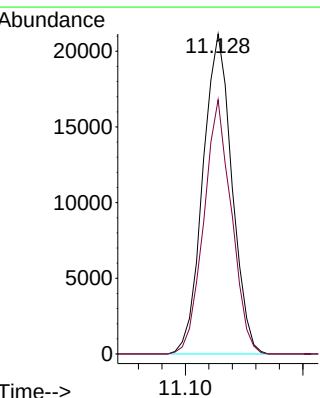
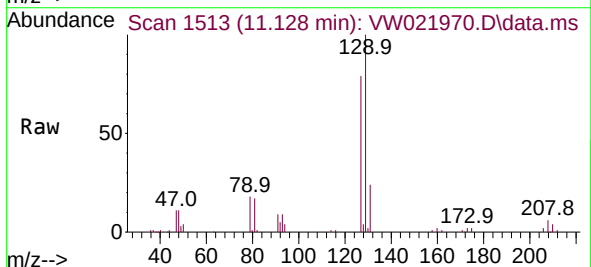
Acq: 17 Jan 2022 13:22

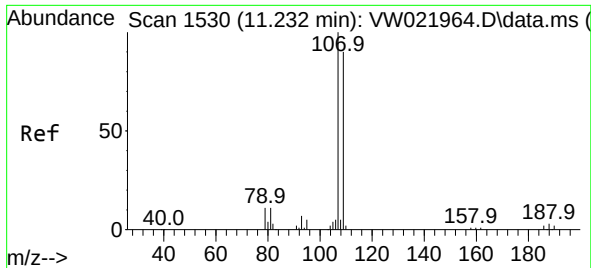
Tgt Ion:129 Resp: 36319

Ion Ratio Lower Upper

129 100

127 79.5 55.7 103.5

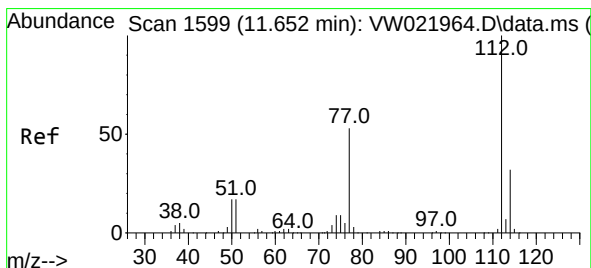
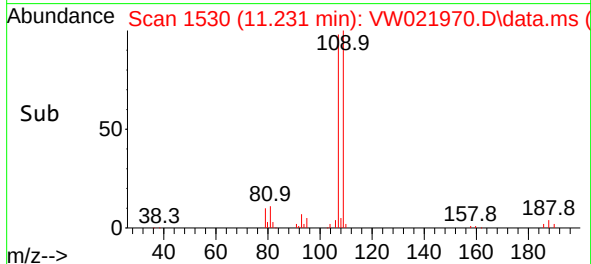
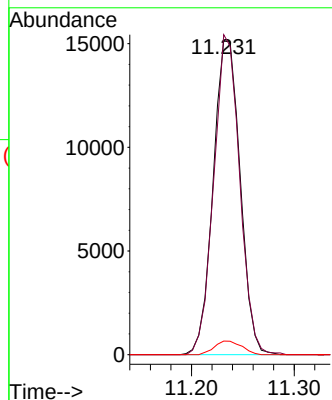
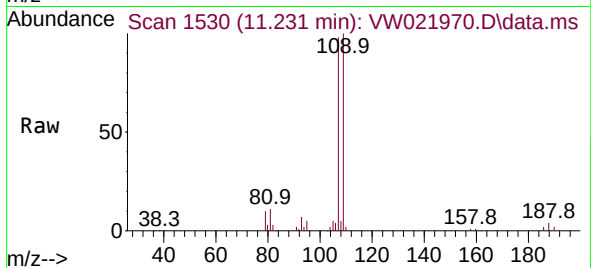




#50
1,2-Dibromoethane
Concen: 23.716 ug/L
RT: 11.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

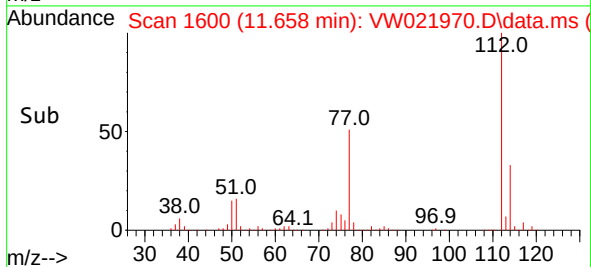
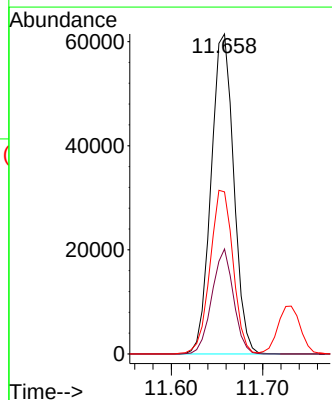
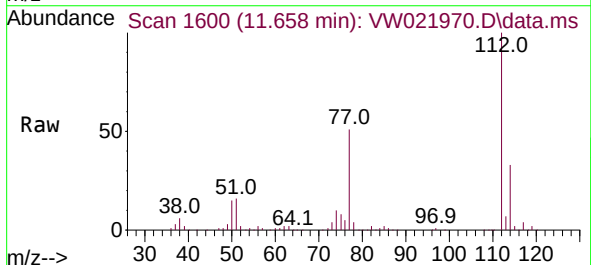
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

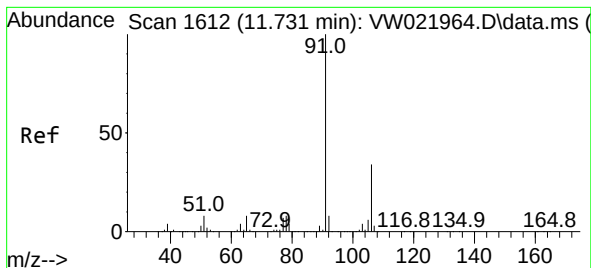
Tgt Ion:107 Resp: 27585
Ion Ratio Lower Upper
107 100
109 102.0 64.1 119.1
188 4.3 2.6 3.8#



#51
Chlorobenzene
Concen: 21.067 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion:112 Resp: 105690
Ion Ratio Lower Upper
112 100
114 32.8 22.4 41.6
77 50.7 50.2 75.4

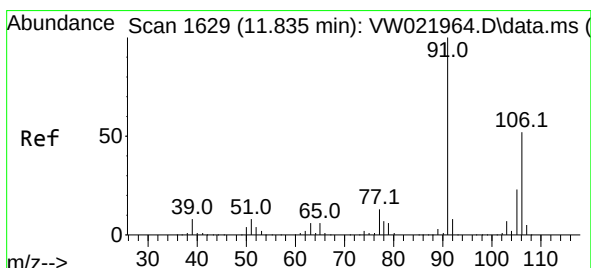
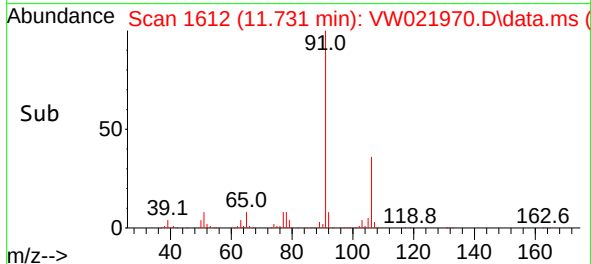
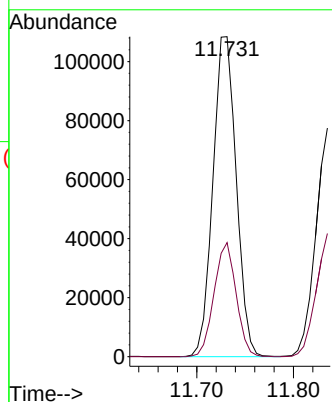
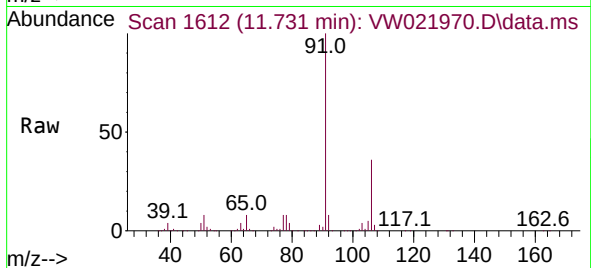




#52
Ethylbenzene
Concen: 23.005 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

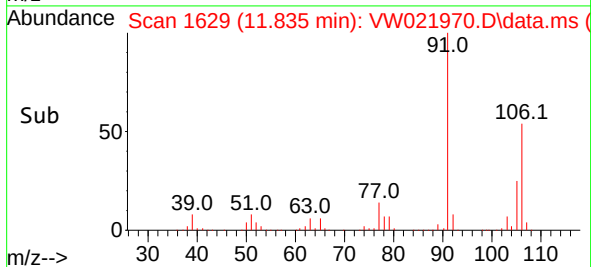
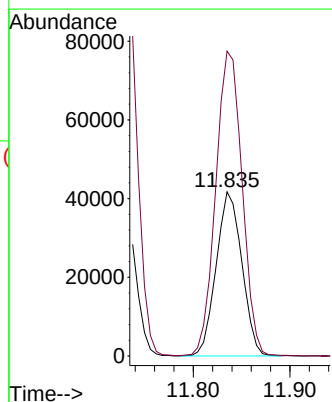
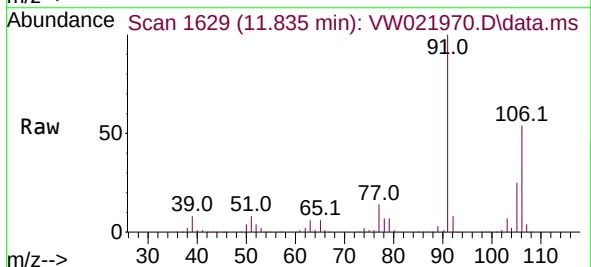
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

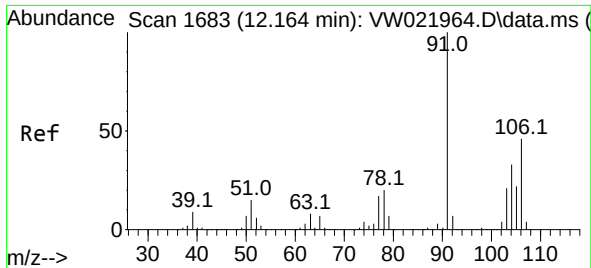
Tgt Ion: 91 Resp: 181584
Ion Ratio Lower Upper
91 100
106 35.7 21.5 39.9



#53
m,p-Xylene
Concen: 23.314 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion:106 Resp: 76948
Ion Ratio Lower Upper
106 100
91 185.6 149.9 278.3

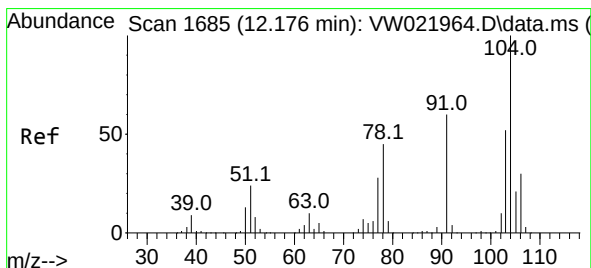
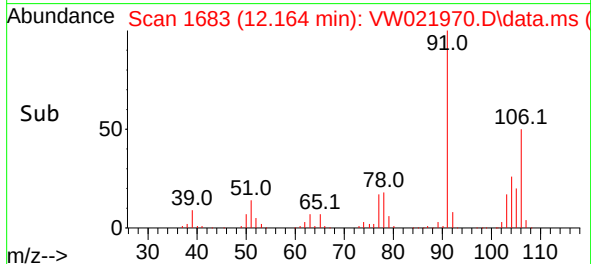
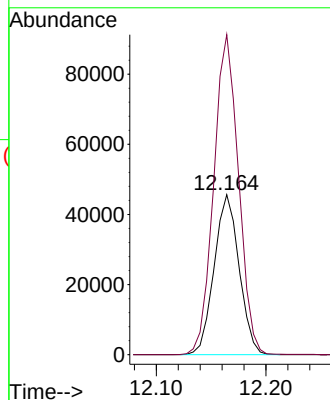
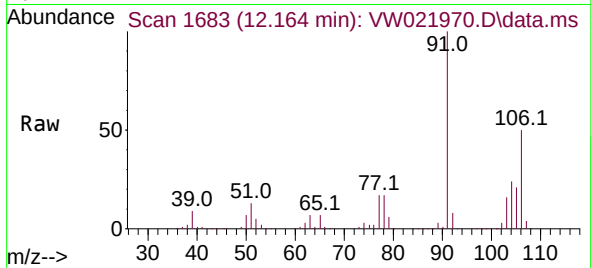




#54
o-Xylene
Concen: 23.550 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

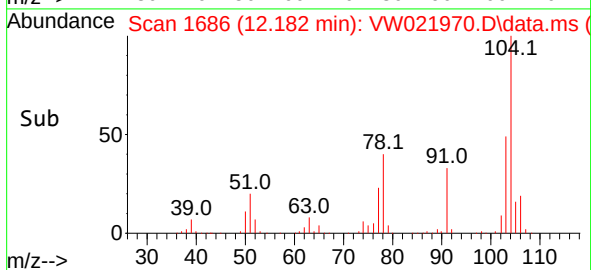
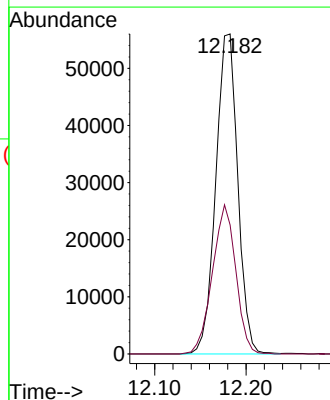
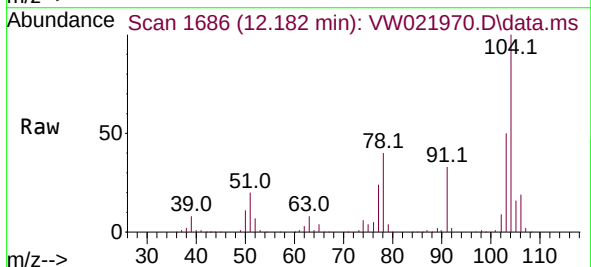
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

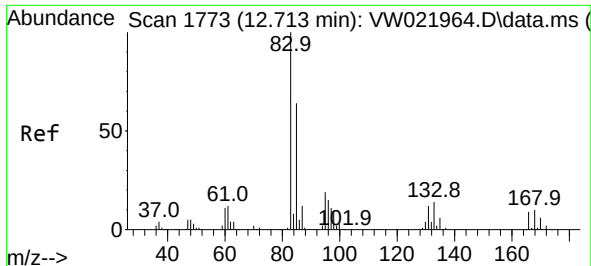
Tgt Ion:106 Resp: 72160
Ion Ratio Lower Upper
106 100
91 200.1 153.6 285.3



#55
Styrene
Concen: 18.527 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion:104 Resp: 93724
Ion Ratio Lower Upper
104 100
78 40.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.881 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MS

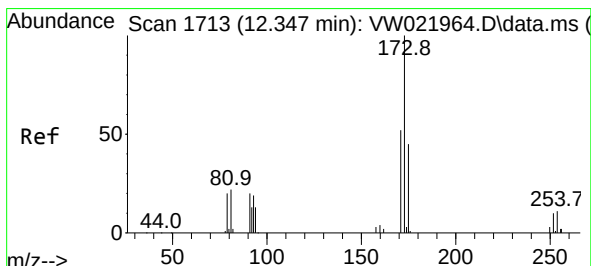
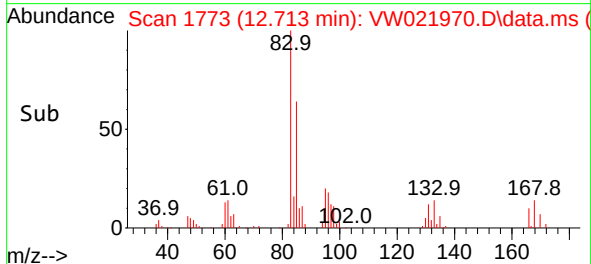
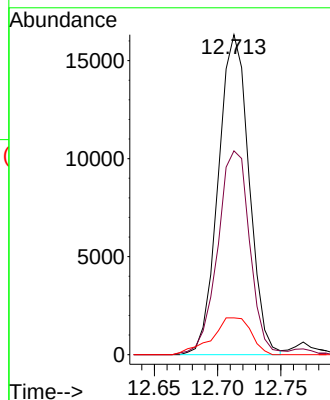
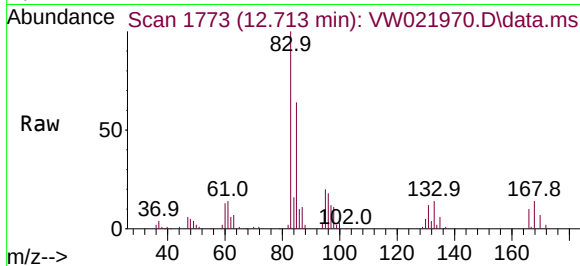
Tgt Ion: 83 Resp: 27587

Ion Ratio Lower Upper

83 100

85 63.7 44.0 81.6

131 11.5 6.9 10.3#



#59

Bromoform

Concen: 33.578 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

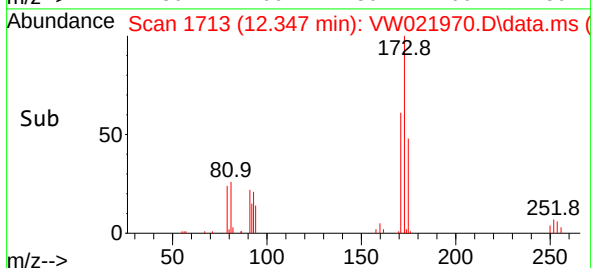
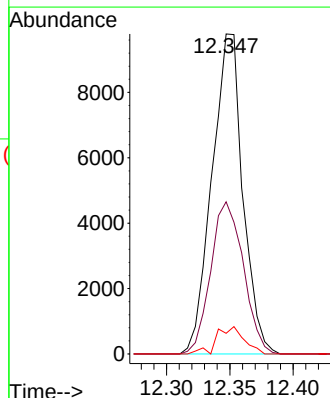
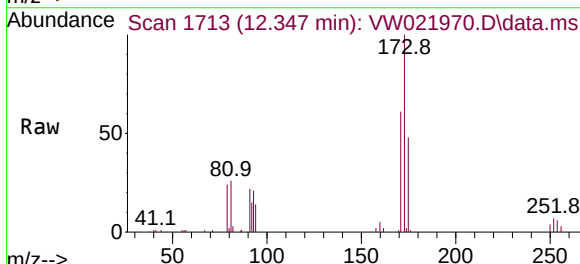
Tgt Ion:173 Resp: 16626

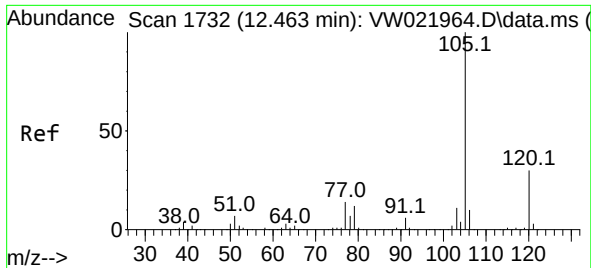
Ion Ratio Lower Upper

173 100

175 50.2 39.6 59.4

254 7.0 7.4 11.0#

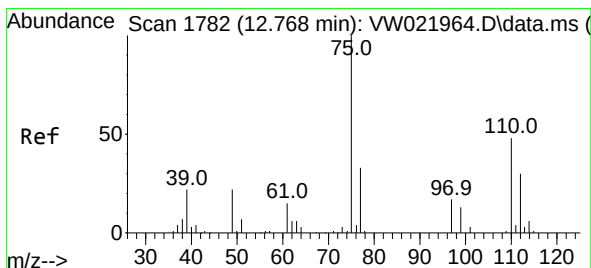
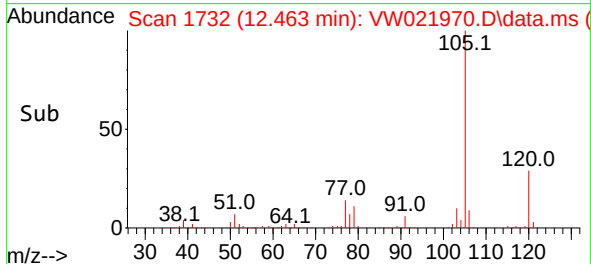
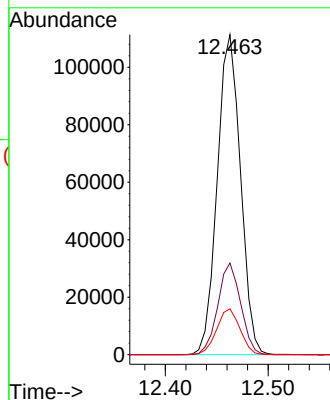
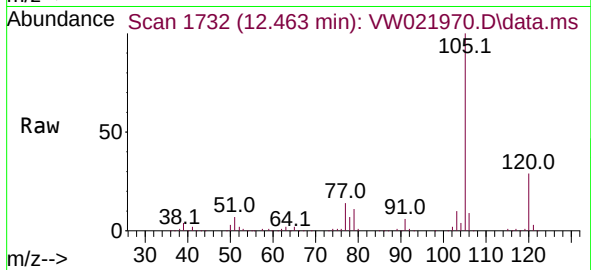




#60
Isopropylbenzene
Concen: 35.350 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

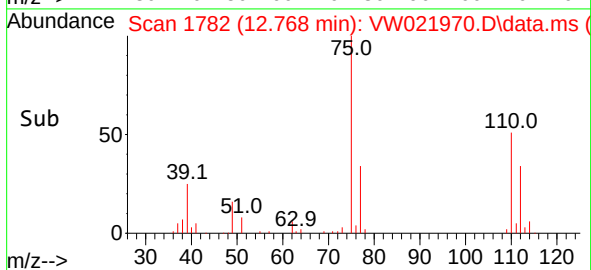
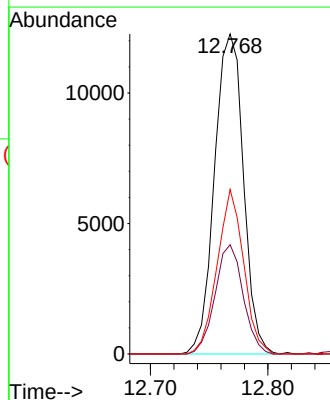
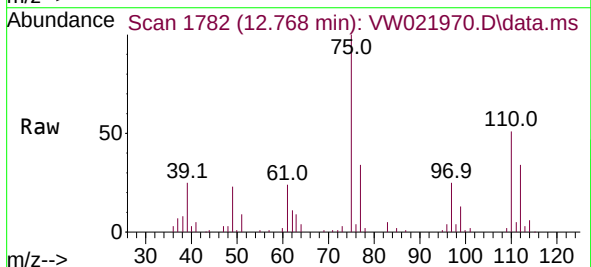
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

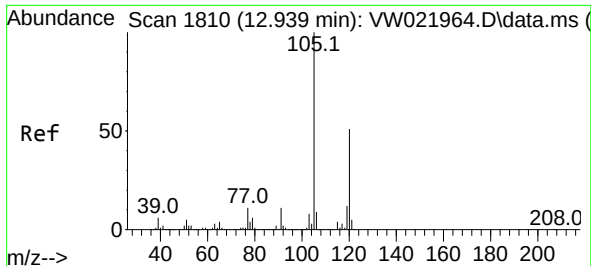
Tgt Ion:105 Resp: 174823
Ion Ratio Lower Upper
105 100
120 28.1 20.1 30.1
77 14.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 40.383 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion: 75 Resp: 20959
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.8
110 47.1 29.0 43.4#

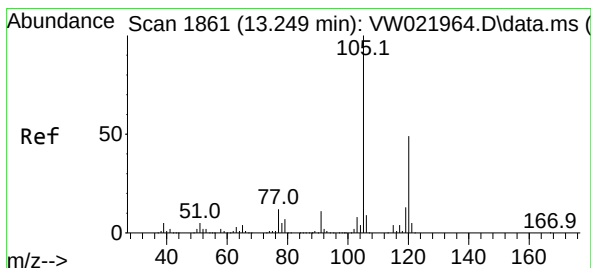
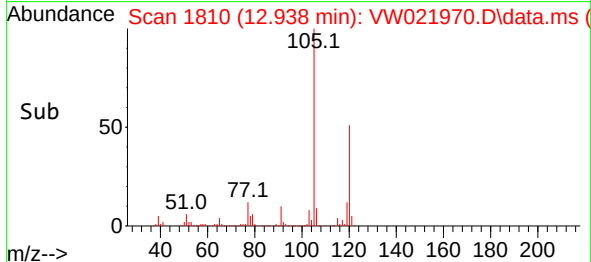
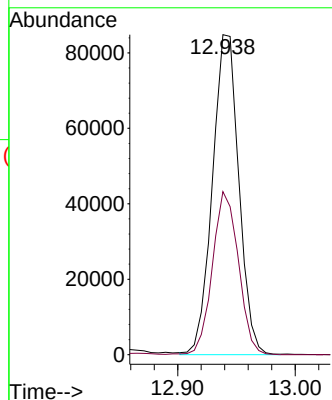
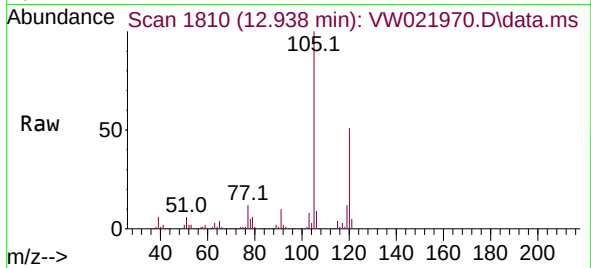




#62
 1,3,5-Trimethylbenzene
 Concen: 32.345 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW021970.D
 Acq: 17 Jan 2022 13:22

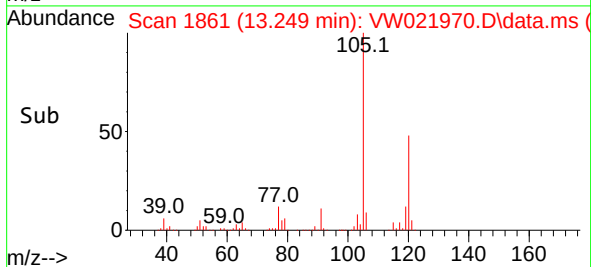
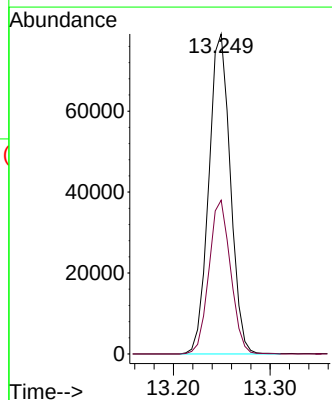
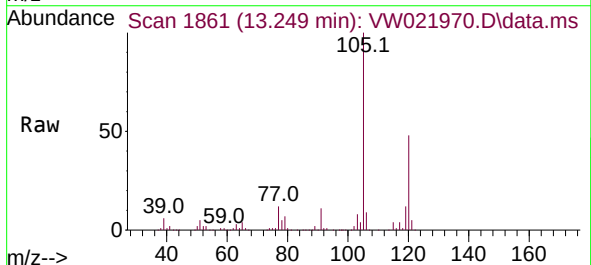
Instrument :
 MSVOA_W
 ClientSampleId :
 DBLZ8MS

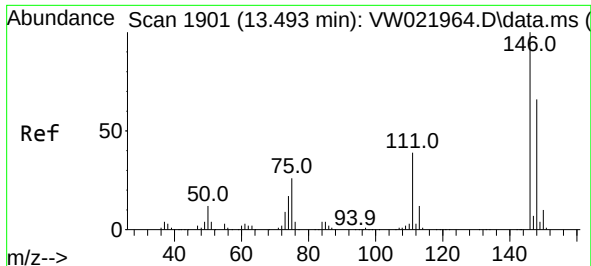
Tgt Ion:105 Resp: 132461
 Ion Ratio Lower Upper
 105 100
 120 50.0 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 30.276 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW021970.D
 Acq: 17 Jan 2022 13:22

Tgt Ion:105 Resp: 122286
 Ion Ratio Lower Upper
 105 100
 120 48.1 35.0 52.6

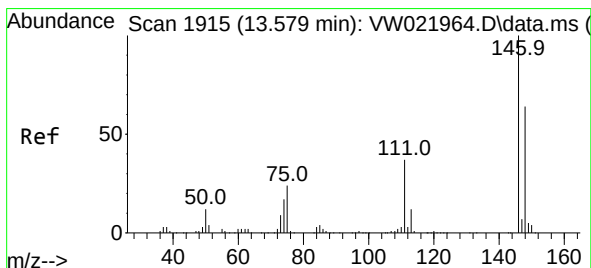
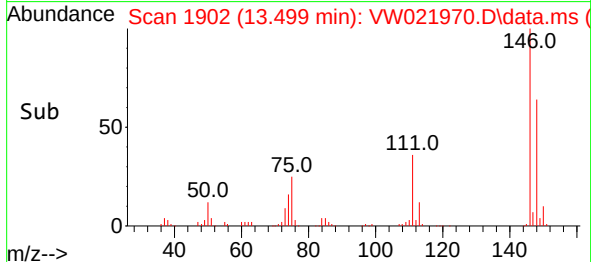
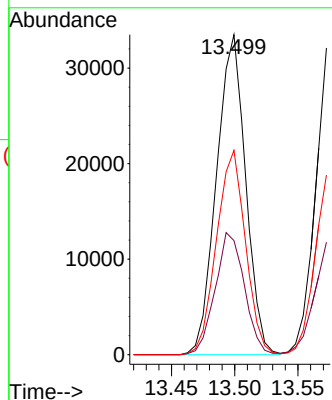
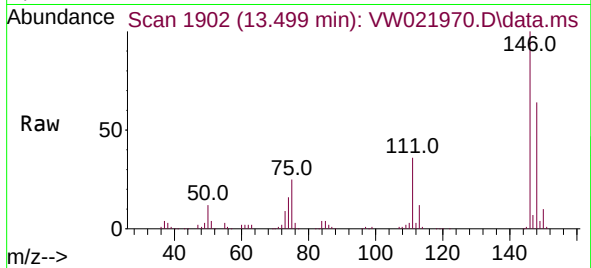




#64
1,3-Dichlorobenzene
Concen: 21.570 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

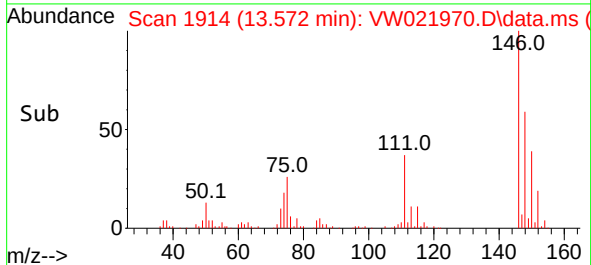
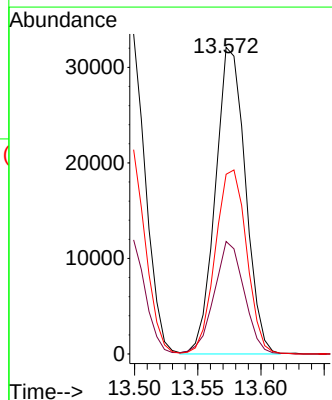
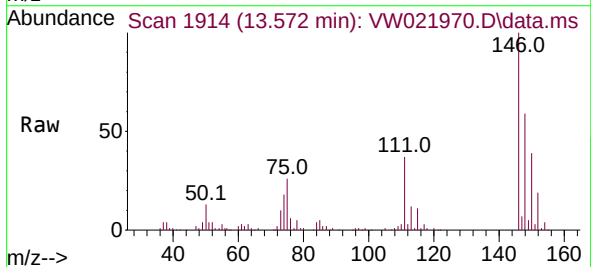
Instrument :
MSVOA_W
ClientSampleId :
DBLZ8MS

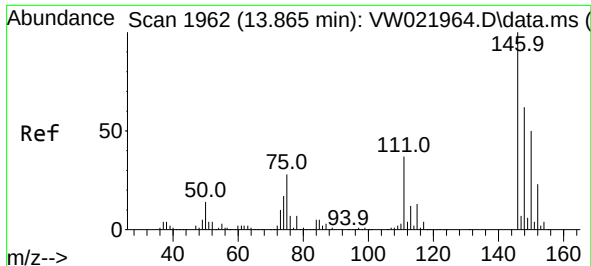
Tgt Ion:146 Resp: 53632
Ion Ratio Lower Upper
146 100
111 35.7 29.8 55.3
148 63.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 21.569 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW021970.D
Acq: 17 Jan 2022 13:22

Tgt Ion:146 Resp: 52954
Ion Ratio Lower Upper
146 100
111 36.7 29.0 53.9
148 58.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 20.714 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MS

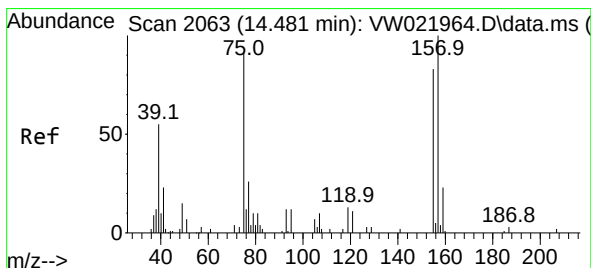
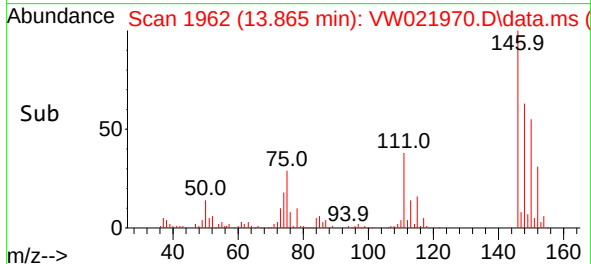
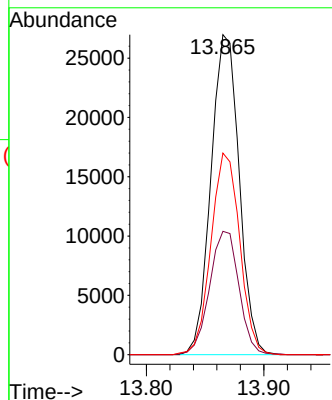
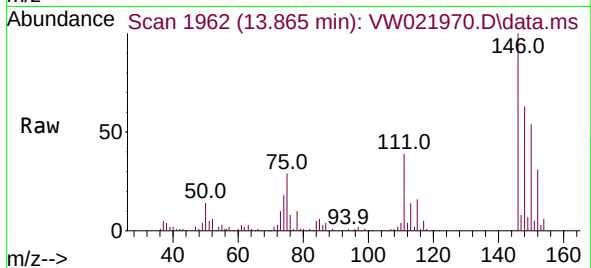
Tgt Ion:146 Resp: 45094

Ion Ratio Lower Upper

146 100

111 38.5 33.1 49.7

148 63.0 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 30.860 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

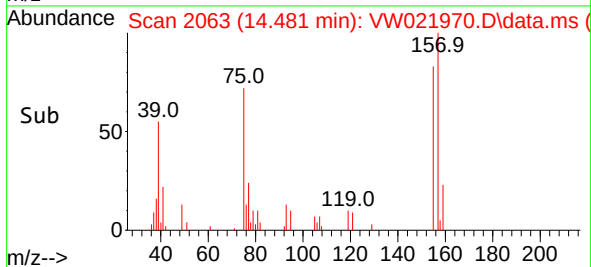
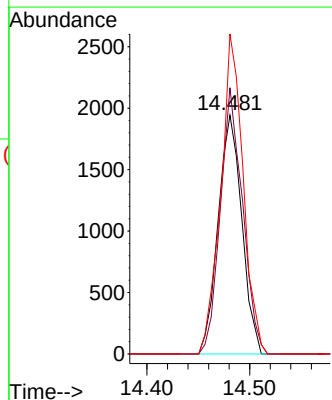
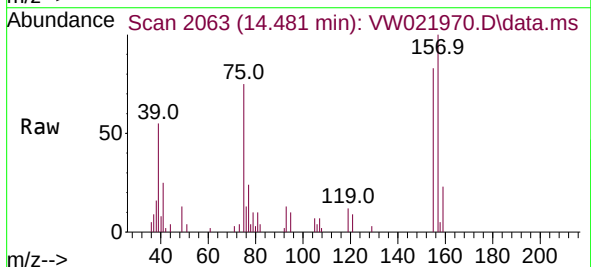
Tgt Ion: 75 Resp: 3093

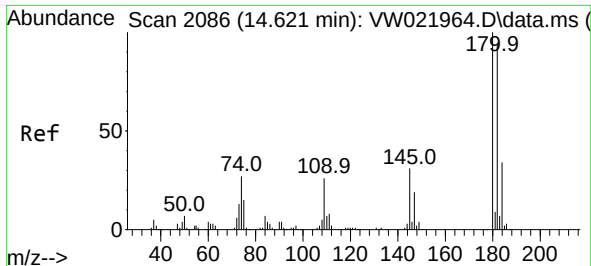
Ion Ratio Lower Upper

75 100

155 111.5 54.2 81.2#

157 134.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 13.237 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MS

Tgt Ion:180 Resp: 24463

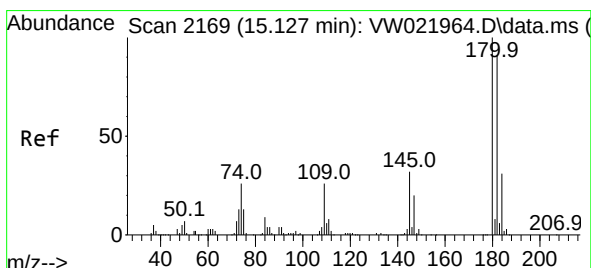
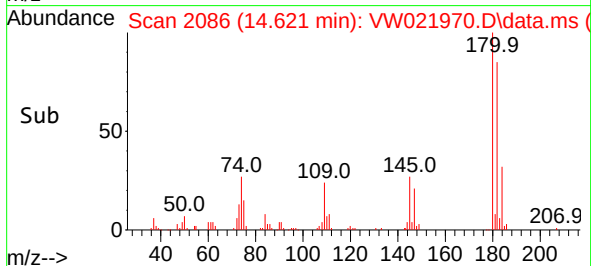
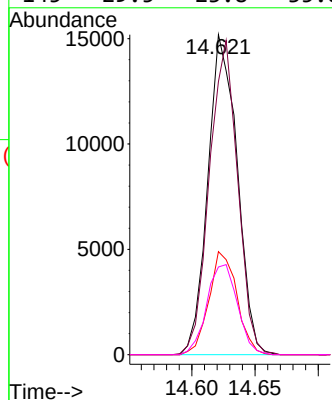
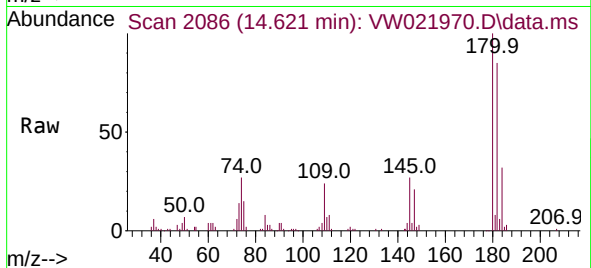
Ion Ratio Lower Upper

180 100

182 94.6 75.4 113.0

184 30.9 23.8 35.8

145 29.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 9.239 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

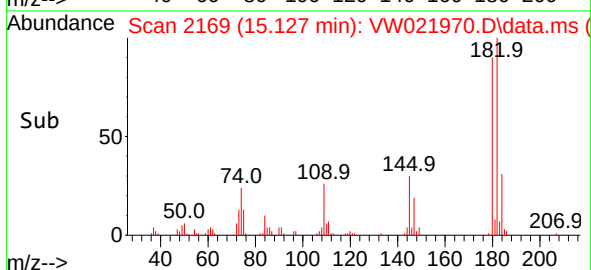
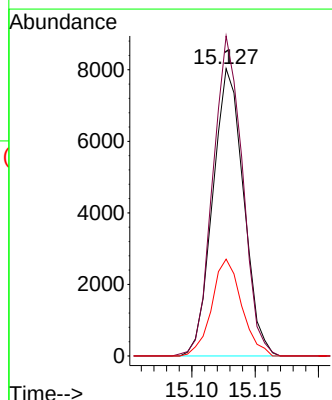
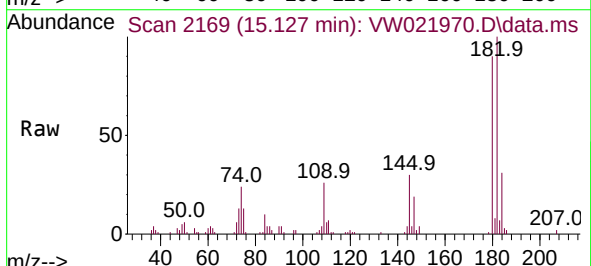
Tgt Ion:180 Resp: 13605

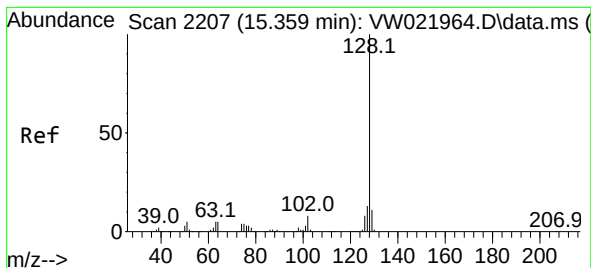
Ion Ratio Lower Upper

180 100

182 106.8 79.0 118.6

145 32.6 26.0 39.0





#71

Naphthalene

Concen: 11.741 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

Instrument :

MSVOA_W

ClientSampleId :

DBLZ8MS

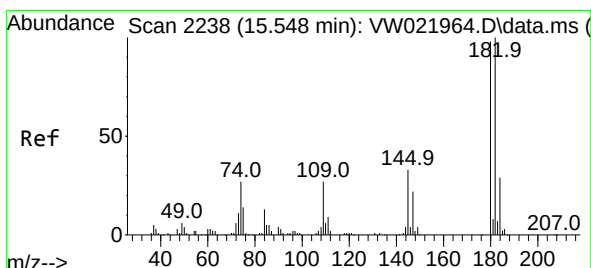
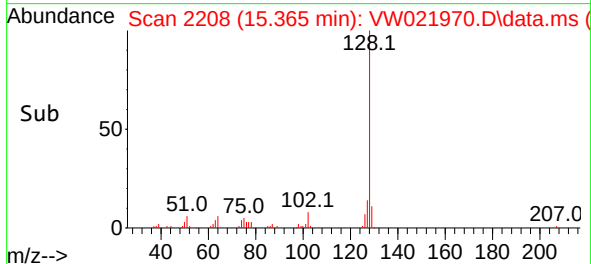
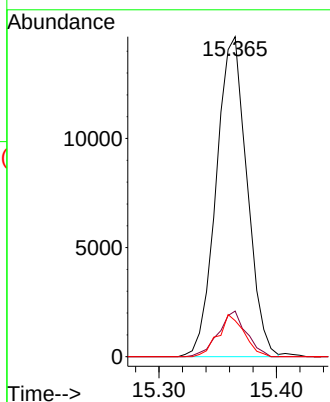
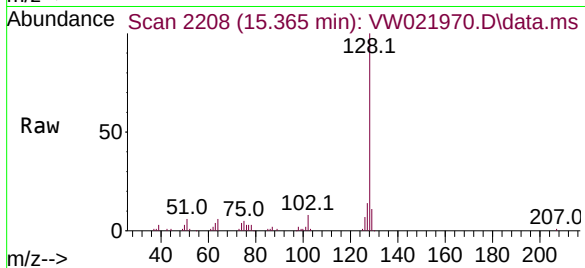
Tgt Ion:128 Resp: 26670

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.2 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 8.305 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021970.D

Acq: 17 Jan 2022 13:22

Tgt Ion:180 Resp: 10099

Ion Ratio Lower Upper

180 100

182 99.1 76.6 114.8

145 34.5 27.4 41.0

