

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021009.D
 Acq On : 01 Dec 2021 18:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 02 01:59:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	157794	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	140464	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	80287	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	30076	16.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.720%
7) Chloroethane-d5	2.885	69	22116	18.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.960%
11) 1,1-Dichloroethene-d2	4.025	63	76501	21.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.400%
21) 2-Butanone-d5	7.080	46	22379	48.985	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.980%
24) Chloroform-d	7.647	84	95850	24.108	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	8.305	65	47961	23.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.080%
32) Benzene-d6	8.275	84	181248	24.483	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	9.274	67	51094	24.237	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	10.323	98	176617	24.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.160%
43) trans-1,3-Dichloroprop...	10.579	79	23367	23.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.800%
47) 2-Hexanone-d5	10.920	63	18606	53.215	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42493	26.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	70476	24.629	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	15928	34.879	ug/L	96
3) Chloromethane	2.215	50	26110	18.806	ug/L	94
5) Vinyl chloride	2.361	62	49706	20.698	ug/L	98
6) Bromomethane	2.776	94	29769	22.356	ug/L	100
8) Chloroethane	2.916	64	20290	20.097	ug/L	96
9) Trichlorofluoromethane	3.257	101	32931	23.542	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	55468	26.084	ug/L	89
12) 1,1-Dichloroethene	4.038	96	49080	24.825	ug/L	80
13) Acetone	4.129	43	15545	38.111	ug/L	91
14) Carbon disulfide	4.385	76	111092	20.776	ug/L	100
15) Methyl Acetate	4.672	43	17673	24.161	ug/L	# 84
16) Methylene chloride	4.909	84	50834	23.099	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	52020	24.413	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	81956	25.623	ug/L	92
19) 1,1-Dichloroethane	6.214	63	87039	24.653	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	57372	24.982	ug/L	71
22) 2-Butanone	7.171	43	22987	41.479	ug/L	85
23) Bromochloromethane	7.513	128	25690	24.469	ug/L	# 67
25) Chloroform	7.677	83	96240	24.939	ug/L	96

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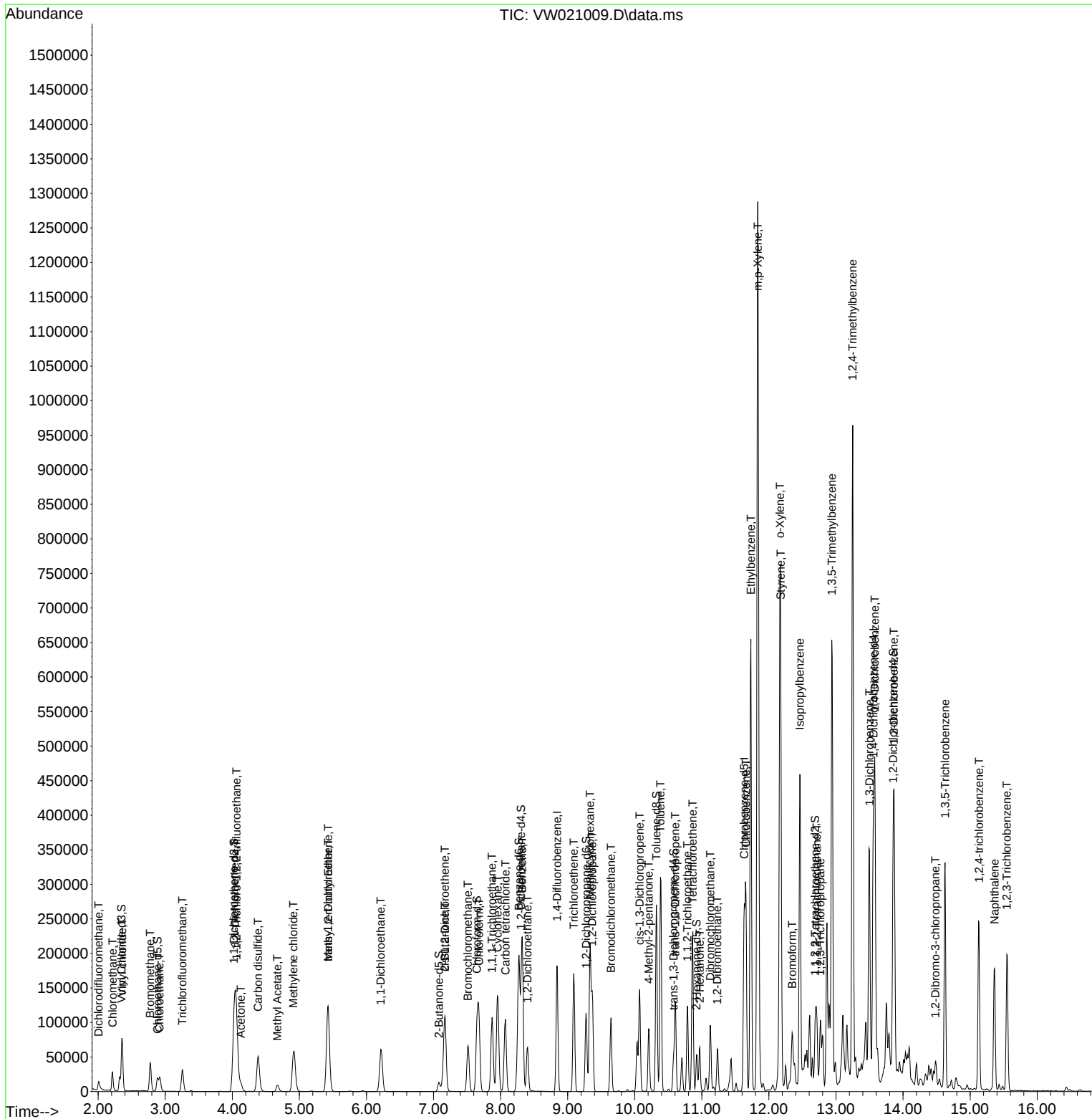
Instrument :
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 ClientSampleId :

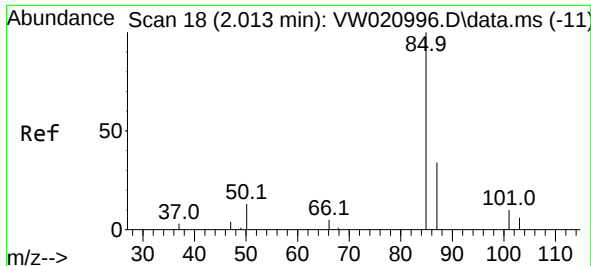
Quant Time: Dec 02 01:59:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	58829	25.176	ug/L #	95
29) Cyclohexane	7.958	56	75314	24.050	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	88020	26.058	ug/L #	93
31) Carbon tetrachloride	8.073	117	80612	25.215	ug/L	99
33) Benzene	8.323	78	203643	25.606	ug/L	100
34) Trichloroethene	9.091	95	58336	26.224	ug/L	89
35) Methylcyclohexane	9.335	83	91383	24.916	ug/L	85
37) 1,2-Dichloropropane	9.366	63	48136	26.006	ug/L #	96
38) Bromodichloromethane	9.646	83	68064	25.624	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	78560	25.707	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	56233	51.043	ug/L #	90
42) Toluene	10.384	91	231470	25.875	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	69251	25.784	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	39049	27.126	ug/L	92
46) Tetrachloroethene	10.866	164	50967	24.953	ug/L	94
48) 2-Hexanone	10.969	43	37936	49.713	ug/L #	90
49) Dibromochloromethane	11.128	129	49284	24.833	ug/L	98
50) 1,2-Dibromoethane	11.231	107	37826	26.209	ug/L #	96
51) Chlorobenzene	11.658	112	155277	26.098	ug/L	91
52) Ethylbenzene	11.731	91	459432	46.348	ug/L	98
53) m,p-Xylene	11.835	106	411895	101.777	ug/L	89
54) o-Xylene	12.164	106	169125	43.513	ug/L	99
55) Styrene	12.176	104	177762	27.544	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	44045	27.605	ug/L #	98
59) Bromoform	12.347	173	28660	23.941	ug/L	99
60) Isopropylbenzene	12.463	105	295130	26.989	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	31604	26.836	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.938	105	322185	34.926	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	524609	57.639	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	131990	25.745	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	130164	25.169	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	117885	26.094	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	7270	25.822	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	105367	25.948	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	83488	25.131	ug/L	94
71) Naphthalene	15.365	128	163541	30.212	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	71012	25.331	ug/L	94

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

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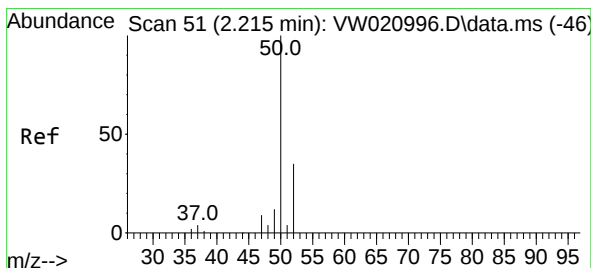
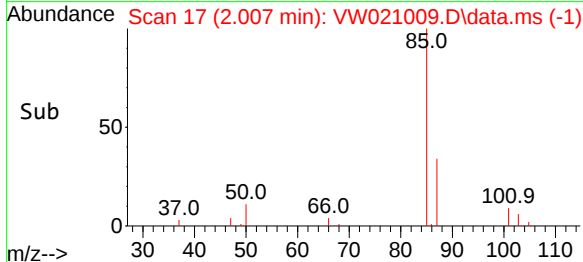
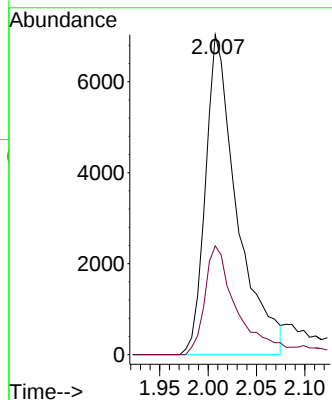
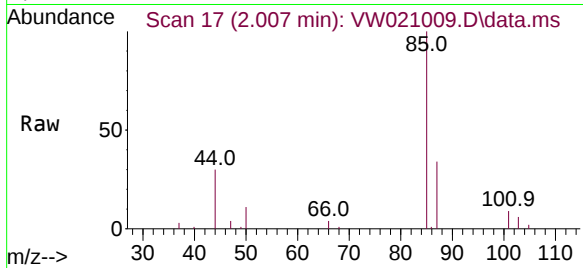




#2
 Dichlorodifluoromethane
 Concen: 34.879 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW021009.D
 Acq: 01 Dec 2021 18:58

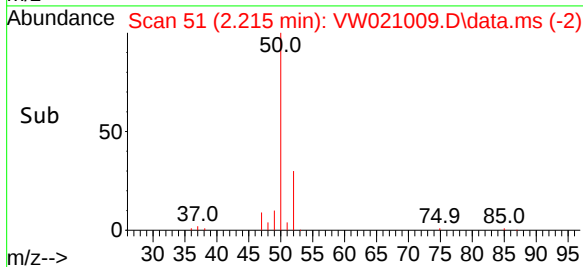
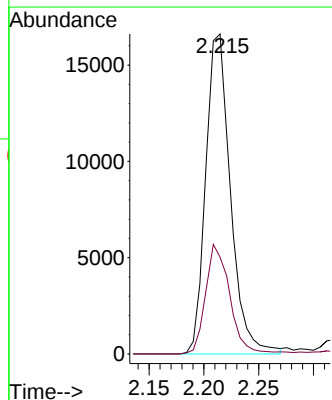
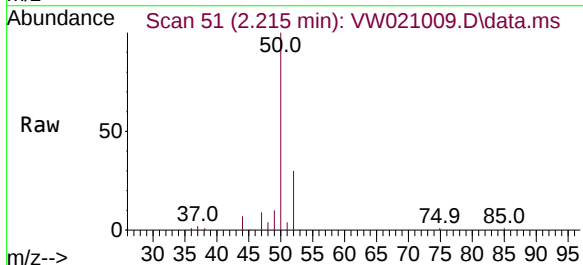
Instrument :
 MSVOA_W
 ClientSampleId :

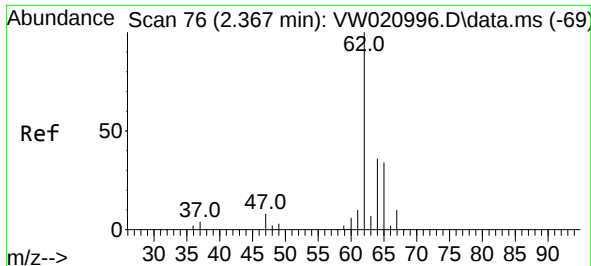
Tgt Ion: 85 Resp: 15928
 Ion Ratio Lower Upper
 85 100
 87 34.2 25.8 38.6



#3
 Chloromethane
 Concen: 18.806 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021009.D
 Acq: 01 Dec 2021 18:58

Tgt Ion: 50 Resp: 26110
 Ion Ratio Lower Upper
 50 100
 52 30.2 23.4 43.6

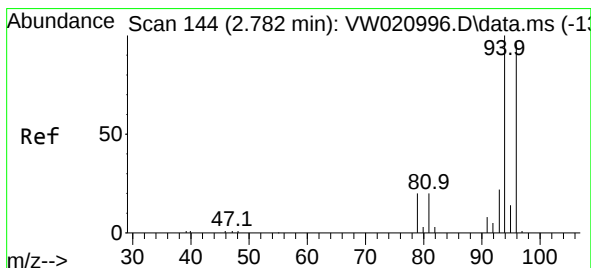
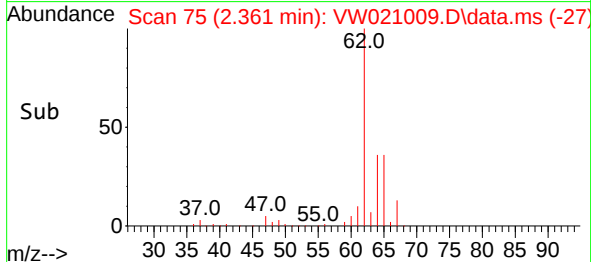
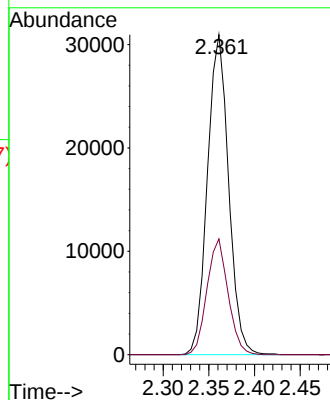
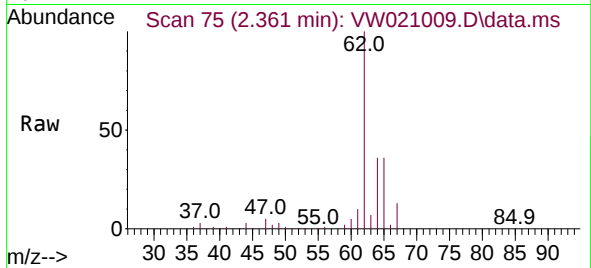




#5
 Vinyl chloride
 Concen: 20.698 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW021009.D
 Acq: 01 Dec 2021 18:58

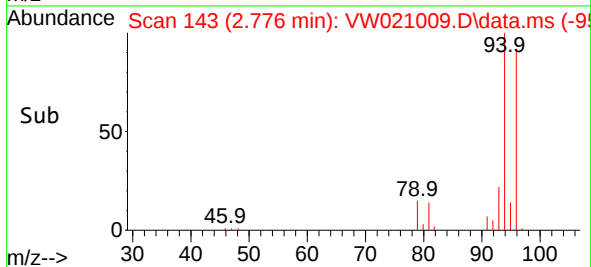
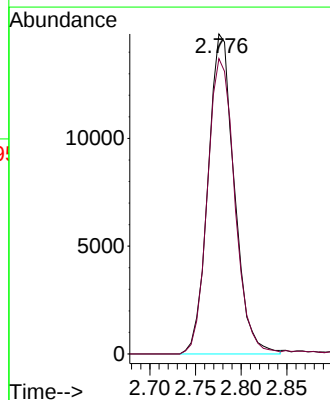
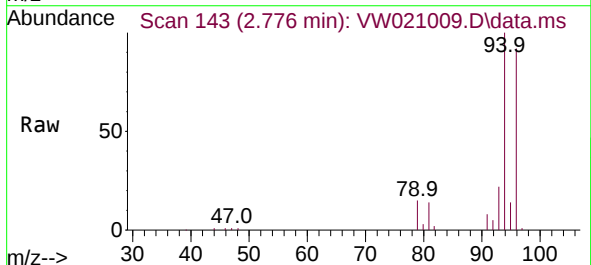
Instrument :
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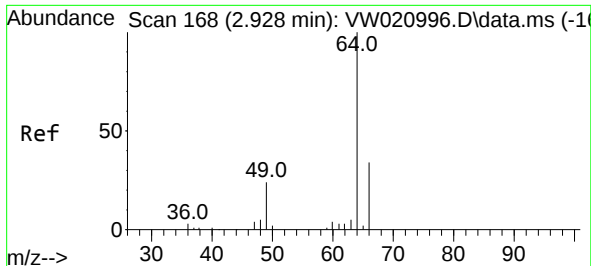
Tgt Ion: 62 Resp: 49706
 Ion Ratio Lower Upper
 62 100
 64 36.2 24.4 45.2



#6
 Bromomethane
 Concen: 22.356 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021009.D
 Acq: 01 Dec 2021 18:58

Tgt Ion: 94 Resp: 29769
 Ion Ratio Lower Upper
 94 100
 96 92.3 64.8 120.4

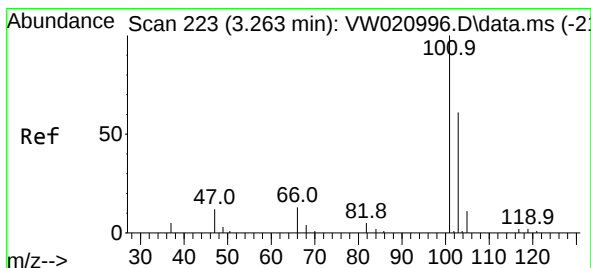
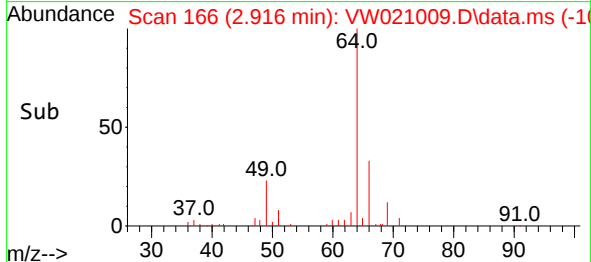
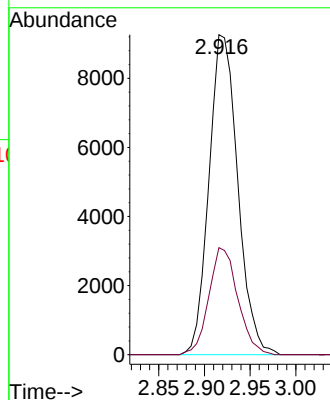
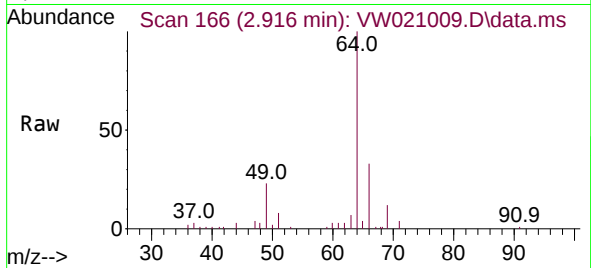




#8
Chloroethane
Concen: 20.097 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.012 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

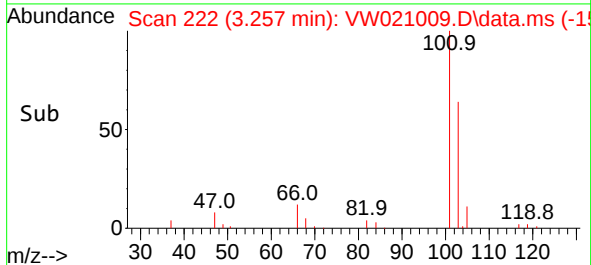
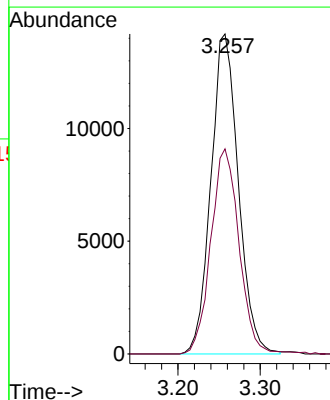
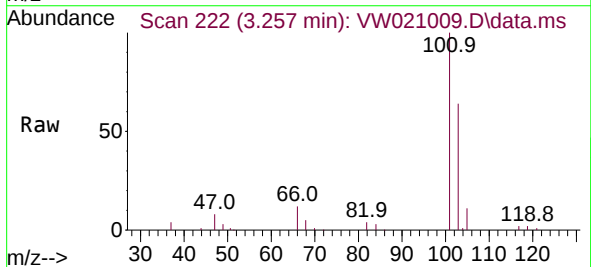
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MSVOA_W
ClientSampleId :

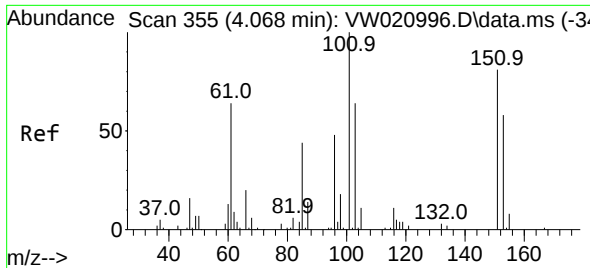
Tgt Ion: 64 Resp: 20290
Ion Ratio Lower Upper
64 100
66 33.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.542 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion:101 Resp: 32931
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2

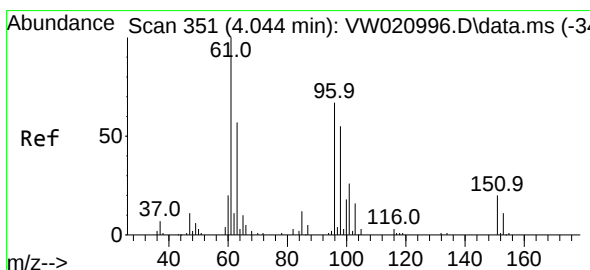
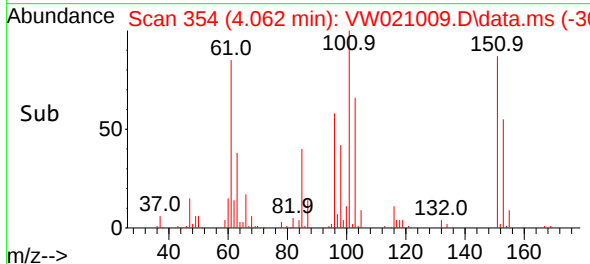
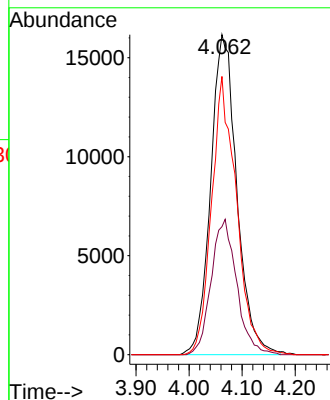
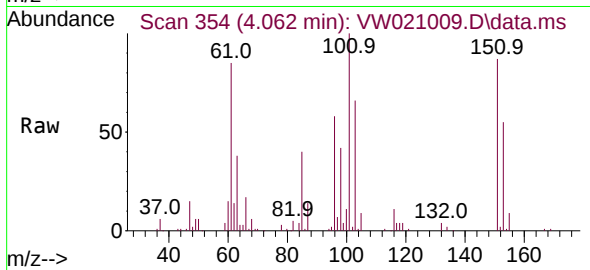




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.084 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW021009.D
 Acq: 01 Dec 2021 18:58

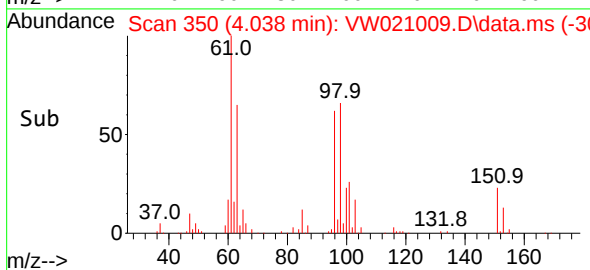
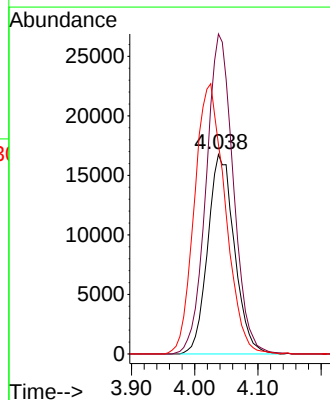
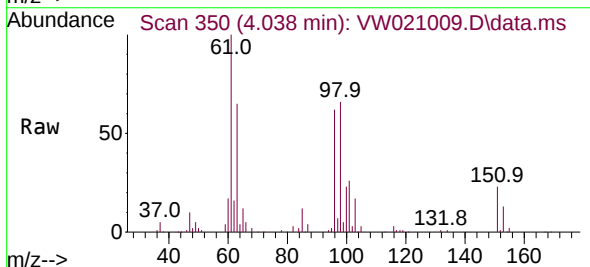
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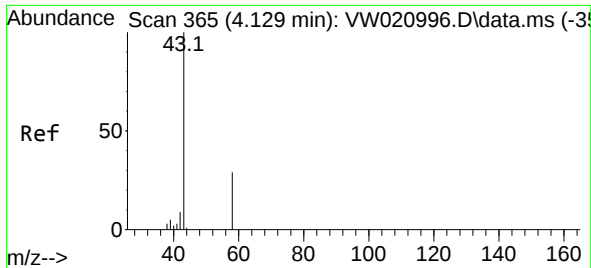
Tgt Ion:	101	Resp:	55468
Ion	Ratio	Lower	Upper
101	100		
85	41.2	36.6	54.8
151	82.5	57.4	86.0



#12
 1,1-Dichloroethene
 Concen: 24.825 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021009.D
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Tgt Ion:	96	Resp:	49080
Ion	Ratio	Lower	Upper
96	100		
61	160.4	138.3	256.9
63	105.0	82.6	153.4





#13

Acetone

Concen: 38.111 ug/L

RT: 4.129 min Scan# 365

Delta R.T. 0.000 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

Instrument :

MSVOA_W

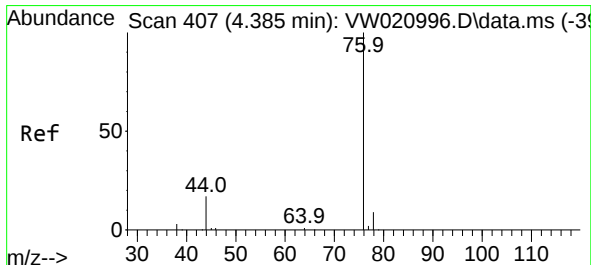
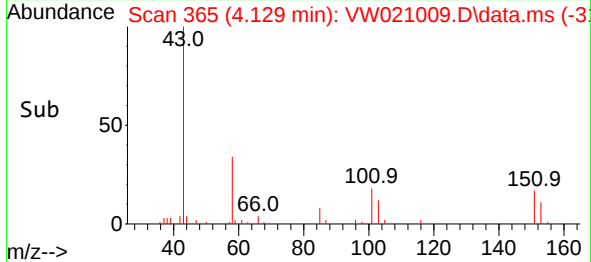
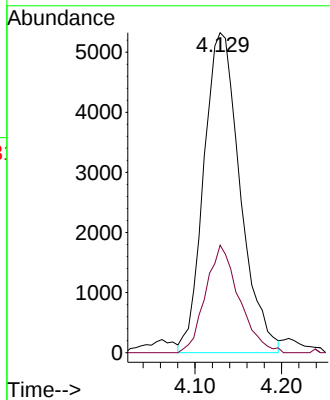
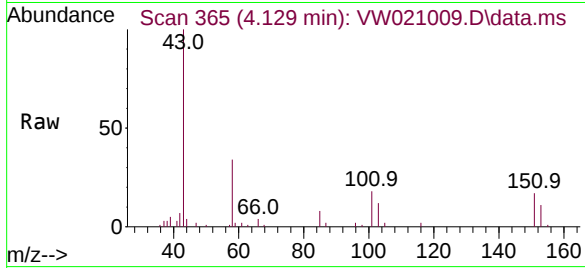
ClientSampleId :

Tgt Ion: 43 Resp: 15545

Ion Ratio Lower Upper

43 100

58 30.9 0.0 52.8



#14

Carbon disulfide

Concen: 20.776 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021009.D

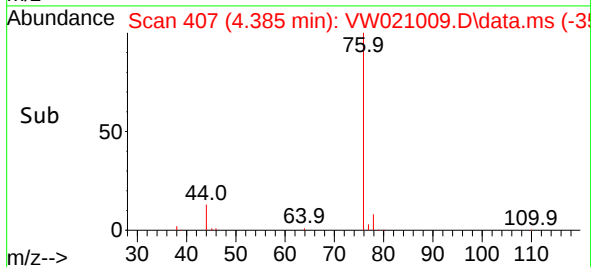
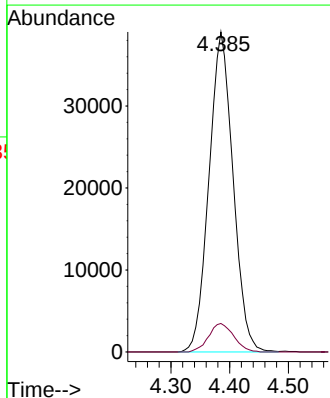
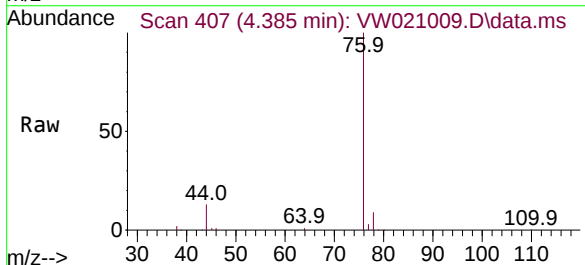
Acq: 01 Dec 2021 18:58

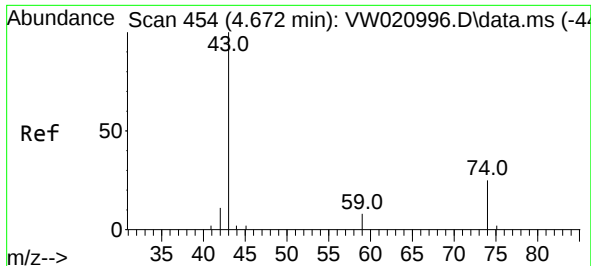
Tgt Ion: 76 Resp: 111092

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

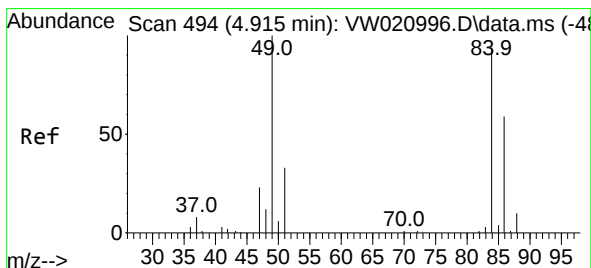
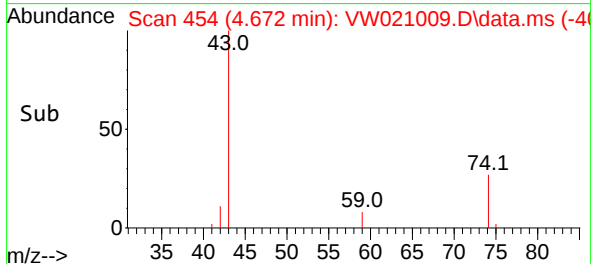
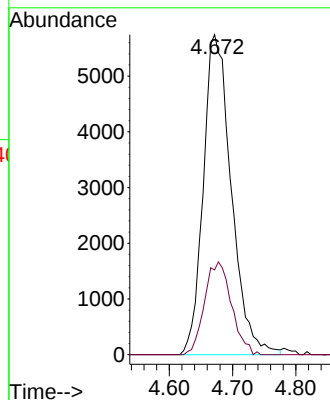
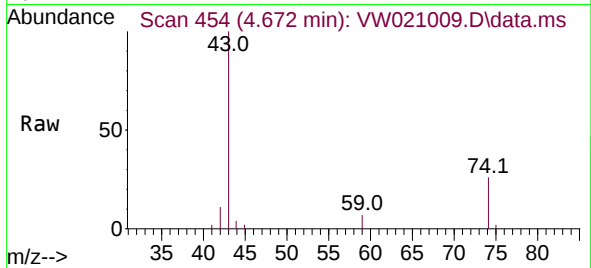




#15
Methyl Acetate
Concen: 24.161 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

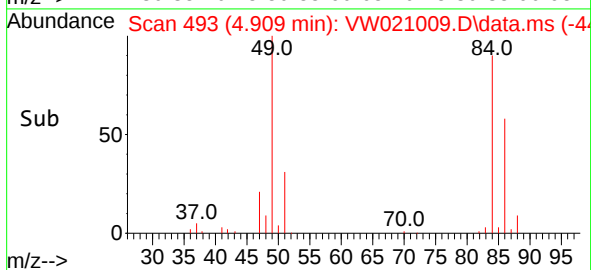
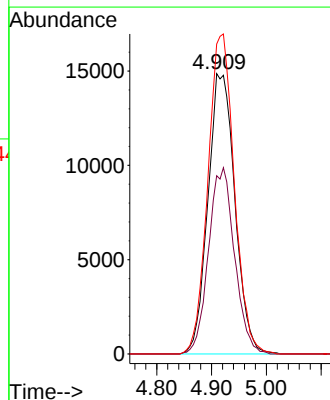
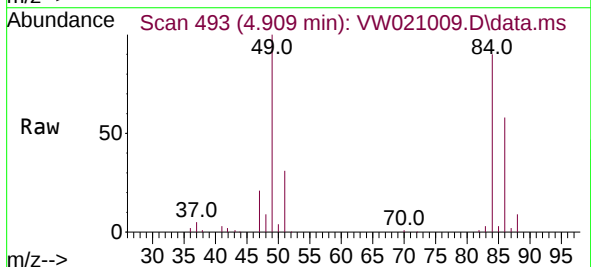
Instrument :
MSVOA_W
ClientSampleId :

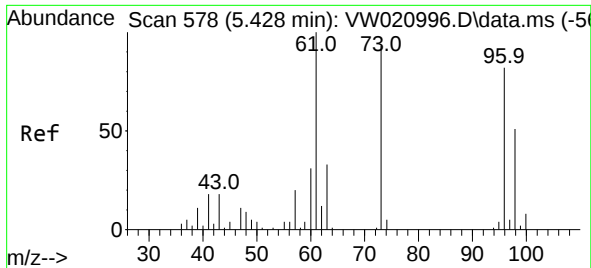
Tgt Ion: 43 Resp: 17673
Ion Ratio Lower Upper
43 100
74 27.7 16.4 24.6#



#16
Methylene chloride
Concen: 23.099 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion: 84 Resp: 50834
Ion Ratio Lower Upper
84 100
86 63.6 45.5 84.5
49 110.5 100.5 186.7

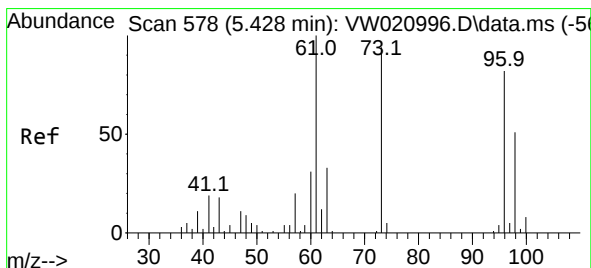
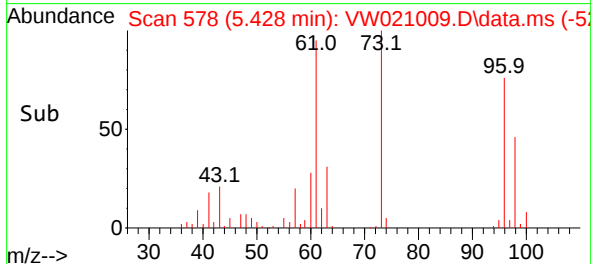
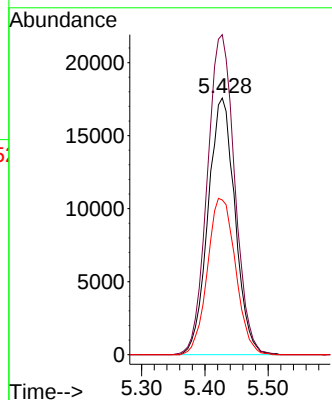
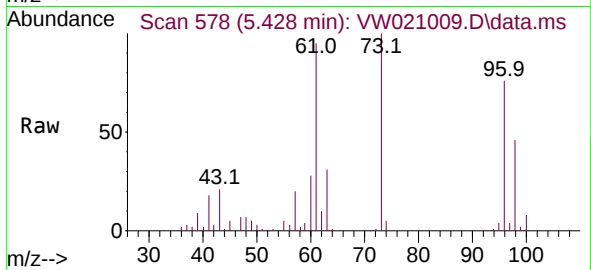




#17
trans-1,2-Dichloroethene
Concen: 24.413 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

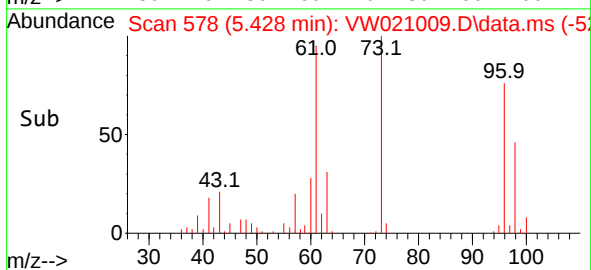
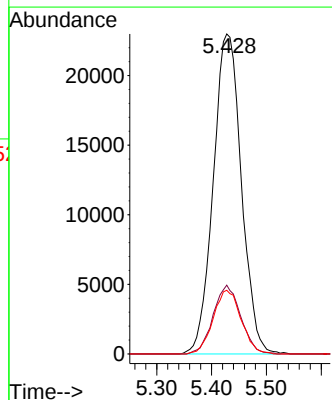
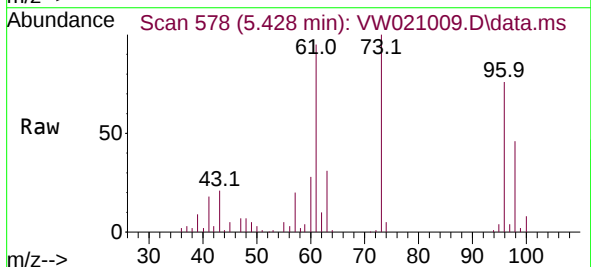
Instrument :
MSVOA_W
ClientSampleId :

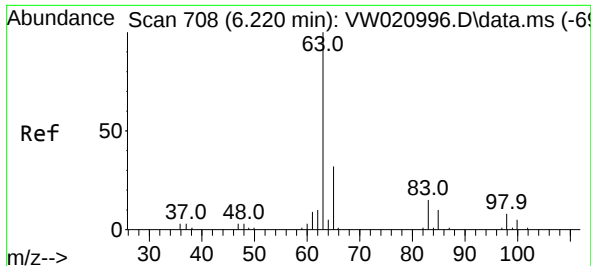
Tgt Ion: 96 Resp: 52020
Ion Ratio Lower Upper
96 100
61 124.7 107.4 199.4
98 60.3 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.623 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion: 73 Resp: 81956
Ion Ratio Lower Upper
73 100
43 21.0 19.5 29.3
57 19.8 19.3 28.9

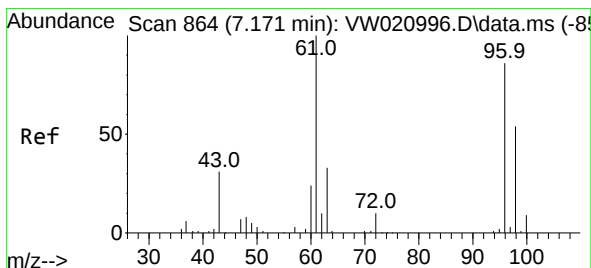
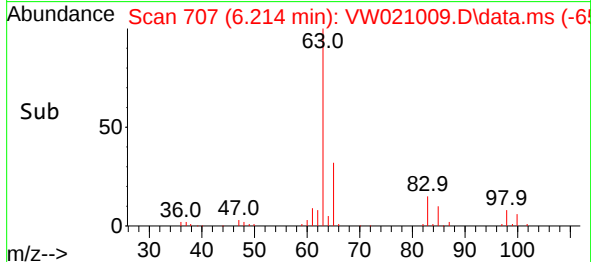
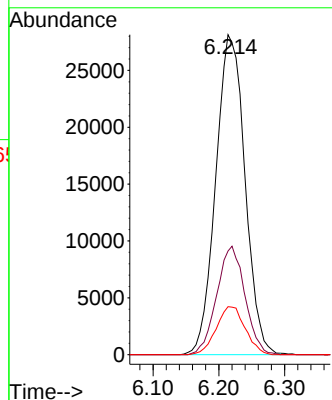
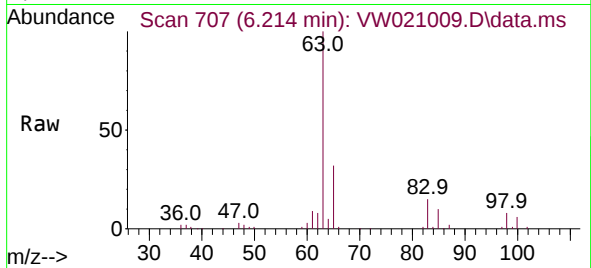




#19
1,1-Dichloroethane
Concen: 24.653 ug/L
RT: 6.214 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

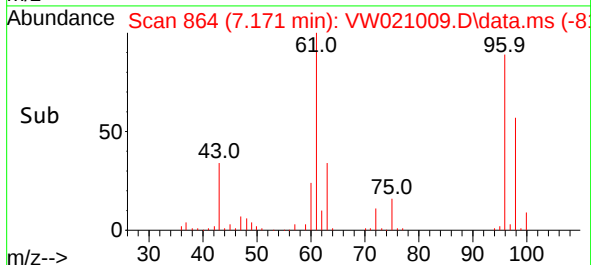
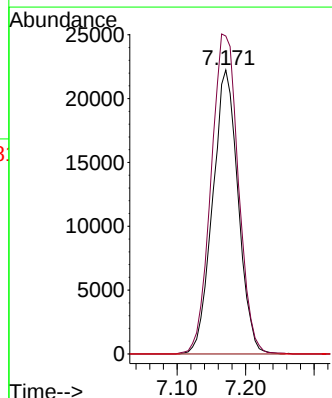
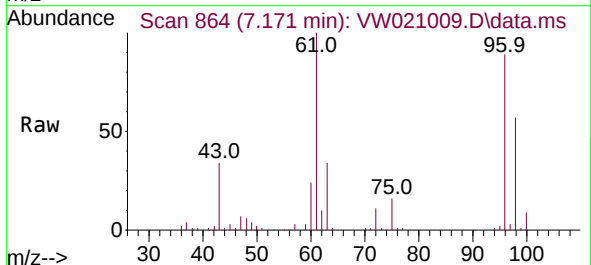
Instrument :
MSVOA_W
ClientSampleId :

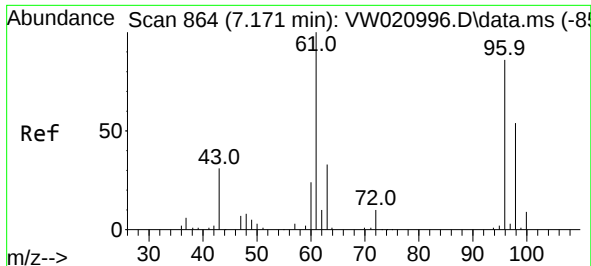
Tgt Ion: 63 Resp: 87039
Ion Ratio Lower Upper
63 100
65 32.4 22.1 41.1
83 15.0 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 24.982 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion: 96 Resp: 57372
Ion Ratio Lower Upper
96 100
61 112.0 103.7 192.7
68 0.0 0.0 0.0

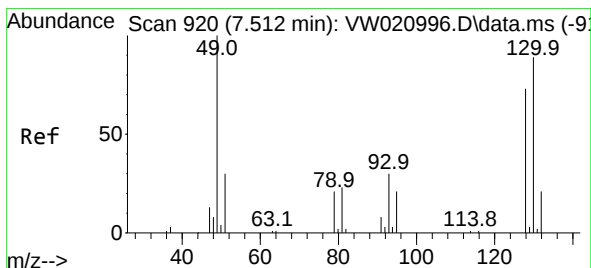
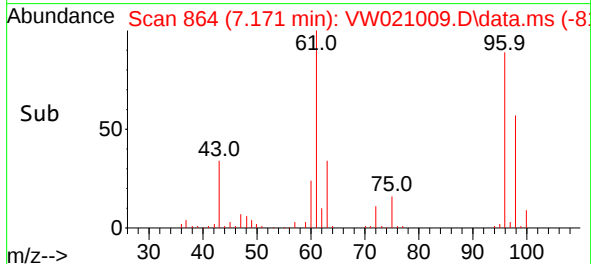
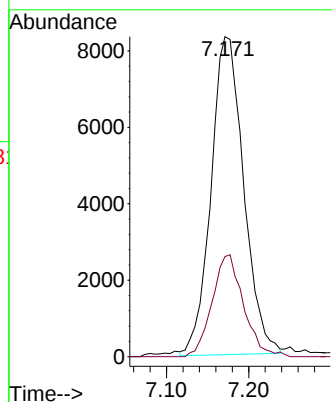
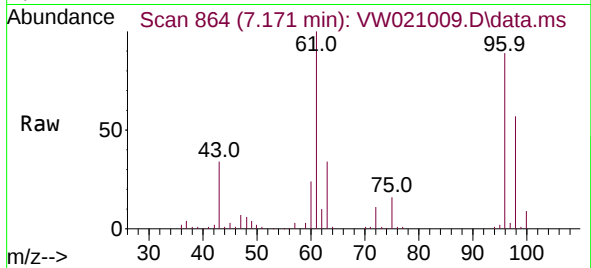




#22
2-Butanone
Concen: 41.479 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

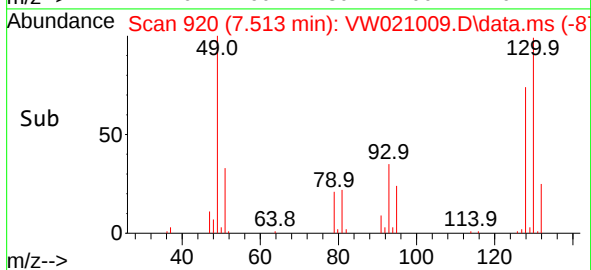
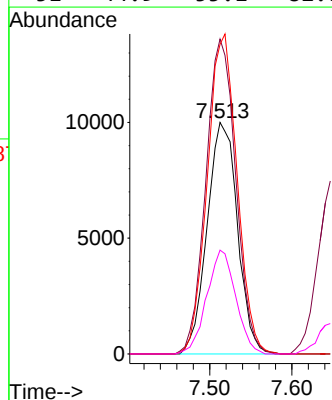
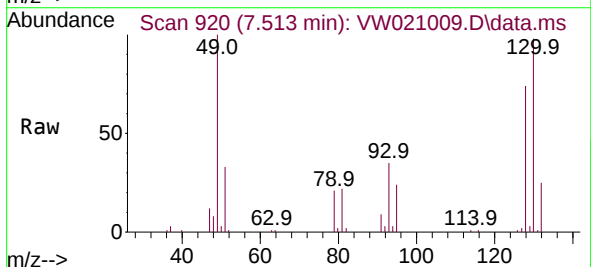
Instrument :
MSVOA_W
ClientSampleId :

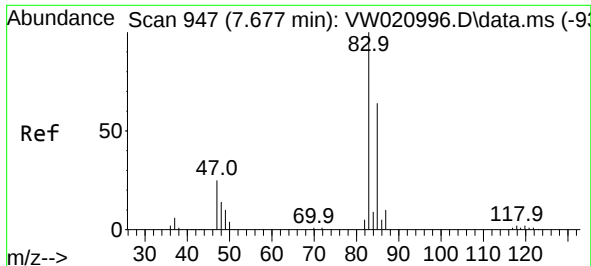
Tgt Ion: 43 Resp: 22987
Ion Ratio Lower Upper
43 100
72 30.8 11.8 35.4



#23
Bromochloromethane
Concen: 24.469 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion: 128 Resp: 25690
Ion Ratio Lower Upper
128 100
49 136.0 150.3 279.1#
130 133.7 88.3 163.9
51 44.9 55.1 82.7#

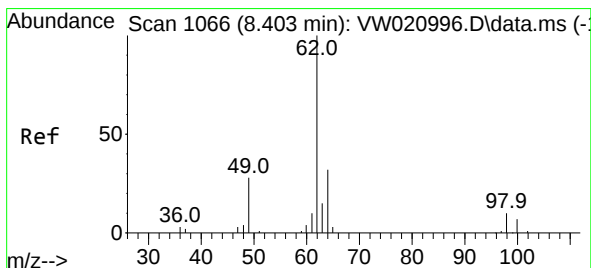
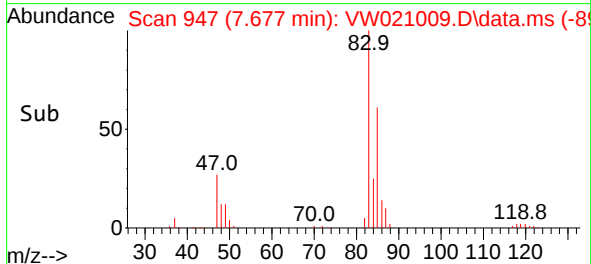
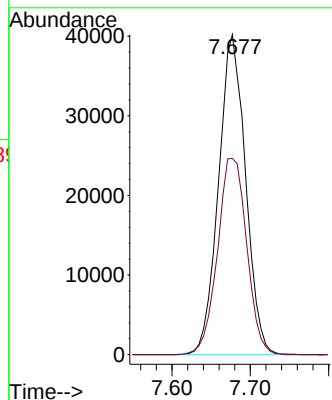
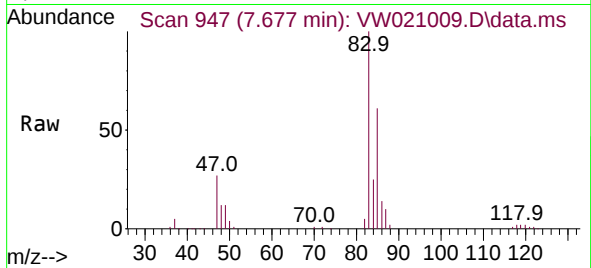




#25
Chloroform
Concen: 24.939 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

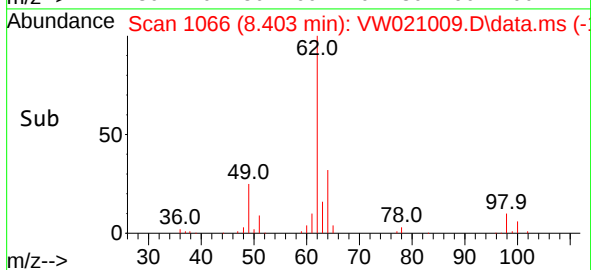
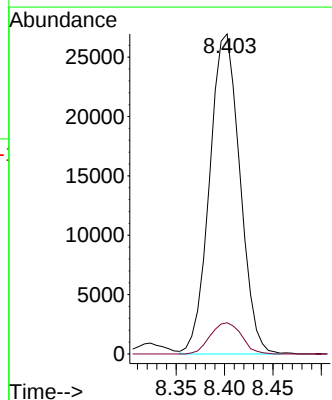
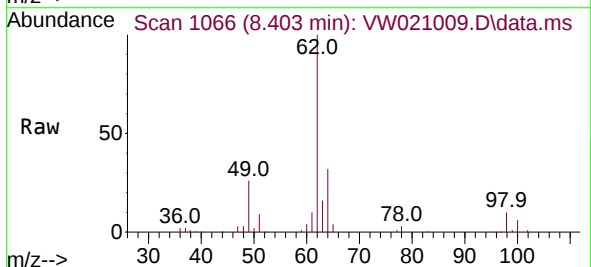
Instrument :
MSVOA_W
ClientSampleId :

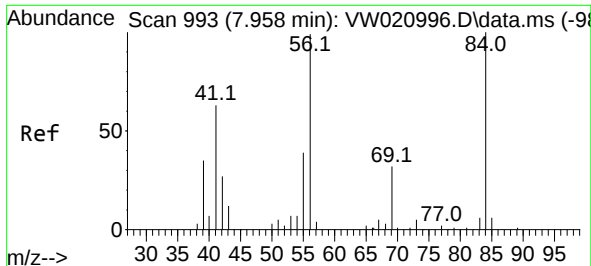
Tgt Ion: 83 Resp: 96240
Ion Ratio Lower Upper
83 100
85 61.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.176 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

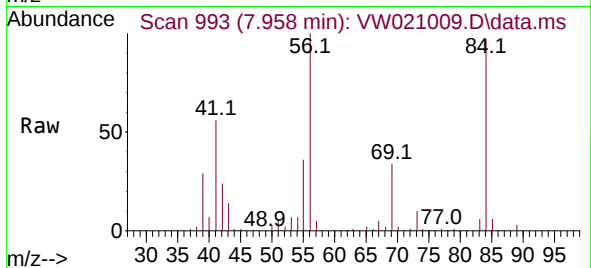
Tgt Ion: 62 Resp: 58829
Ion Ratio Lower Upper
62 100
98 9.8 6.5 9.7#



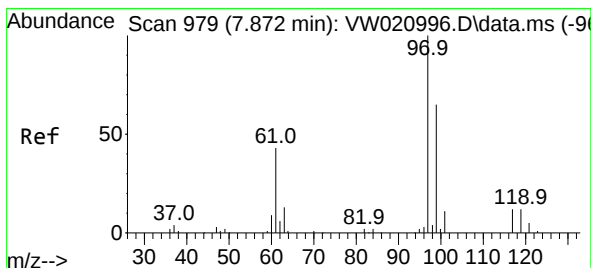
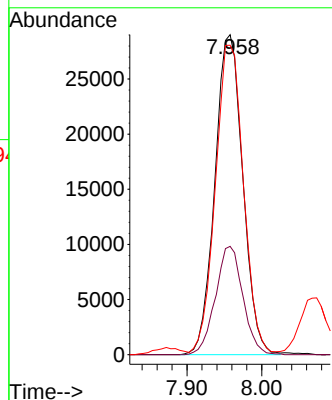
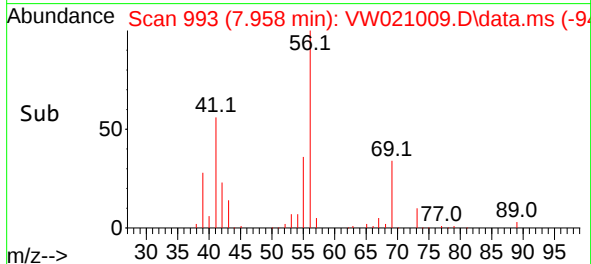


#29
Cyclohexane
Concen: 24.050 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Instrument :
MSVOA_W
ClientSampleId :

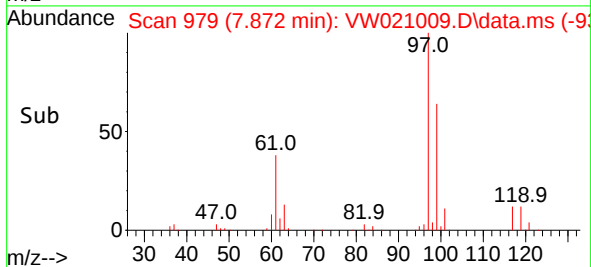
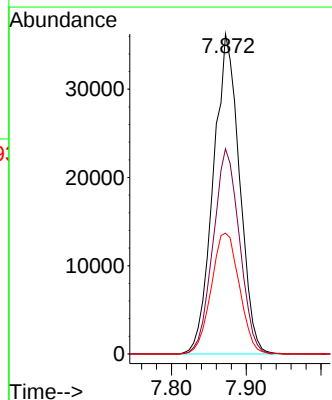
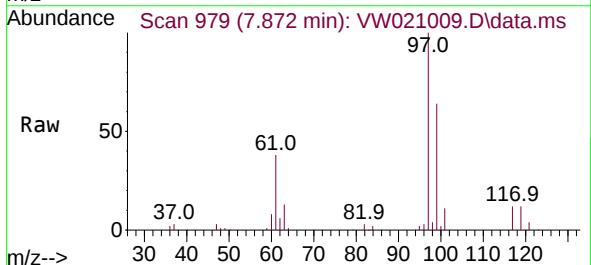


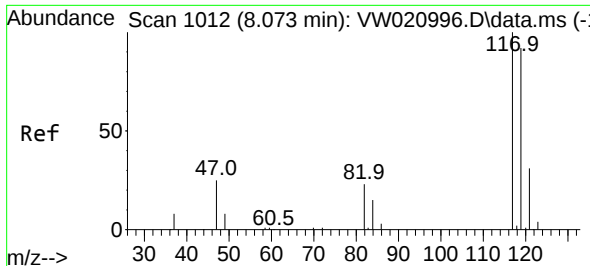
Tgt Ion: 56 Resp: 75314
Ion Ratio Lower Upper
56 100
69 33.2 23.5 35.3
84 97.6 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 26.058 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion: 97 Resp: 88020
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 40.6 40.9 61.3#

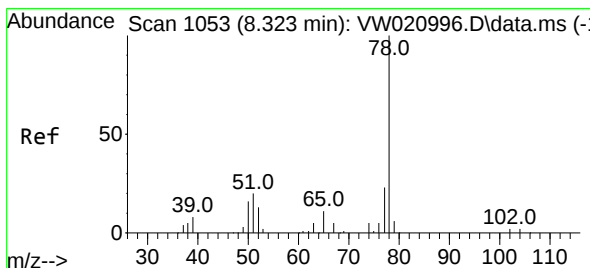
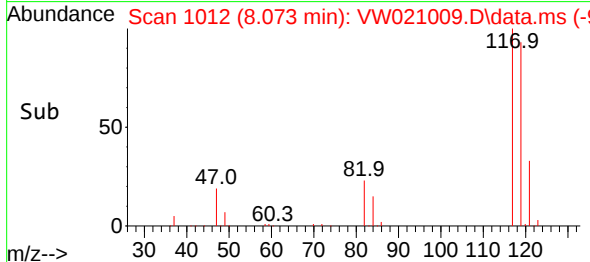
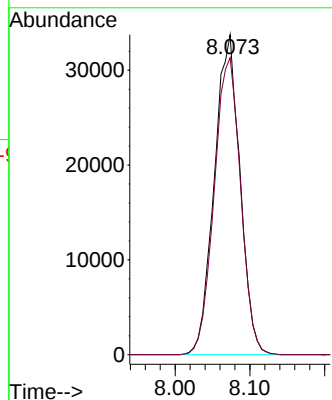
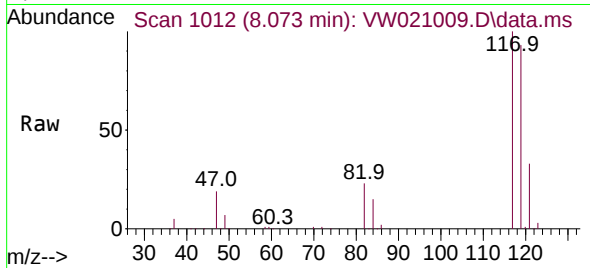




#31
Carbon tetrachloride
Concen: 25.215 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

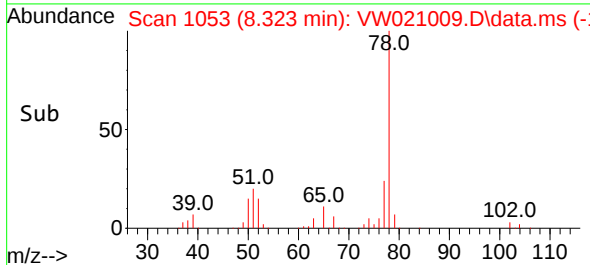
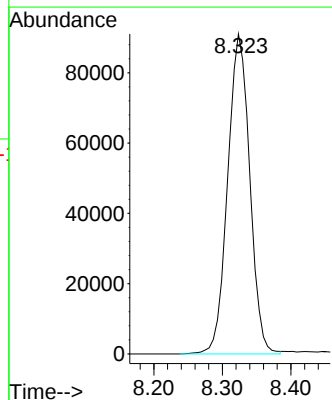
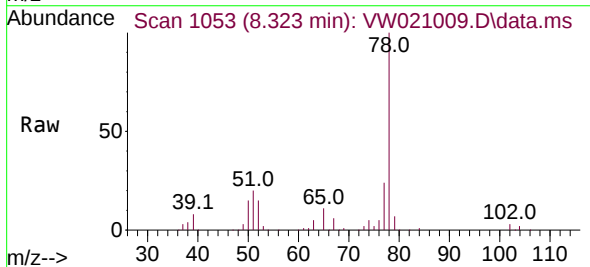
Instrument :
MSVOA_W
ClientSampleId :

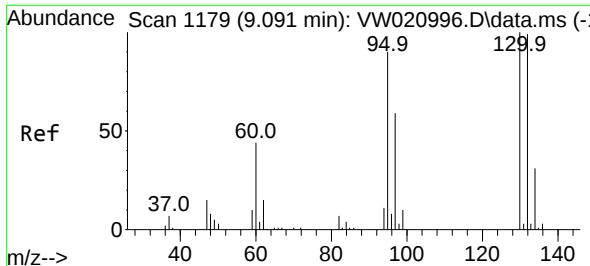
Tgt Ion:117 Resp: 80612
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5



#33
Benzene
Concen: 25.606 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

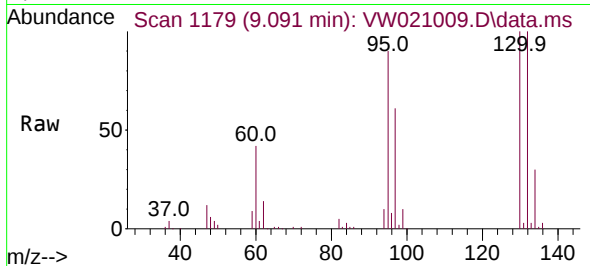
Tgt Ion: 78 Resp: 203643



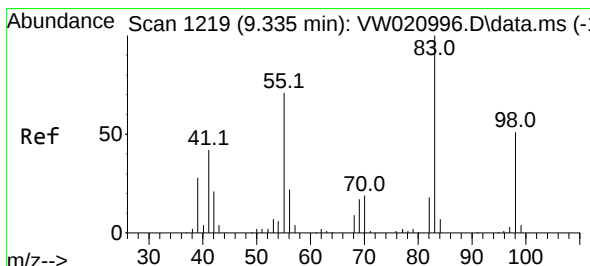
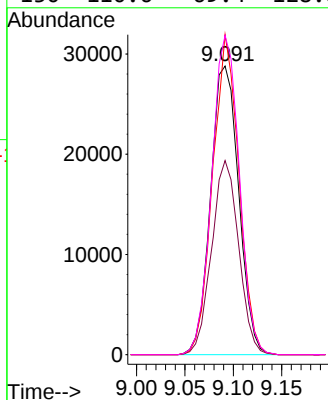
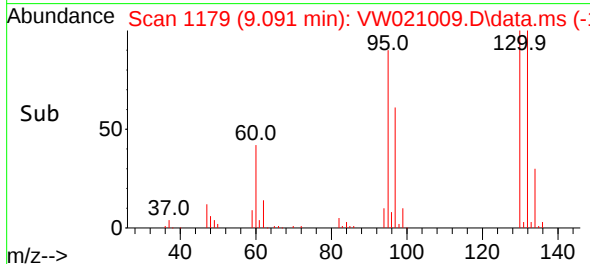


#34
Trichloroethene
Concen: 26.224 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

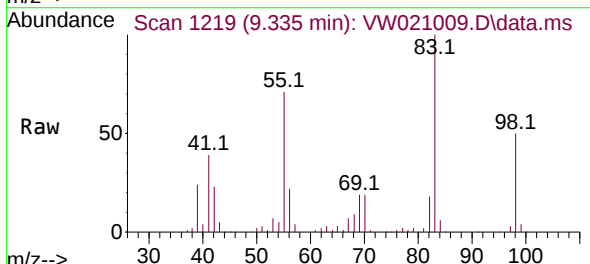
Instrument :
MSVOA_W
ClientSampleId :



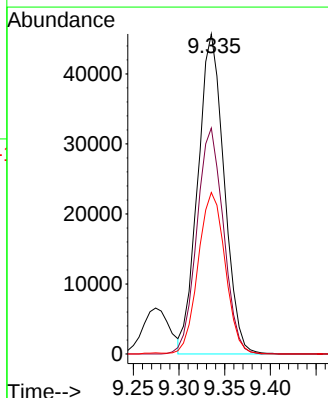
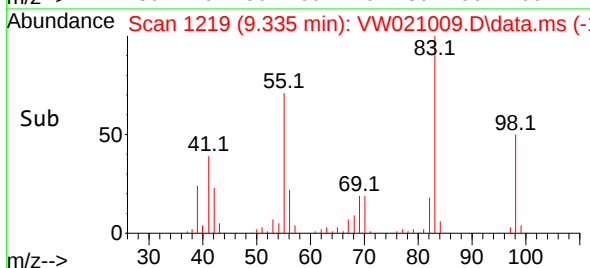
Tgt Ion: 95 Resp: 58336
Ion Ratio Lower Upper
95 100
97 67.3 47.0 87.2
132 110.9 65.5 121.6
130 110.6 69.4 128.8

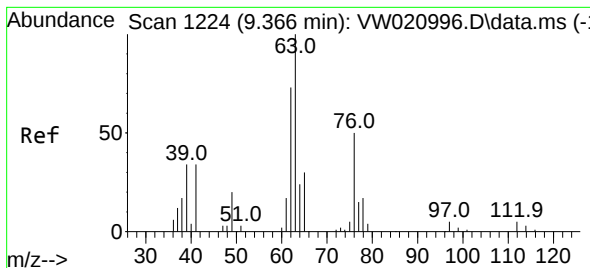


#35
Methylcyclohexane
Concen: 24.916 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58



Tgt Ion: 83 Resp: 91383
Ion Ratio Lower Upper
83 100
55 71.2 70.8 106.2
98 51.9 37.7 56.5





#37

1,2-Dichloropropane

Concen: 26.006 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

Instrument :

MSVOA_W

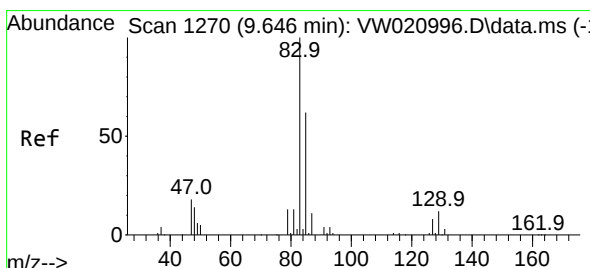
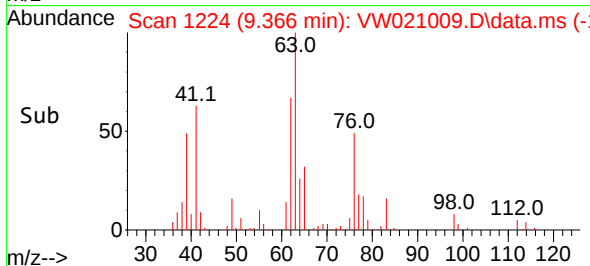
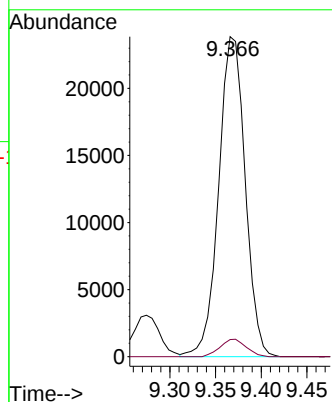
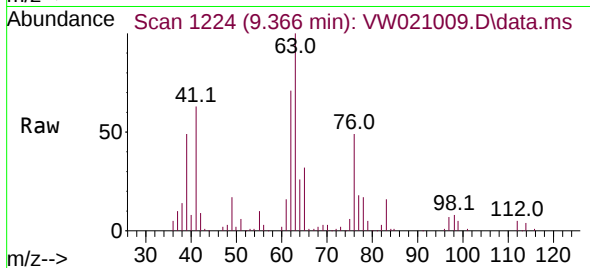
ClientSampleId :

Tgt Ion: 63 Resp: 48136

Ion Ratio Lower Upper

63 100

112 5.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 25.624 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

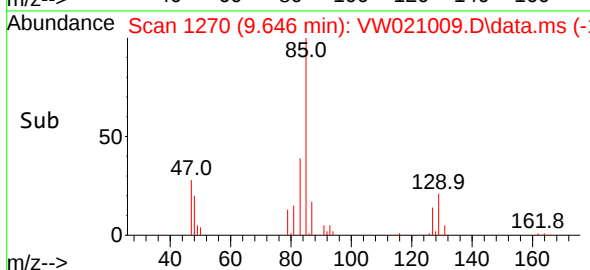
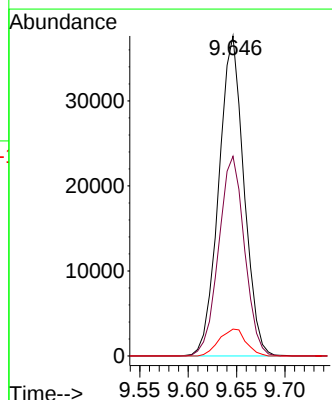
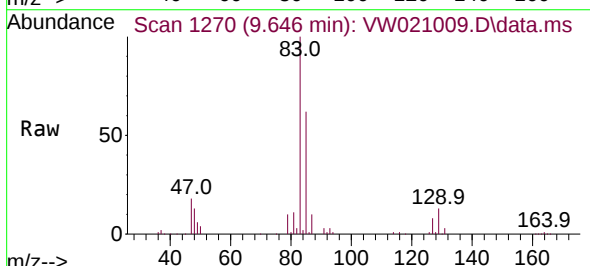
Tgt Ion: 83 Resp: 68064

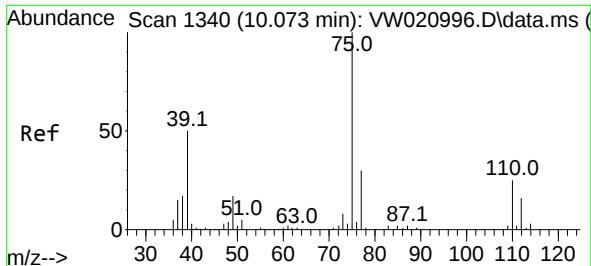
Ion Ratio Lower Upper

83 100

85 62.4 44.1 81.9

127 8.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 25.707 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

Instrument :

MSVOA_W

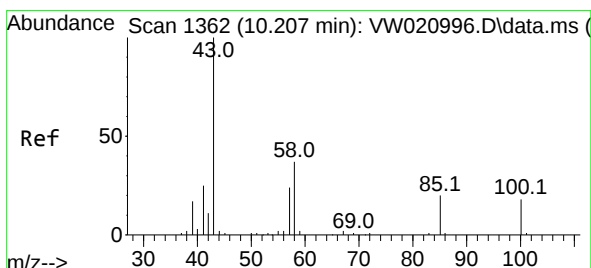
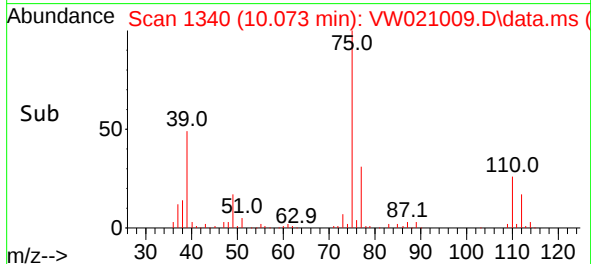
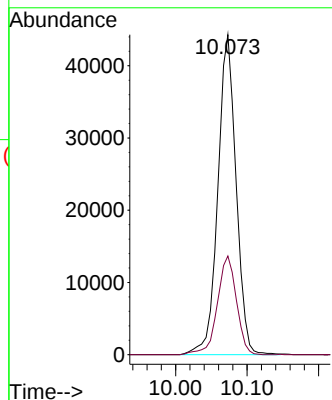
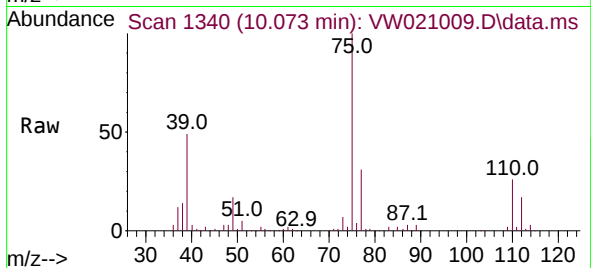
ClientSampleId :

Tgt Ion: 75 Resp: 78560

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.043 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

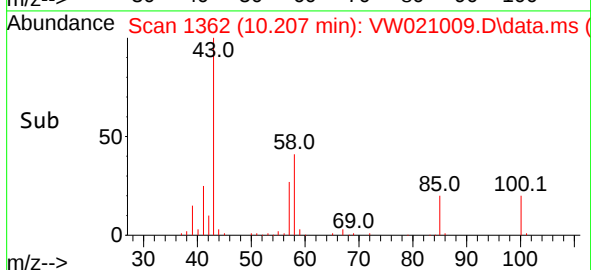
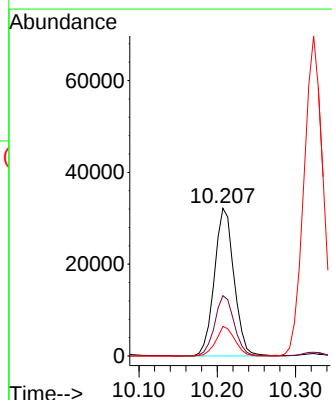
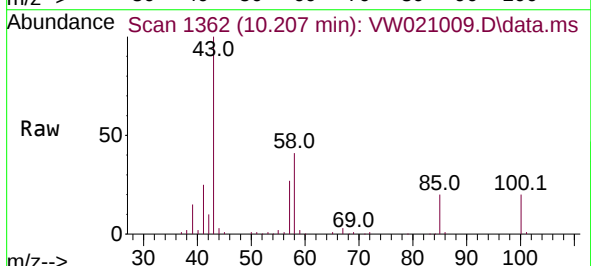
Tgt Ion: 43 Resp: 56233

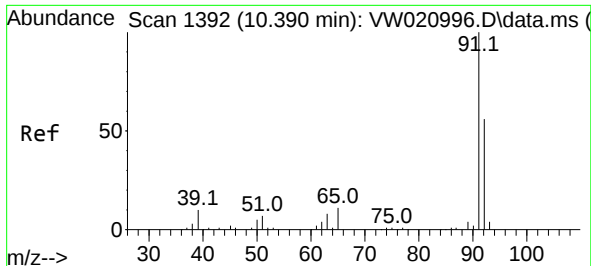
Ion Ratio Lower Upper

43 100

58 40.5 28.8 43.2

100 19.2 10.0 15.0#

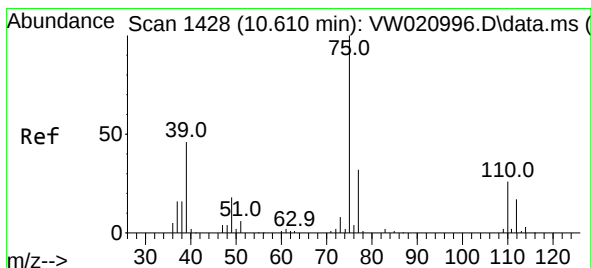
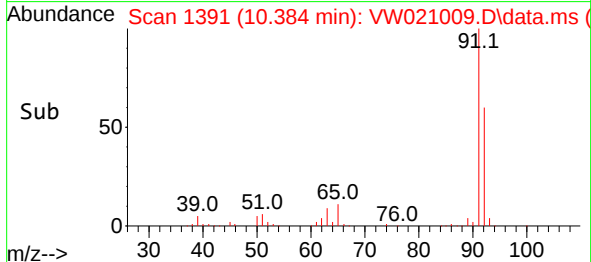
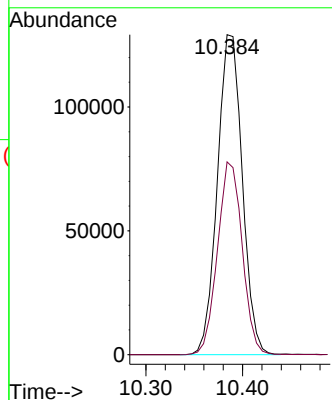
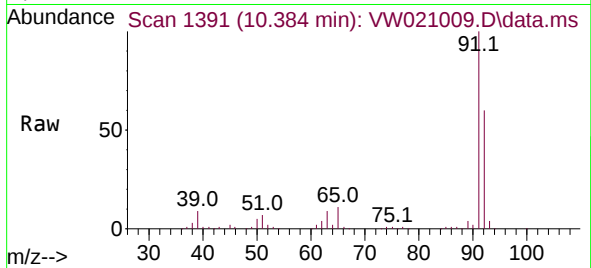




#42
Toluene
Concen: 25.875 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

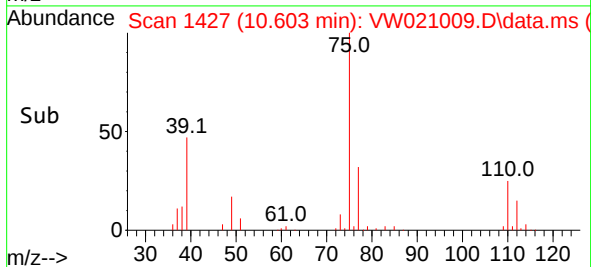
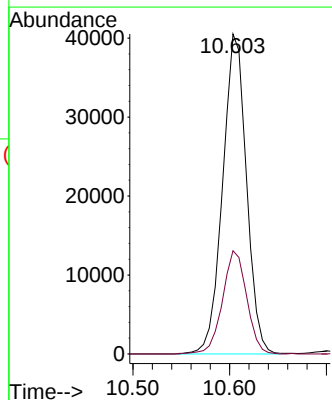
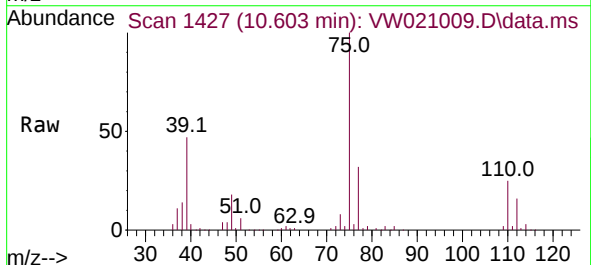
Instrument :
MSVOA_W
ClientSampleId :

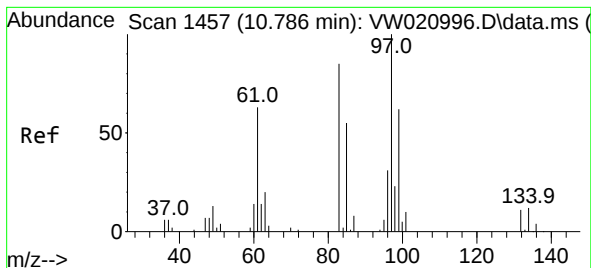
Tgt Ion: 91 Resp: 231470
Ion Ratio Lower Upper
91 100
92 60.3 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 25.784 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion: 75 Resp: 69251
Ion Ratio Lower Upper
75 100
77 32.3 22.2 41.2

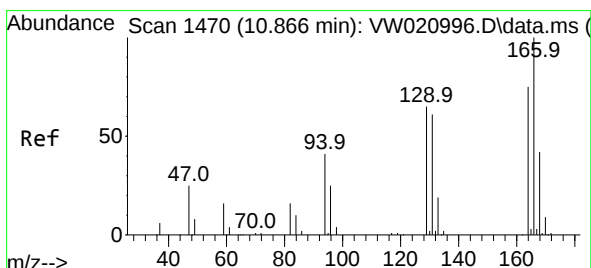
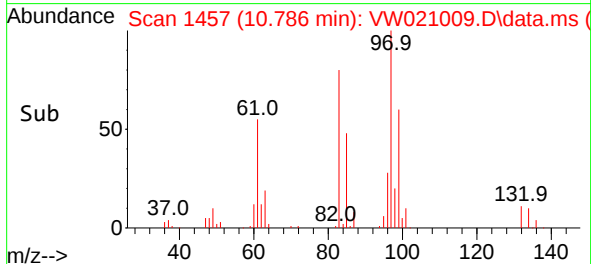
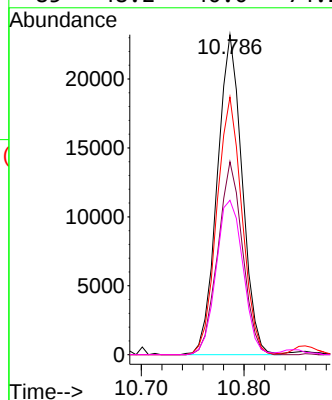
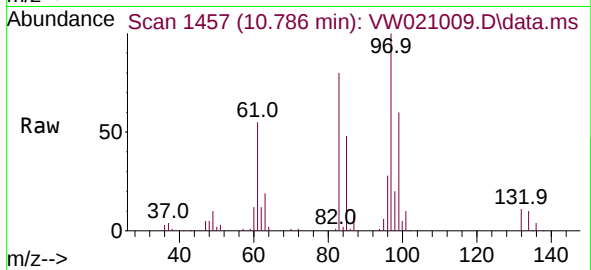




#45
1,1,2-Trichloroethane
Concen: 27.126 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

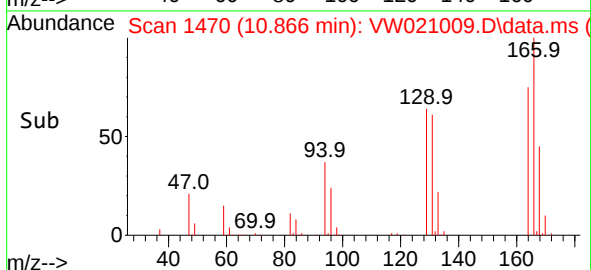
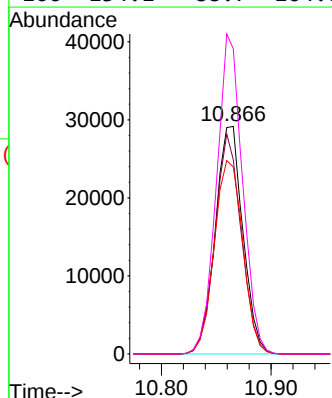
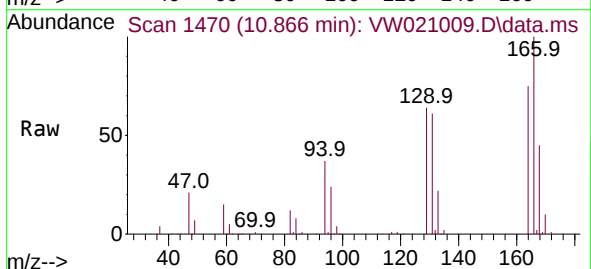
Instrument :
MSVOA_W
ClientSampleId :

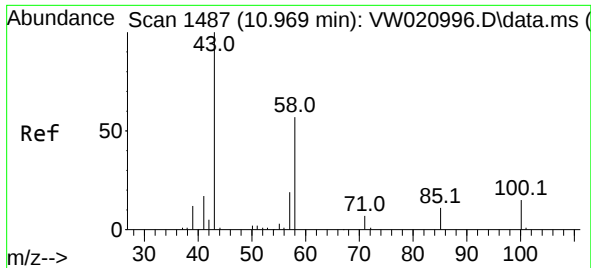
Tgt Ion: 97	Resp: 39049
Ion Ratio	Lower Upper
97 100	
99 60.3	43.0 79.8
83 80.5	62.6 116.3
85 48.2	40.0 74.2



#46
Tetrachloroethene
Concen: 24.953 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt	Ion:164	Resp:	50967
Ion	Ratio	Lower	Upper
164	100		
129	85.3	65.5	121.7
131	82.1	59.7	110.9
166	134.1	88.7	164.7

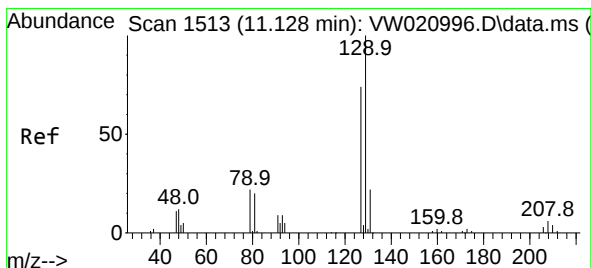
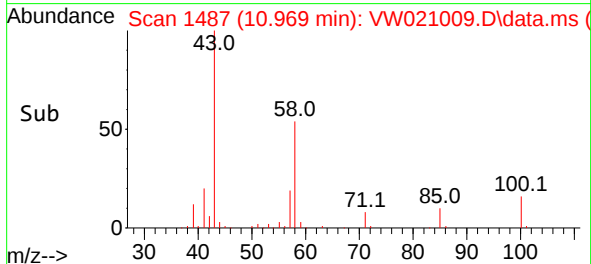
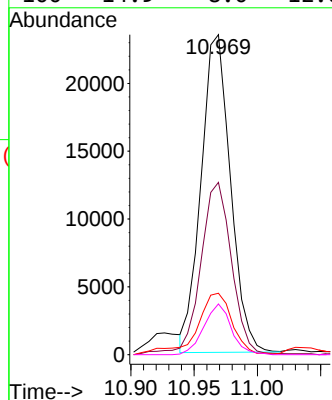
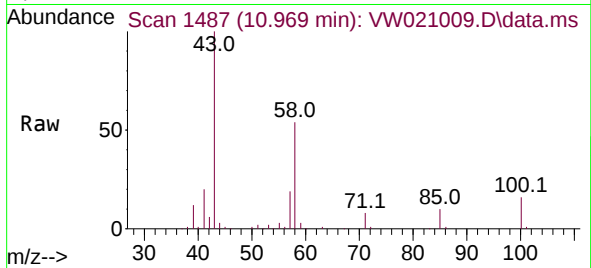




#48
2-Hexanone
Concen: 49.713 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

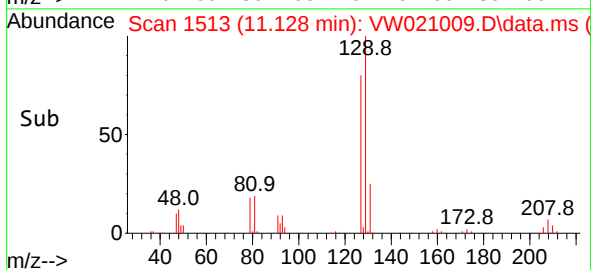
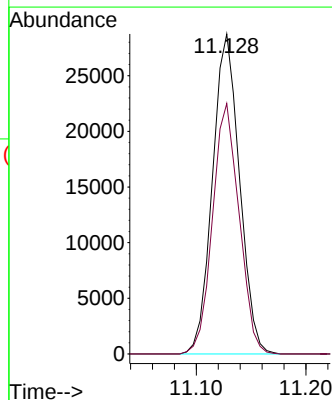
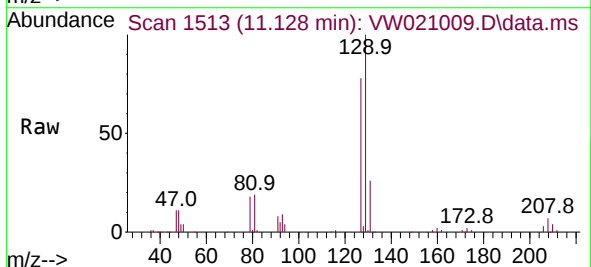
Instrument :
MSVOA_W
ClientSampleId :

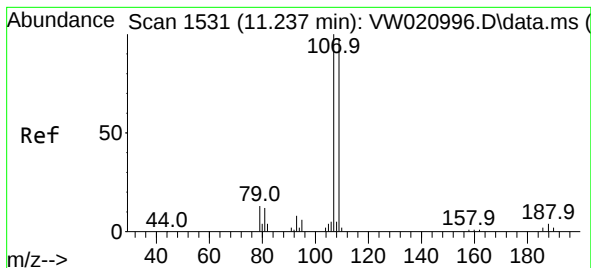
Tgt Ion: 43	Resp: 37936
Ion Ratio	Lower Upper
43 100	
58 57.3	40.2 60.2
57 21.6	14.3 21.5#
100 14.9	8.0 12.0#



#49
Dibromochloromethane
Concen: 24.833 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion: 129	Resp: 49284
Ion Ratio	Lower Upper
129 100	
127 78.3	55.7 103.5





#50

1,2-Dibromoethane

Concen: 26.209 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

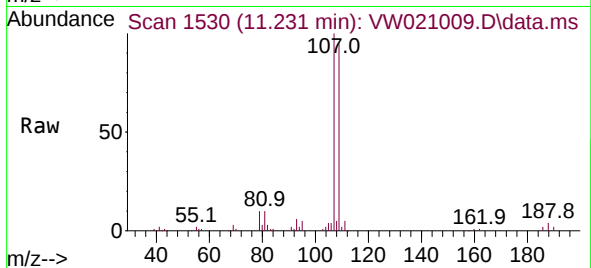
Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :



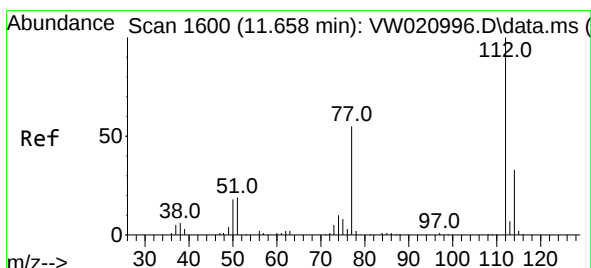
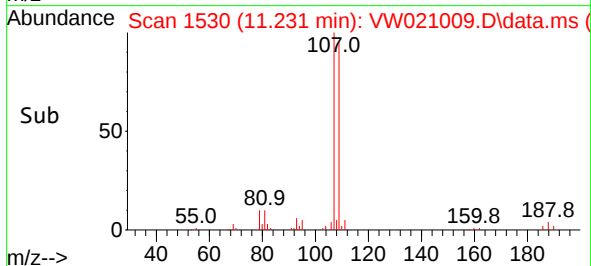
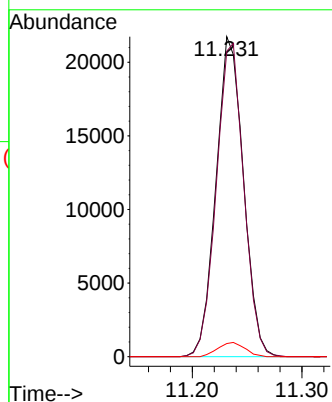
Tgt Ion:107 Resp: 37826

Ion Ratio Lower Upper

107 100

109 95.4 64.1 119.1

188 4.1 2.6 3.8#



#51

Chlorobenzene

Concen: 26.098 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

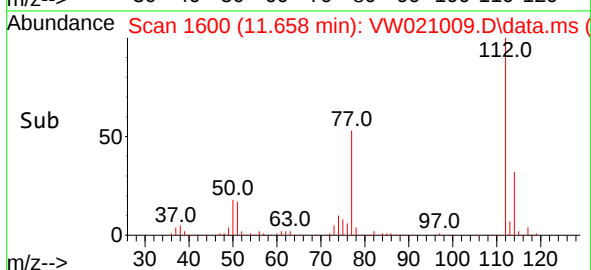
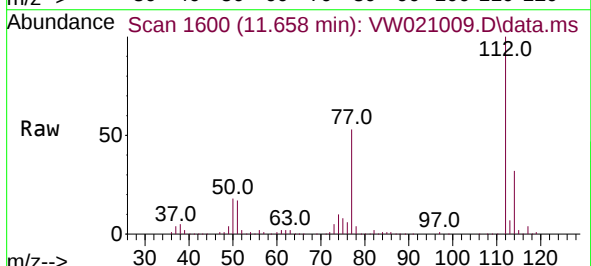
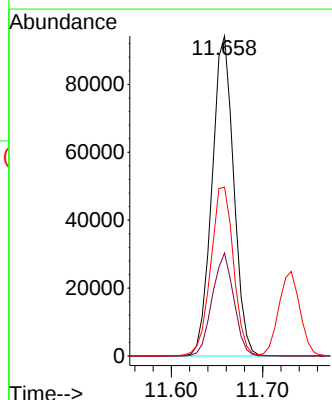
Tgt Ion:112 Resp: 155277

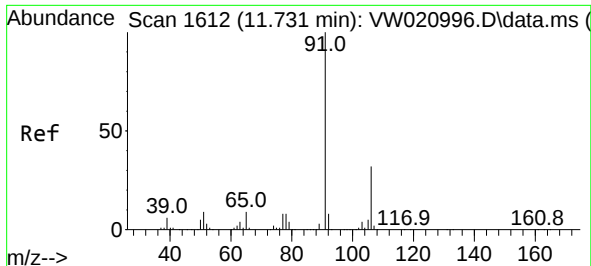
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 52.7 50.2 75.4

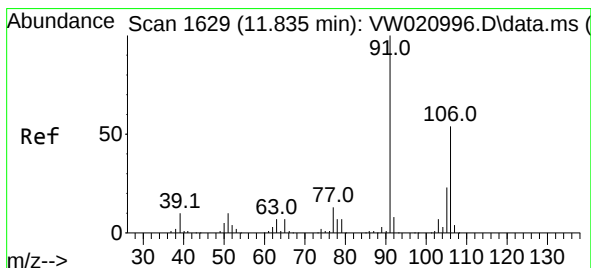
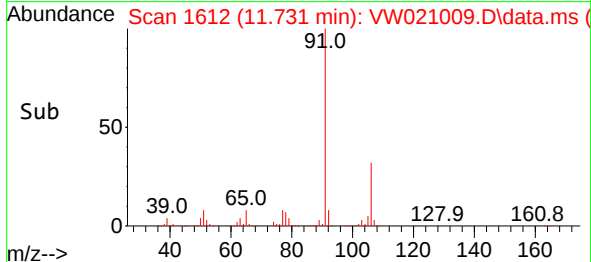
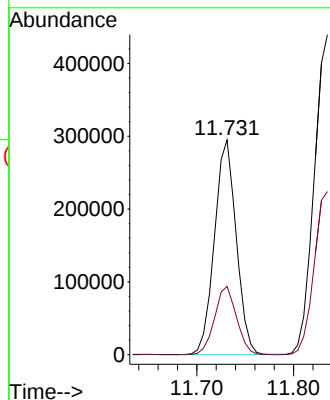
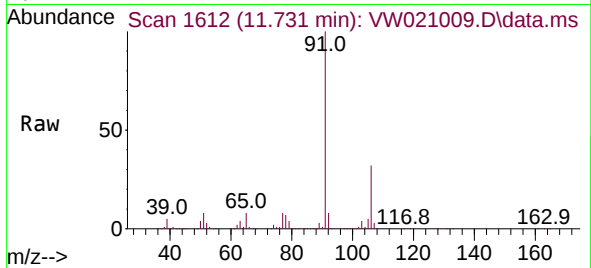




#52
Ethylbenzene
Concen: 46.348 ug/L
RT: 11.731 min Scan# 1161
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

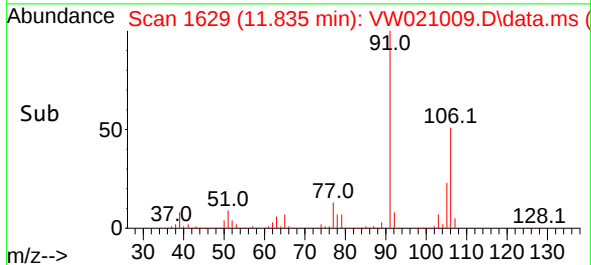
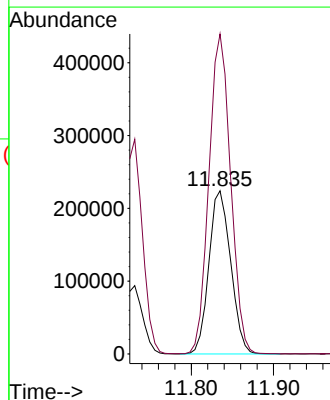
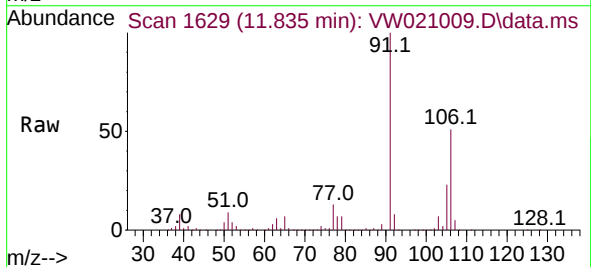
Instrument :
MSVOA_W
ClientSampleId :

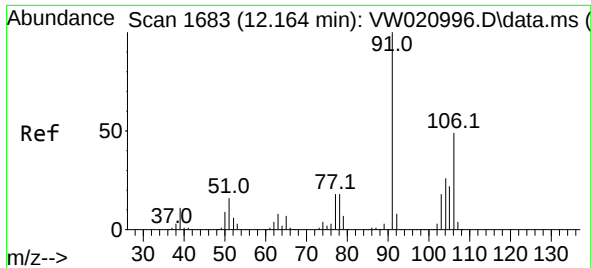
Tgt Ion: 91 Resp: 459432
Ion Ratio Lower Upper
91 100
106 31.8 21.5 39.9



#53
m,p-Xylene
Concen: 101.777 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion:106 Resp: 411895
Ion Ratio Lower Upper
106 100
91 196.1 149.9 278.3

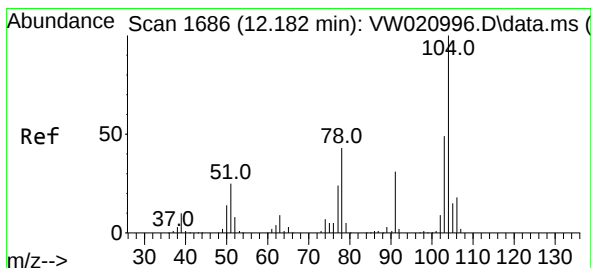
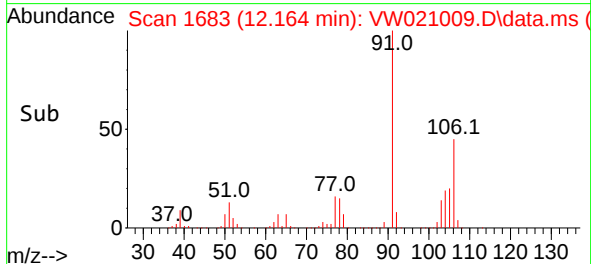
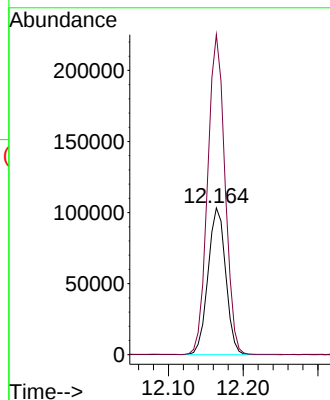
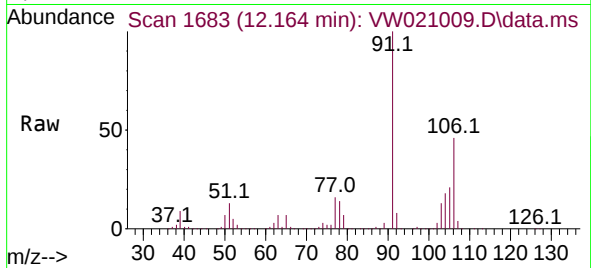




#54
o-Xylene
Concen: 43.513 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

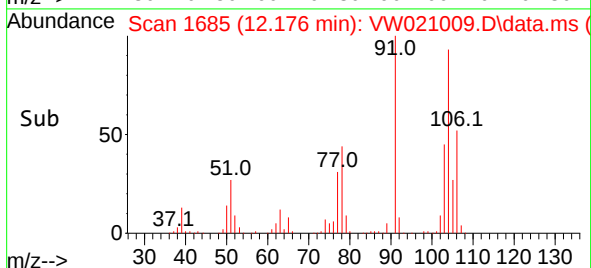
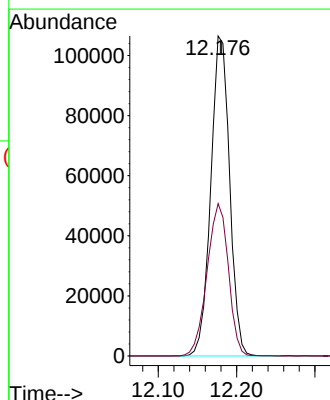
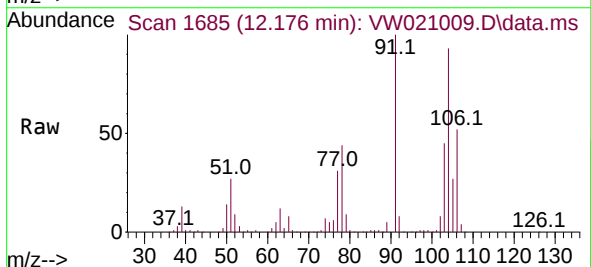
Instrument :
MSVOA_W
ClientSampleId :

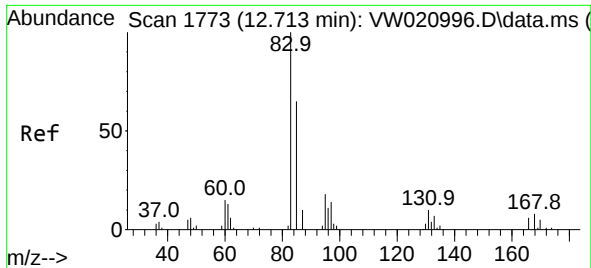
Tgt Ion:106 Resp: 169125
Ion Ratio Lower Upper
106 100
91 218.0 153.6 285.3



#55
Styrene
Concen: 27.544 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion:104 Resp: 177762
Ion Ratio Lower Upper
104 100
78 47.6 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 27.605 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021009.D

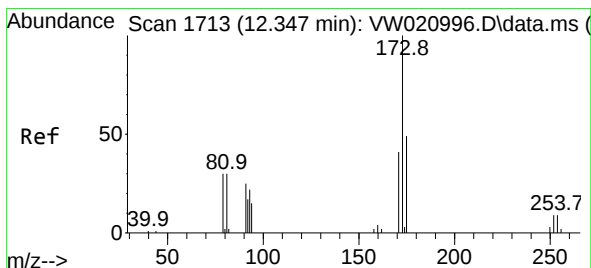
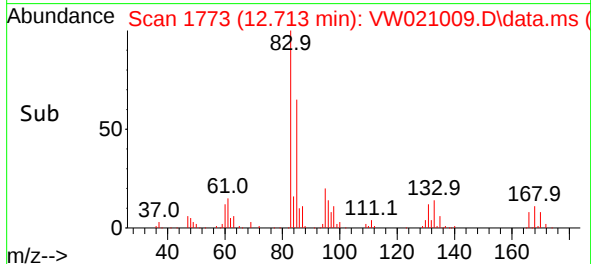
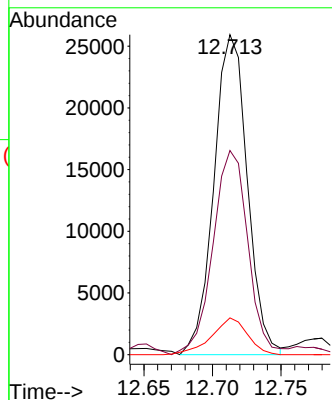
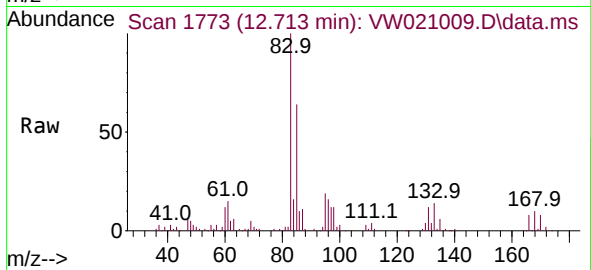
Acq: 01 Dec 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	44045
Ion Ratio	Lower	Upper	
83	100		
85	63.8	44.0	81.6
131	11.5	6.9	10.3#



#59

Bromoform

Concen: 23.941 ug/L

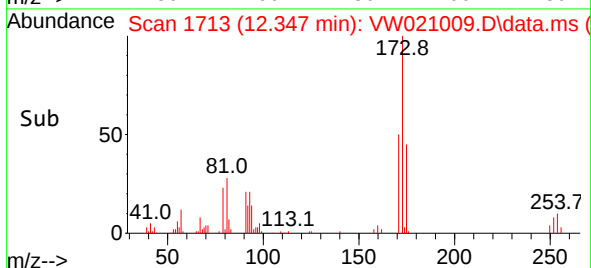
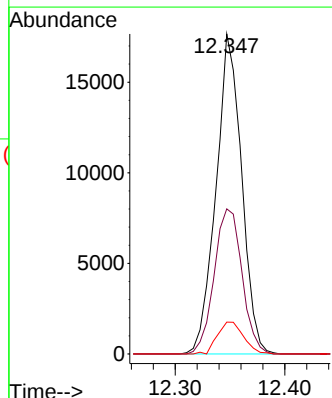
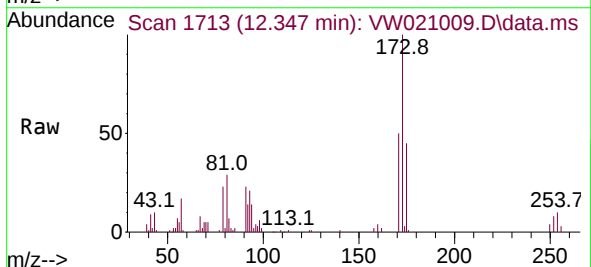
RT: 12.347 min Scan# 1713

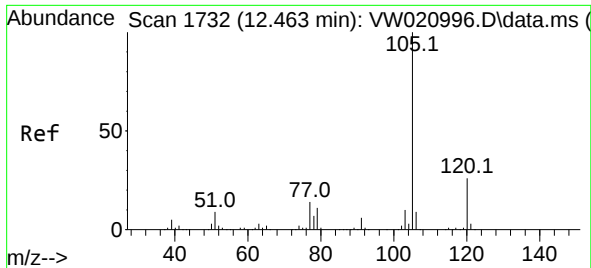
Delta R.T. 0.000 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

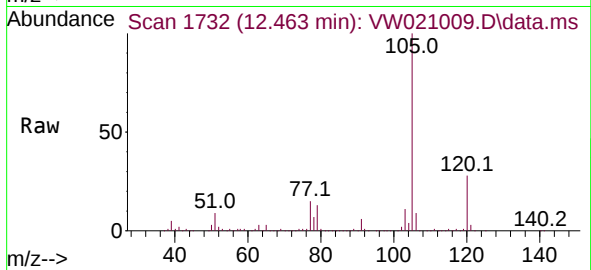
Tgt Ion:	173	Resp:	28660
Ion Ratio	Lower	Upper	
173	100		
175	49.3	39.6	59.4
254	10.1	7.4	11.0



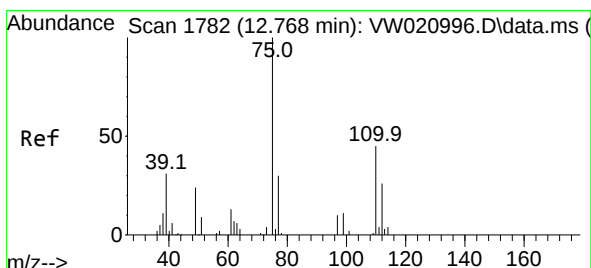
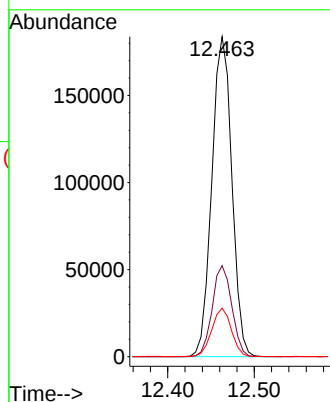
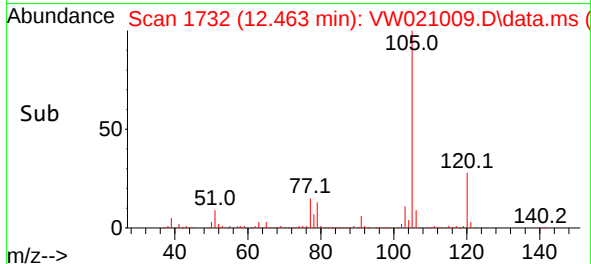


#60
Isopropylbenzene
Concen: 26.989 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

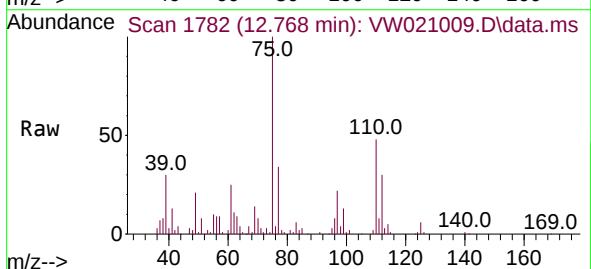
Instrument :
MSVOA_W
ClientSampleId :



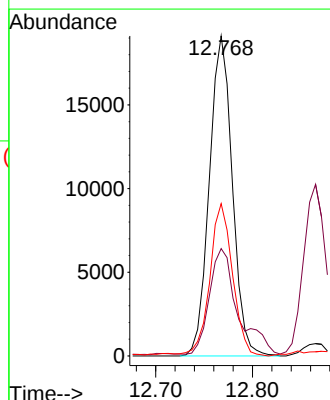
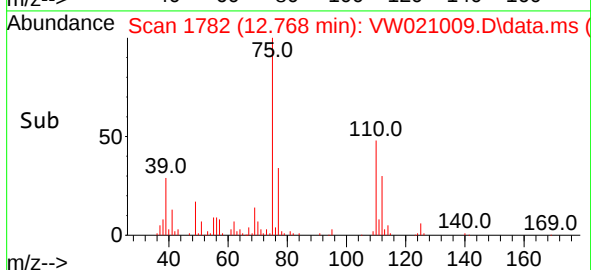
Tgt Ion:105 Resp: 295130
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 14.8 13.8 20.8

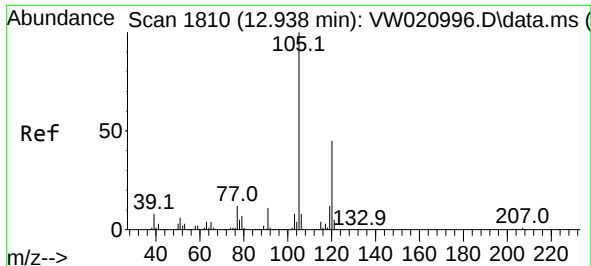


#61
1,2,3-Trichloropropane
Concen: 26.836 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58



Tgt Ion: 75 Resp: 31604
Ion Ratio Lower Upper
75 100
77 34.8 25.8 38.8
110 47.1 29.0 43.4#

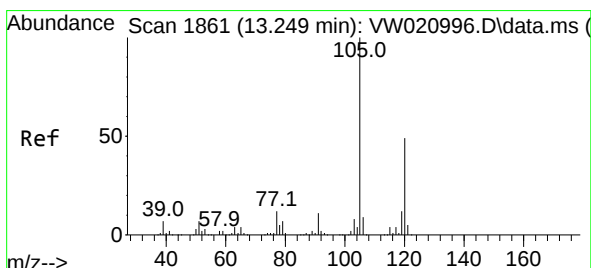
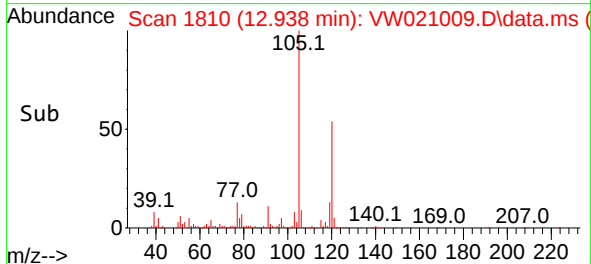
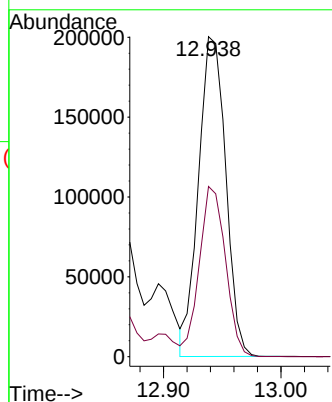
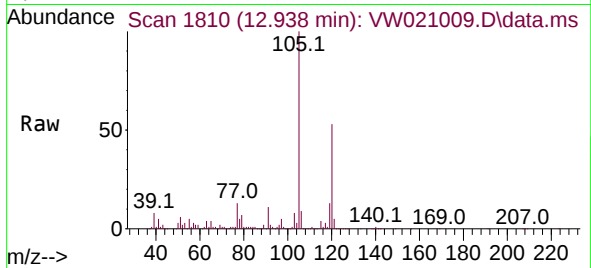




#62
 1,3,5-Trimethylbenzene
 Concen: 34.926 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW021009.D
 Acq: 01 Dec 2021 18:58

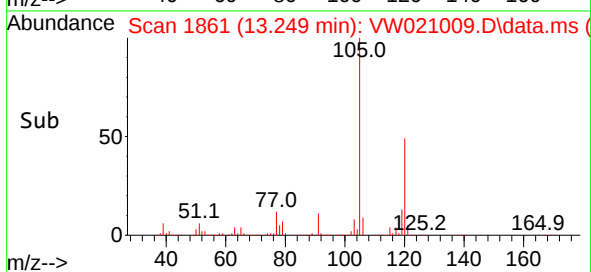
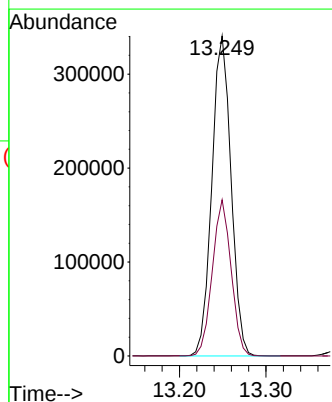
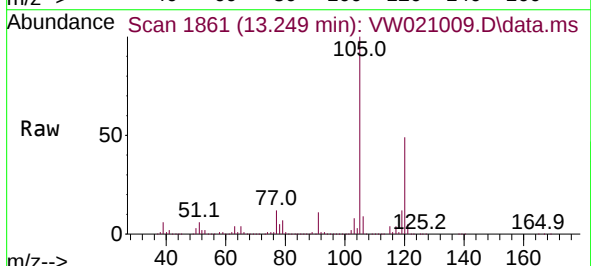
Instrument :
 MSVOA_W
 ClientSampleId :

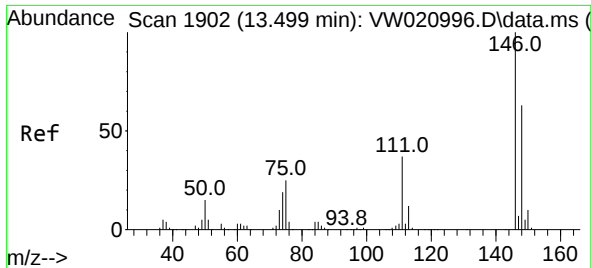
Tgt Ion:105 Resp: 322185
 Ion Ratio Lower Upper
 105 100
 120 51.1 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 57.639 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW021009.D
 Acq: 01 Dec 2021 18:58

Tgt Ion:105 Resp: 524609
 Ion Ratio Lower Upper
 105 100
 120 47.7 35.0 52.6

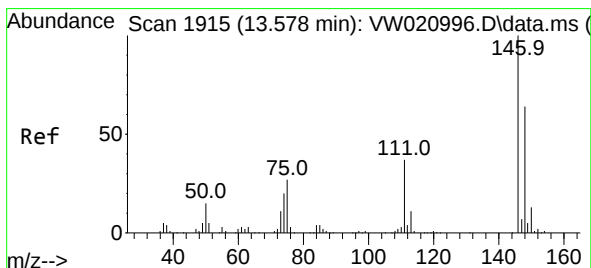
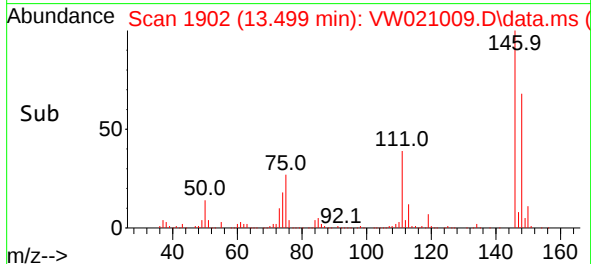
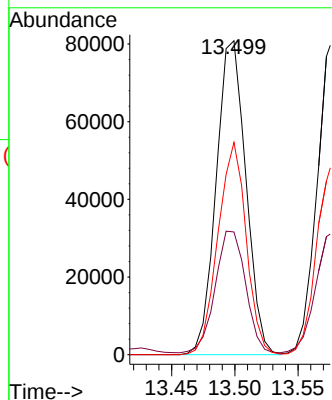
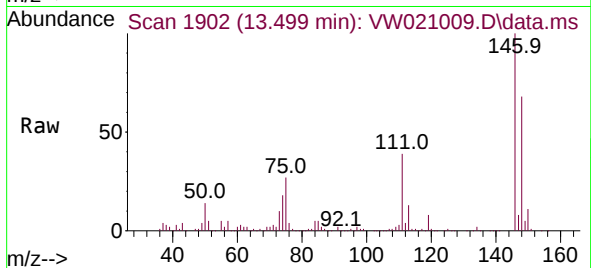




#64
1,3-Dichlorobenzene
Concen: 25.745 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

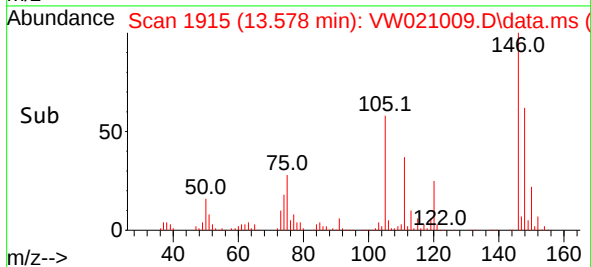
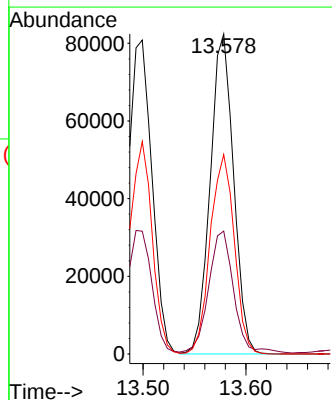
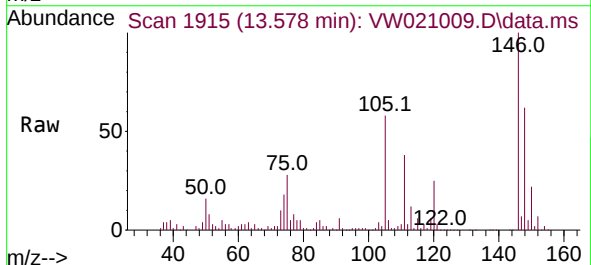
Instrument :
MSVOA_W
ClientSampleId :

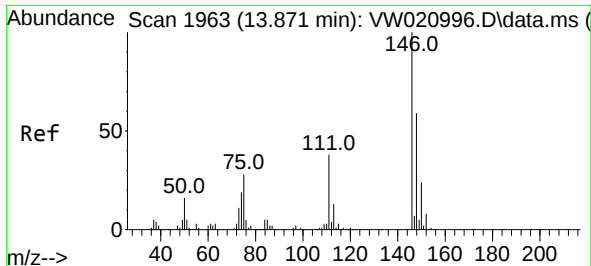
Tgt Ion:146 Resp: 131990
Ion Ratio Lower Upper
146 100
111 39.1 29.8 55.3
148 67.6 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.169 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021009.D
Acq: 01 Dec 2021 18:58

Tgt Ion:146 Resp: 130164
Ion Ratio Lower Upper
146 100
111 38.4 29.0 53.9
148 62.3 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.094 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :

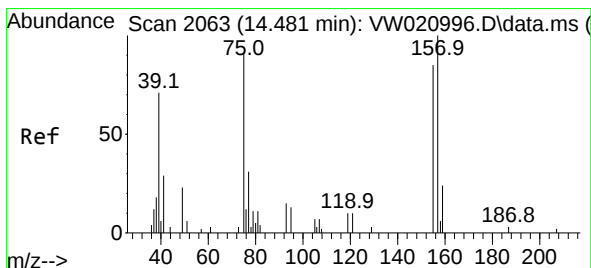
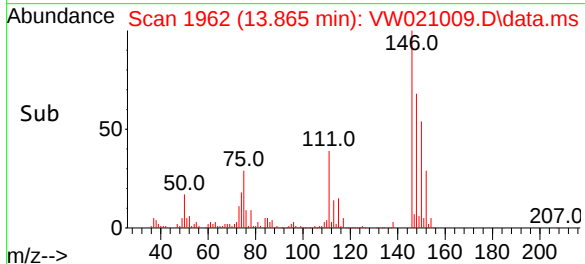
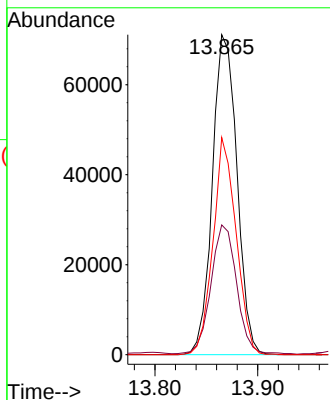
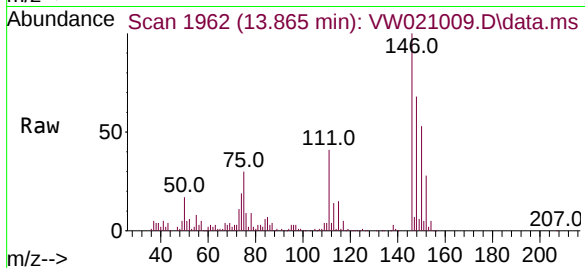
Tgt Ion:146 Resp: 117885

Ion Ratio Lower Upper

146 100

111 40.6 33.1 49.7

148 67.9 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.822 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

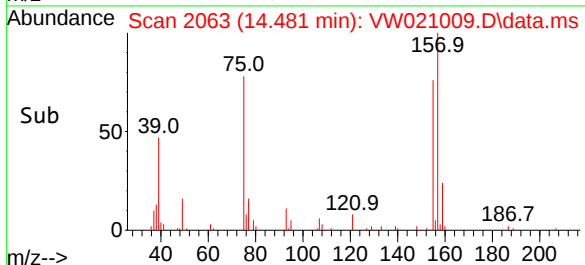
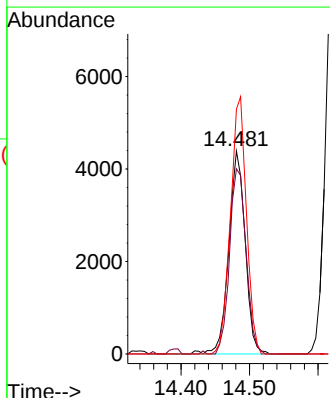
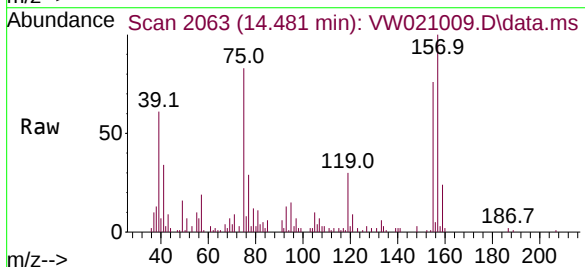
Tgt Ion: 75 Resp: 7270

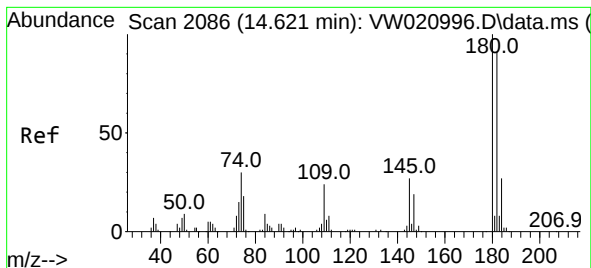
Ion Ratio Lower Upper

75 100

155 91.2 54.2 81.2#

157 120.6 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 25.948 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

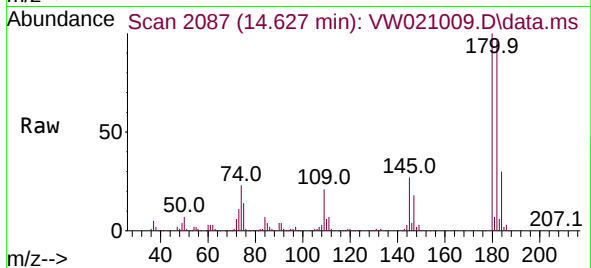
Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 105367

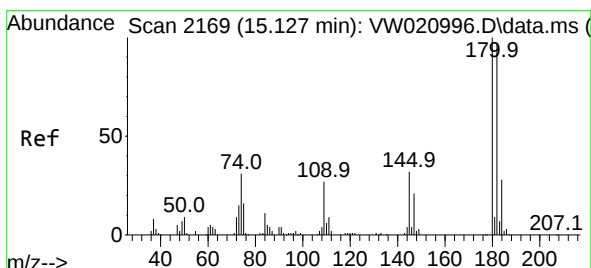
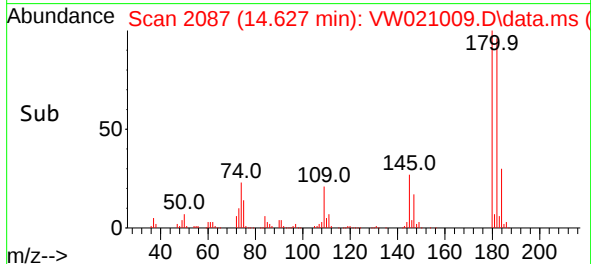
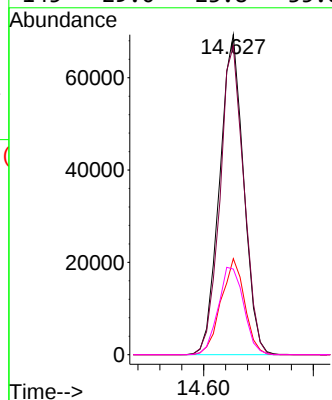
Ion Ratio Lower Upper

180 100

182 95.9 75.4 113.0

184 29.4 23.8 35.8

145 29.0 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 25.131 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

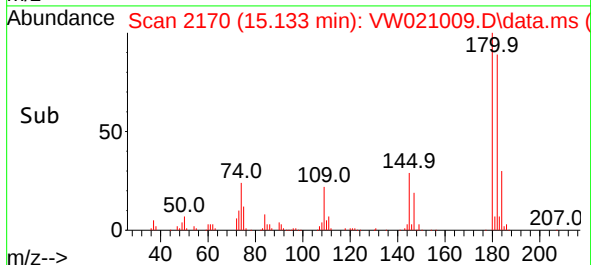
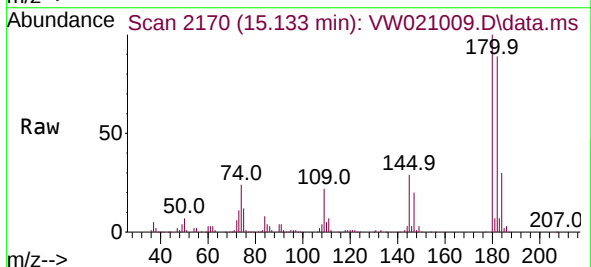
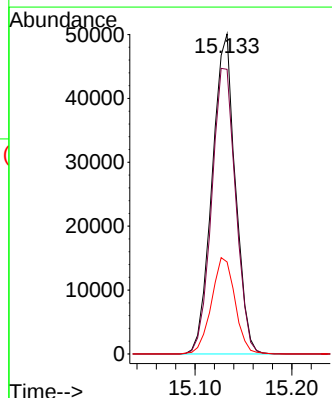
Tgt Ion:180 Resp: 83488

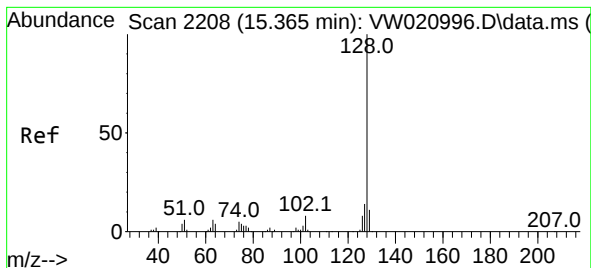
Ion Ratio Lower Upper

180 100

182 92.2 79.0 118.6

145 30.6 26.0 39.0





#71

Naphthalene

Concen: 30.212 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :

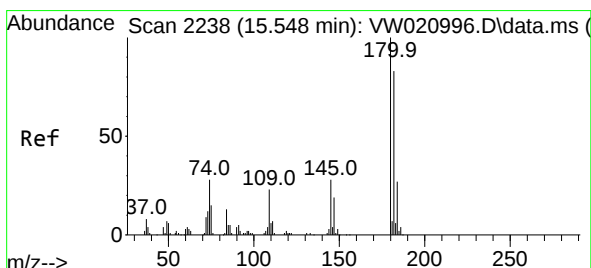
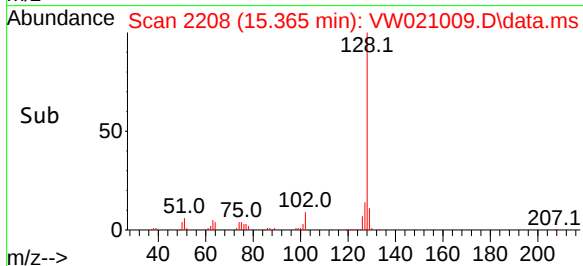
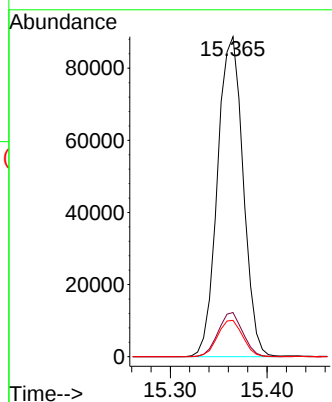
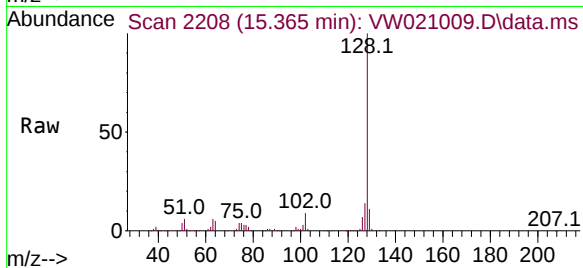
Tgt Ion:128 Resp: 163541

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.331 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW021009.D

Acq: 01 Dec 2021 18:58

Tgt Ion:180 Resp: 71012

Ion Ratio Lower Upper

180 100

182 88.9 76.6 114.8

145 32.8 27.4 41.0

