

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122721\
 Data File : VW021660.D
 Acq On : 27 Dec 2021 11:52
 Operator : SY/VA
 Sample : VSTSCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 28 00:37:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	113106	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	112669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68236	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43658	21.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.760%
7) Chloroethane-d5	2.885	69	30922	22.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.840%
11) 1,1-Dichloroethene-d2	4.019	63	69425	25.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.120%
21) 2-Butanone-d5	7.086	46	14709	50.656	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.320%
24) Chloroform-d	7.647	84	80968	25.688	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.760%
26) 1,2-Dichloroethane-d4	8.305	65	42195	25.166	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	8.275	84	152277	24.657	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	9.275	67	41365	24.975	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	10.323	98	150774	23.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.560%
43) trans-1,3-Dichloroprop...	10.579	79	19748	25.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.560%
47) 2-Hexanone-d5	10.927	63	13176	53.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.600%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	34748	24.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	61825	23.378	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	6796	15.551	ug/L	99
3) Chloromethane	2.215	50	27519	19.020	ug/L	98
5) Vinyl chloride	2.361	62	43631	19.210	ug/L	96
6) Bromomethane	2.782	94	27204	18.466	ug/L	93
8) Chloroethane	2.922	64	22210	21.226	ug/L	98
9) Trichlorofluoromethane	3.257	101	34975	29.184	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37859	24.240	ug/L	91
12) 1,1-Dichloroethene	4.044	96	33175	23.663	ug/L	78
13) Acetone	4.147	43	11529	44.289	ug/L	98
14) Carbon disulfide	4.379	76	71266	19.684	ug/L	100
15) Methyl Acetate	4.678	43	11017	24.529	ug/L	# 88
16) Methylene chloride	4.916	84	38089	20.381	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	35086	23.113	ug/L	80
18) Methyl tert-butyl Ether	5.428	73	54730	26.105	ug/L	94
19) 1,1-Dichloroethane	6.220	63	60300	25.314	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	39100	24.420	ug/L	76
22) 2-Butanone	7.177	43	15862	46.660	ug/L	87
23) Bromochloromethane	7.519	128	18195	24.303	ug/L	# 62
25) Chloroform	7.677	83	68878	24.909	ug/L	98

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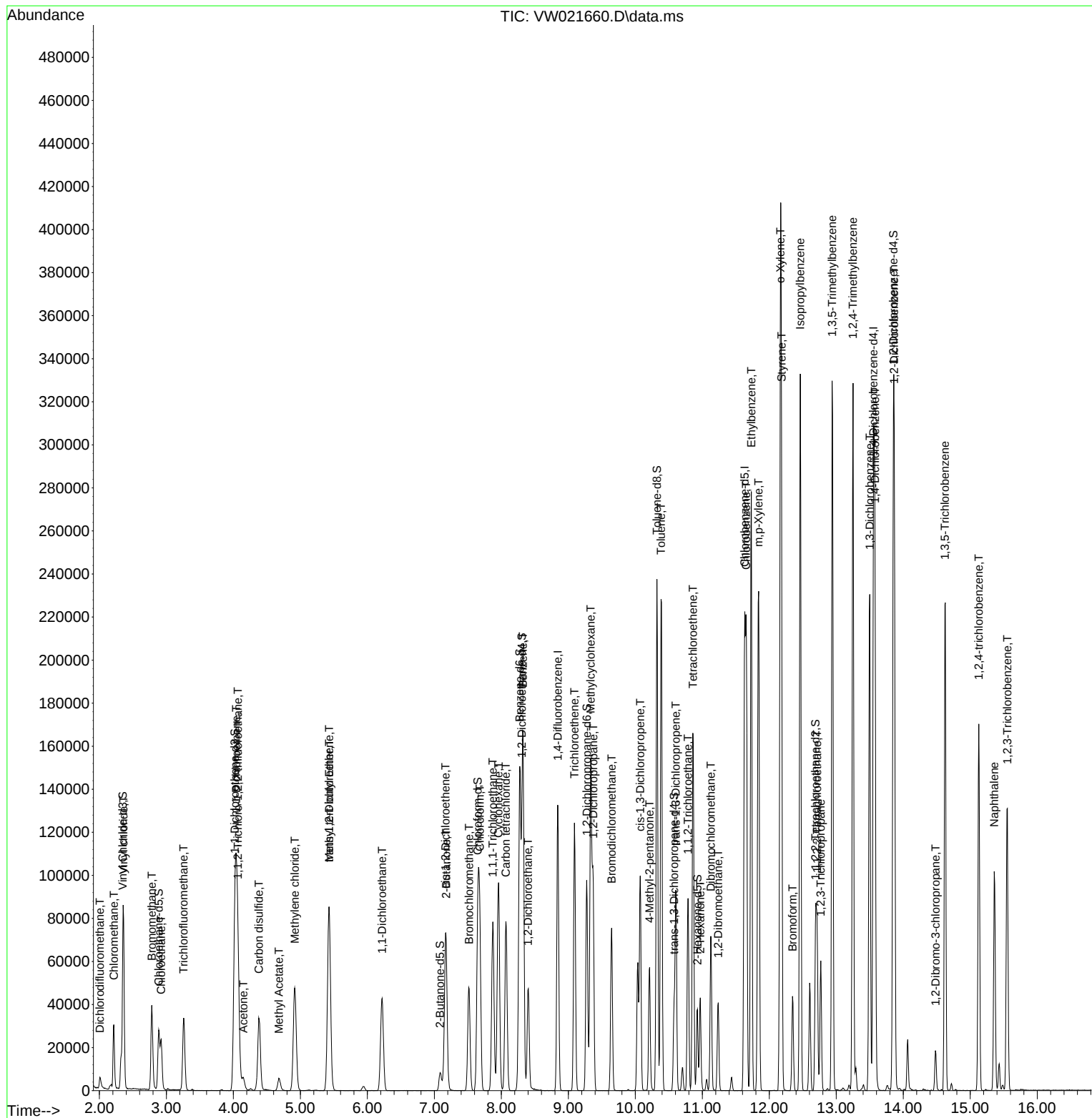
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	43876	25.056	ug/L	99
29) Cyclohexane	7.958	56	50955	22.722	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	63281	25.032	ug/L	95
31) Carbon tetrachloride	8.067	117	58365	25.028	ug/L	98
33) Benzene	8.323	78	141573	23.066	ug/L	100
34) Trichloroethene	9.092	95	39986	23.208	ug/L	85
35) Methylcyclohexane	9.336	83	63846	22.464	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	33596	24.540	ug/L #	95
38) Bromodichloromethane	9.646	83	49356	26.220	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	55125	25.543	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	35390	47.442	ug/L #	91
42) Toluene	10.384	91	166333	23.172	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	48744	25.787	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	27978	24.968	ug/L	94
46) Tetrachloroethene	10.860	164	38255	23.373	ug/L	95
48) 2-Hexanone	10.969	43	25754	47.608	ug/L #	91
49) Dibromochloromethane	11.128	129	37147	26.891	ug/L	98
50) 1,2-Dibromoethane	11.238	107	26866	24.092	ug/L #	94
51) Chlorobenzene	11.652	112	111483	23.197	ug/L	93
52) Ethylbenzene	11.731	91	193770	23.622	ug/L	98
53) m,p-Xylene	11.841	106	77532	23.429	ug/L	88
54) o-Xylene	12.164	106	71539	22.779	ug/L	90
55) Styrene	12.183	104	126878	23.738	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	31421	24.461	ug/L #	99
59) Bromoform	12.347	173	20315	25.021	ug/L	96
60) Isopropylbenzene	12.463	105	216990	23.403	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	22193	22.347	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.939	105	178342	22.604	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	175383	22.534	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	94406	21.587	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	94182	21.675	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	88217	22.912	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4314	21.060	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.621	180	71524	21.881	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	55324	21.043	ug/L	96
71) Naphthalene	15.359	128	87396	20.461	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	45397	20.893	ug/L	97

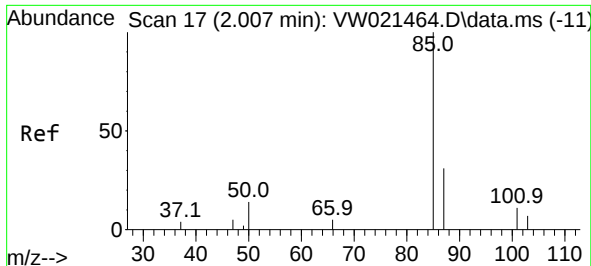
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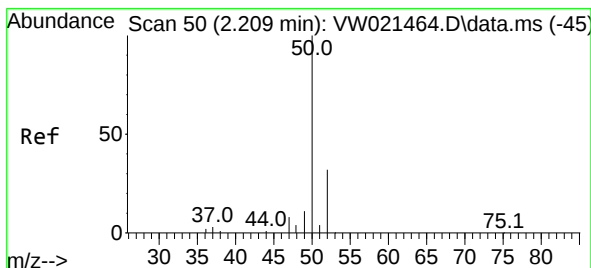
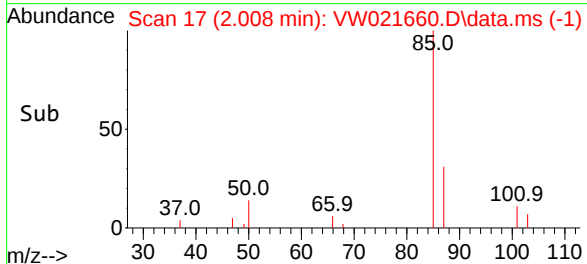
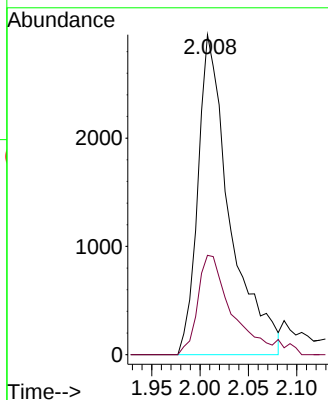
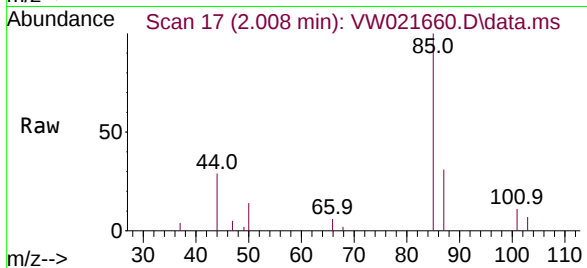




#2
Dichlorodifluoromethane
Concen: 15.551 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

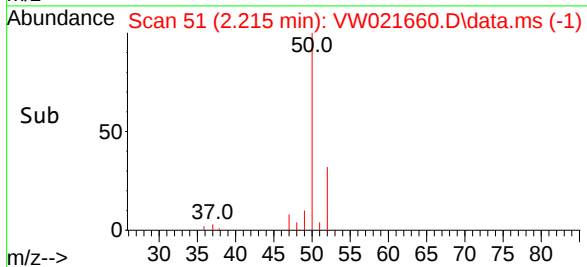
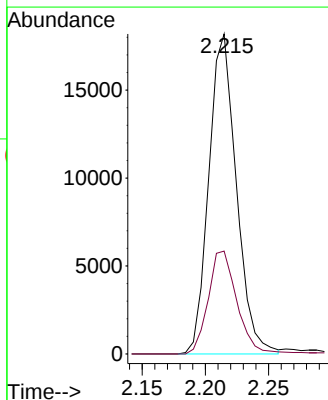
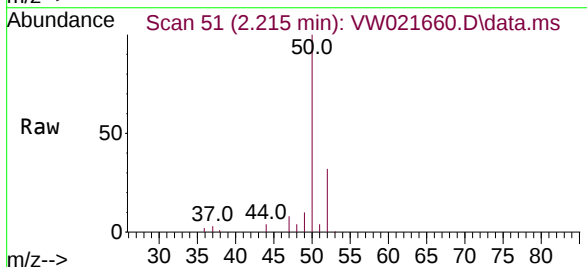
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MSVOA_W
ClientSampleId :

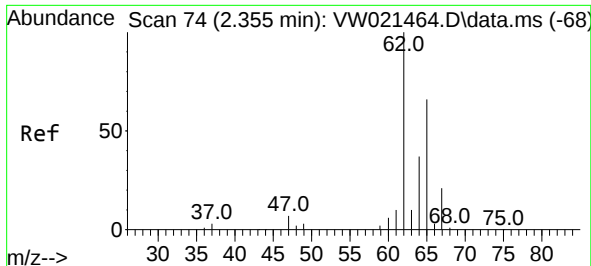
Tgt Ion: 85 Resp: 6796
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.6



#3
Chloromethane
Concen: 19.020 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Tgt Ion: 50 Resp: 27519
Ion Ratio Lower Upper
50 100
52 32.1 23.4 43.6

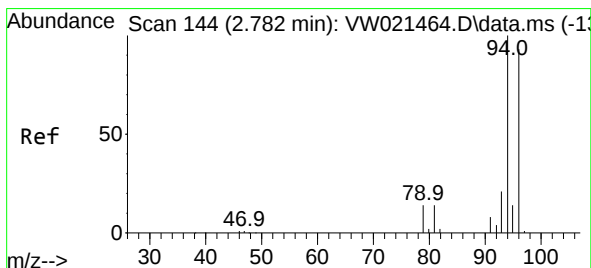
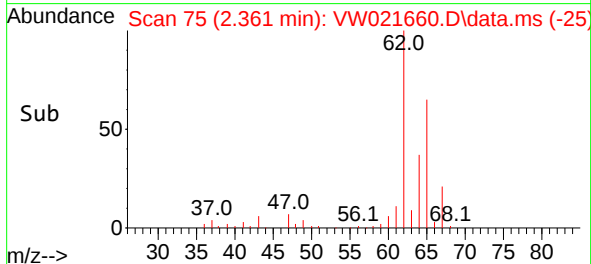
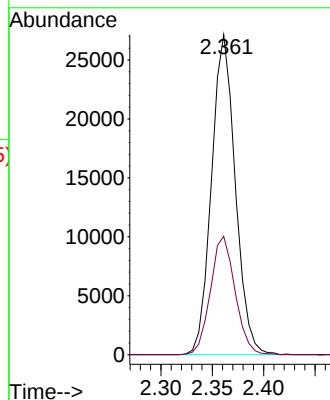
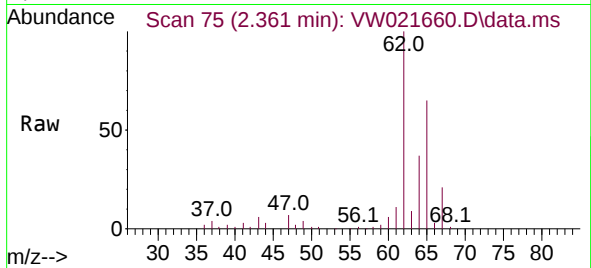




#5
 Vinyl chloride
 Concen: 19.210 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021660.D
 Acq: 27 Dec 2021 11:52

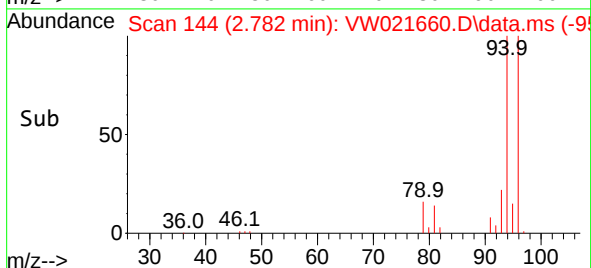
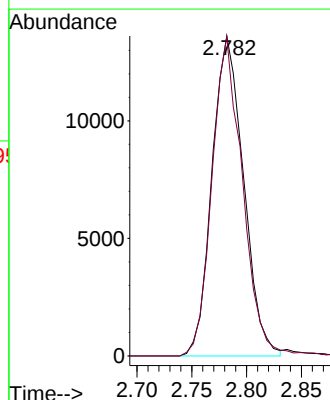
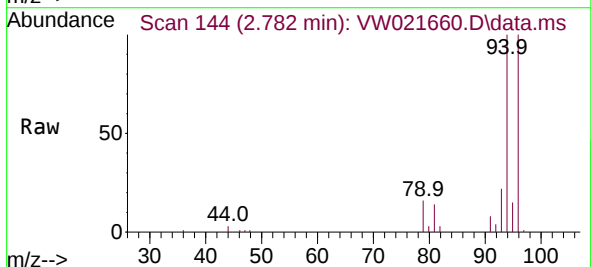
Instrument :
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 ClientSampleId :

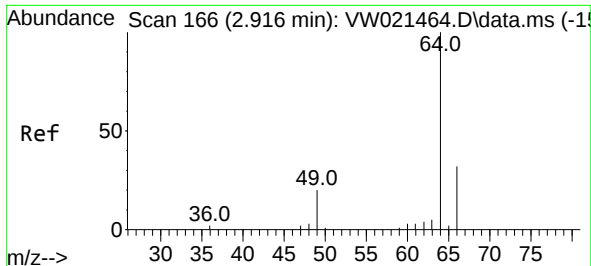
Tgt Ion: 62 Resp: 43631
 Ion Ratio Lower Upper
 62 100
 64 37.0 24.4 45.2



#6
 Bromomethane
 Concen: 18.466 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW021660.D
 Acq: 27 Dec 2021 11:52

Tgt Ion: 94 Resp: 27204
 Ion Ratio Lower Upper
 94 100
 96 99.7 64.8 120.4

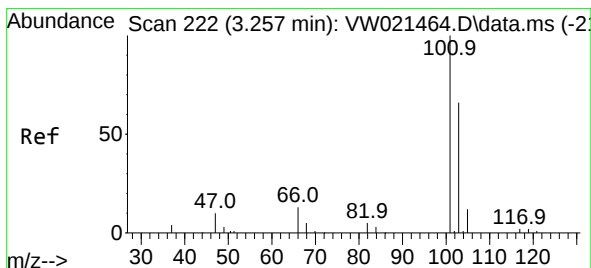
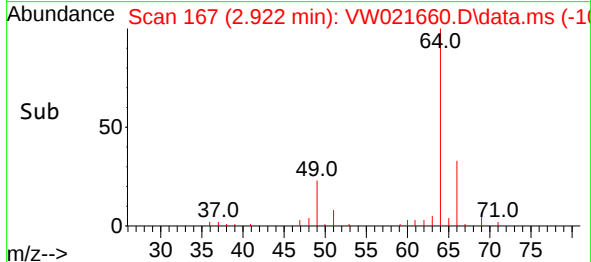
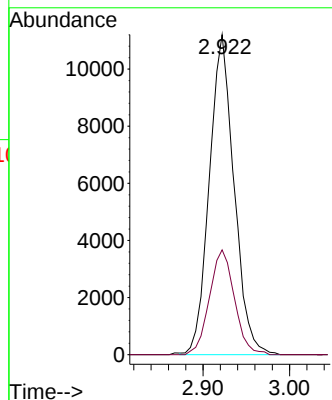
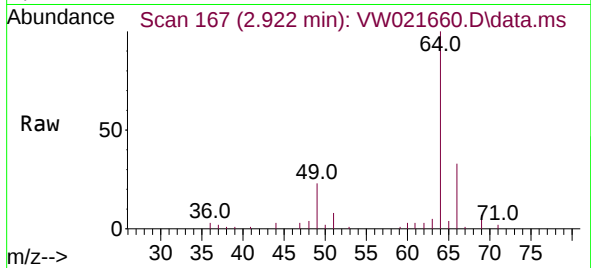




#8
Chloroethane
Concen: 21.226 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

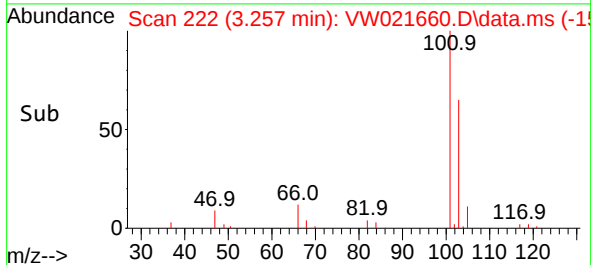
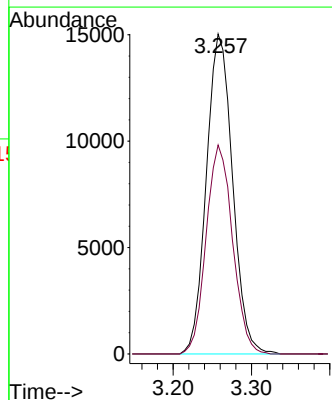
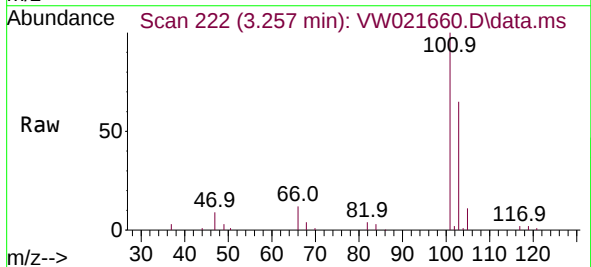
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ClientSampleId :

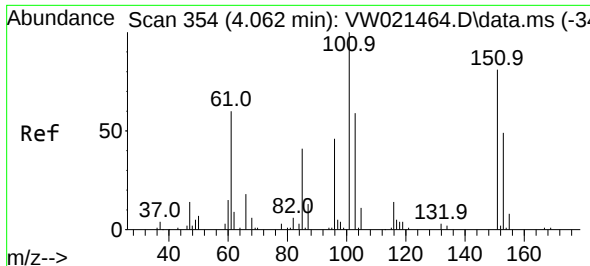
Tgt Ion: 64 Resp: 22210
Ion Ratio Lower Upper
64 100
66 32.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 29.184 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Tgt Ion:101 Resp: 34975
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2

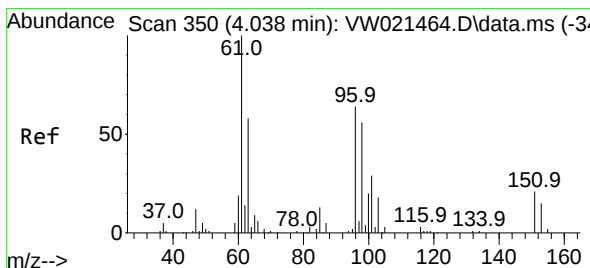
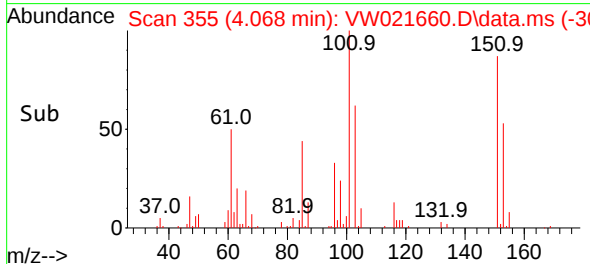
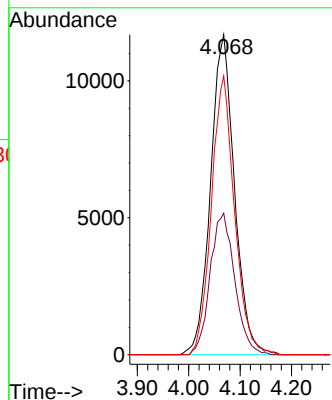
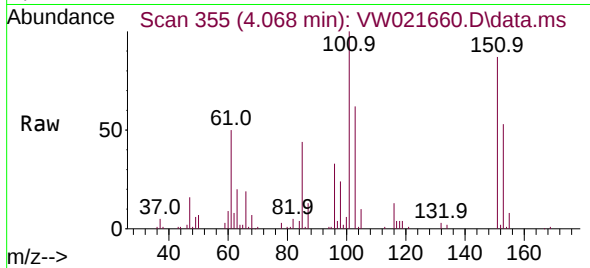




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.240 ug/L
RT: 4.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

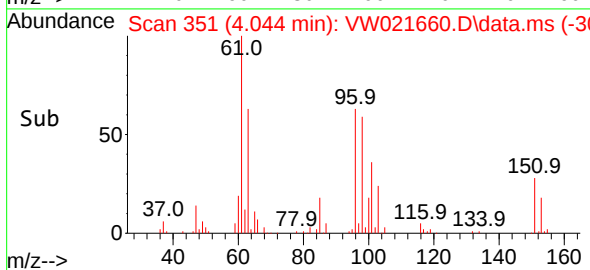
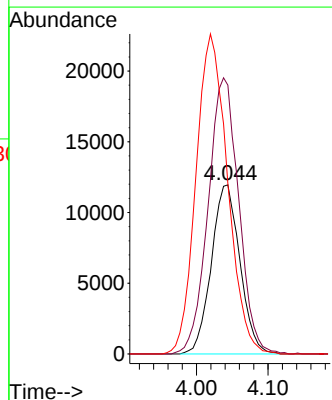
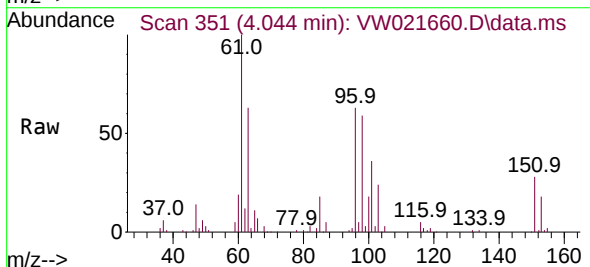
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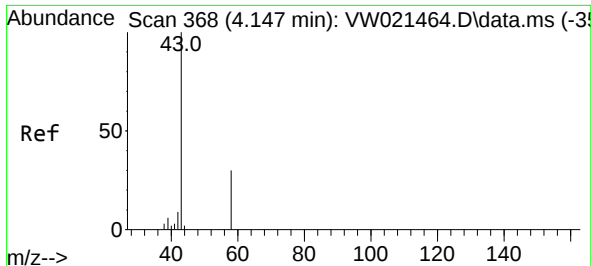
Tgt Ion:101 Resp: 37859
Ion Ratio Lower Upper
101 100
85 45.4 36.6 54.8
151 84.1 57.4 86.0



#12
1,1-Dichloroethene
Concen: 23.663 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW021660.D
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Tgt Ion: 96 Resp: 33175
Ion Ratio Lower Upper
96 100
61 158.9 138.3 256.9
63 100.6 82.6 153.4

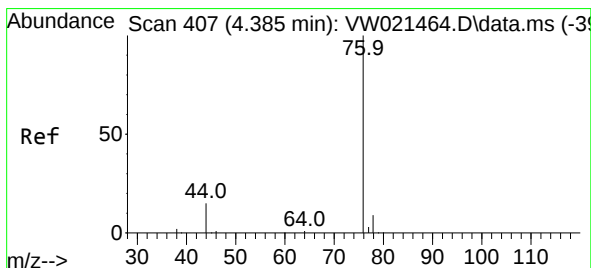
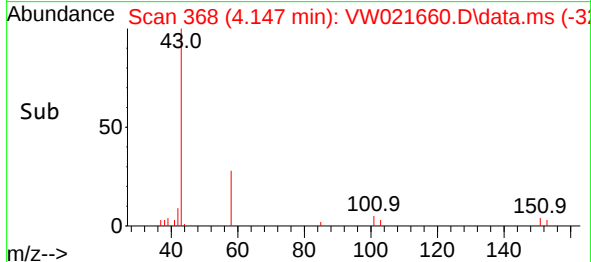
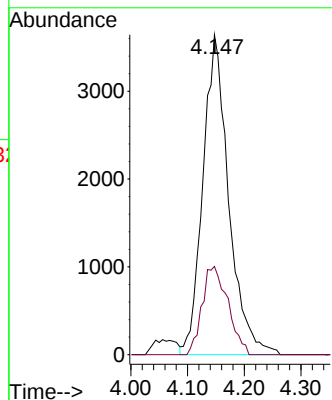
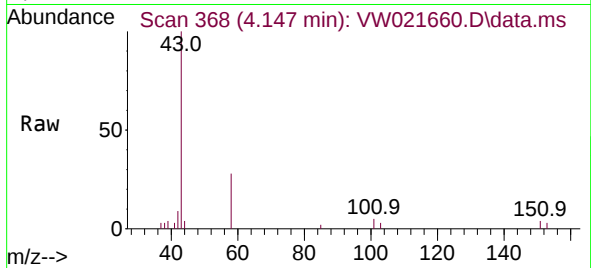




#13
Acetone
Concen: 44.289 ug/L
RT: 4.147 min Scan# 368
Delta R.T. -0.012 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

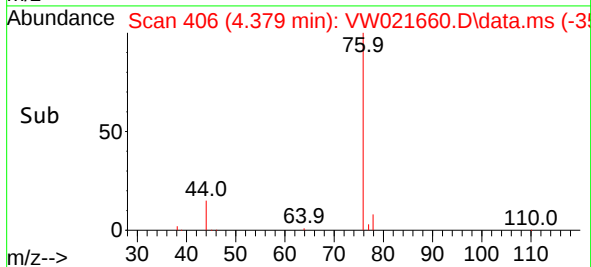
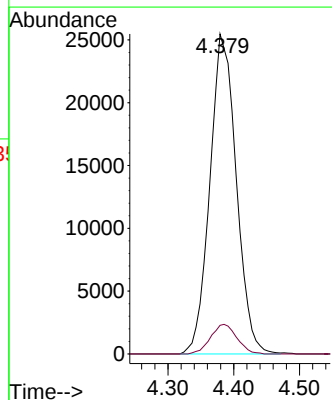
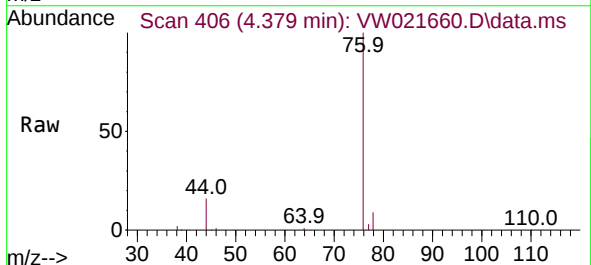
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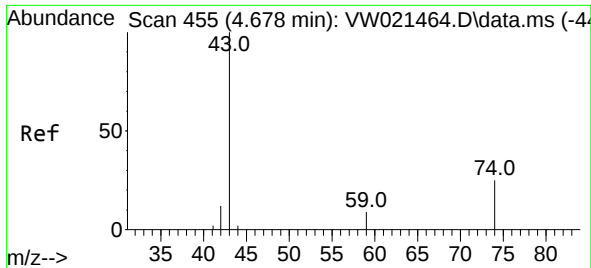
Tgt Ion: 43 Resp: 11529
Ion Ratio Lower Upper
43 100
58 27.6 0.0 52.8



#14
Carbon disulfide
Concen: 19.684 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 71266
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

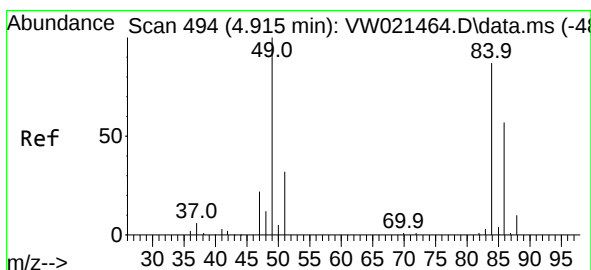
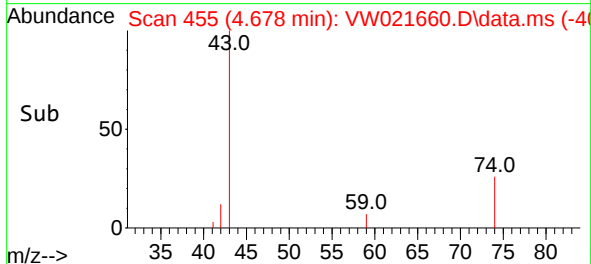
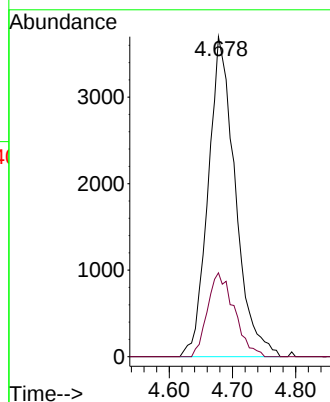
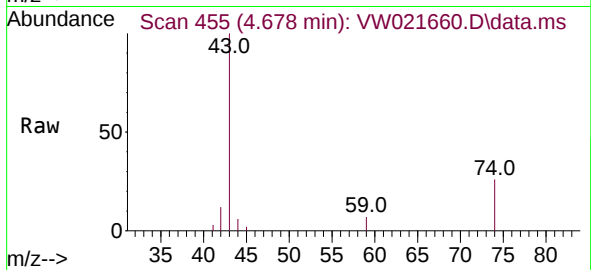




#15
Methyl Acetate
Concen: 24.529 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.012 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

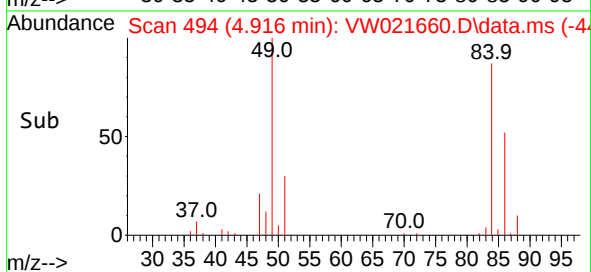
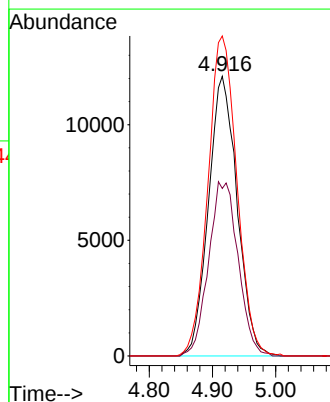
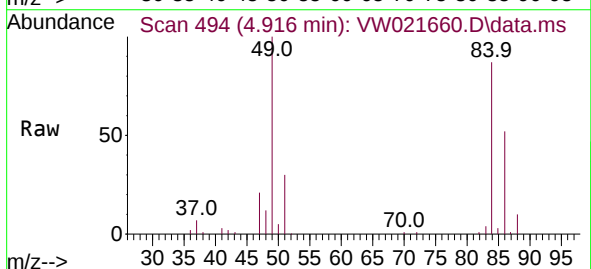
Instrument :
MSVOA_W
ClientSampleId :

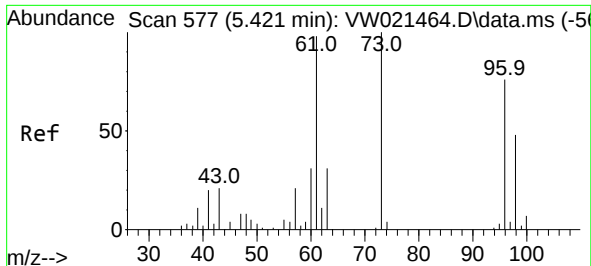
Tgt Ion: 43 Resp: 11017
Ion Ratio Lower Upper
43 100
74 25.9 16.4 24.6#



#16
Methylene chloride
Concen: 20.381 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Tgt Ion: 84 Resp: 38089
Ion Ratio Lower Upper
84 100
86 59.9 45.5 84.5
49 114.4 100.5 186.7

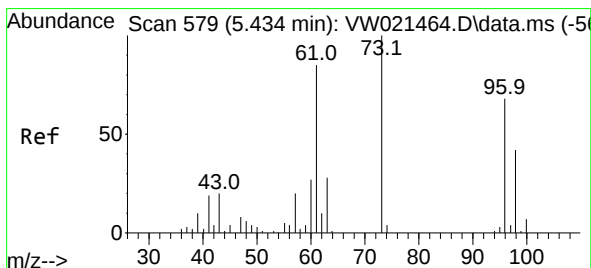
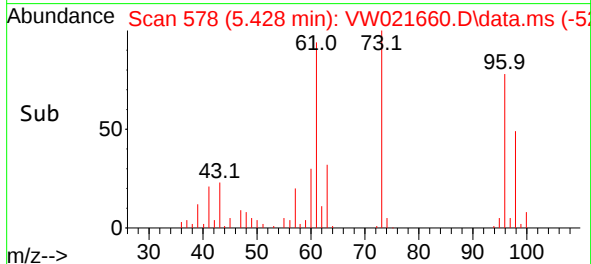
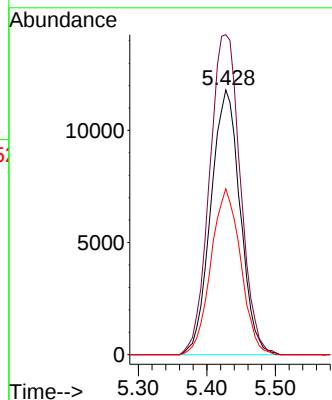
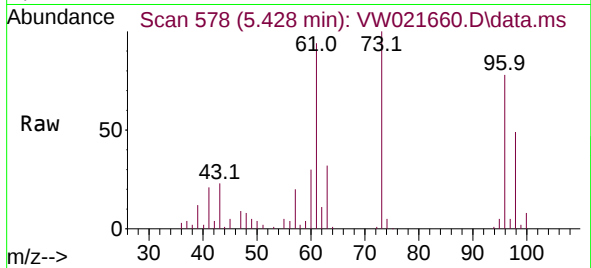




#17
trans-1,2-Dichloroethene
Concen: 23.113 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

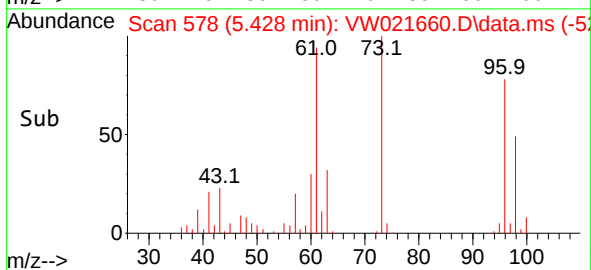
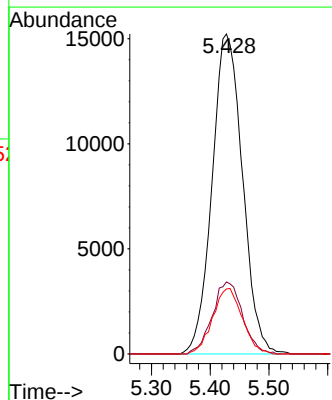
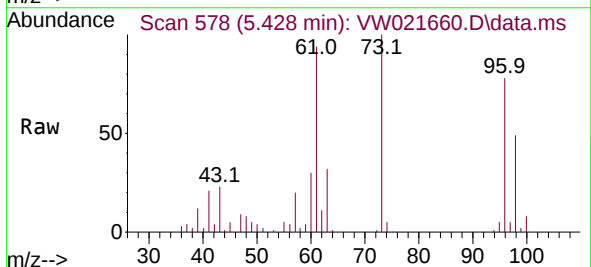
Instrument :
MSVOA_W
ClientSampleId :

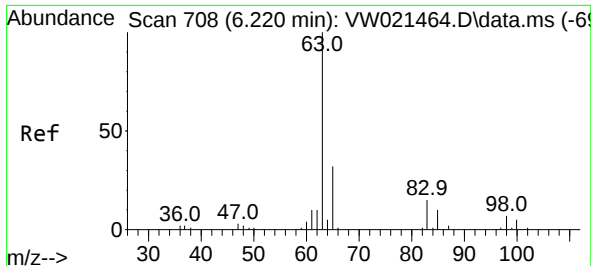
Tgt Ion: 96 Resp: 35086
Ion Ratio Lower Upper
96 100
61 120.8 107.4 199.4
98 62.7 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 26.105 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Tgt Ion: 73 Resp: 54730
Ion Ratio Lower Upper
73 100
43 22.3 19.5 29.3
57 20.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.314 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021660.D

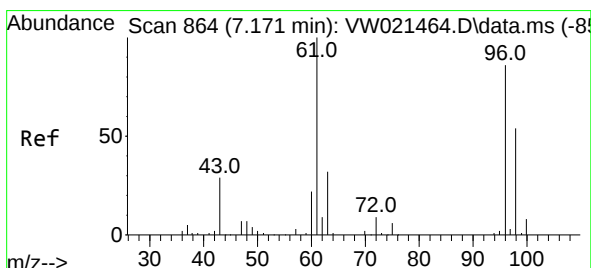
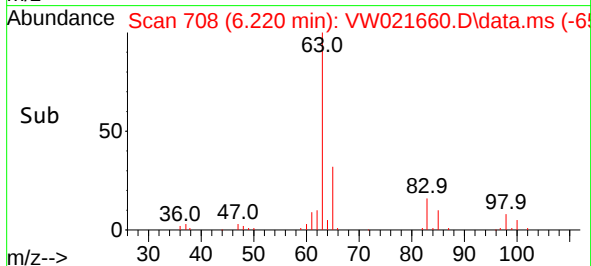
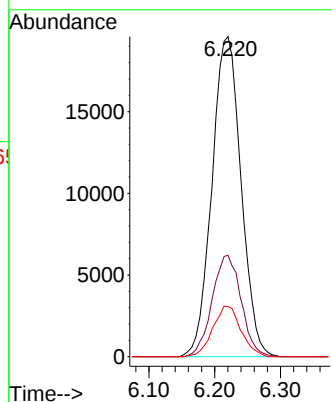
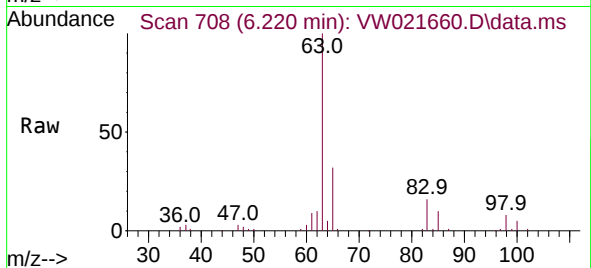
Acq: 27 Dec 2021 11:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	60300
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.1	41.1
83	15.7	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 24.420 ug/L

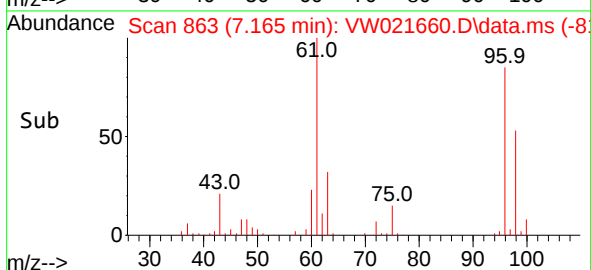
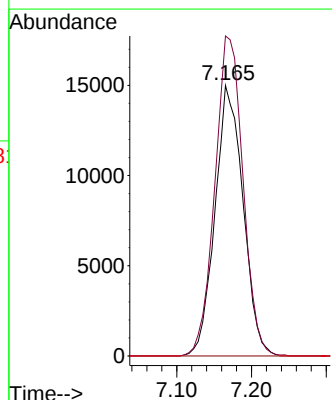
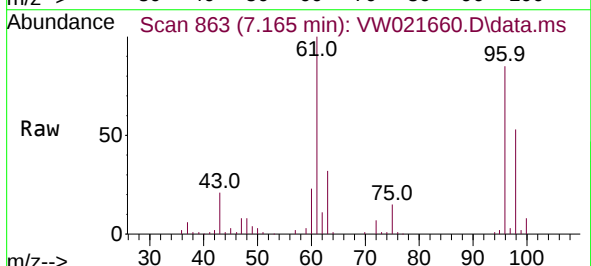
RT: 7.165 min Scan# 863

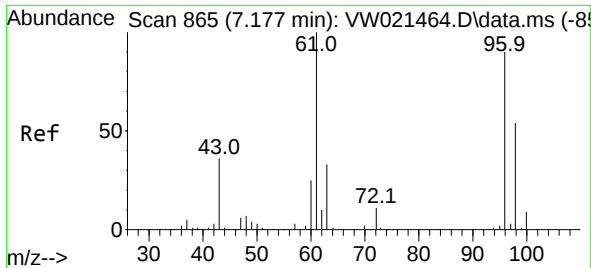
Delta R.T. -0.006 min

Lab File: VW021660.D

Acq: 27 Dec 2021 11:52

Tgt Ion:	96	Resp:	39100
Ion	Ratio	Lower	Upper
96	100		
61	118.3	103.7	192.7
68	0.0	0.0	0.0

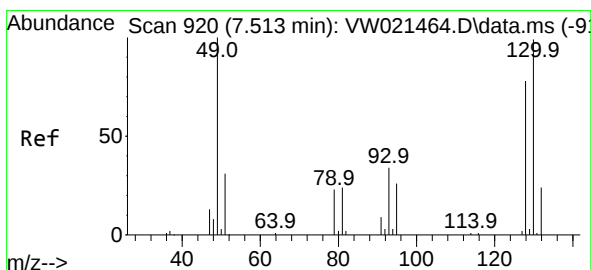
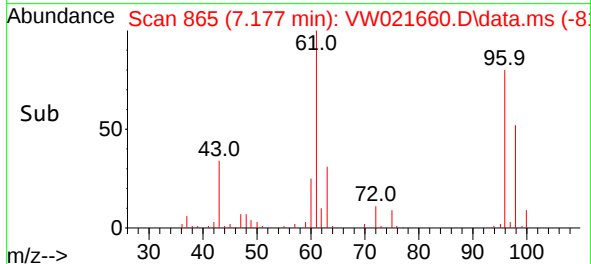
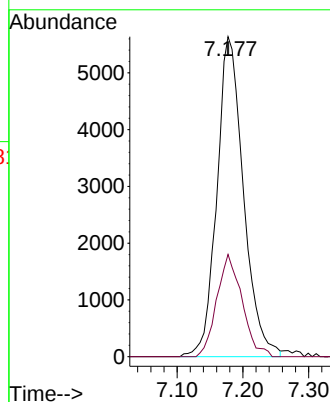
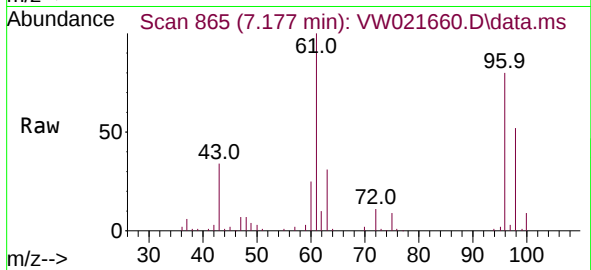




#22
2-Butanone
Concen: 46.660 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.012 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

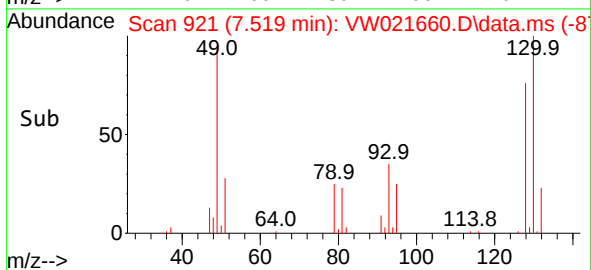
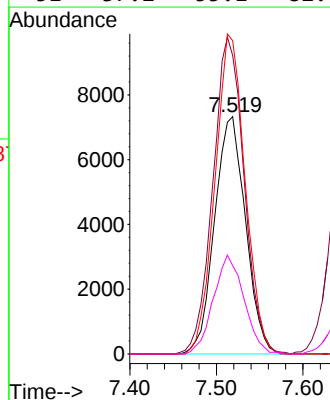
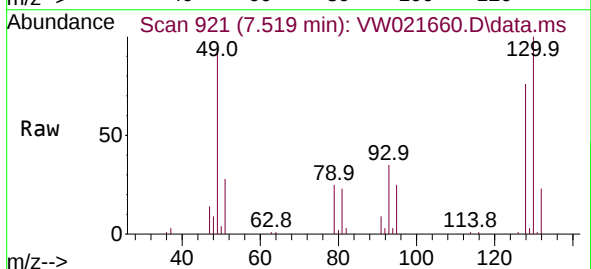
Instrument :
MSVOA_W
ClientSampleId :

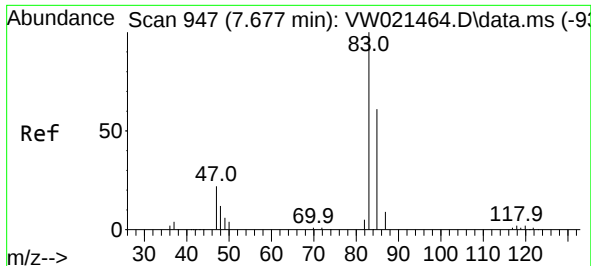
Tgt Ion: 43 Resp: 15862
Ion Ratio Lower Upper
43 100
72 29.8 11.8 35.4



#23
Bromochloromethane
Concen: 24.303 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Tgt Ion: 128 Resp: 18195
Ion Ratio Lower Upper
128 100
49 125.8 150.3 279.1#
130 132.0 88.3 163.9
51 37.2 55.1 82.7#





#25

Chloroform

Concen: 24.909 ug/L

RT: 7.677 min Scan# 94

Delta R.T. 0.000 min

Lab File: VW021660.D

Acq: 27 Dec 2021 11:52

Instrument :

MSVOA_W

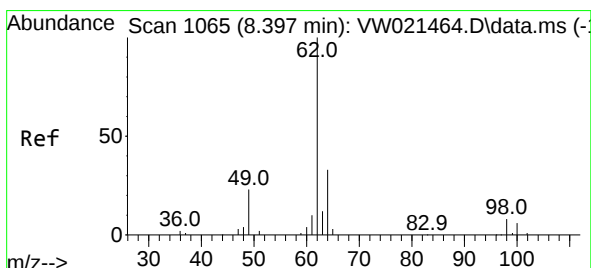
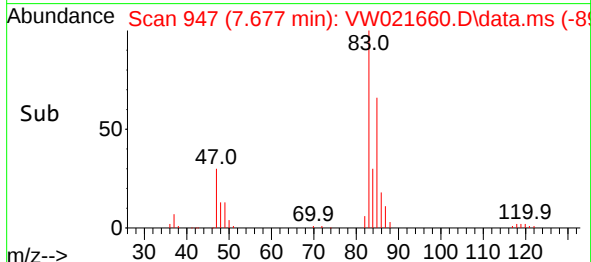
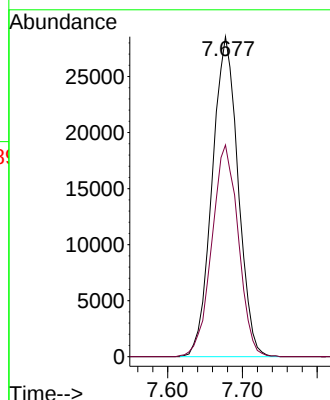
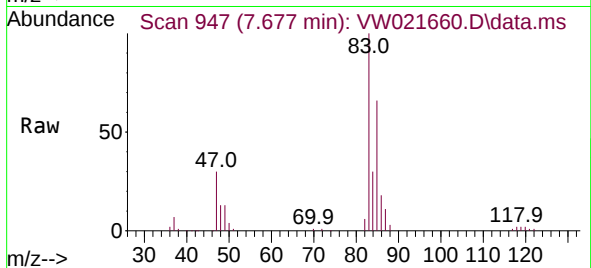
ClientSampleId :

Tgt Ion: 83 Resp: 68878

Ion Ratio Lower Upper

83 100

85 66.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 25.056 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW021660.D

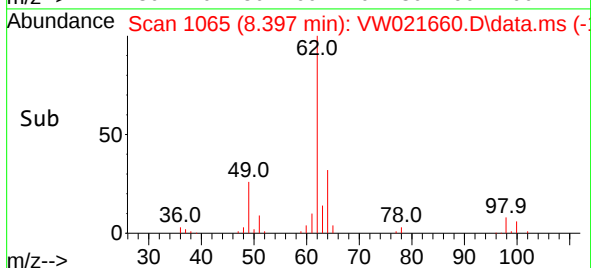
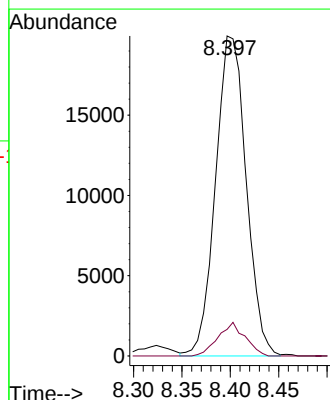
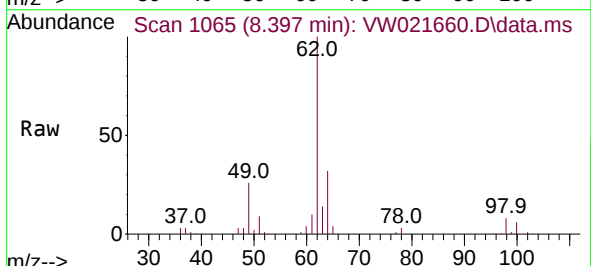
Acq: 27 Dec 2021 11:52

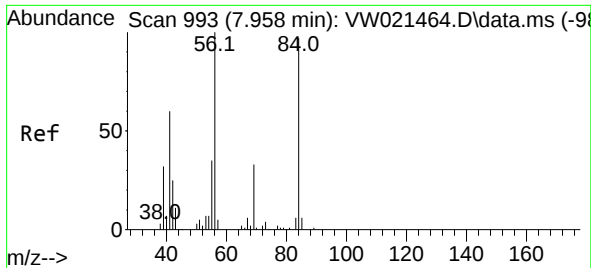
Tgt Ion: 62 Resp: 43876

Ion Ratio Lower Upper

62 100

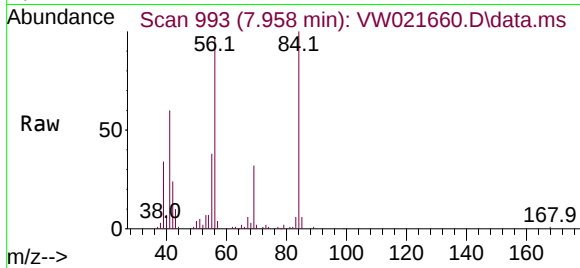
98 8.3 6.5 9.7



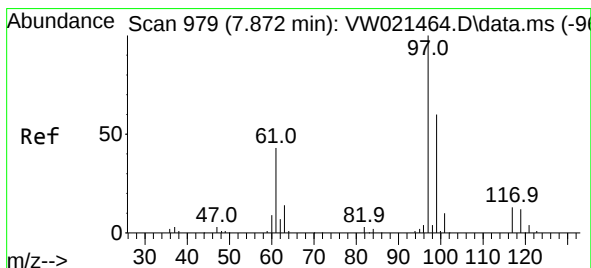
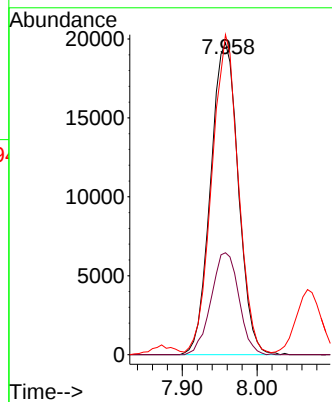
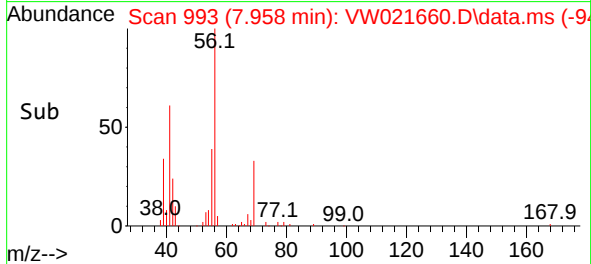


#29
Cyclohexane
Concen: 22.722 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Instrument :
MSVOA_W
ClientSampleId :

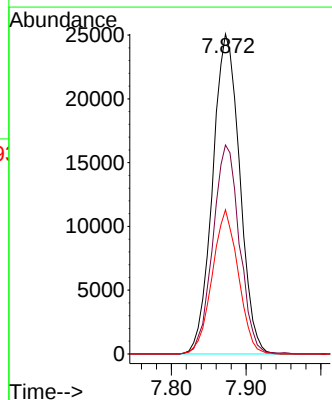
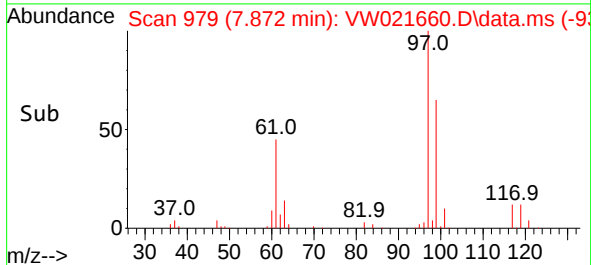
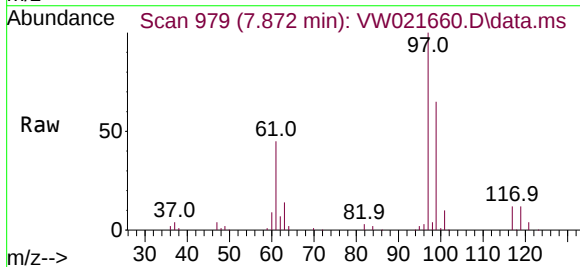


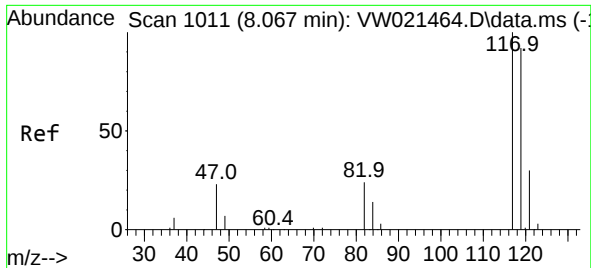
Tgt Ion: 56 Resp: 50955
Ion Ratio Lower Upper
56 100
69 32.7 23.5 35.3
84 98.6 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 25.032 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

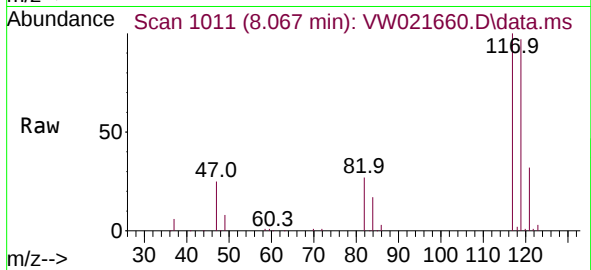
Tgt Ion: 97 Resp: 63281
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 43.4 40.9 61.3



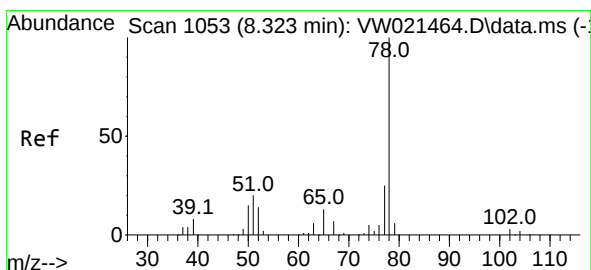
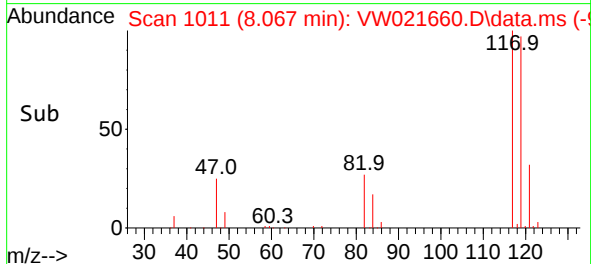
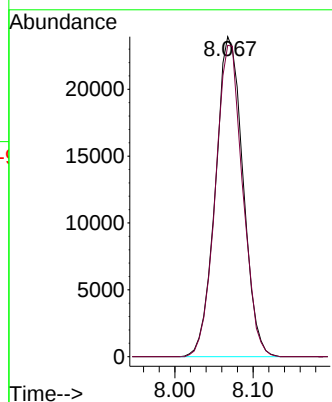


#31
Carbon tetrachloride
Concen: 25.028 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Instrument :
MSVOA_W
ClientSampleId :

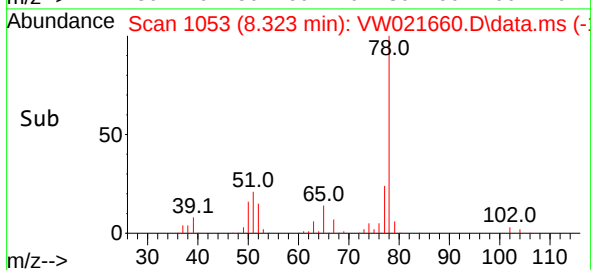
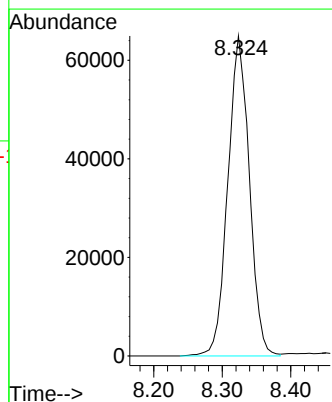
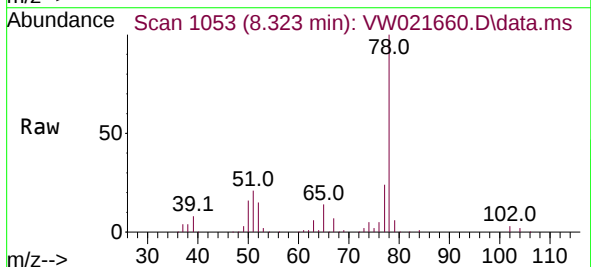


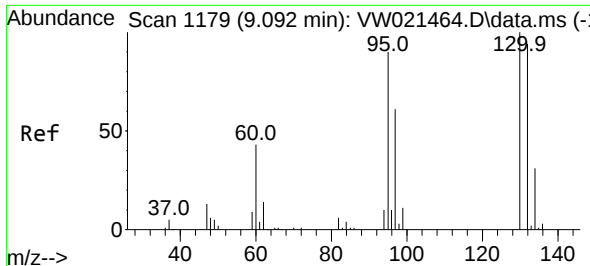
Tgt Ion:117 Resp: 58365
Ion Ratio Lower Upper
117 100
119 96.5 75.7 113.5



#33
Benzene
Concen: 23.066 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

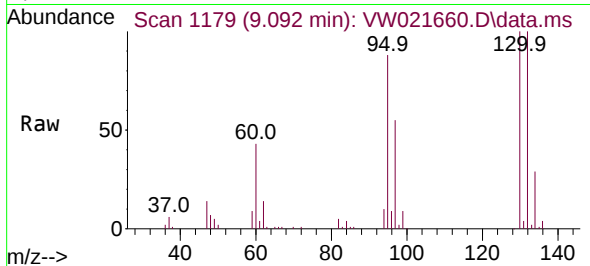
Tgt Ion: 78 Resp: 141573



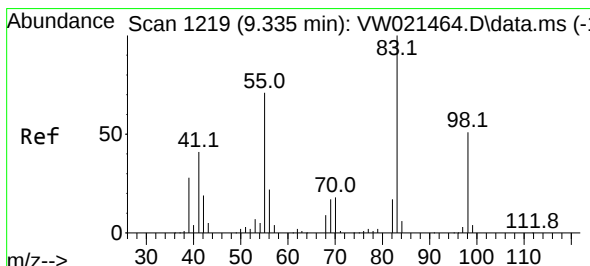
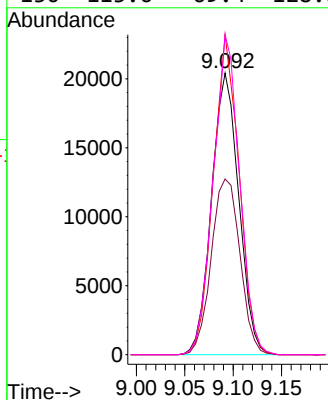
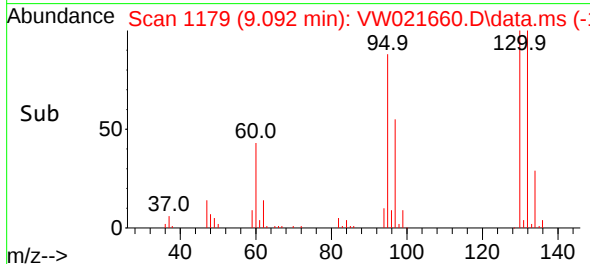


#34
Trichloroethene
Concen: 23.208 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

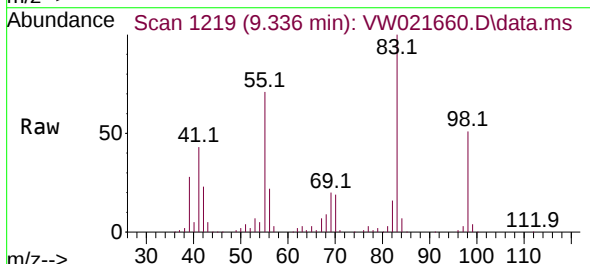
Instrument :
MSVOA_W
ClientSampleId :



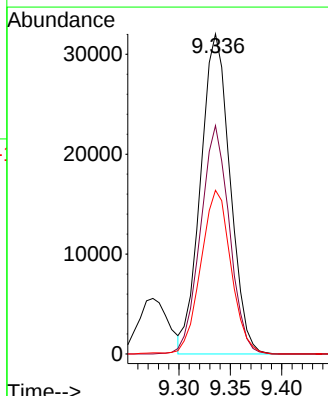
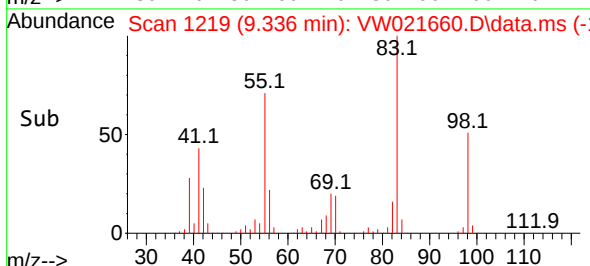
Tgt Ion: 95 Resp: 39986
Ion Ratio Lower Upper
95 100
97 62.4 47.0 87.2
132 113.6 65.5 121.6
130 113.6 69.4 128.8

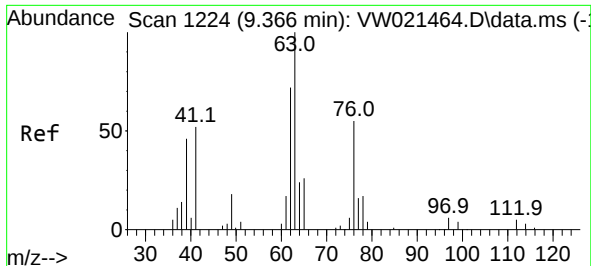


#35
Methylcyclohexane
Concen: 22.464 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52



Tgt Ion: 83 Resp: 63846
Ion Ratio Lower Upper
83 100
55 70.0 70.8 106.2#
98 52.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.540 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021660.D

Acq: 27 Dec 2021 11:52

Instrument :

MSVOA_W

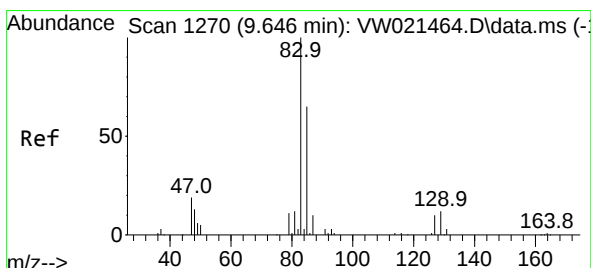
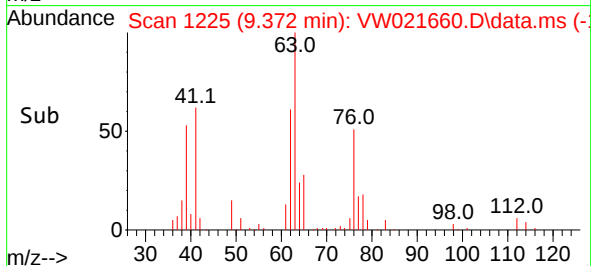
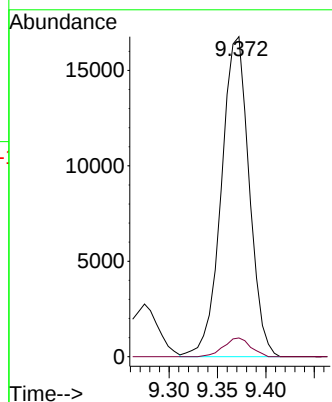
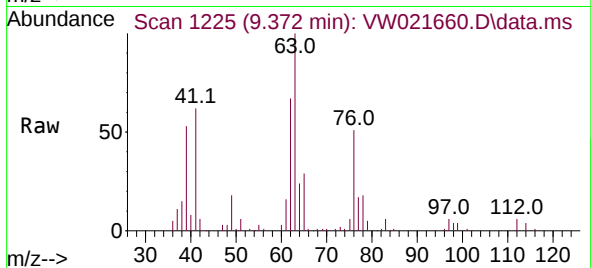
ClientSampleId :

Tgt Ion: 63 Resp: 33596

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.220 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021660.D

Acq: 27 Dec 2021 11:52

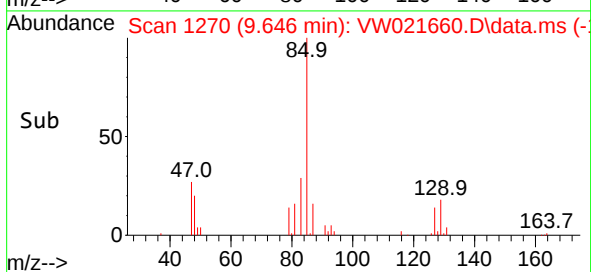
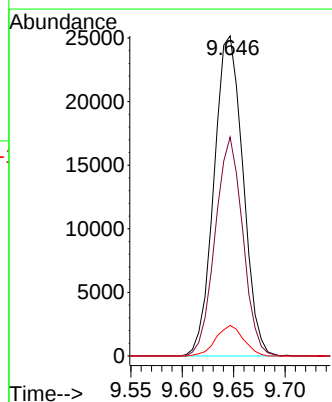
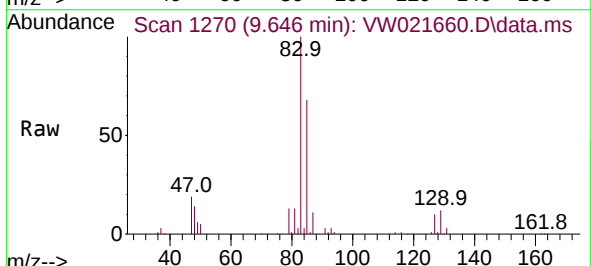
Tgt Ion: 83 Resp: 49356

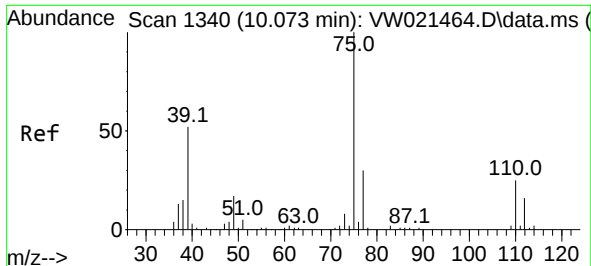
Ion Ratio Lower Upper

83 100

85 68.4 44.1 81.9

127 9.5 6.1 9.1#

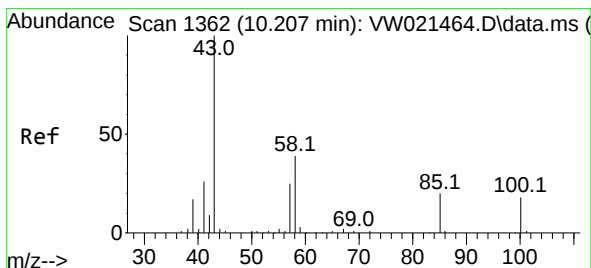
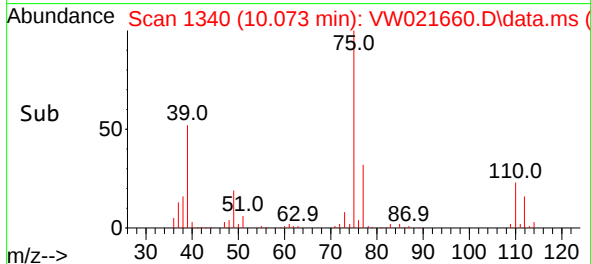
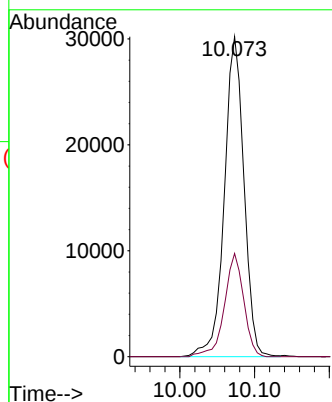
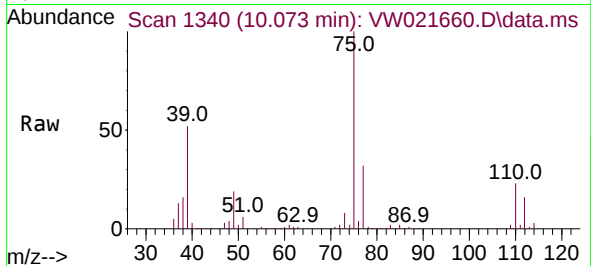




#39
 cis-1,3-Dichloropropene
 Concen: 25.543 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021660.D
 Acq: 27 Dec 2021 11:52

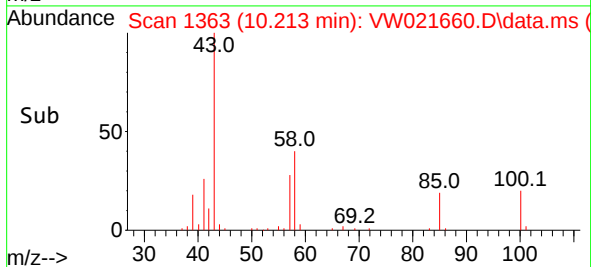
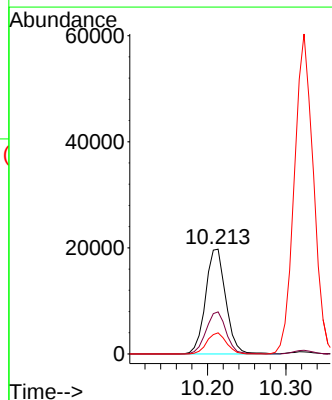
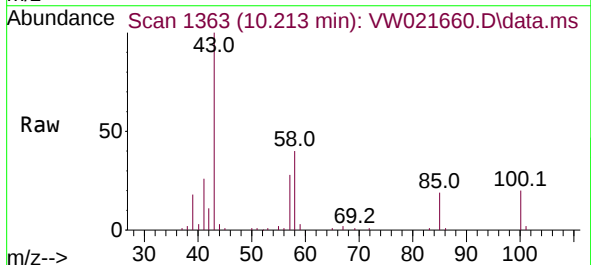
Instrument :
 MSVOA_W
 ClientSampleId :

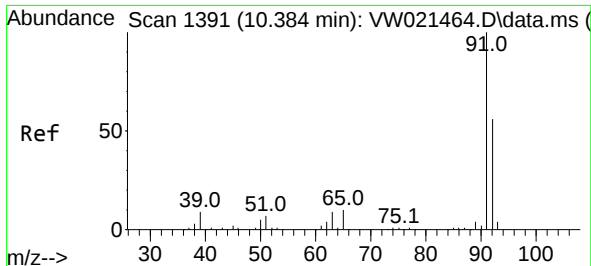
Tgt Ion: 75 Resp: 55125
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 47.442 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. 0.000 min
 Lab File: VW021660.D
 Acq: 27 Dec 2021 11:52

Tgt Ion: 43 Resp: 35390
 Ion Ratio Lower Upper
 43 100
 58 39.7 28.8 43.2
 100 19.3 10.0 15.0#

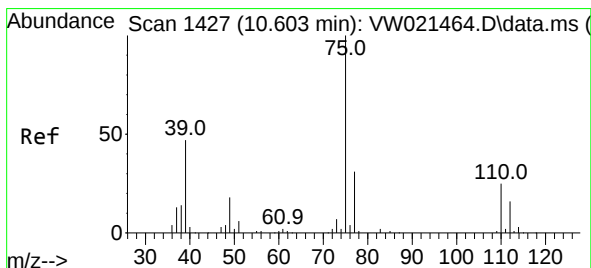
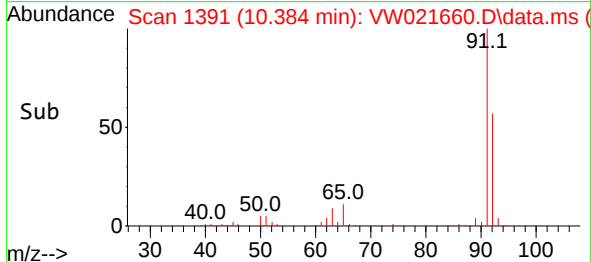
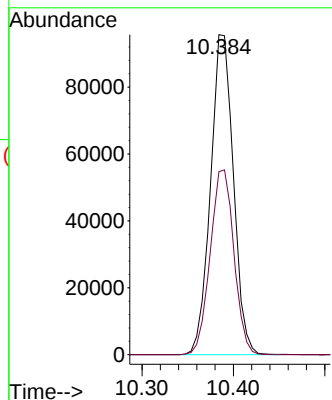
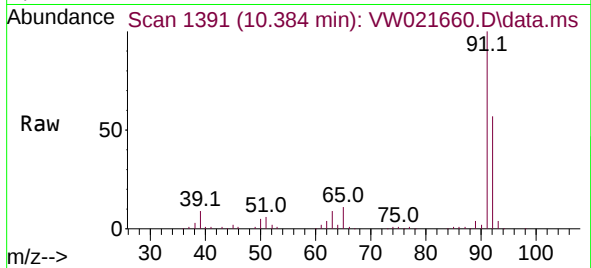




#42
Toluene
Concen: 23.172 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

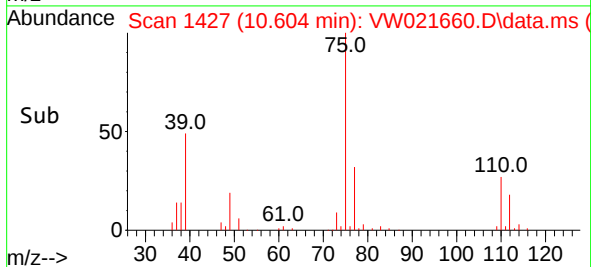
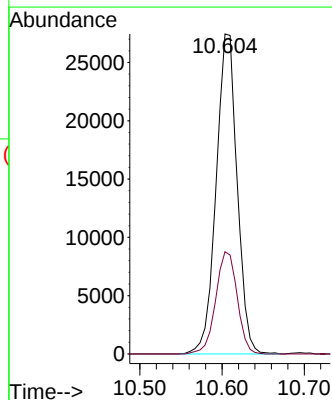
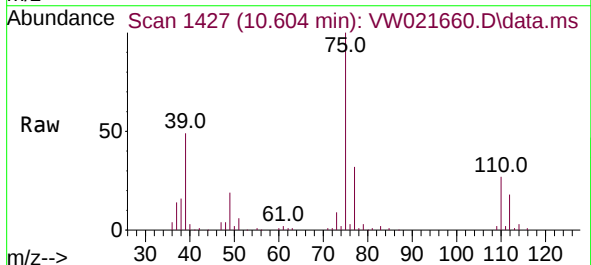
Instrument :
MSVOA_W
ClientSampleId :

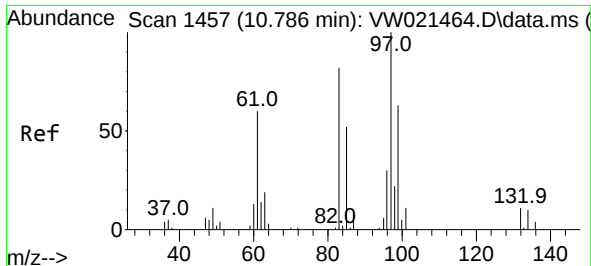
Tgt Ion: 91 Resp: 166333
Ion Ratio Lower Upper
91 100
92 57.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 25.787 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

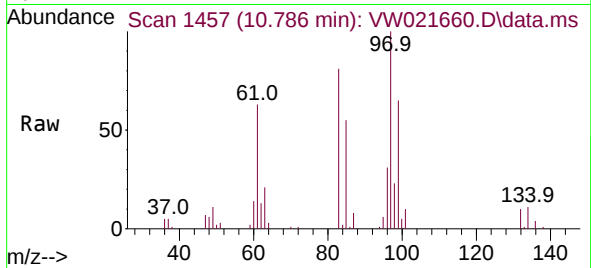
Tgt Ion: 75 Resp: 48744
Ion Ratio Lower Upper
75 100
77 32.0 22.2 41.2



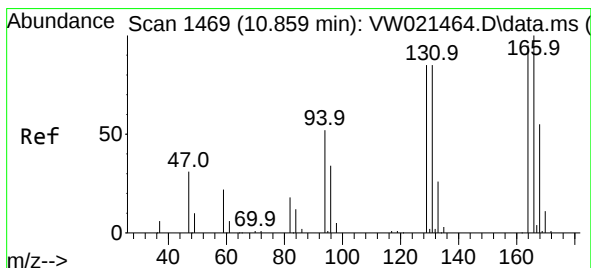
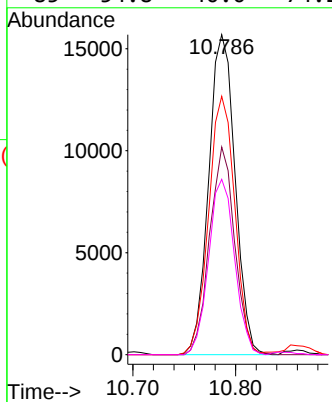
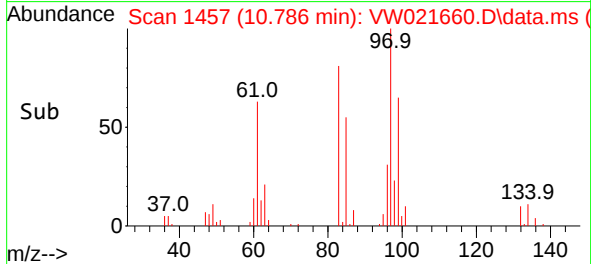


#45
1,1,2-Trichloroethane
Concen: 24.968 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

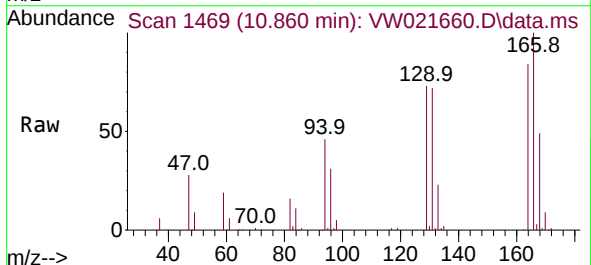
Instrument :
MSVOA_W
ClientSampleId :



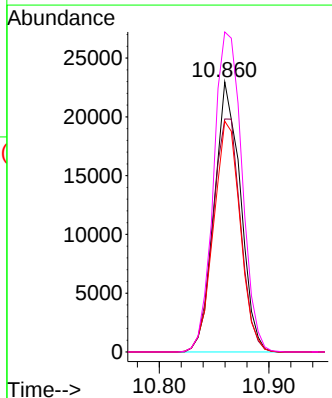
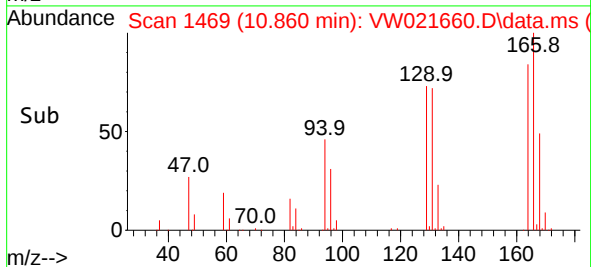
Tgt Ion:	97	Resp:	27978
Ion	Ratio	Lower	Upper
97	100		
99	64.9	43.0	79.8
83	80.7	62.6	116.3
85	54.8	40.0	74.2

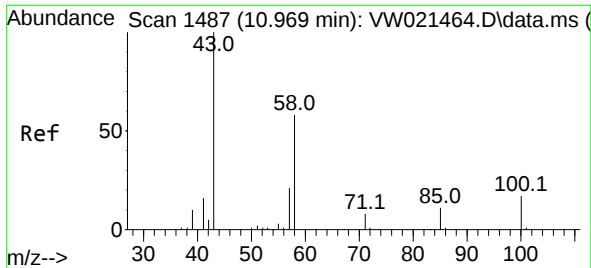


#46
Tetrachloroethene
Concen: 23.373 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52



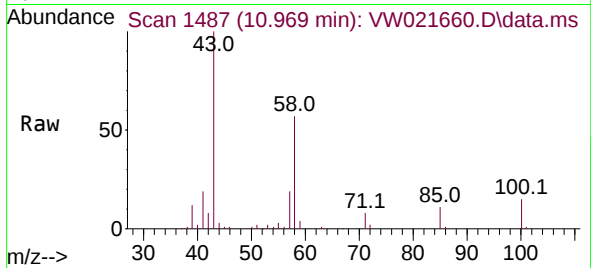
Tgt Ion:	164	Resp:	38255
Ion	Ratio	Lower	Upper
164	100		
129	86.2	65.5	121.7
131	85.4	59.7	110.9
166	118.5	88.7	164.7



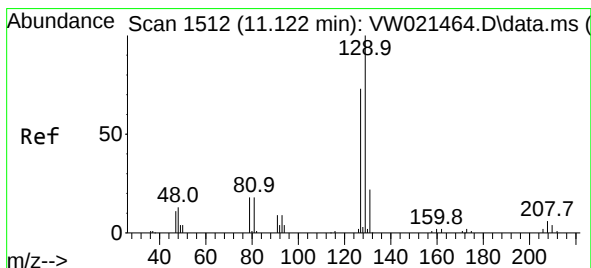
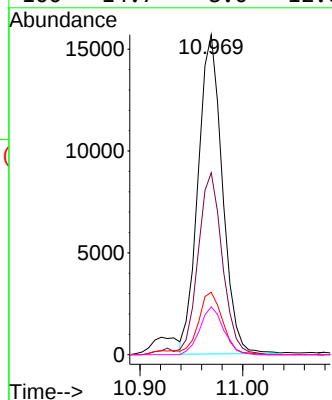
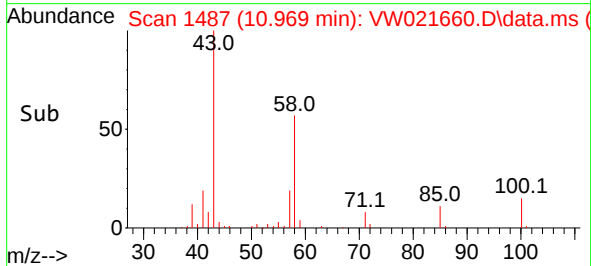


#48
2-Hexanone
Concen: 47.608 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

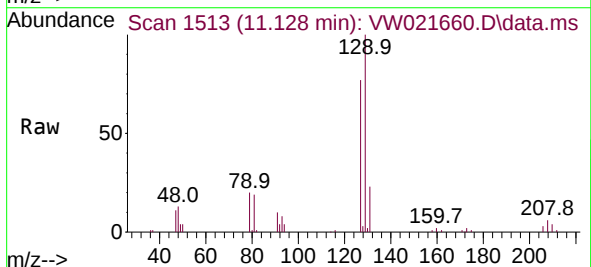
Instrument :
MSVOA_W
ClientSampleId :



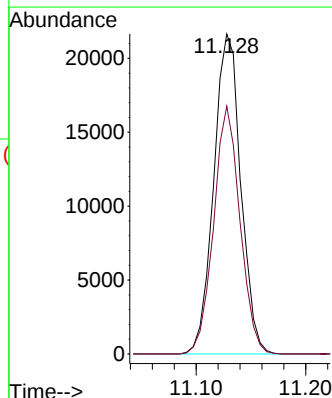
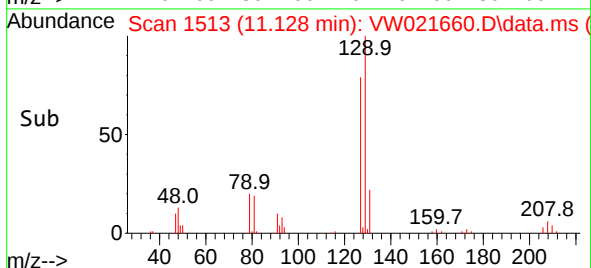
Tgt Ion: 43 Resp: 25754
Ion Ratio Lower Upper
43 100
58 56.9 40.2 60.2
57 19.4 14.3 21.5
100 14.7 8.0 12.0#

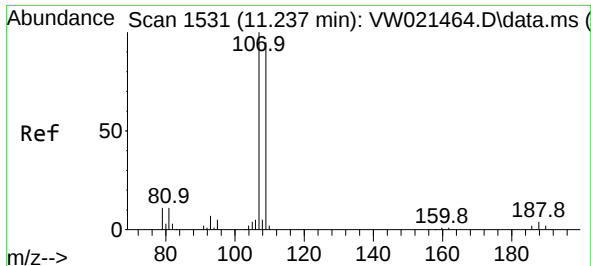


#49
Dibromochloromethane
Concen: 26.891 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52



Tgt Ion: 129 Resp: 37147
Ion Ratio Lower Upper
129 100
127 77.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.092 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021660.D

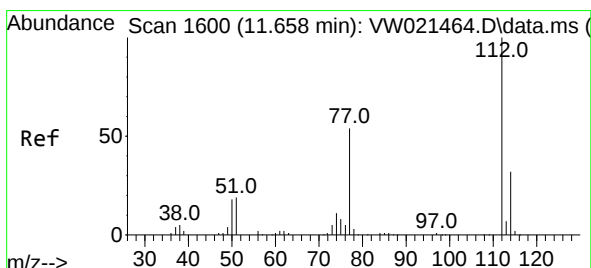
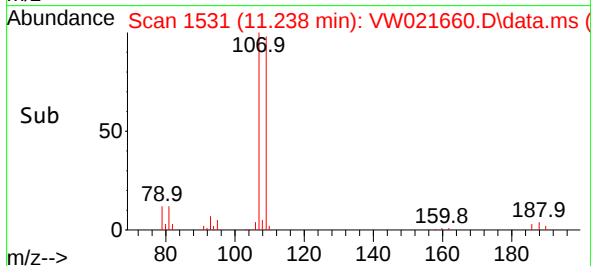
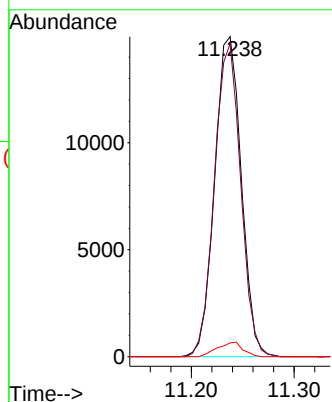
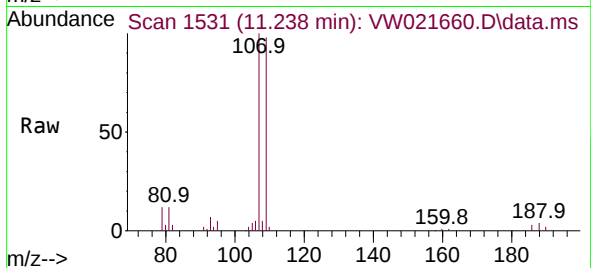
Acq: 27 Dec 2021 11:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	26866
Ion	Ratio	Lower	Upper
107	100		
109	97.8	64.1	119.1
188	4.3	2.6	3.8#



#51

Chlorobenzene

Concen: 23.197 ug/L

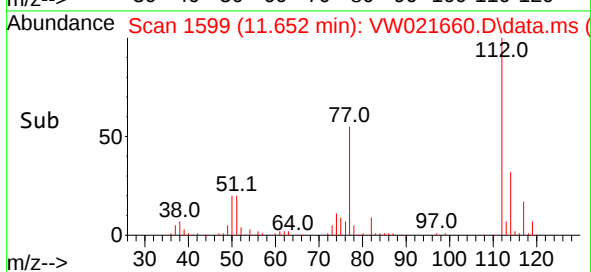
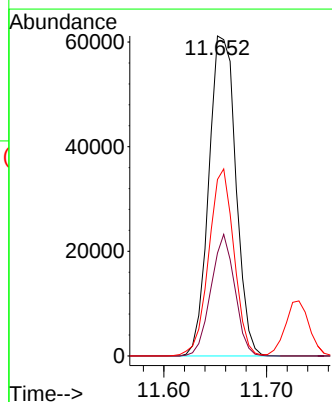
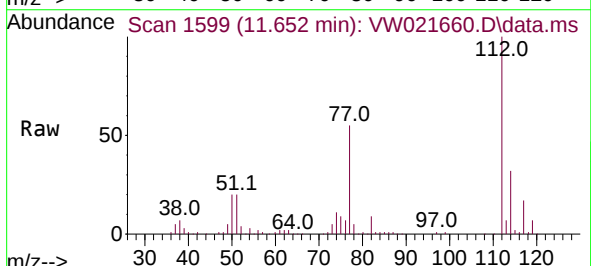
RT: 11.652 min Scan# 1599

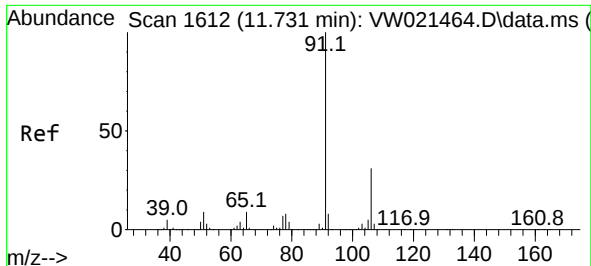
Delta R.T. -0.006 min

Lab File: VW021660.D

Acq: 27 Dec 2021 11:52

Tgt Ion:	112	Resp:	111483
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.4	41.6
77	55.1	50.2	75.4

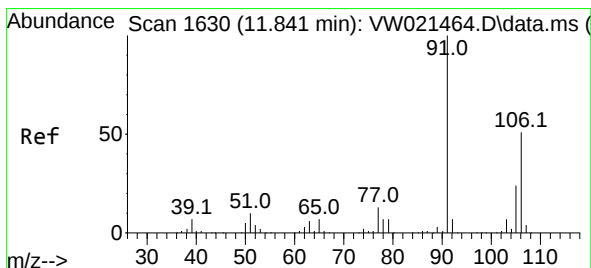
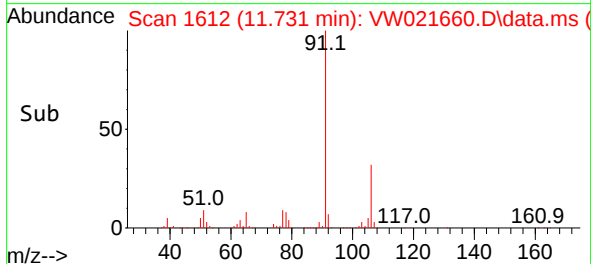
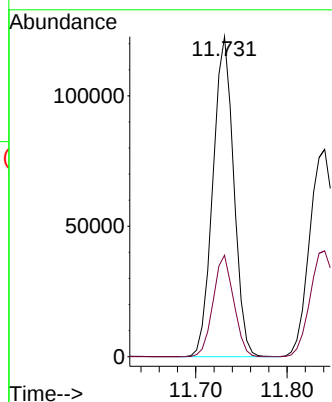
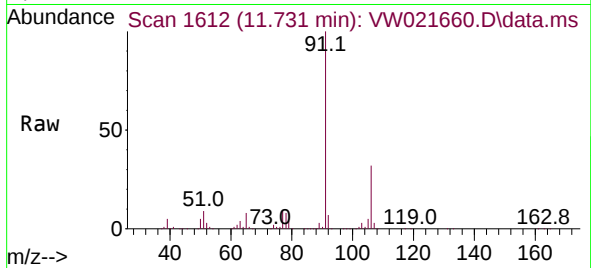




#52
Ethylbenzene
Concen: 23.622 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

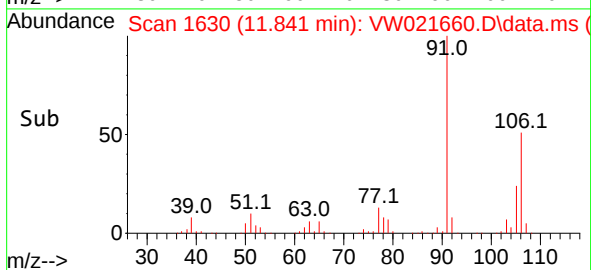
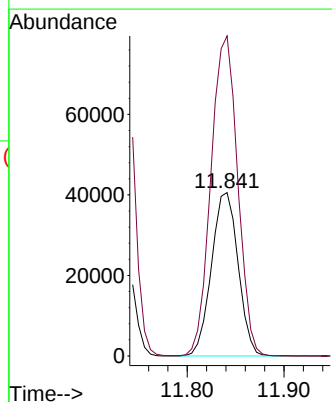
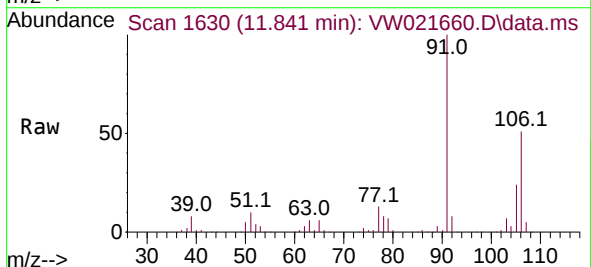
Instrument :
MSVOA_W
ClientSampleId :

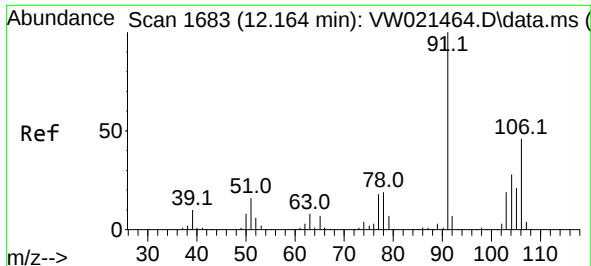
Tgt Ion: 91 Resp: 193770
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 23.429 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Tgt Ion:106 Resp: 77532
Ion Ratio Lower Upper
106 100
91 195.9 149.9 278.3

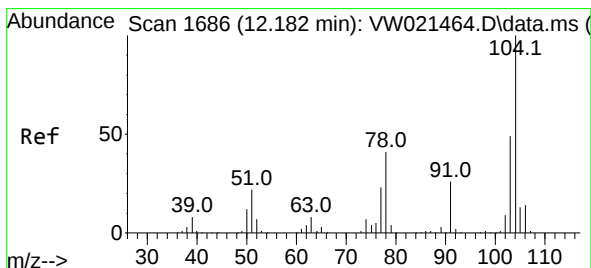
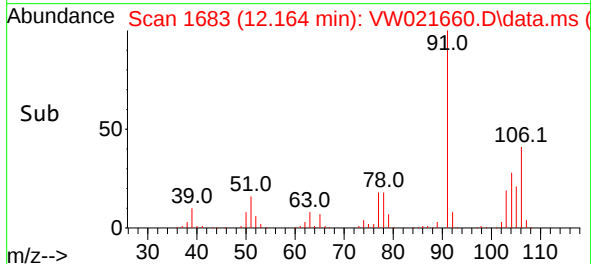
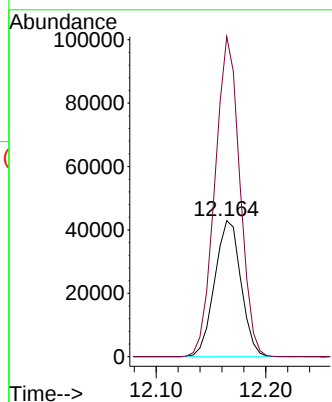
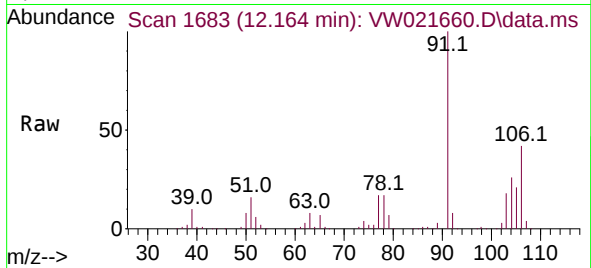




#54
o-Xylene
Concen: 22.779 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

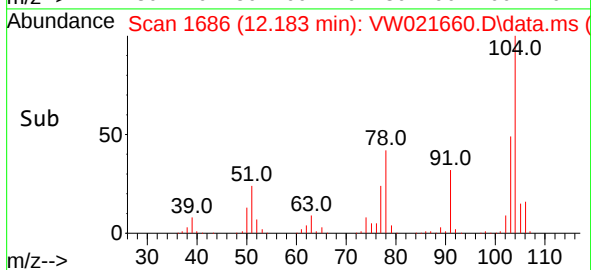
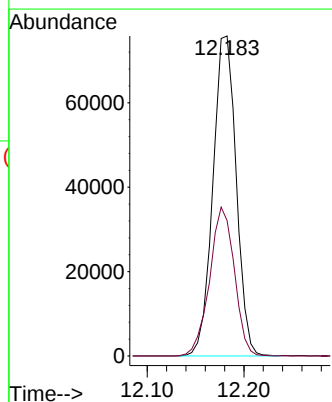
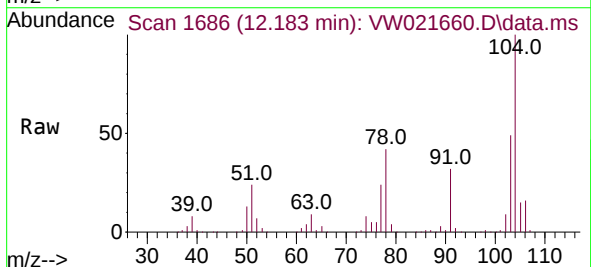
Instrument :
MSVOA_W
ClientSampleId :

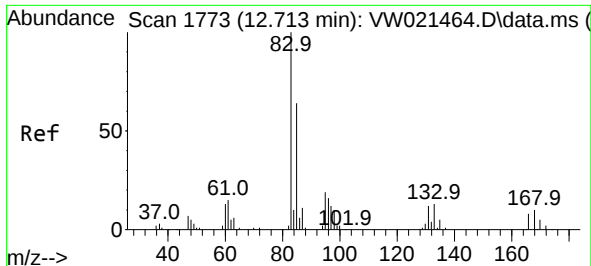
Tgt Ion:106 Resp: 71539
Ion Ratio Lower Upper
106 100
91 235.3 153.6 285.3



#55
Styrene
Concen: 23.738 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Tgt Ion:104 Resp: 126878
Ion Ratio Lower Upper
104 100
78 42.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.461 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021660.D

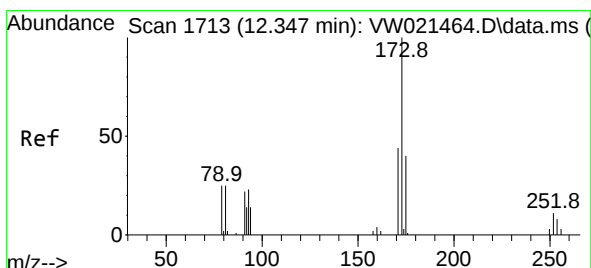
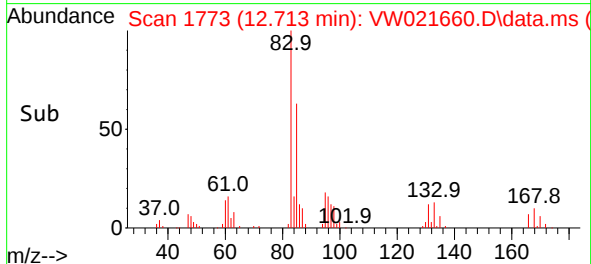
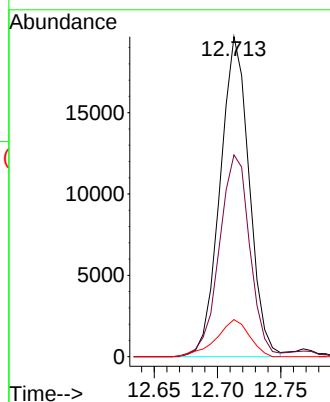
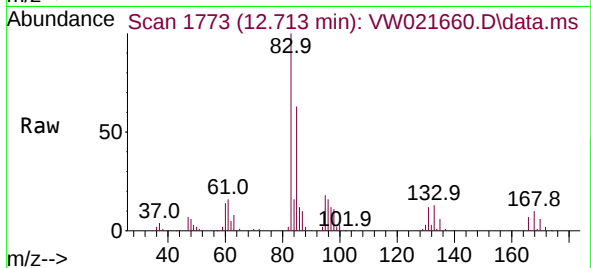
Acq: 27 Dec 2021 11:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	31421
Ion Ratio	Lower	Upper	
83	100		
85	63.0	44.0	81.6
131	11.6	6.9	10.3



#59

Bromoform

Concen: 25.021 ug/L

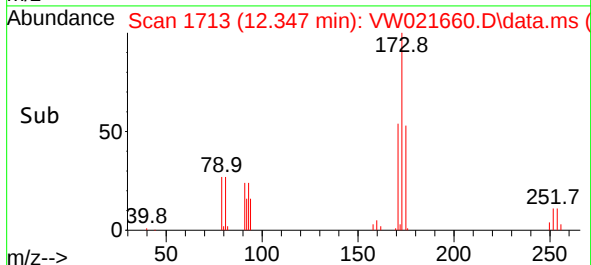
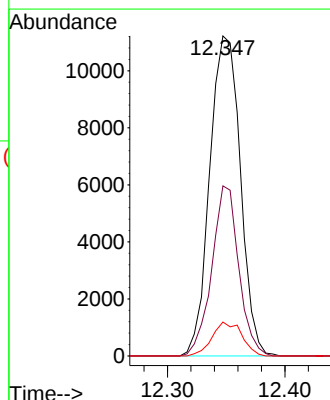
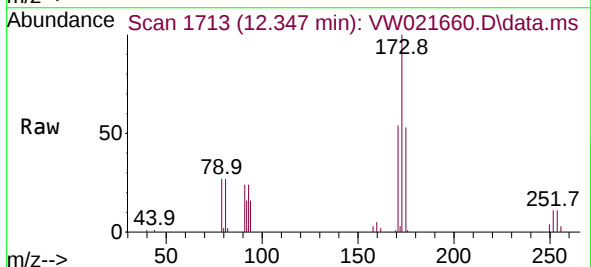
RT: 12.347 min Scan# 1713

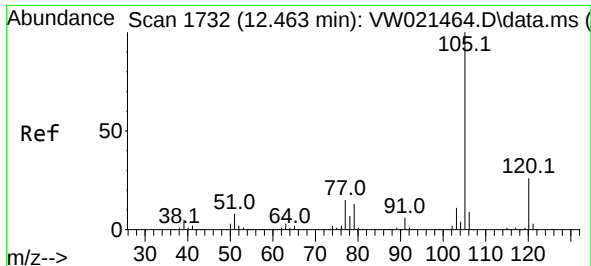
Delta R.T. 0.000 min

Lab File: VW021660.D

Acq: 27 Dec 2021 11:52

Tgt Ion:	173	Resp:	20315
Ion Ratio	Lower	Upper	
173	100		
175	46.8	39.6	59.4
254	10.3	7.4	11.0

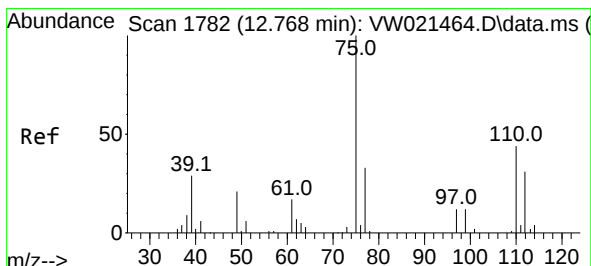
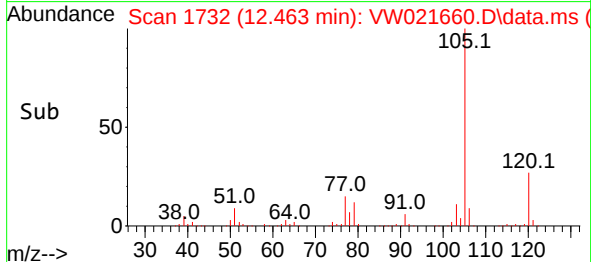
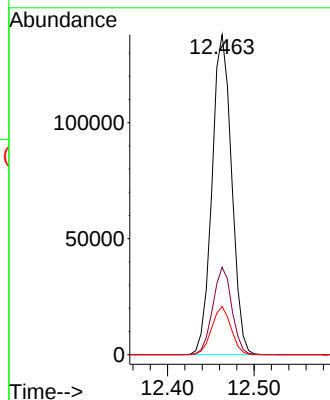
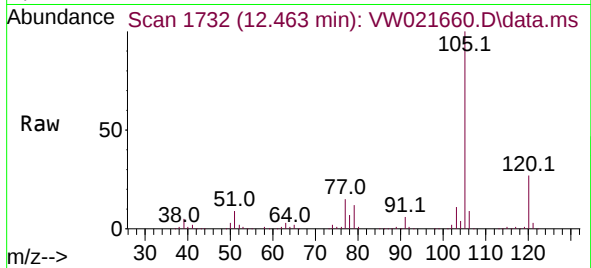




#60
Isopropylbenzene
Concen: 23.403 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

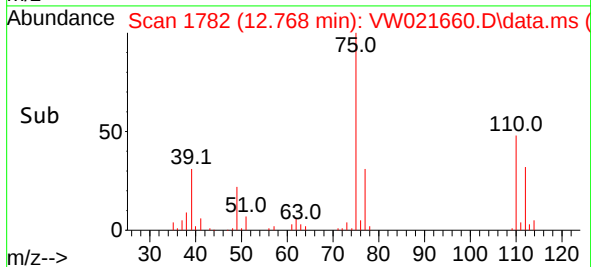
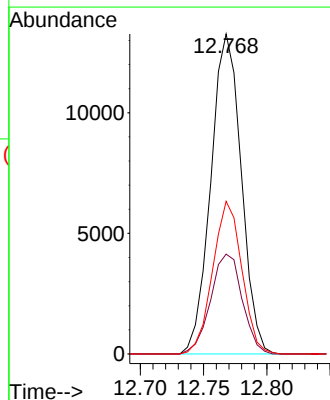
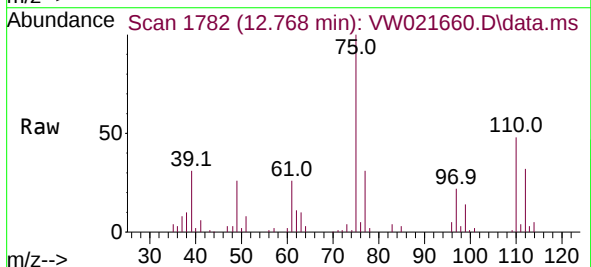
Instrument :
MSVOA_W
ClientSampleId :

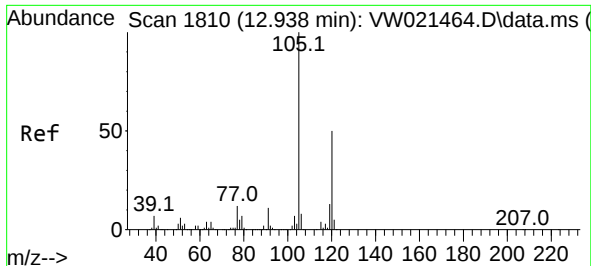
Tgt Ion:105 Resp: 216990
Ion Ratio Lower Upper
105 100
120 26.5 20.1 30.1
77 14.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 22.347 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Tgt Ion: 75 Resp: 22193
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 45.7 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.604 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021660.D

Acq: 27 Dec 2021 11:52

Instrument :

MSVOA_W

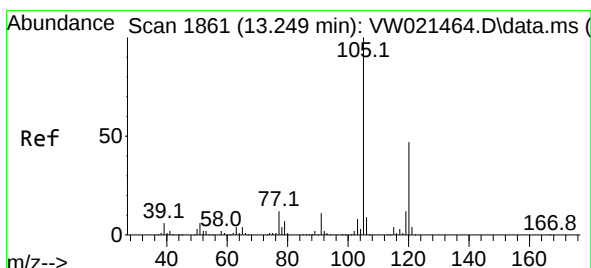
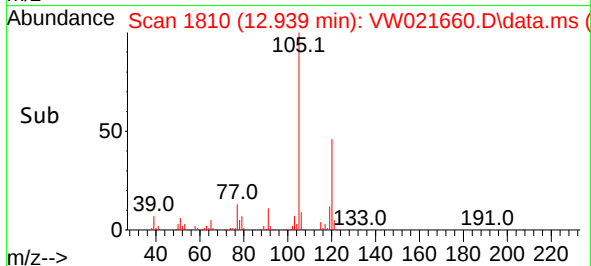
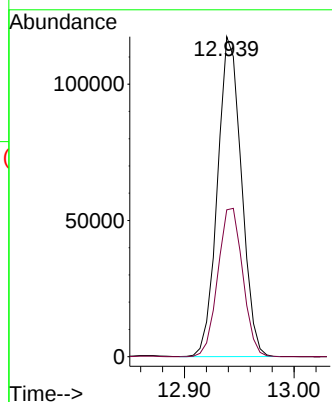
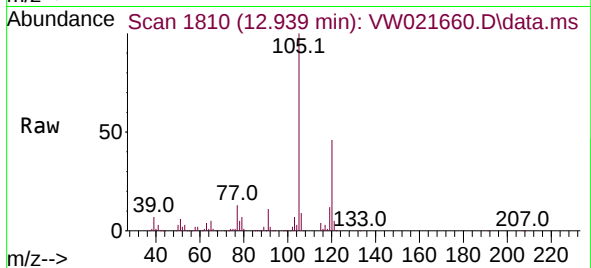
ClientSampleId :

Tgt Ion:105 Resp: 178342

Ion Ratio Lower Upper

105 100

120 48.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.534 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021660.D

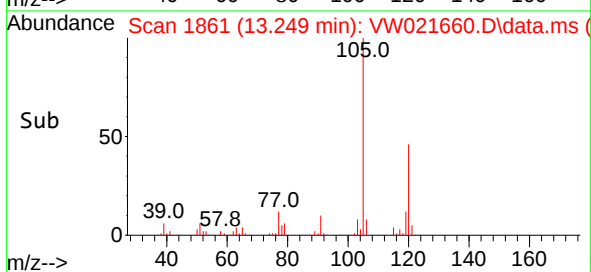
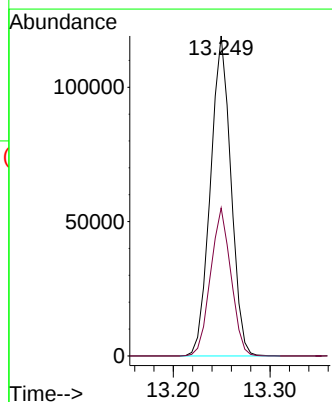
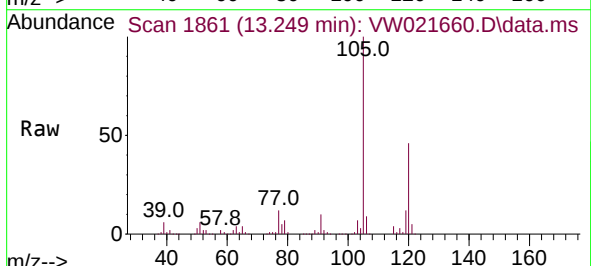
Acq: 27 Dec 2021 11:52

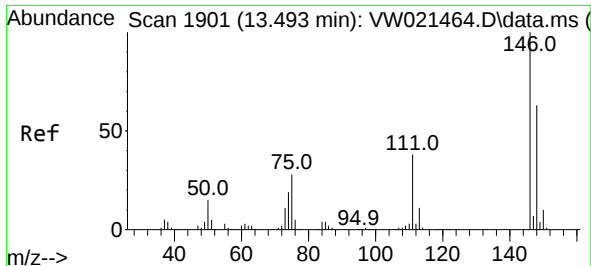
Tgt Ion:105 Resp: 175383

Ion Ratio Lower Upper

105 100

120 46.0 35.0 52.6

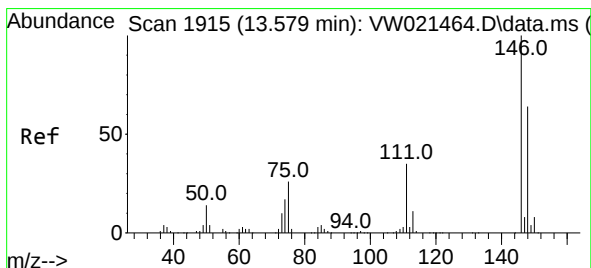
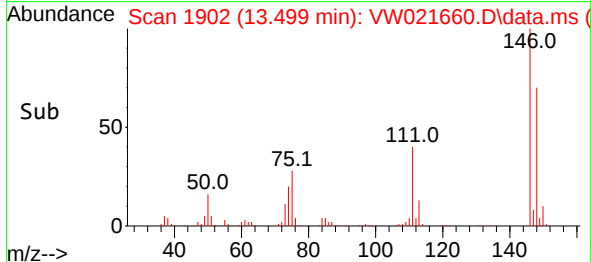
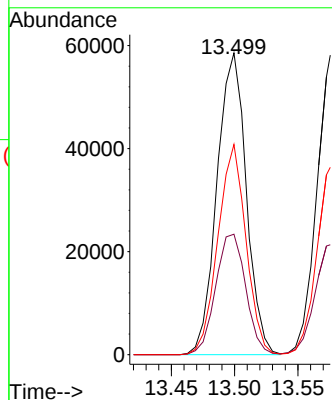
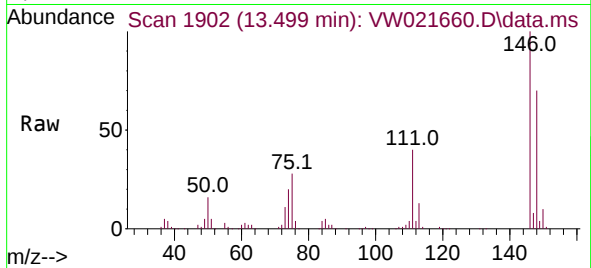




#64
1,3-Dichlorobenzene
Concen: 21.587 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

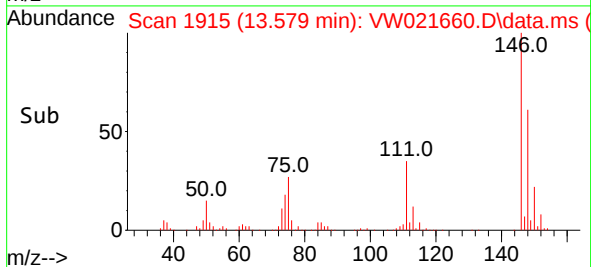
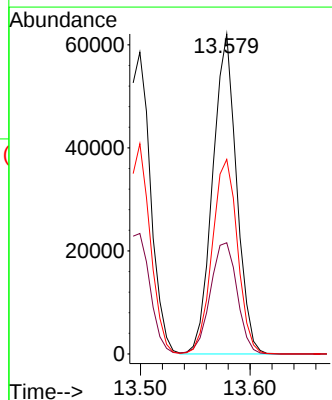
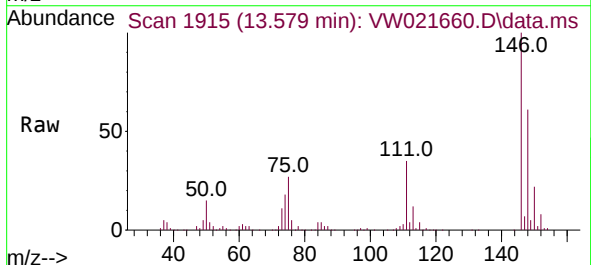
Instrument :
MSVOA_W
ClientSampleId :

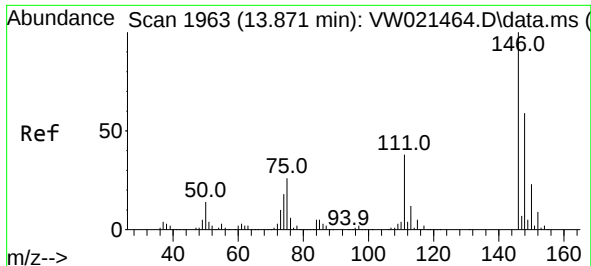
Tgt Ion:146 Resp: 94406
Ion Ratio Lower Upper
146 100
111 39.9 29.8 55.3
148 69.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 21.675 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021660.D
Acq: 27 Dec 2021 11:52

Tgt Ion:146 Resp: 94182
Ion Ratio Lower Upper
146 100
111 34.8 29.0 53.9
148 60.8 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.912 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021660.D

Acq: 27 Dec 2021 11:52

Instrument :

MSVOA_W

ClientSampleId :

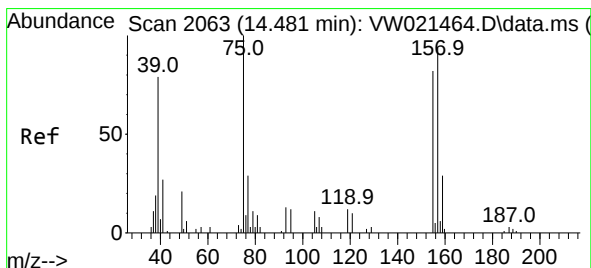
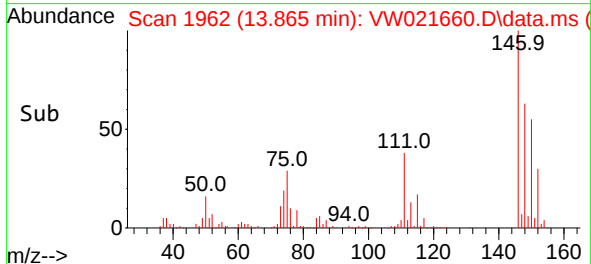
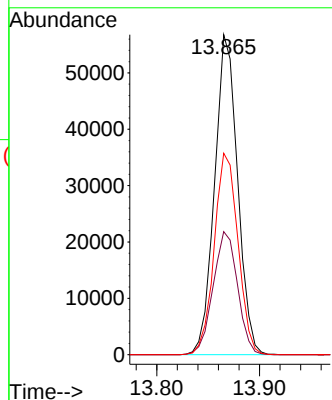
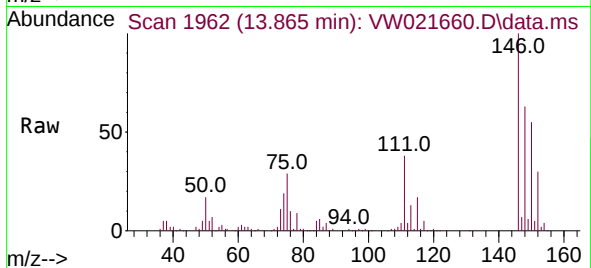
Tgt Ion:146 Resp: 88217

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: 21.060 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021660.D

Acq: 27 Dec 2021 11:52

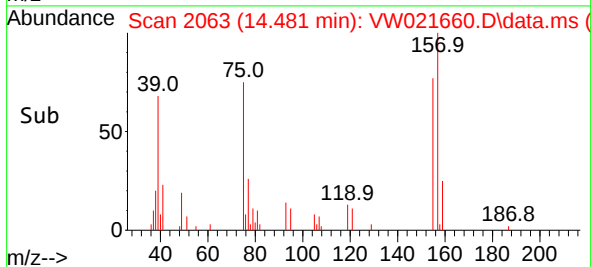
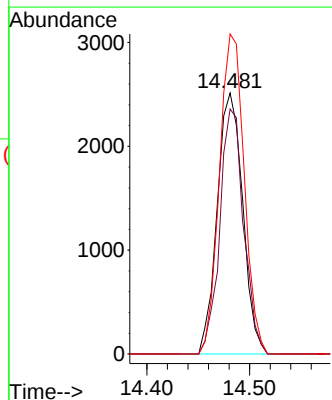
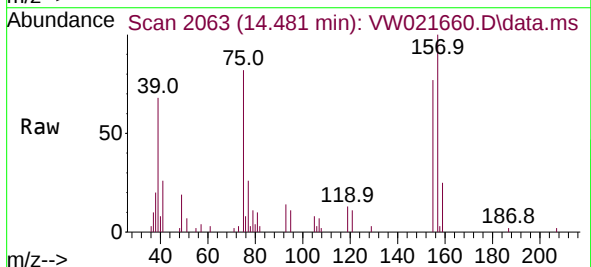
Tgt Ion: 75 Resp: 4314

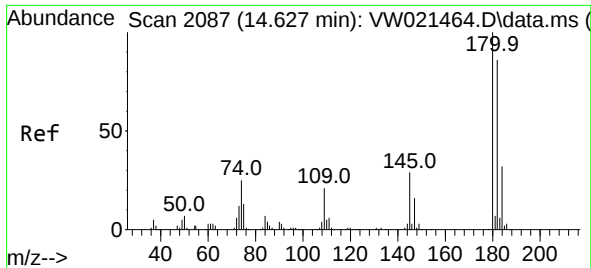
Ion Ratio Lower Upper

75 100

155 93.9 54.2 81.2#

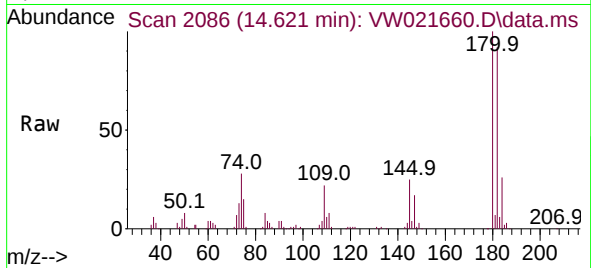
157 122.6 69.4 104.2#



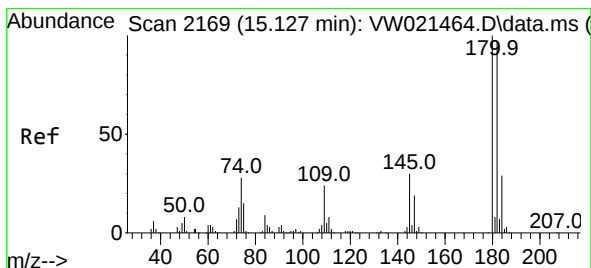
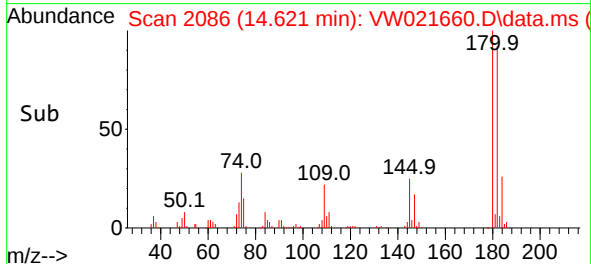
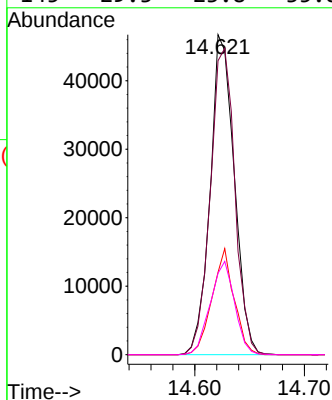


#69
 1,3,5-Trichlorobenzene
 Concen: 21.881 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW021660.D
 Acq: 27 Dec 2021 11:52

Instrument :
 MSVOA_W
 ClientSampleId :

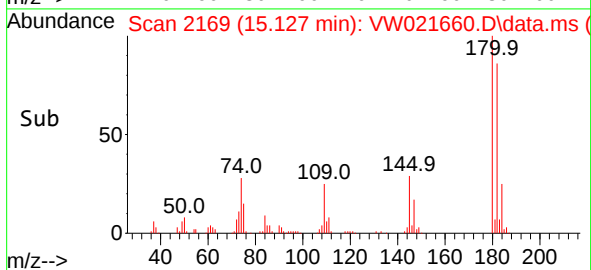
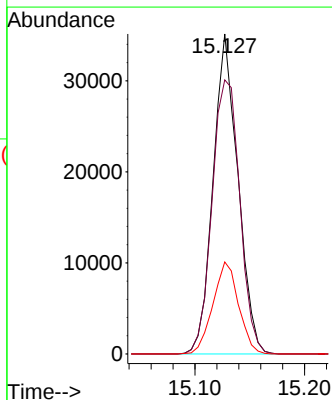
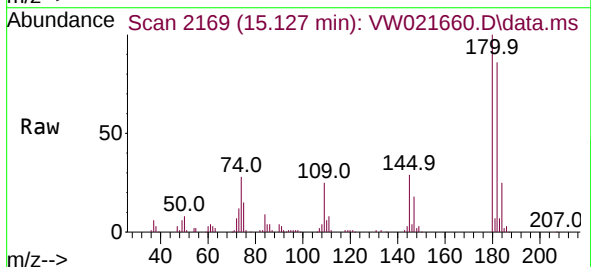


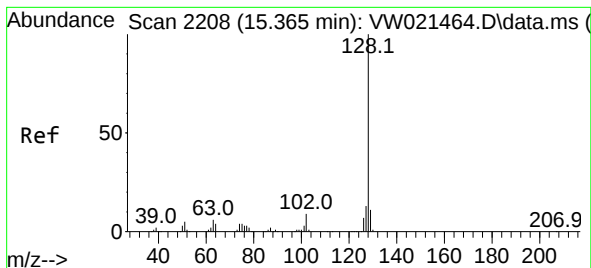
Tgt Ion:180 Resp: 71524
 Ion Ratio Lower Upper
 180 100
 182 97.5 75.4 113.0
 184 30.4 23.8 35.8
 145 29.3 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 21.043 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW021660.D
 Acq: 27 Dec 2021 11:52

Tgt Ion:180 Resp: 55324
 Ion Ratio Lower Upper
 180 100
 182 95.8 79.0 118.6
 145 29.7 26.0 39.0





#71

Naphthalene

Concen: 20.461 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min MSVOA_W

Lab File: VW021660.D

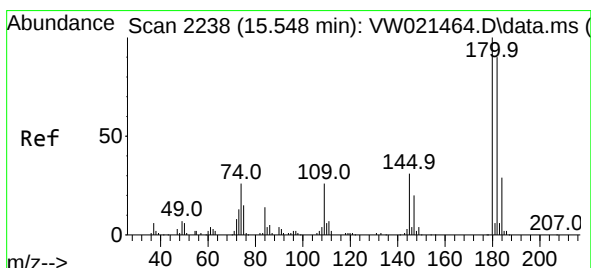
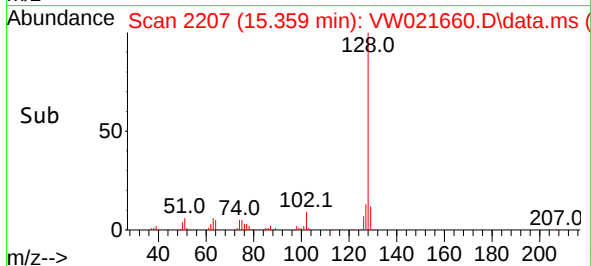
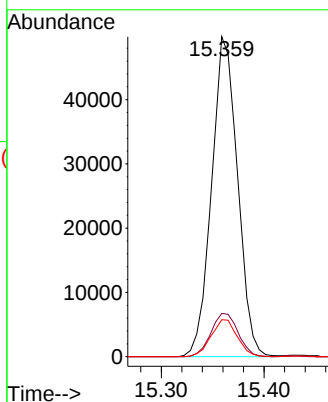
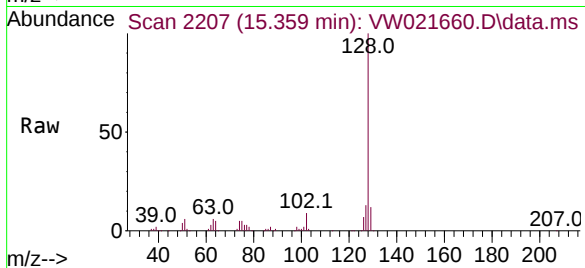
Acq: 27 Dec 2021 11:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	87396
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.7 16.1
129	11.7	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 20.893 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021660.D

Acq: 27 Dec 2021 11:52

Tgt Ion:180	Resp:	45397
Ion Ratio	Lower	Upper
180	100	
182	99.2	76.6 114.8
145	32.4	27.4 41.0

