

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031022\
 Data File : VW022270.D
 Acq On : 10 Mar 2022 13:52
 Operator : SY/VA
 Sample : N1818-10MSD
 Misc : 7.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 11 03:09:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 03:07:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174109	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	160897	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	87690	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	72046	31.725	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.920%
7) Chloroethane-d5	2.879	69	50819	28.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.760%
11) 1,1-Dichloroethene-d2	4.013	63	83712	24.072	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.280%
21) 2-Butanone-d5	7.080	46	22916	60.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.040%
24) Chloroform-d	7.653	84	104407	26.877	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.520%
26) 1,2-Dichloroethane-d4	8.305	65	53819	26.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	8.268	84	204418	27.299	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	9.274	67	55937	26.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.600%
41) Toluene-d8	10.323	98	203711	27.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.440%
43) trans-1,3-Dichloroprop...	10.579	79	24938	27.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.200%
47) 2-Hexanone-d5	10.920	63	19673	57.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	50221	27.518	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	77003	27.340	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	9525	19.575	ug/L	90
3) Chloromethane	2.209	50	31024	18.606	ug/L	97
5) Vinyl chloride	2.355	62	46459	18.544	ug/L	93
6) Bromomethane	2.769	94	29546	16.886	ug/L	95
8) Chloroethane	2.916	64	27168	19.304	ug/L	98
9) Trichlorofluoromethane	3.251	101	26844	15.782	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	38802	18.698	ug/L	98
12) 1,1-Dichloroethene	4.038	96	32636	18.146	ug/L #	83
13) Acetone	4.123	43	19007	60.949	ug/L	99
14) Carbon disulfide	4.379	76	61581	13.206	ug/L	96
15) Methyl Acetate	4.665	43	14138	20.138	ug/L	100
16) Methylene chloride	4.909	84	37221	17.416	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	66118	33.470	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	59688	22.209	ug/L	99
19) 1,1-Dichloroethane	6.220	63	65545	20.495	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	69154	32.316	ug/L	98
22) 2-Butanone	7.171	43	24465	54.612	ug/L	99
23) Bromochloromethane	7.519	128	20477	19.588	ug/L	95
25) Chloroform	7.671	83	76815	20.585	ug/L	100

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 Response via : Initial Calibration

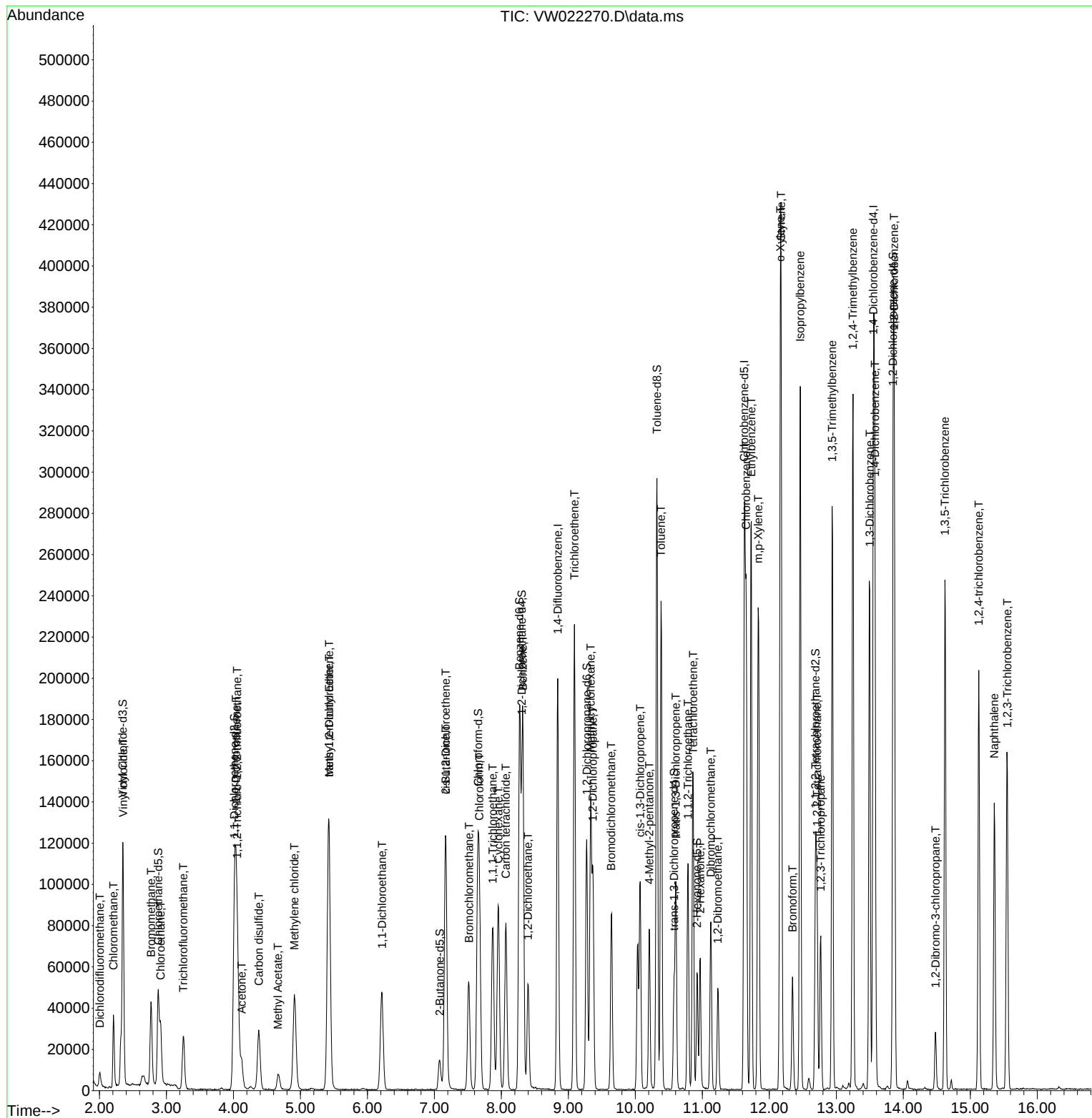
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	46122	20.067	ug/L	99
29) Cyclohexane	7.958	56	46254	17.274	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	65620	20.271	ug/L	99
31) Carbon tetrachloride	8.067	117	60656	19.716	ug/L	99
33) Benzene	8.323	78	151439	19.468	ug/L	100
34) Trichloroethene	9.091	95	73835	33.150	ug/L	98
35) Methylcyclohexane	9.335	83	60369	17.523	ug/L	99
37) 1,2-Dichloropropane	9.366	63	37086	20.435	ug/L	99
38) Bromodichloromethane	9.640	83	56131	21.568	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	59875	21.705	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	46646	47.596	ug/L	99
42) Toluene	10.384	91	175644	19.950	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	54422	21.954	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	33513	20.825	ug/L	97
46) Tetrachloroethene	10.866	164	36187	18.547	ug/L	96
48) 2-Hexanone	10.969	43	37931	55.764	ug/L	98
49) Dibromochloromethane	11.128	129	42355	21.668	ug/L	96
50) 1,2-Dibromoethane	11.231	107	32276	20.794	ug/L	94
51) Chlorobenzene	11.652	112	124471	20.314	ug/L	97
52) Ethylbenzene	11.731	91	197700	20.290	ug/L	99
53) m,p-Xylene	11.835	106	80675	20.121	ug/L	100
54) o-Xylene	12.164	106	79926	21.186	ug/L	94
55) Styrene	12.176	104	135106	21.363	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	42161	22.580	ug/L	98
59) Bromoform	12.347	173	23568	20.324	ug/L #	96
60) Isopropylbenzene	12.463	105	218912	20.796	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29365	21.217	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	146869	20.982	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	185158	21.645	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	106910	20.474	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	107968	20.633	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	95417	20.552	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6312	21.574	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.621	180	75648	20.183	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	62363	21.991	ug/L	99
71) Naphthalene	15.359	128	118308	23.632	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	54565	22.245	ug/L	99

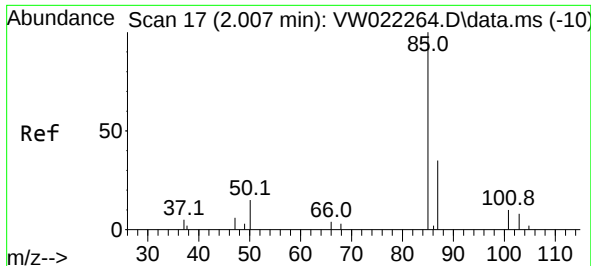
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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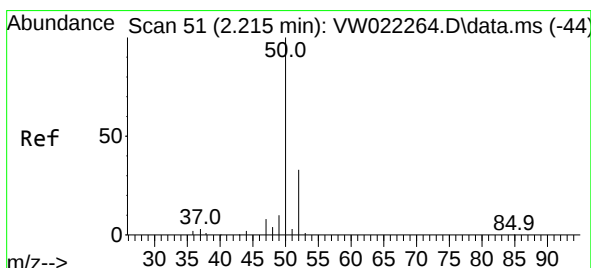
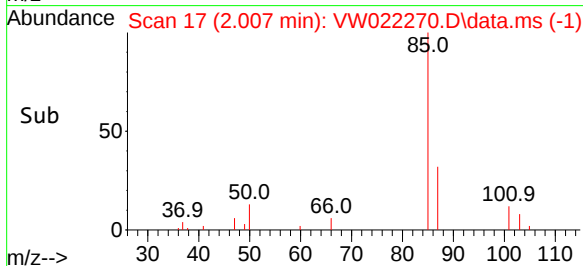
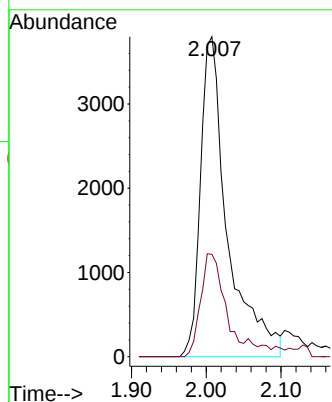
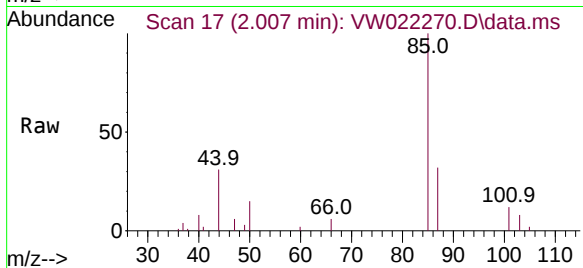




#2
 Dichlorodifluoromethane
 Concen: 19.575 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW022270.D
 Acq: 10 Mar 2022 13:52

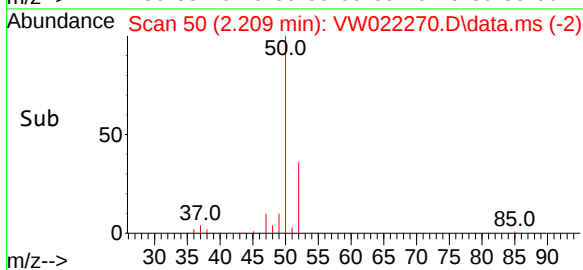
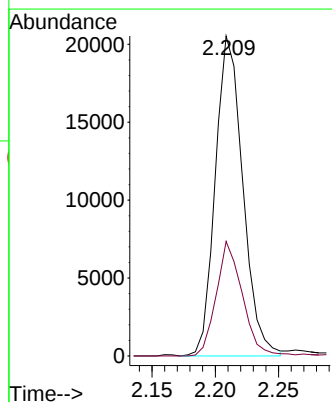
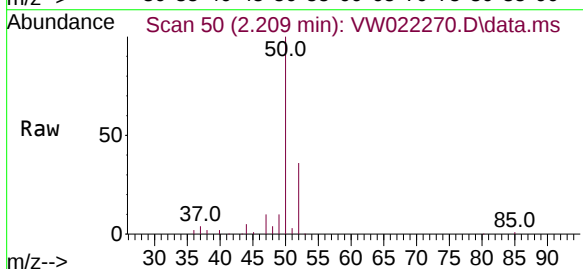
Instrument :
 MSVOA_W
 ClientSampleId :

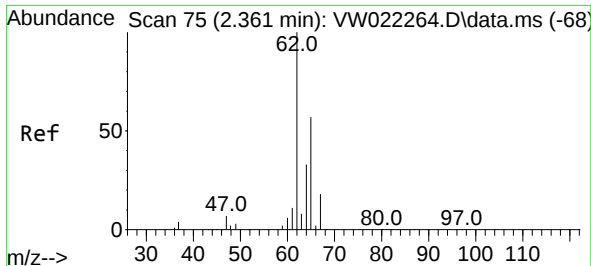
Tgt Ion: 85 Resp: 9525
 Ion Ratio Lower Upper
 85 100
 87 28.6 27.6 41.4



#3
 Chloromethane
 Concen: 18.606 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW022270.D
 Acq: 10 Mar 2022 13:52

Tgt Ion: 50 Resp: 31024
 Ion Ratio Lower Upper
 50 100
 52 35.8 23.9 44.5

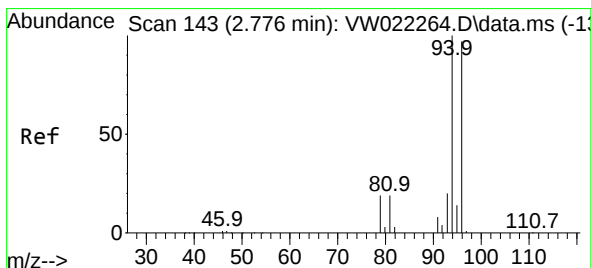
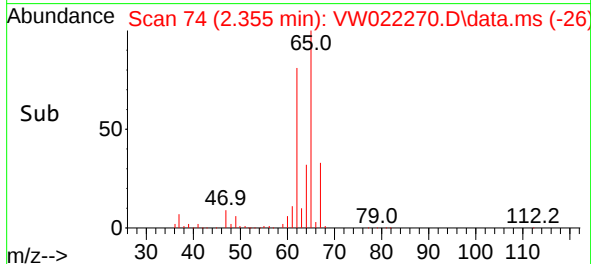
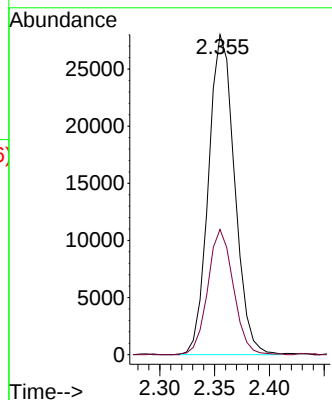
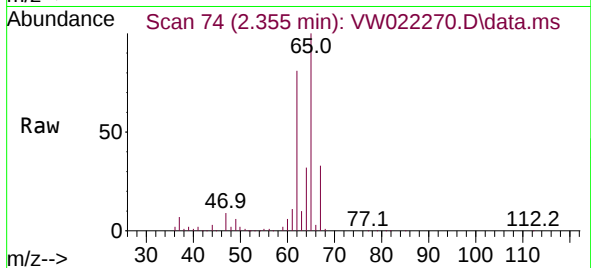




#5
 Vinyl chloride
 Concen: 18.544 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022270.D
 Acq: 10 Mar 2022 13:52

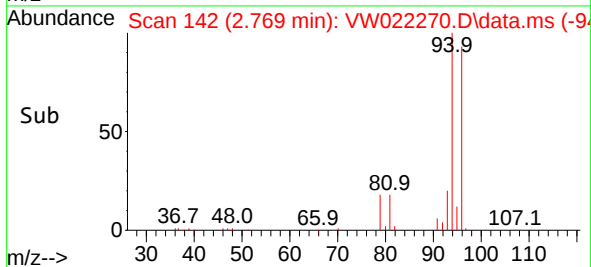
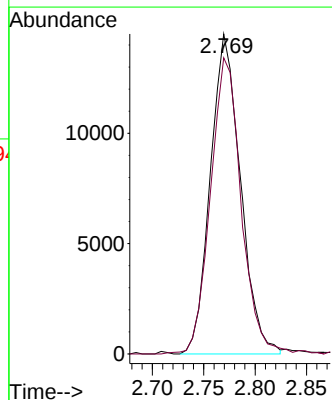
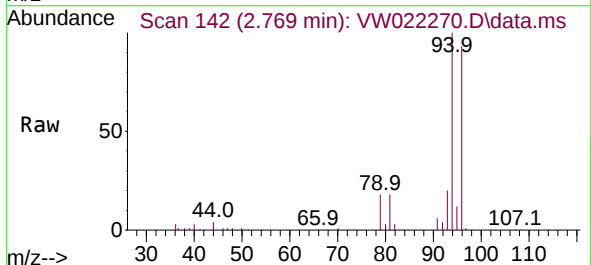
Instrument :
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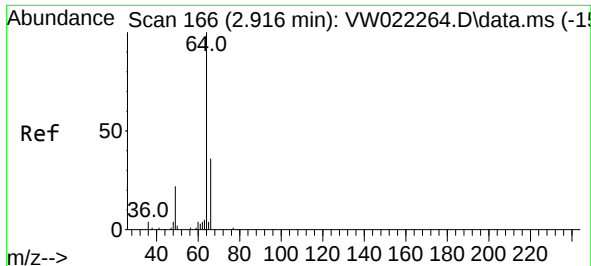
Tgt Ion: 62 Resp: 46459
 Ion Ratio Lower Upper
 62 100
 64 39.1 24.7 45.9



#6
 Bromomethane
 Concen: 16.886 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW022270.D
 Acq: 10 Mar 2022 13:52

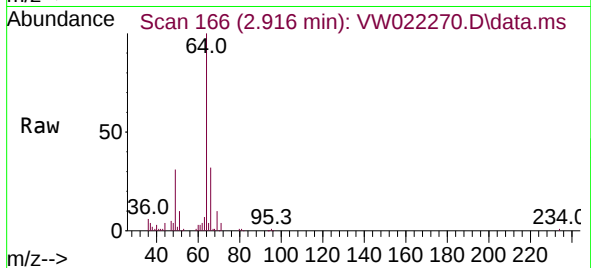
Tgt Ion: 94 Resp: 29546
 Ion Ratio Lower Upper
 94 100
 96 92.5 61.2 113.8



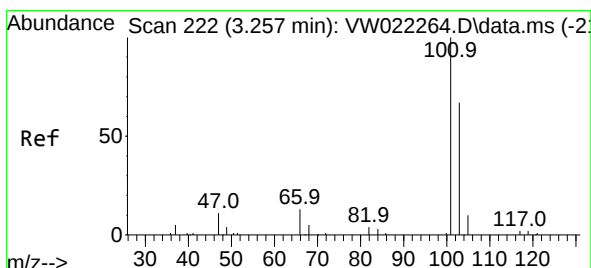
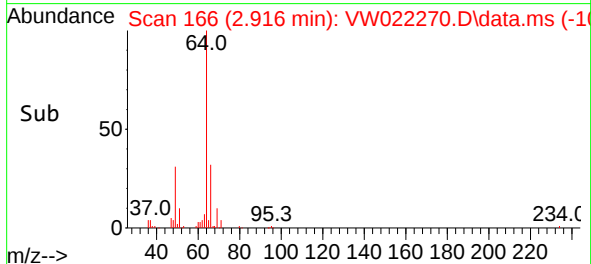
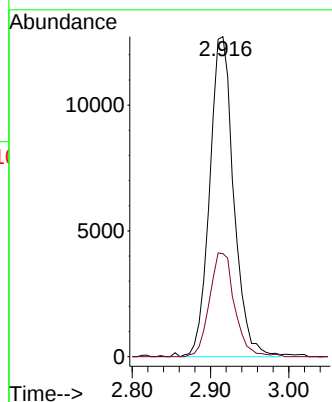


#8
Chloroethane
Concen: 19.304 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Instrument :
MSVOA_W
ClientSampleId :

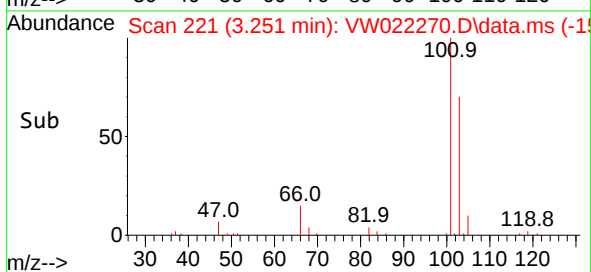
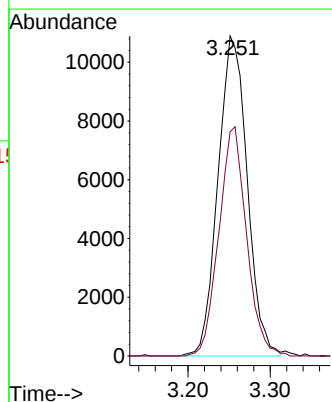
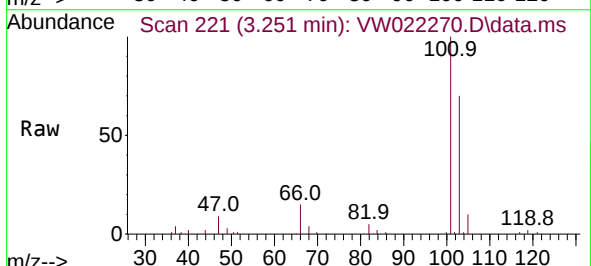


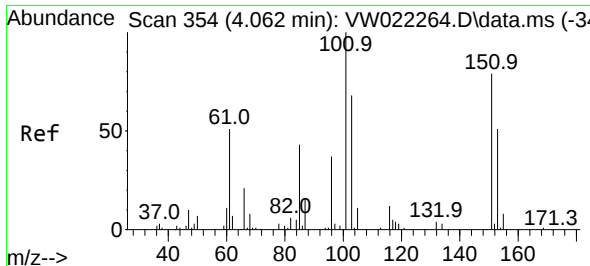
Tgt Ion: 64 Resp: 27168
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 15.782 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Tgt Ion: 101 Resp: 26844
Ion Ratio Lower Upper
101 100
103 68.1 53.2 79.8

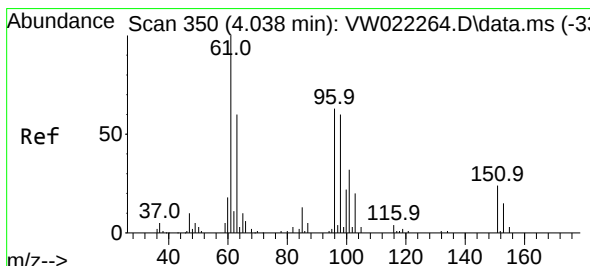
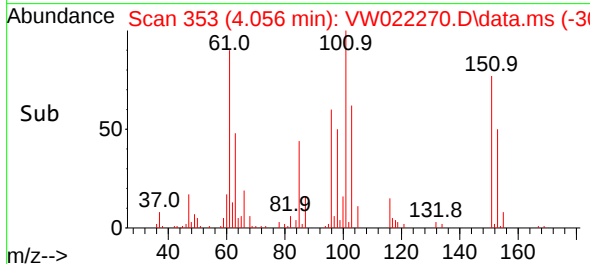
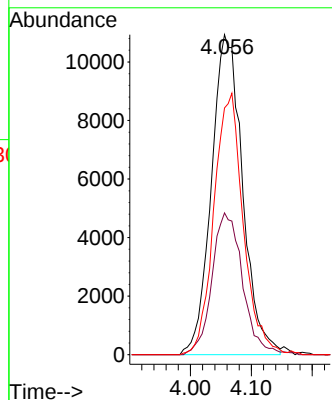
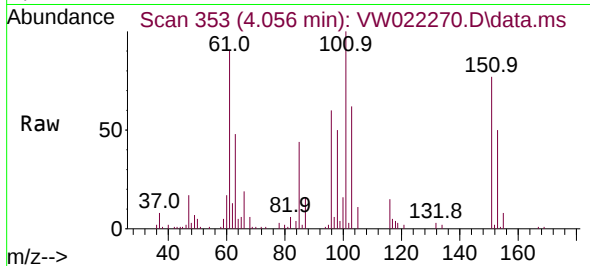




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.698 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022270.D
 Acq: 10 Mar 2022 13:52

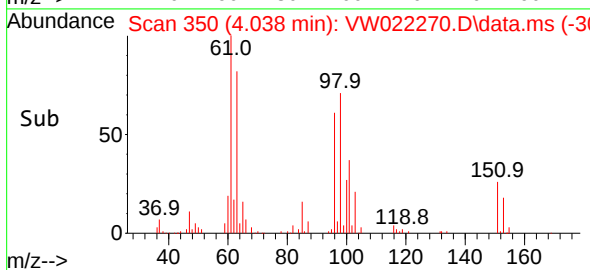
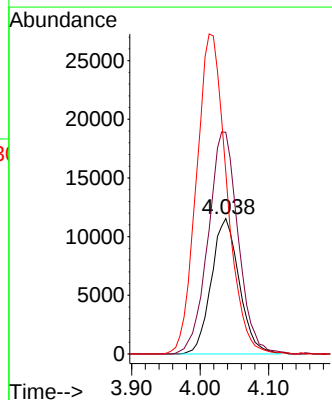
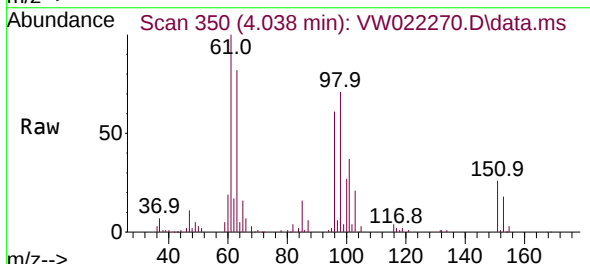
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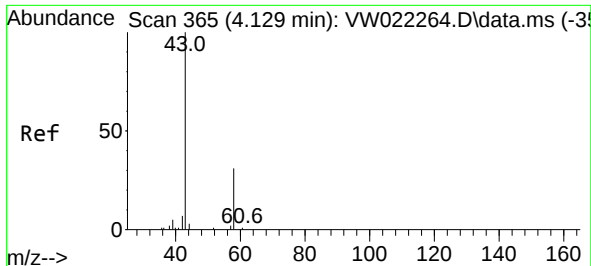
Tgt Ion:101 Resp: 38802
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.4 51.6
 151 76.8 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 18.146 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022270.D
 Acq: 10 Mar 2022 13:52

Tgt Ion: 96 Resp: 32636
 Ion Ratio Lower Upper
 96 100
 61 163.9 108.4 201.2
 63 134.6 72.0 133.6#





#13

Acetone

Concen: 60.949 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

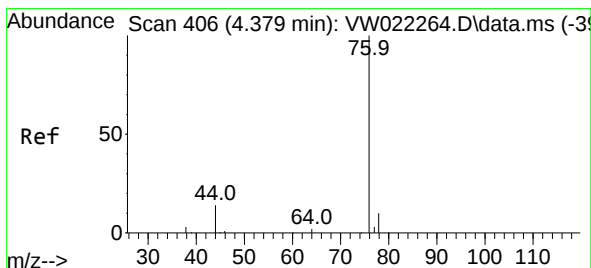
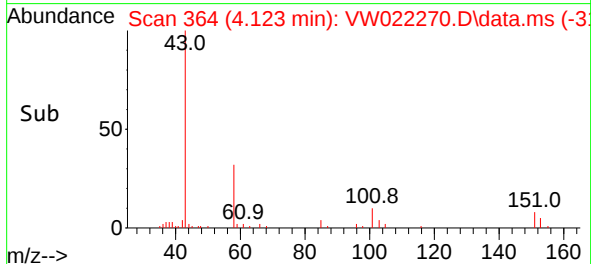
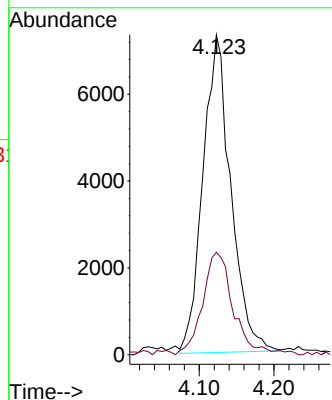
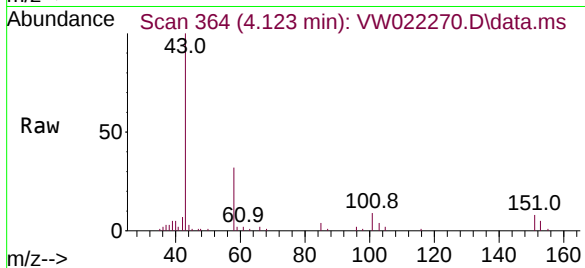
ClientSampleId :

Tgt Ion: 43 Resp: 19007

Ion Ratio Lower Upper

43 100

58 34.0 0.0 69.2



#14

Carbon disulfide

Concen: 13.206 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.000 min

Lab File: VW022270.D

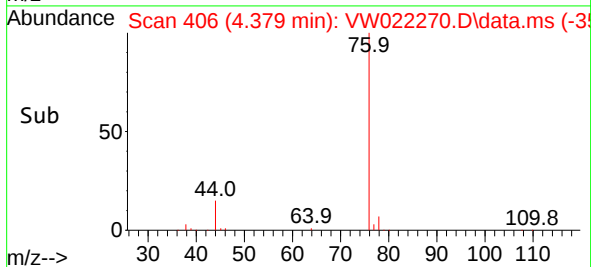
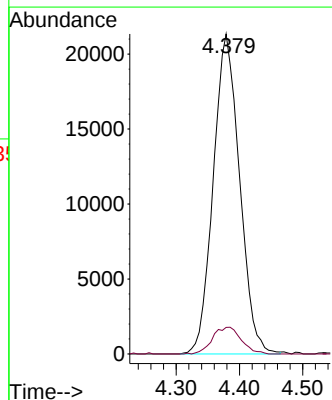
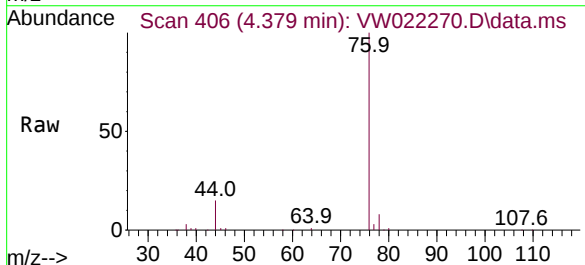
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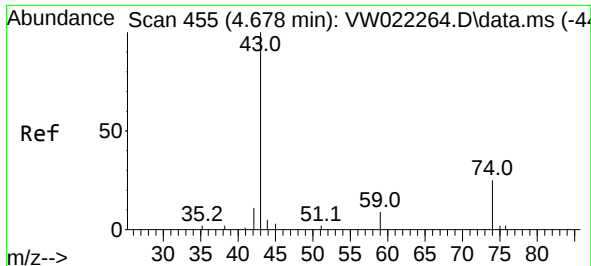
Tgt Ion: 76 Resp: 61581

Ion Ratio Lower Upper

76 100

78 8.3 7.8 11.8

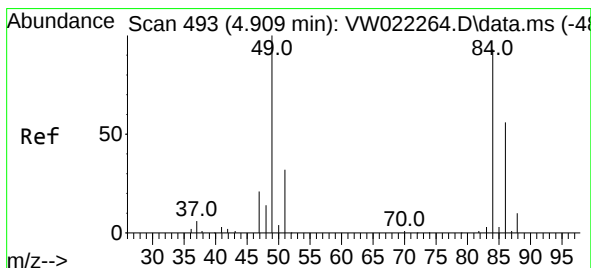
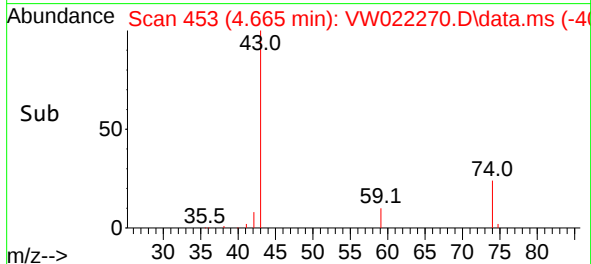
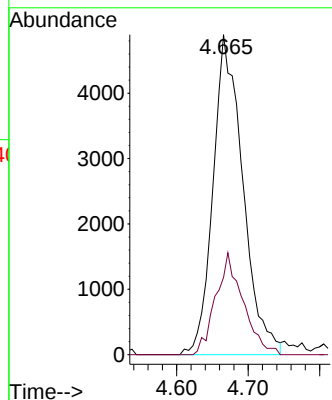
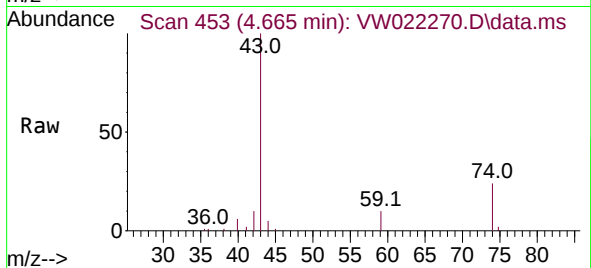




#15
Methyl Acetate
Concen: 20.138 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

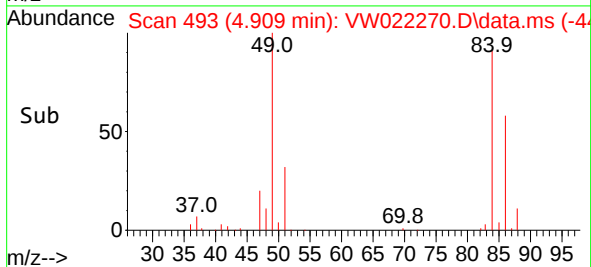
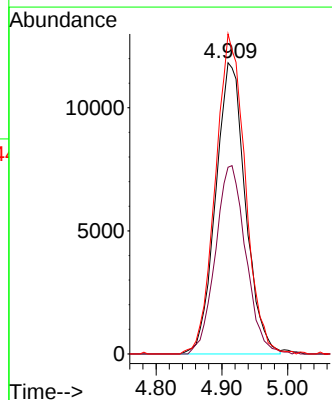
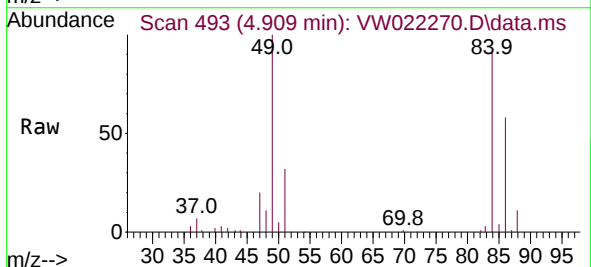
Instrument :
MSVOA_W
ClientSampleId :

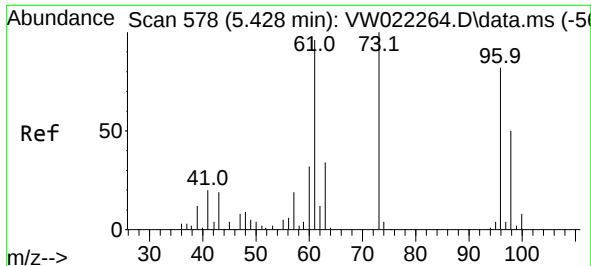
Tgt Ion: 43 Resp: 14138
Ion Ratio Lower Upper
43 100
74 28.9 23.0 34.6



#16
Methylene chloride
Concen: 17.416 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Tgt Ion: 84 Resp: 37221
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.0
49 109.9 73.8 137.0





#17

trans-1,2-Dichloroethene

Concen: 33.470 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

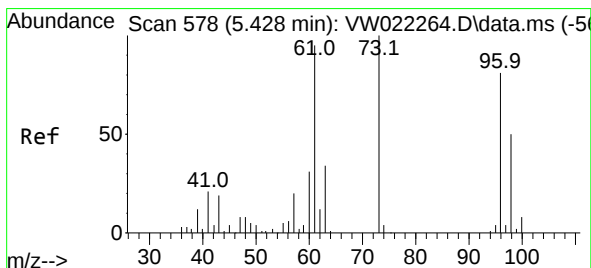
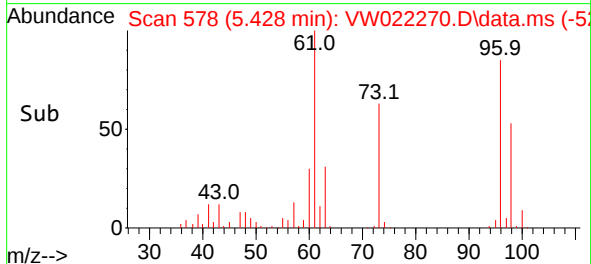
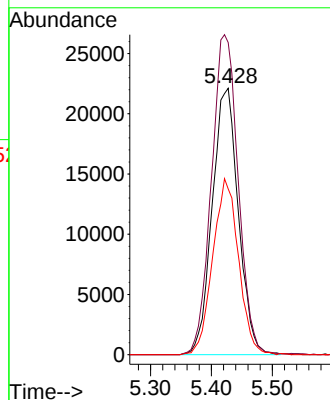
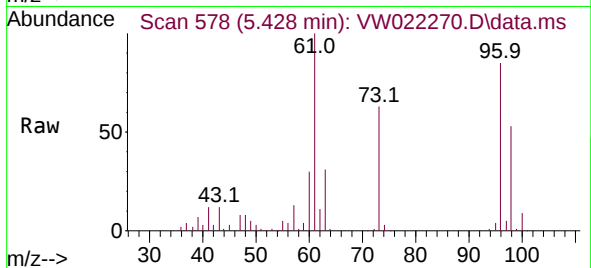
Tgt Ion: 96 Resp: 66118

Ion Ratio Lower Upper

96 100

61 117.2 87.3 162.1

98 62.2 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 22.209 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

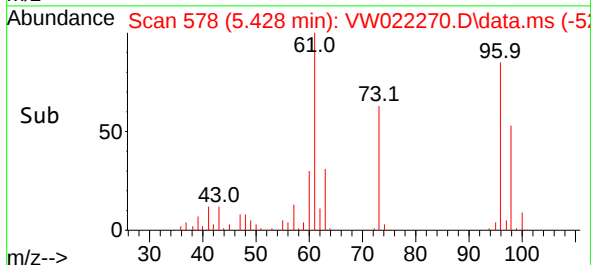
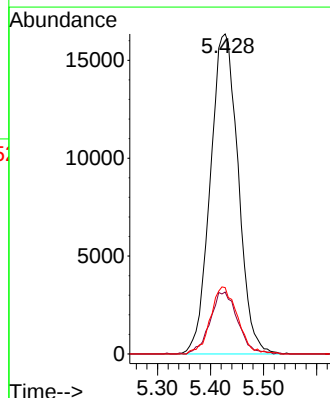
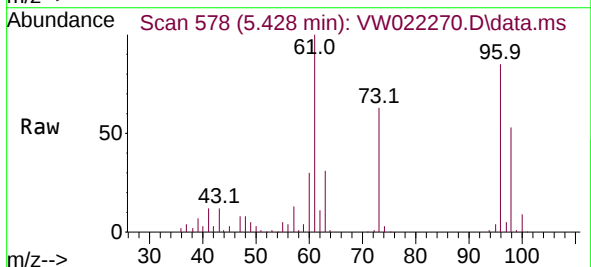
Tgt Ion: 73 Resp: 59688

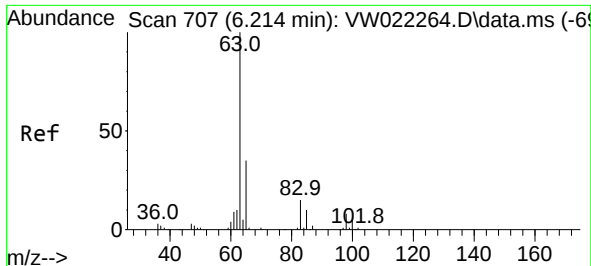
Ion Ratio Lower Upper

73 100

43 19.1 15.4 23.2

57 20.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 20.495 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

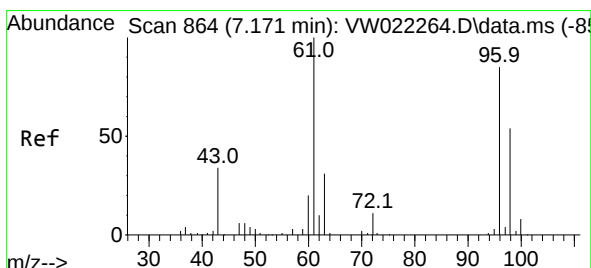
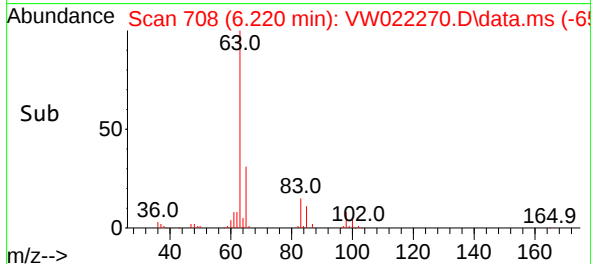
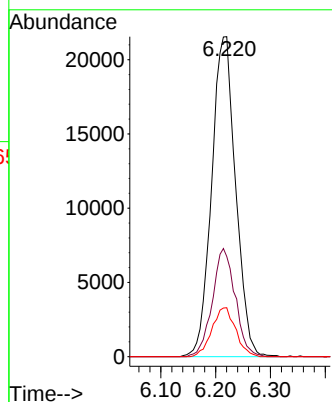
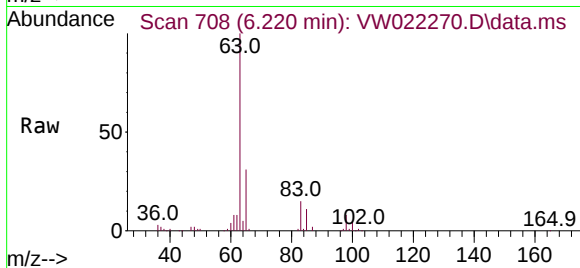
Tgt Ion: 63 Resp: 65545

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.9

83 15.3 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 32.316 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

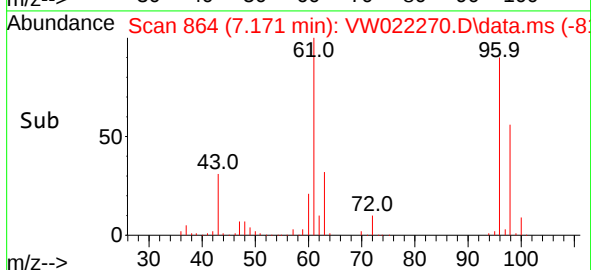
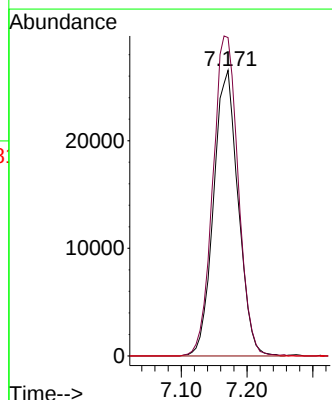
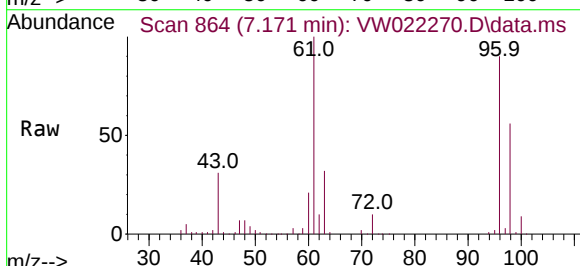
Tgt Ion: 96 Resp: 69154

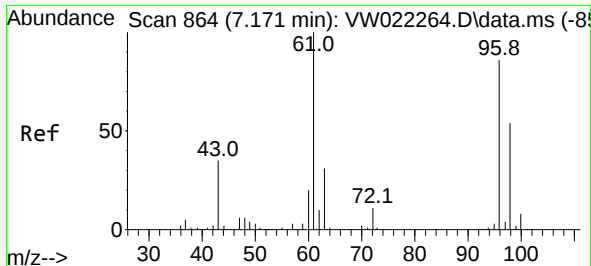
Ion Ratio Lower Upper

96 100

61 111.5 76.8 142.6

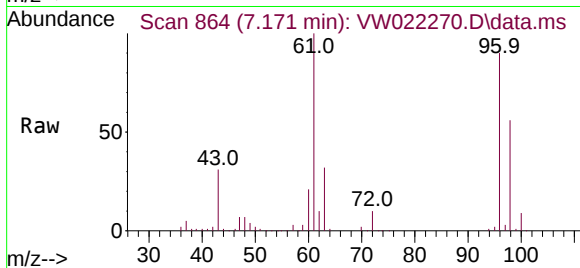
68 0.0 0.0 0.0



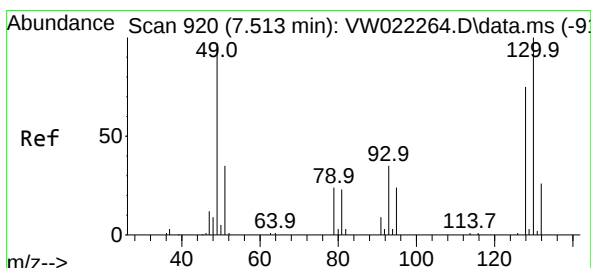
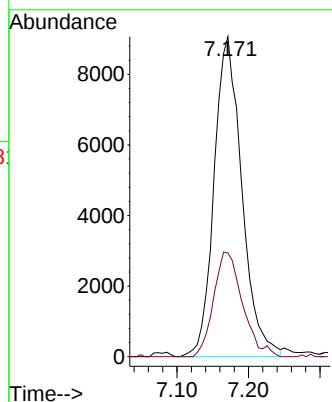
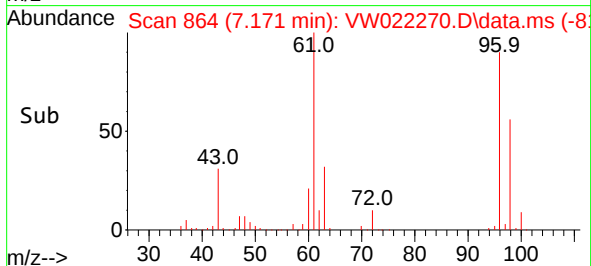


#22
2-Butanone
Concen: 54.612 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

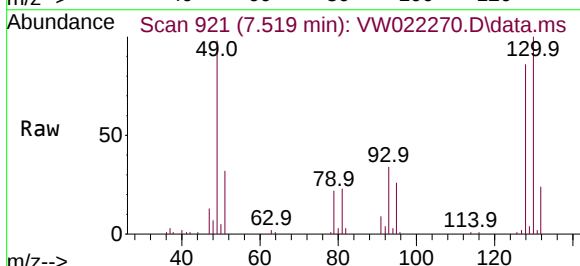
Instrument :
MSVOA_W
ClientSampleId :



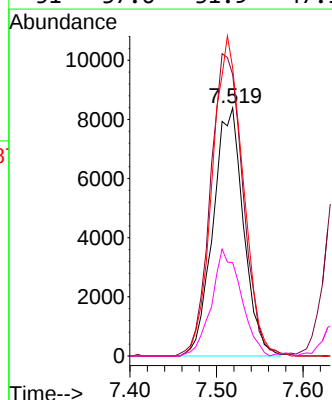
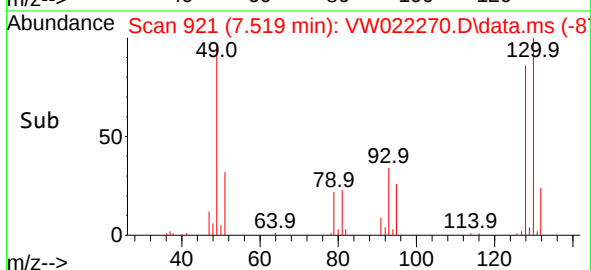
Tgt Ion: 43 Resp: 24465
Ion Ratio Lower Upper
43 100
72 33.2 17.0 51.0

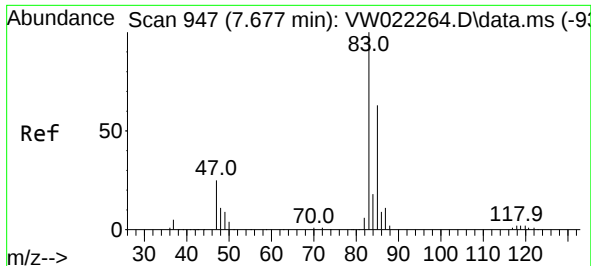


#23
Bromochloromethane
Concen: 19.588 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52



Tgt Ion: 128 Resp: 20477
Ion Ratio Lower Upper
128 100
49 113.5 84.2 156.4
130 116.1 84.8 157.4
51 37.6 31.9 47.9





#25

Chloroform

Concen: 20.585 ug/L

RT: 7.671 min Scan# 947

Delta R.T. -0.006 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

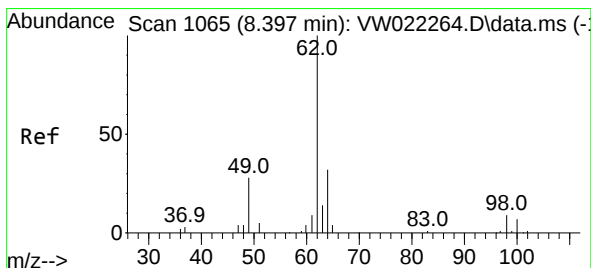
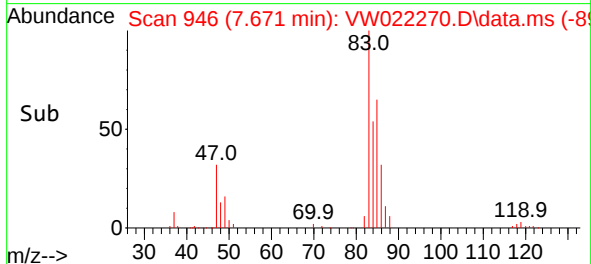
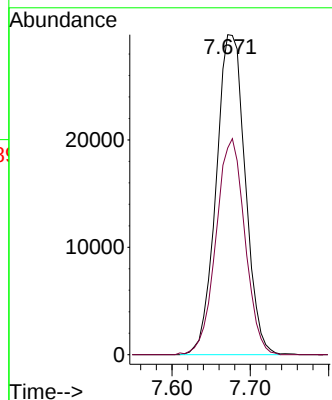
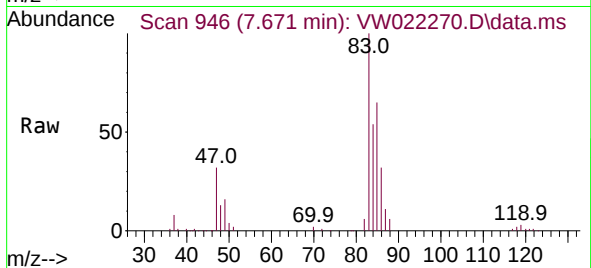
ClientSampleId :

Tgt Ion: 83 Resp: 76815

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.9



#27

1,2-Dichloroethane

Concen: 20.067 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW022270.D

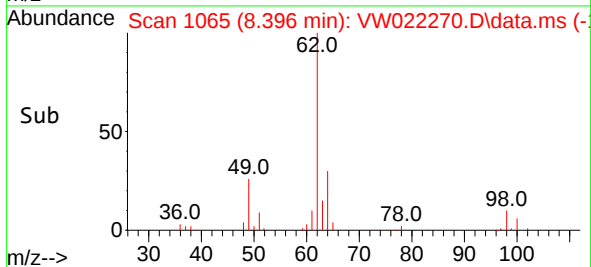
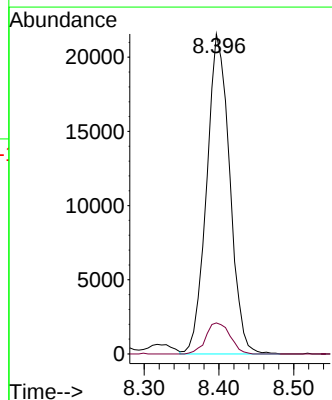
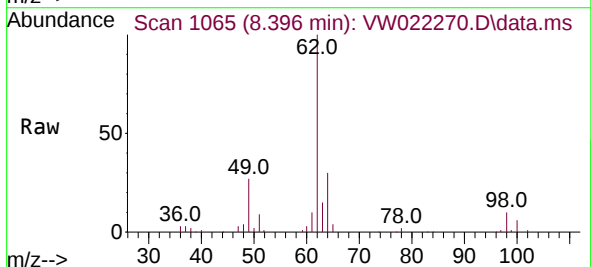
Acq: 10 Mar 2022 13:52

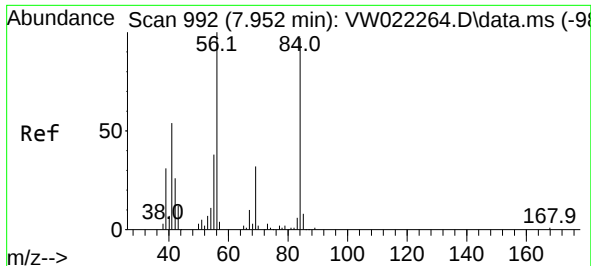
Tgt Ion: 62 Resp: 46122

Ion Ratio Lower Upper

62 100

98 9.7 7.9 11.9





#29

Cyclohexane

Concen: 17.274 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

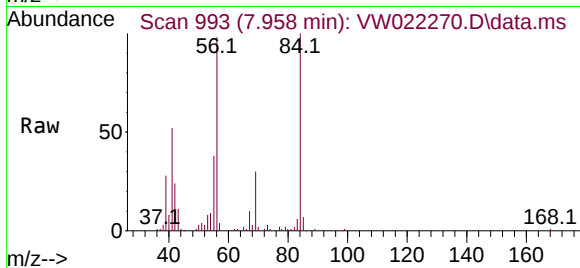
Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :



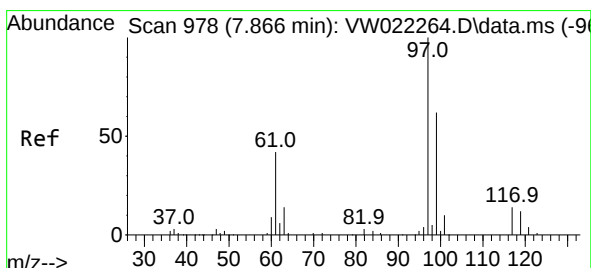
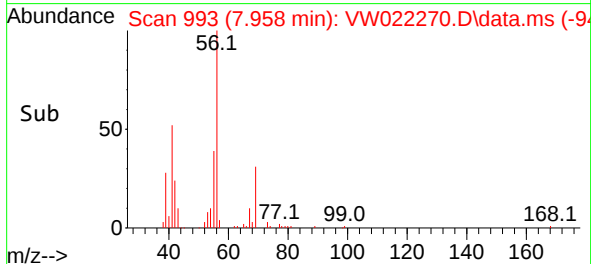
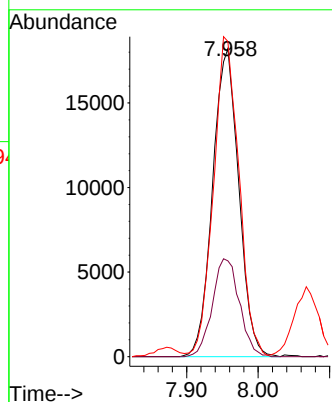
Tgt Ion: 56 Resp: 46254

Ion Ratio Lower Upper

56 100

69 32.8 26.3 39.5

84 100.9 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 20.271 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

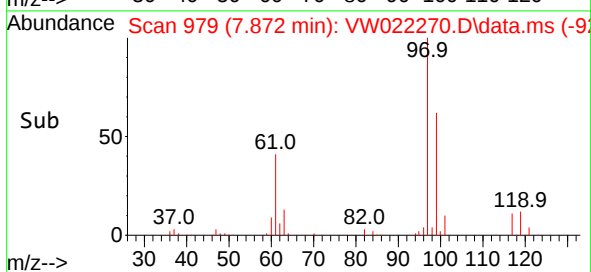
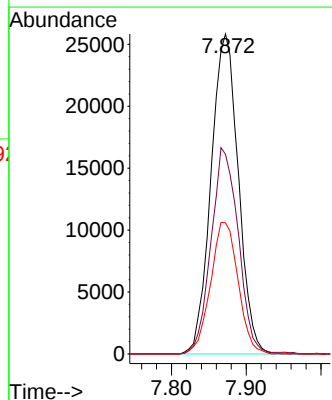
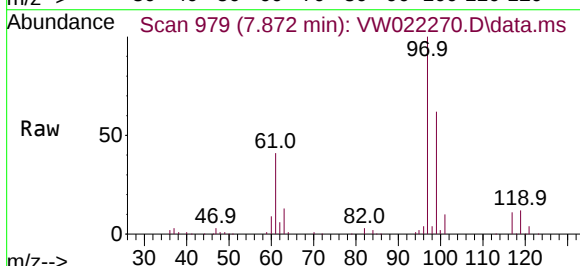
Tgt Ion: 97 Resp: 65620

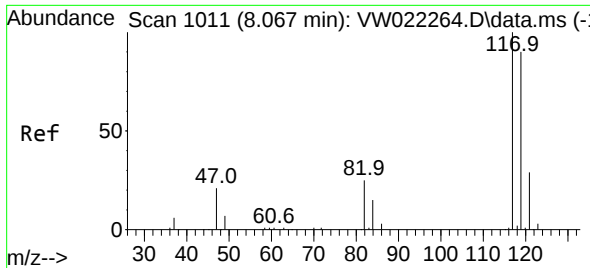
Ion Ratio Lower Upper

97 100

99 64.2 52.6 78.8

61 41.5 33.0 49.6

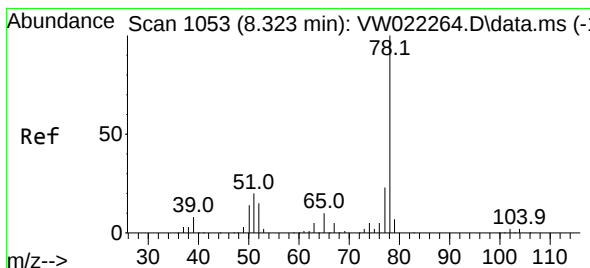
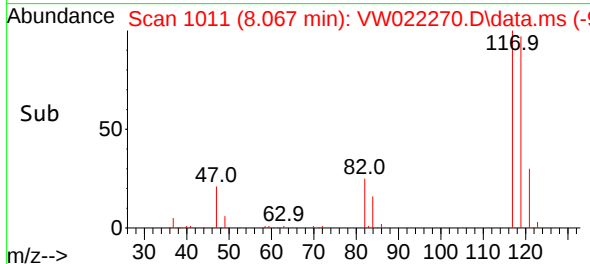
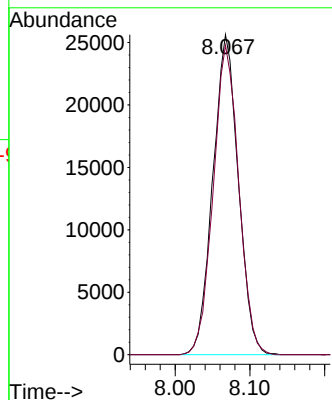
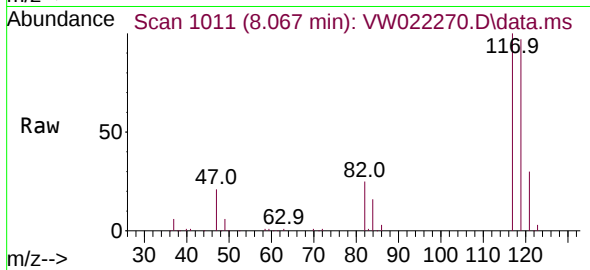




#31
Carbon tetrachloride
Concen: 19.716 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

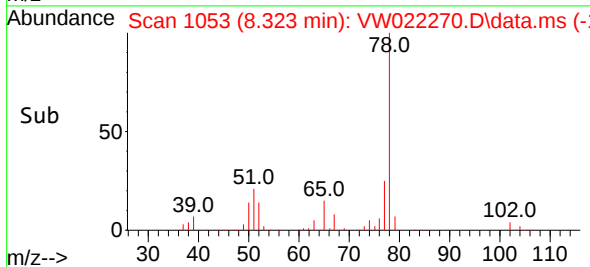
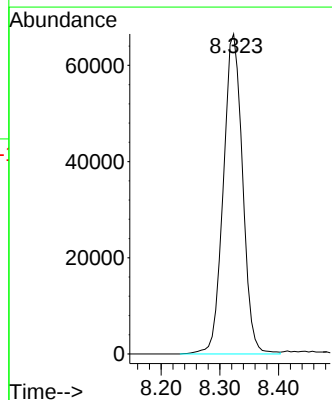
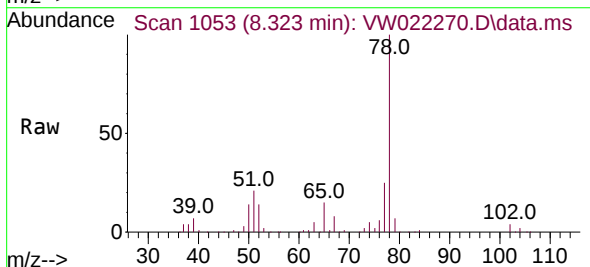
Instrument :
MSVOA_W
ClientSampleId :

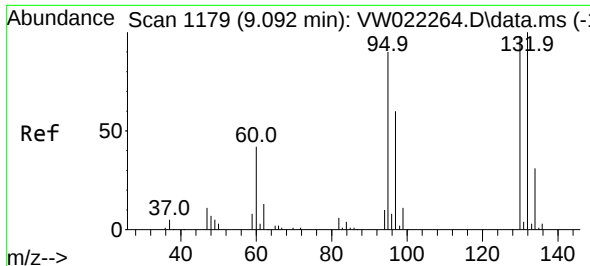
Tgt Ion:117 Resp: 60656
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1



#33
Benzene
Concen: 19.468 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

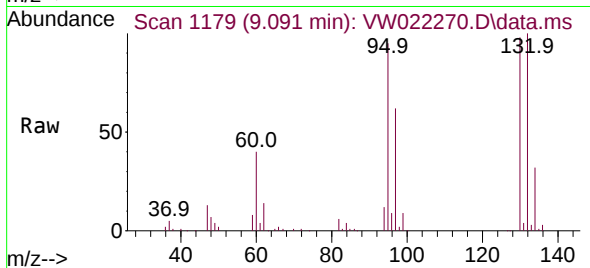
Tgt Ion: 78 Resp: 151439





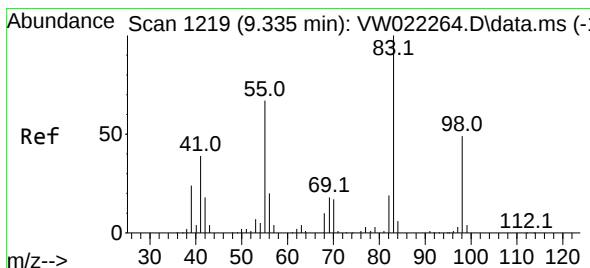
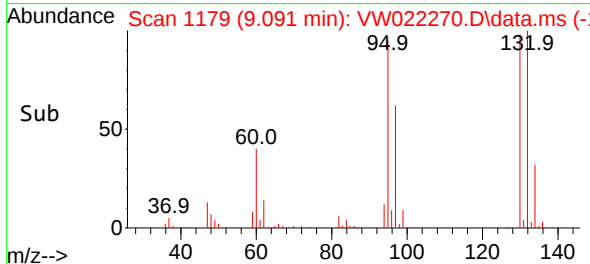
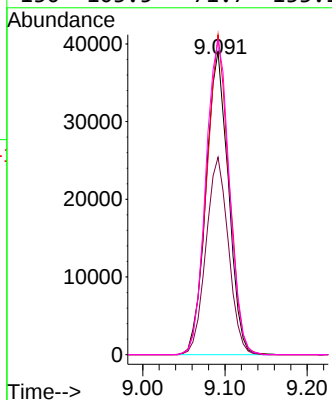
#34
Trichloroethene
Concen: 33.150 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 73835

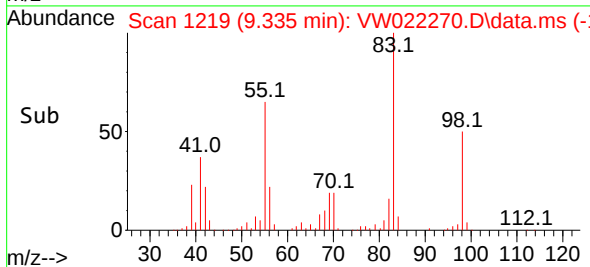
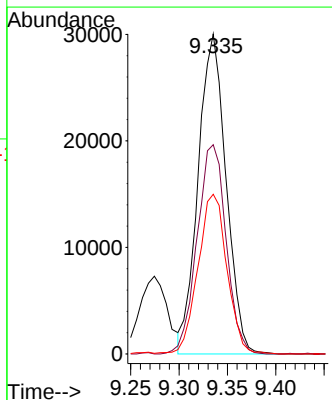
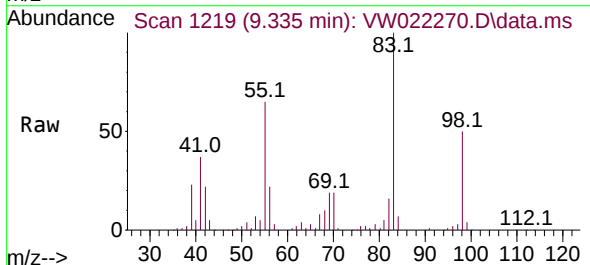
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.4	82.4
132	105.5	71.7	133.1
130	103.5	71.7	133.1

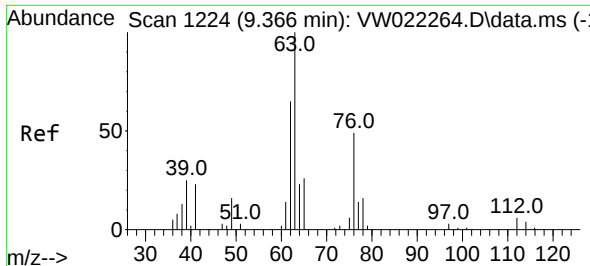


#35
Methylcyclohexane
Concen: 17.523 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Tgt Ion: 83 Resp: 60369

Ion	Ratio	Lower	Upper
83	100		
55	67.9	53.8	80.8
98	51.9	42.1	63.1





#37

1,2-Dichloropropane

Concen: 20.435 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

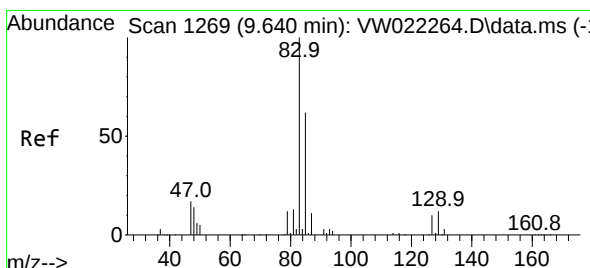
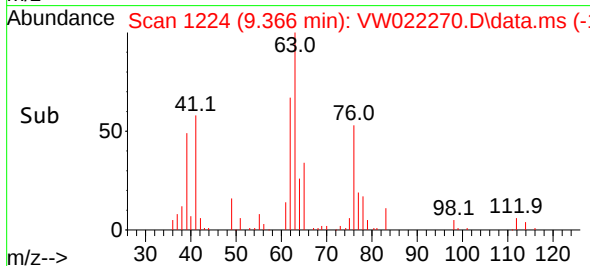
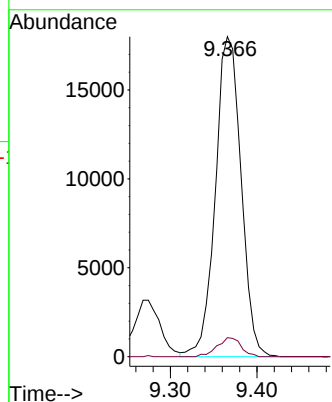
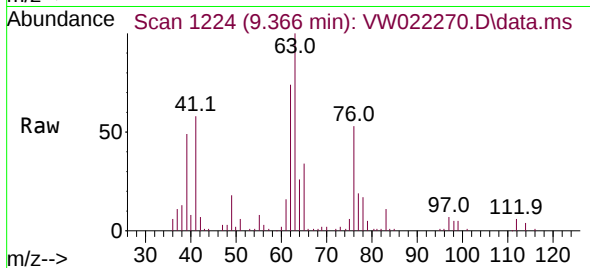
ClientSampleId :

Tgt Ion: 63 Resp: 37086

Ion Ratio Lower Upper

63 100

112 5.5 4.1 6.1



#38

Bromodichloromethane

Concen: 21.568 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

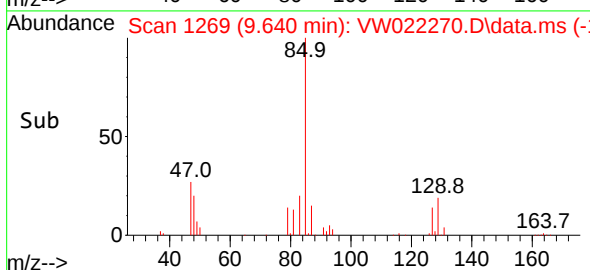
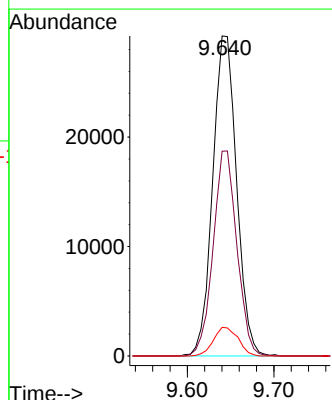
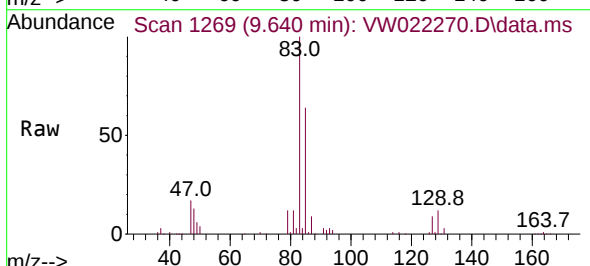
Tgt Ion: 83 Resp: 56131

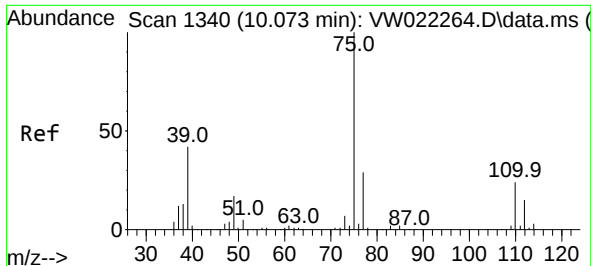
Ion Ratio Lower Upper

83 100

85 64.0 47.9 89.1

127 9.0 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 21.705 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

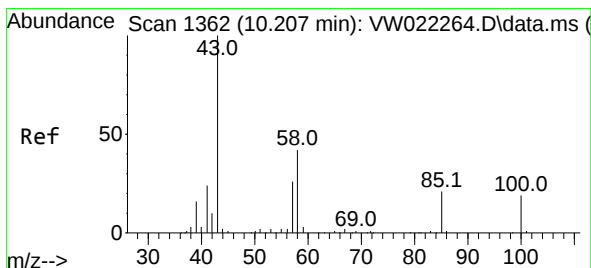
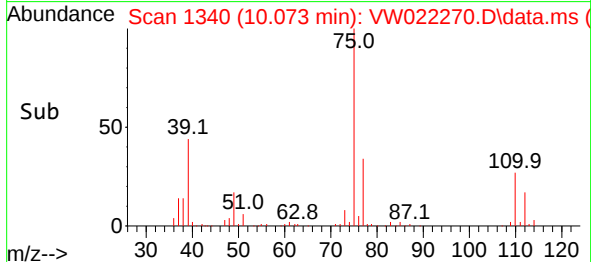
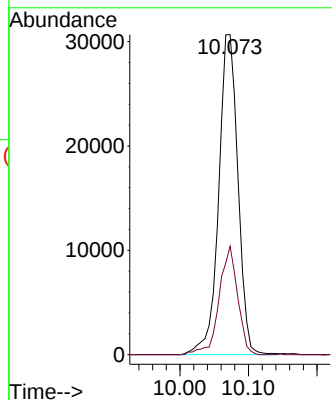
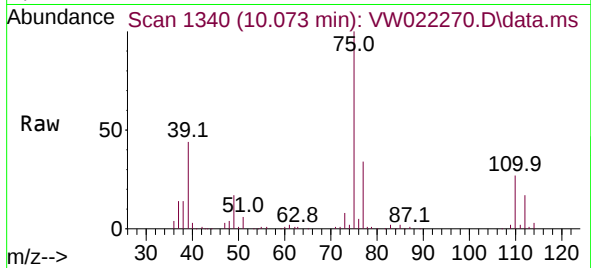
ClientSampleId :

Tgt Ion: 75 Resp: 59875

Ion Ratio Lower Upper

75 100

77 33.9 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 47.596 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

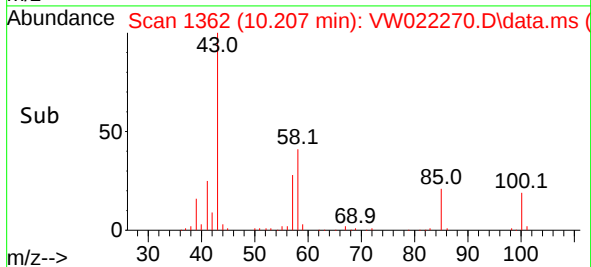
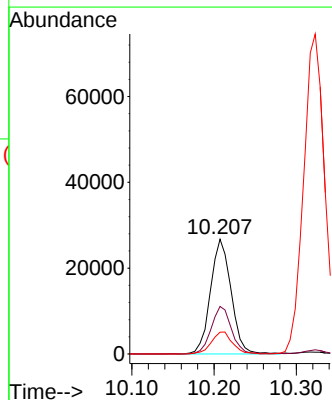
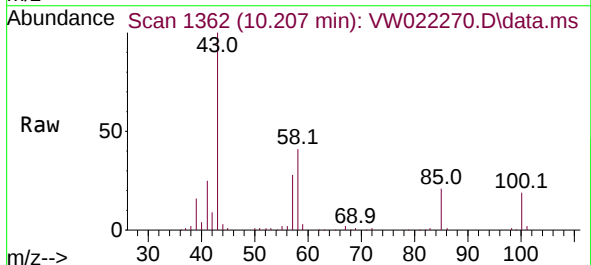
Tgt Ion: 43 Resp: 46646

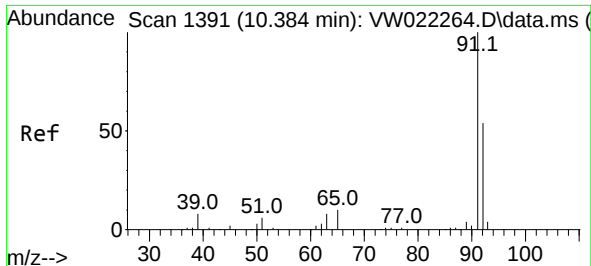
Ion Ratio Lower Upper

43 100

58 40.7 33.2 49.8

100 19.6 16.1 24.1

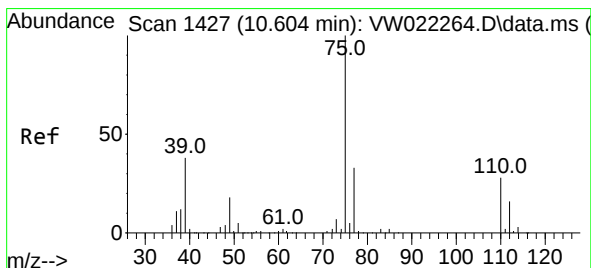
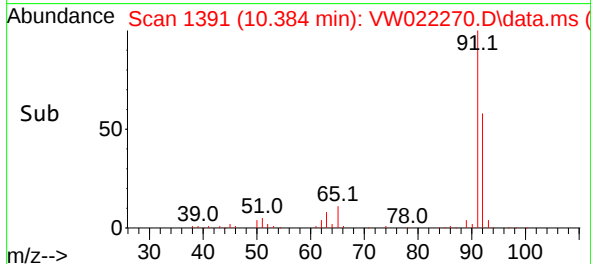
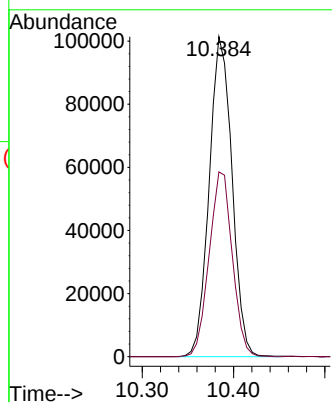
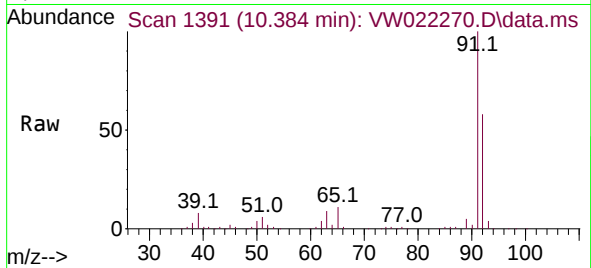




#42
Toluene
Concen: 19.950 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

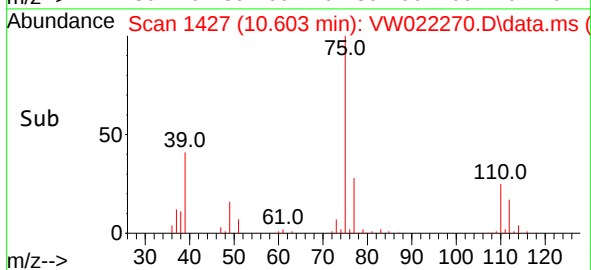
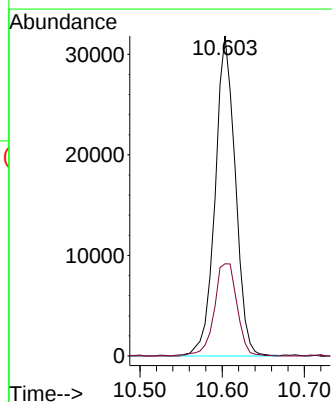
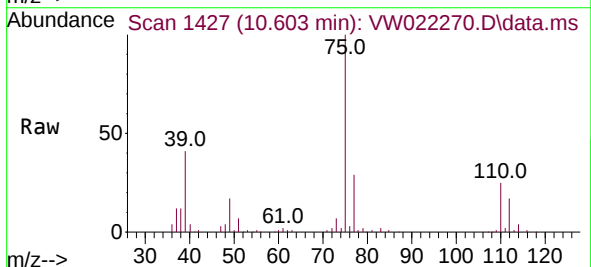
Instrument :
MSVOA_W
ClientSampleId :

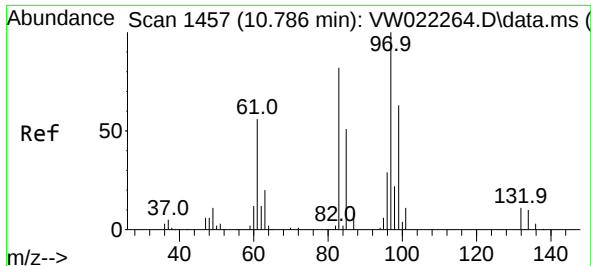
Tgt Ion: 91 Resp: 175644
Ion Ratio Lower Upper
91 100
92 57.7 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 21.954 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Tgt Ion: 75 Resp: 54422
Ion Ratio Lower Upper
75 100
77 28.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 20.825 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 33513

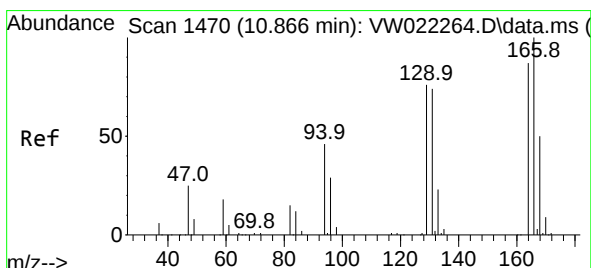
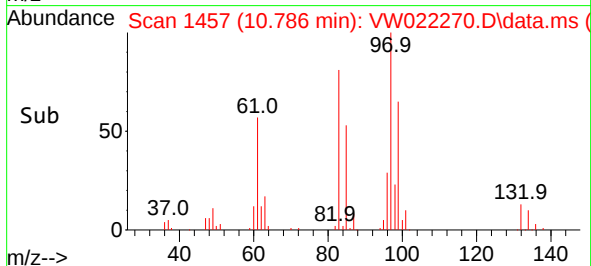
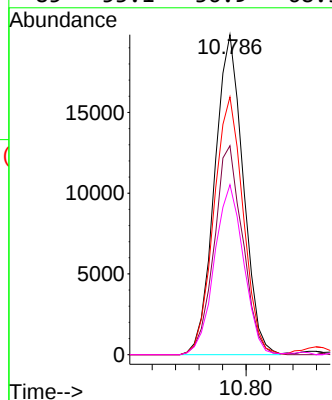
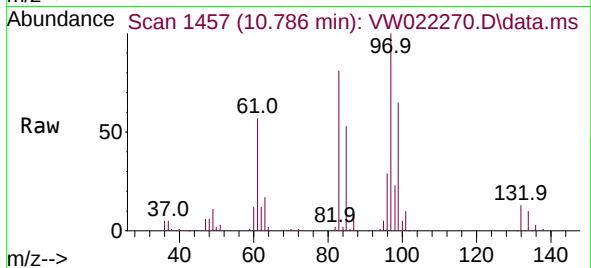
Ion Ratio Lower Upper

97 100

99 65.3 43.5 80.7

83 80.6 53.5 99.3

85 53.1 36.9 68.5



#46

Tetrachloroethene

Concen: 18.547 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Tgt Ion:164 Resp: 36187

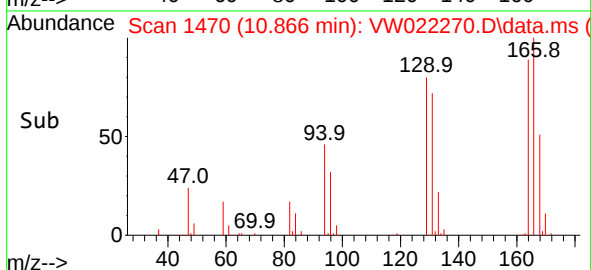
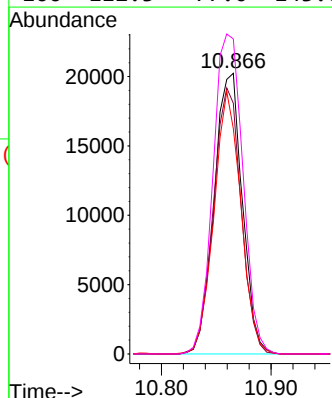
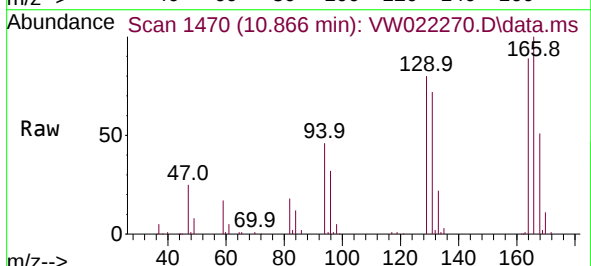
Ion Ratio Lower Upper

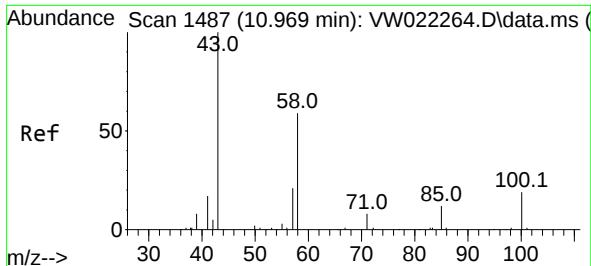
164 100

129 89.3 60.3 111.9

131 80.3 59.9 111.3

166 112.3 77.0 143.0

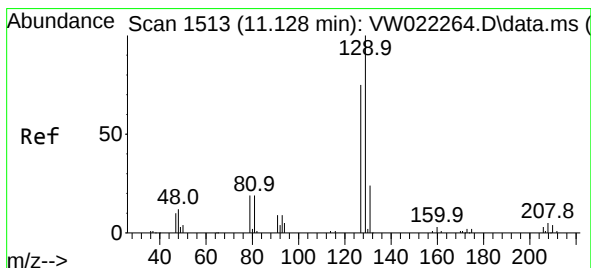
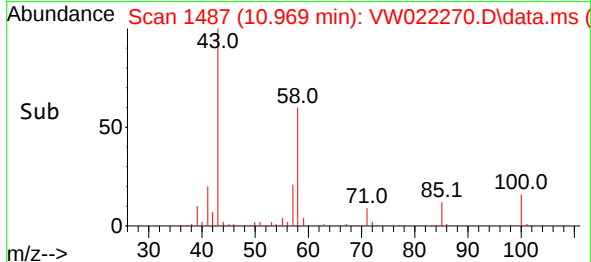
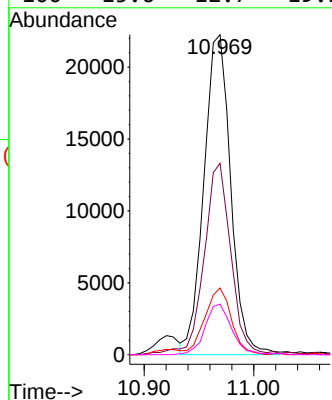
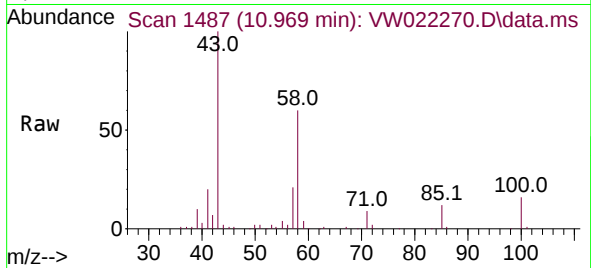




#48
2-Hexanone
Concen: 55.764 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

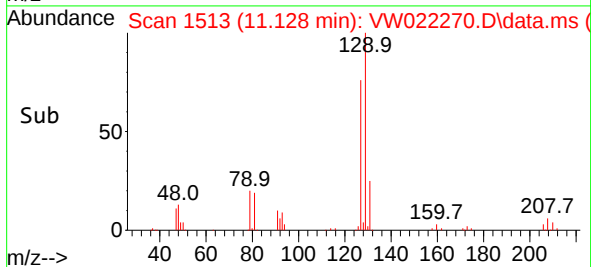
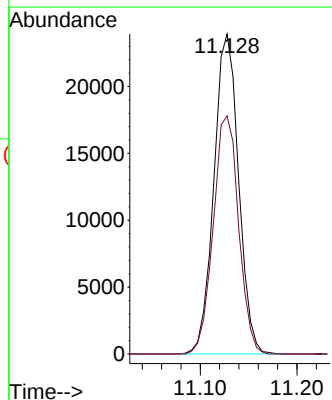
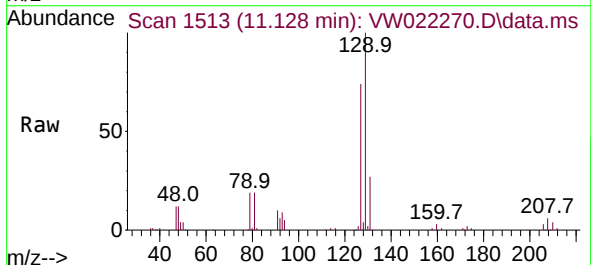
Instrument :
MSVOA_W
ClientSampleId :

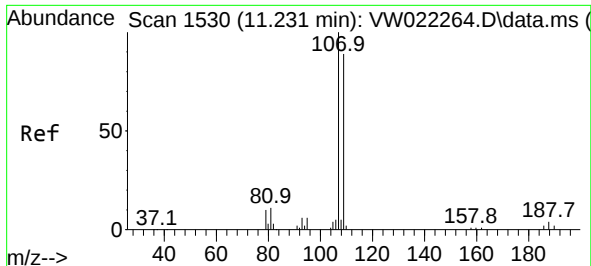
Tgt Ion: 43	Resp: 37931
Ion Ratio	Lower Upper
43 100	
58 58.0	44.6 66.8
57 20.7	15.8 23.8
100 15.6	12.7 19.1



#49
Dibromochloromethane
Concen: 21.668 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Tgt Ion:129	Resp: 42355		
Ion Ratio	Lower	Upper	
129 100			
127 74.4	54.5	101.1	





#50

1,2-Dibromoethane

Concen: 20.794 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

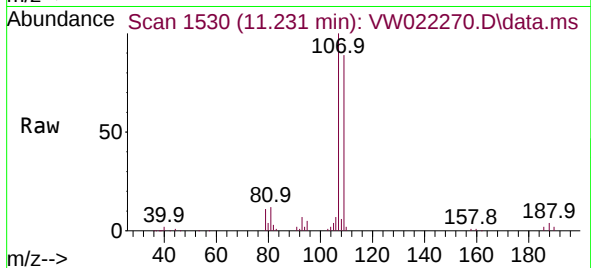
Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :



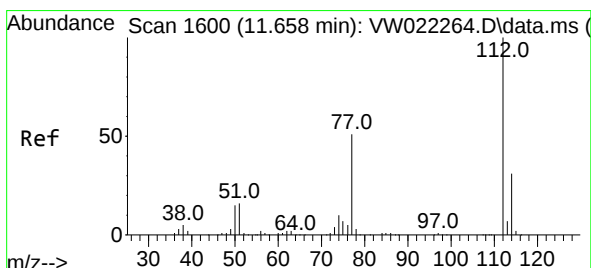
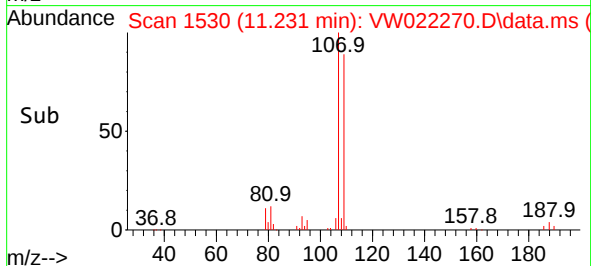
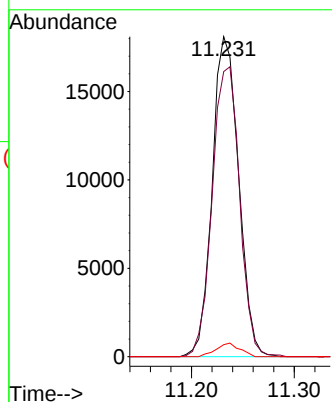
Tgt Ion:107 Resp: 32276

Ion Ratio Lower Upper

107 100

109 89.1 66.8 124.2

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 20.314 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

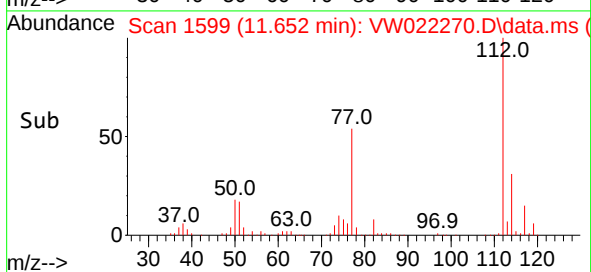
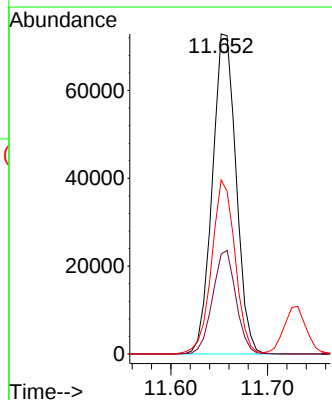
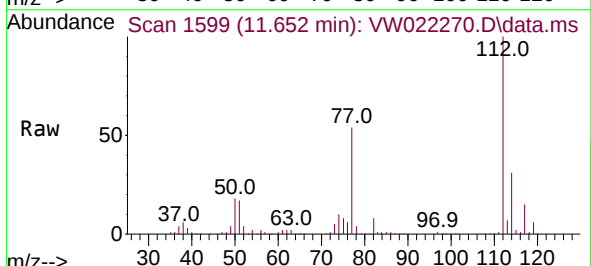
Tgt Ion:112 Resp: 124471

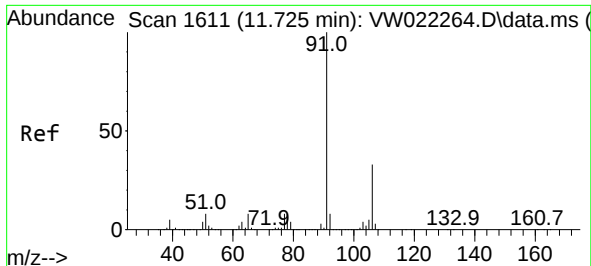
Ion Ratio Lower Upper

112 100

114 31.2 23.0 42.8

77 54.4 41.8 62.6





#52

Ethylbenzene

Concen: 20.290 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

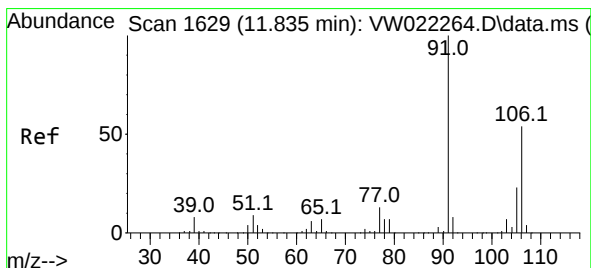
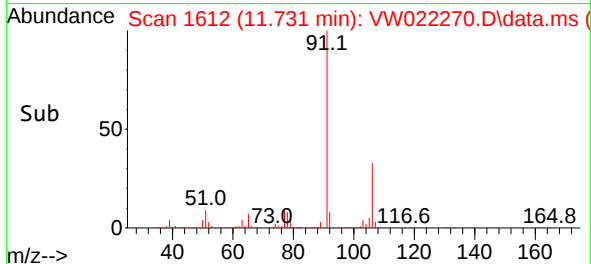
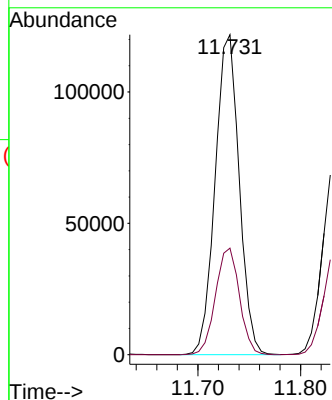
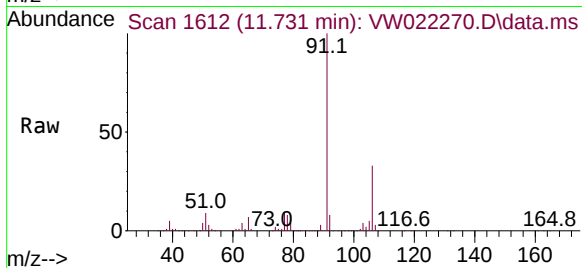
ClientSampleId :

Tgt Ion: 91 Resp: 197700

Ion Ratio Lower Upper

91 100

106 33.3 22.8 42.4



#53

m,p-Xylene

Concen: 20.121 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW022270.D

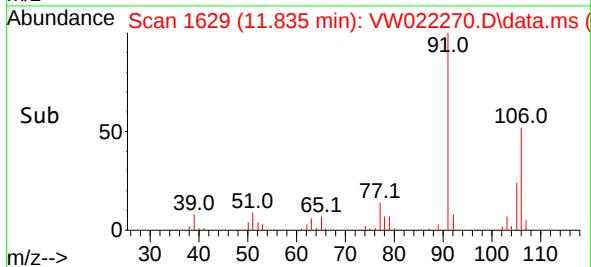
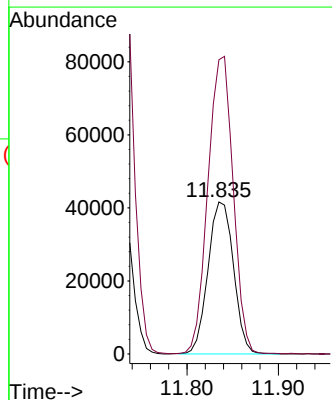
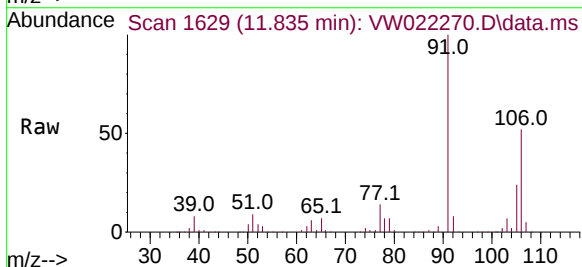
Acq: 10 Mar 2022 13:52

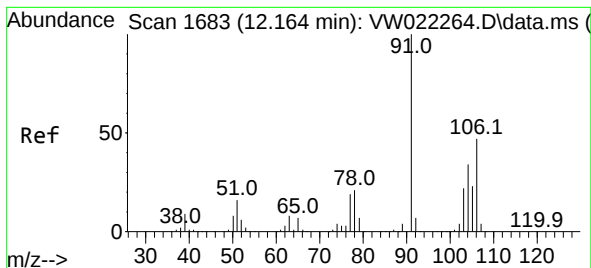
Tgt Ion:106 Resp: 80675

Ion Ratio Lower Upper

106 100

91 193.6 135.0 250.8





#54

o-Xylene

Concen: 21.186 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

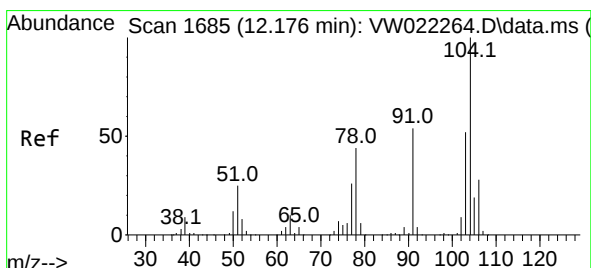
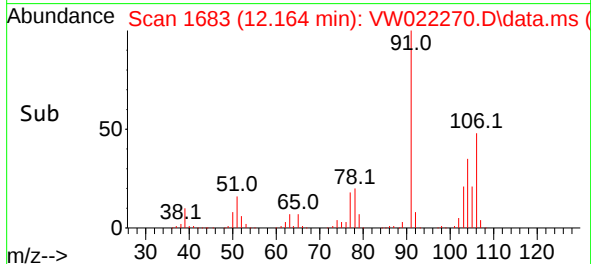
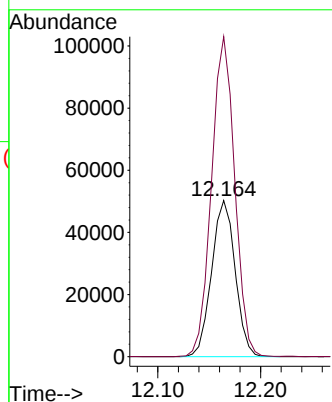
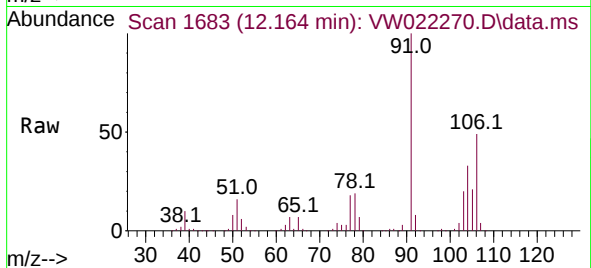
ClientSampleId :

Tgt Ion:106 Resp: 79926

Ion Ratio Lower Upper

106 100

91 205.0 136.9 254.3



#55

Styrene

Concen: 21.363 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022270.D

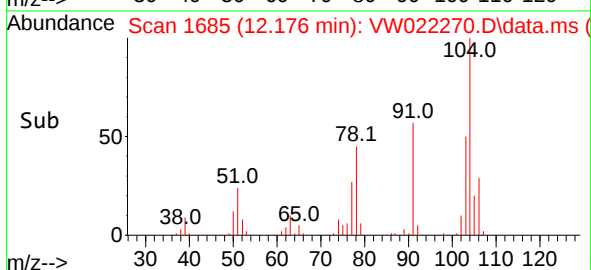
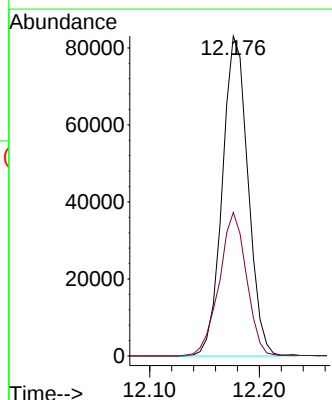
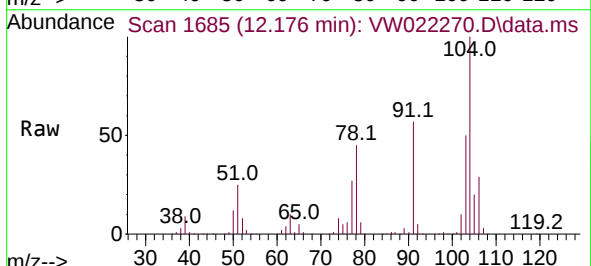
Acq: 10 Mar 2022 13:52

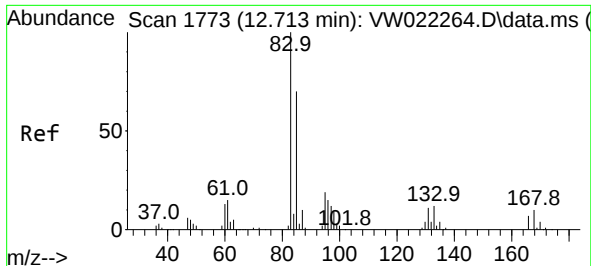
Tgt Ion:104 Resp: 135106

Ion Ratio Lower Upper

104 100

78 44.8 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.580 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022270.D

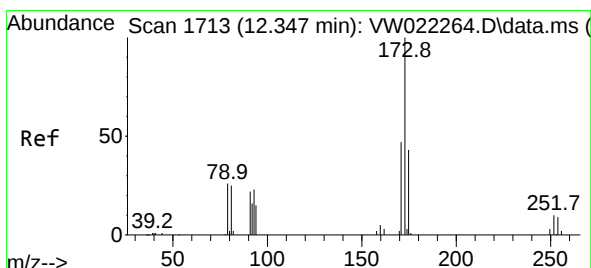
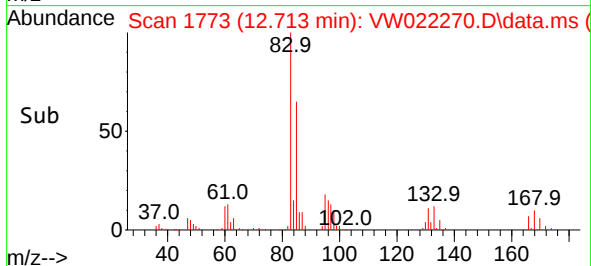
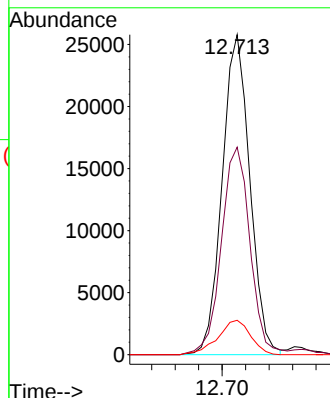
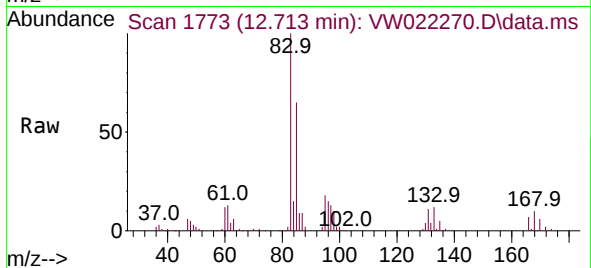
Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	42161
Ion Ratio	Lower	Upper	
83	100		
85	64.9	44.2	82.0
131	10.7	9.4	14.0



#59

Bromoform

Concen: 20.324 ug/L

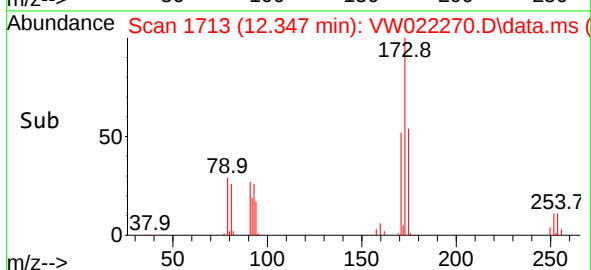
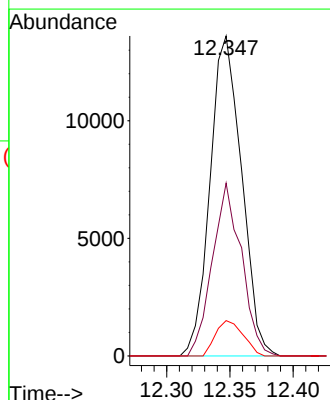
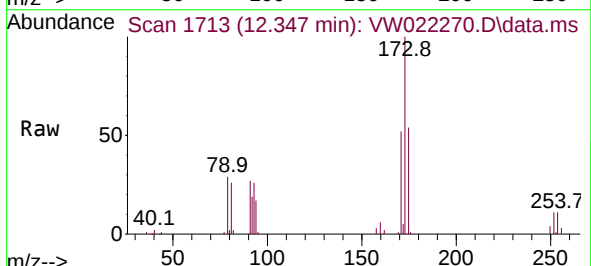
RT: 12.347 min Scan# 1713

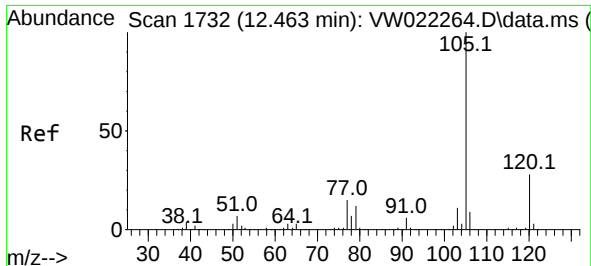
Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Tgt Ion:	173	Resp:	23568
Ion Ratio	Lower	Upper	
173	100		
175	49.9	38.2	57.4
254	9.7	5.0	7.6#

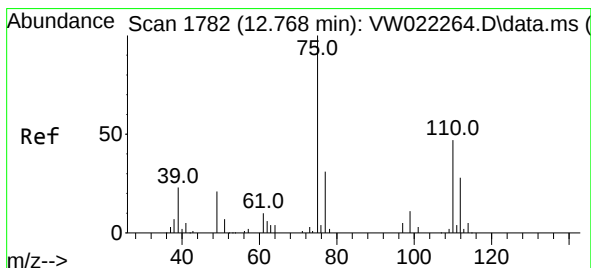
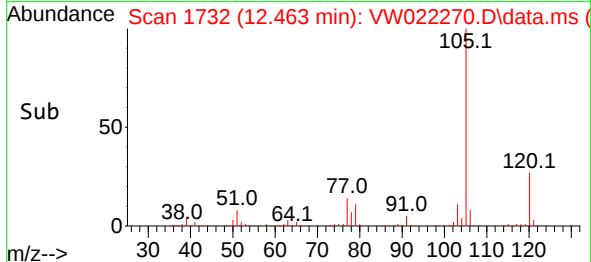
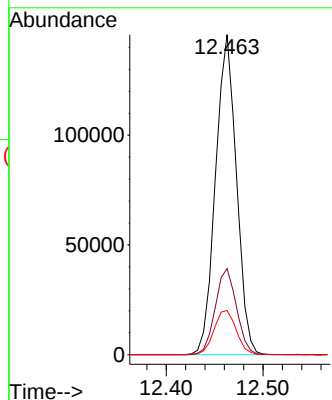
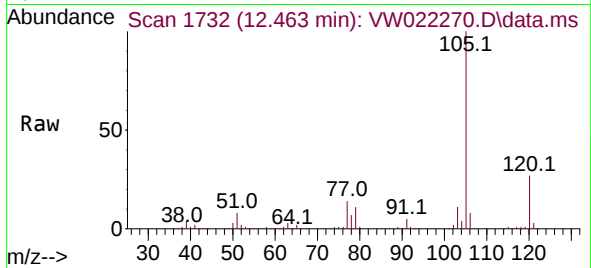




#60
Isopropylbenzene
Concen: 20.796 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

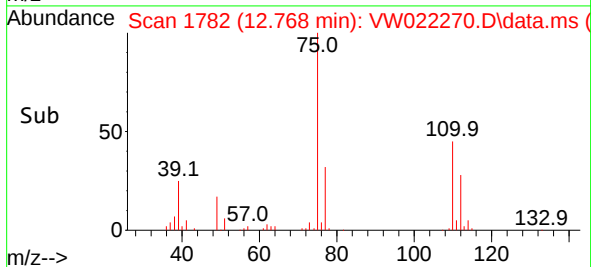
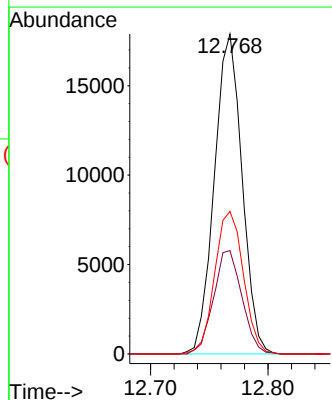
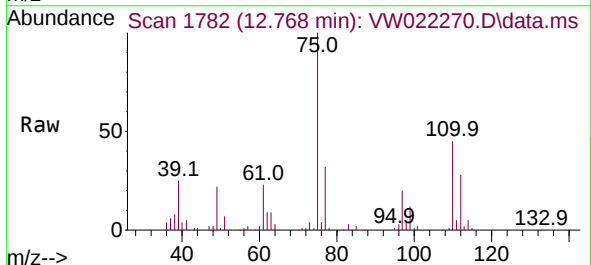
Instrument :
MSVOA_W
ClientSampleId :

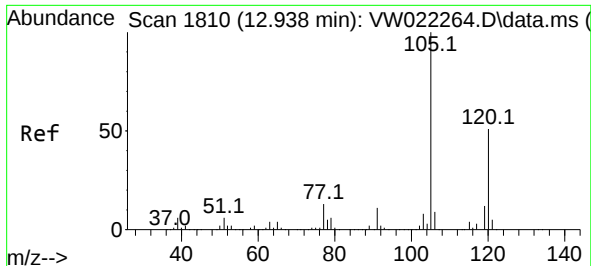
Tgt Ion:105 Resp: 218912
Ion Ratio Lower Upper
105 100
120 27.3 22.1 33.1
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 21.217 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Tgt Ion: 75 Resp: 29365
Ion Ratio Lower Upper
75 100
77 33.2 27.1 40.7
110 46.0 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 20.982 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

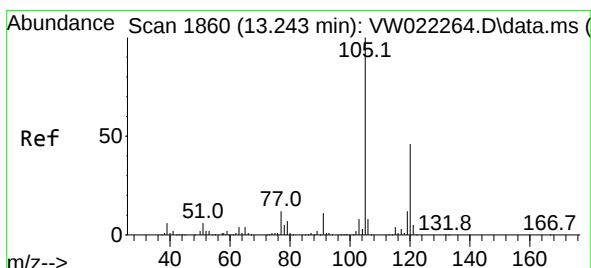
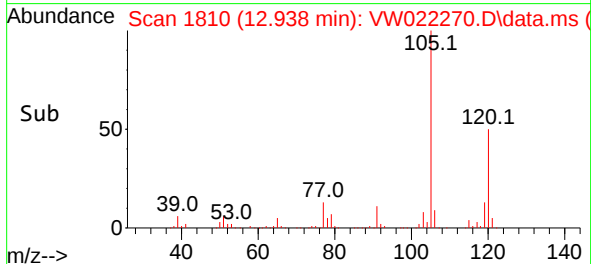
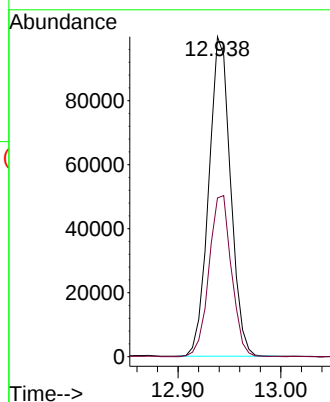
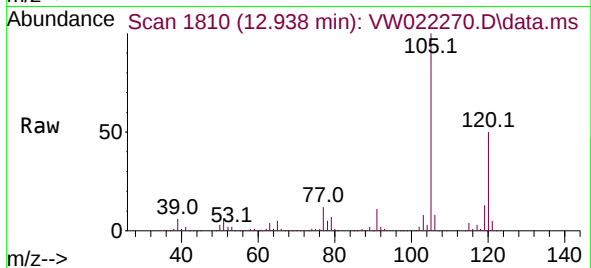
ClientSampleId :

Tgt Ion:105 Resp: 146869

Ion Ratio Lower Upper

105 100

120 51.9 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 21.645 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VW022270.D

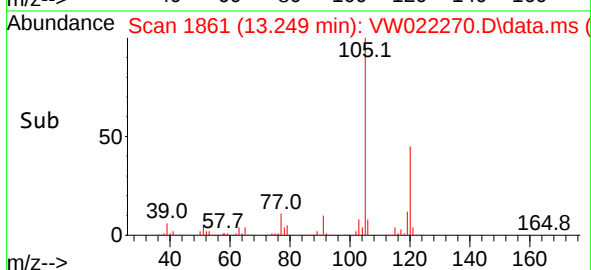
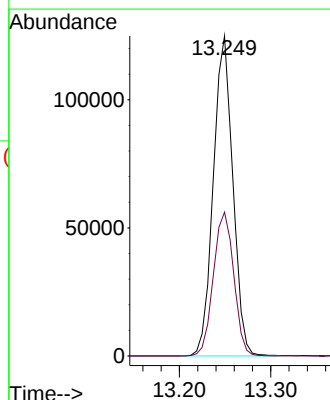
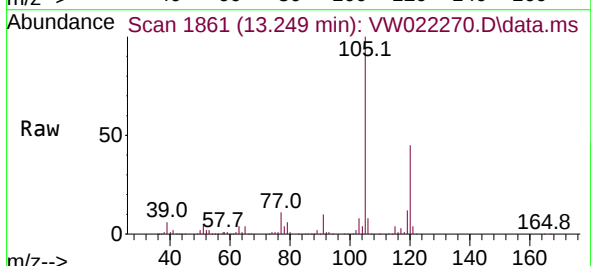
Acq: 10 Mar 2022 13:52

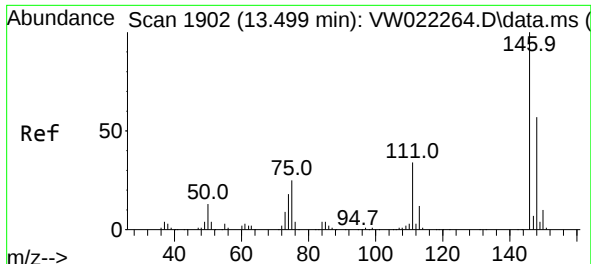
Tgt Ion:105 Resp: 185158

Ion Ratio Lower Upper

105 100

120 46.9 39.2 58.8

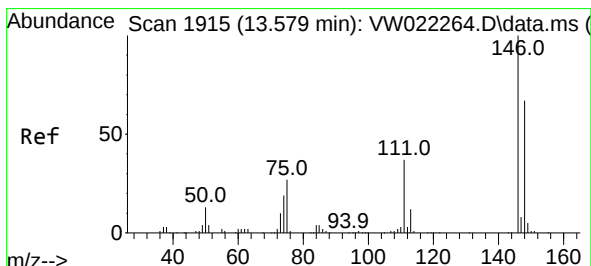
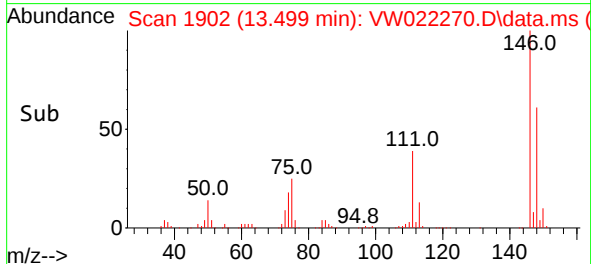
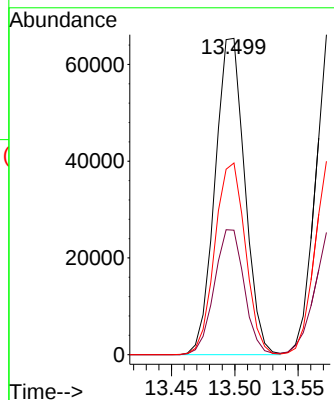
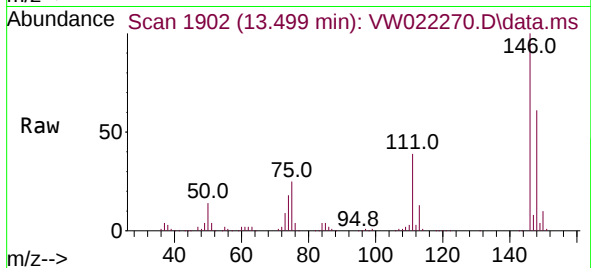




#64
1,3-Dichlorobenzene
Concen: 20.474 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

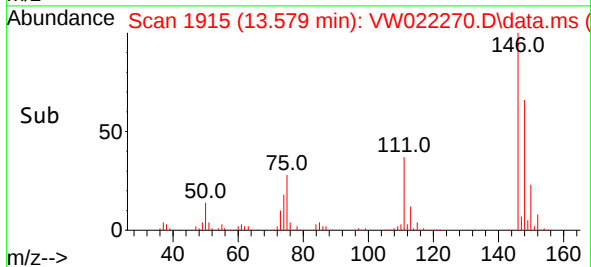
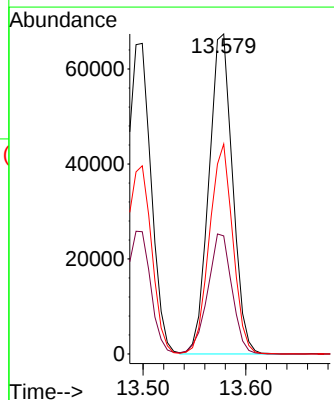
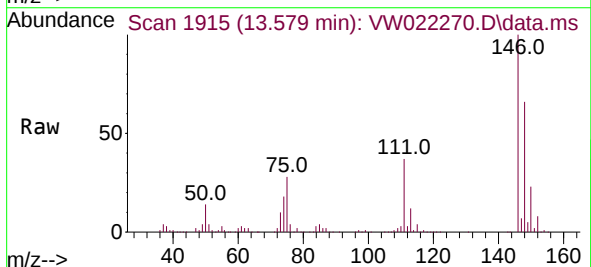
Instrument :
MSVOA_W
ClientSampleId :

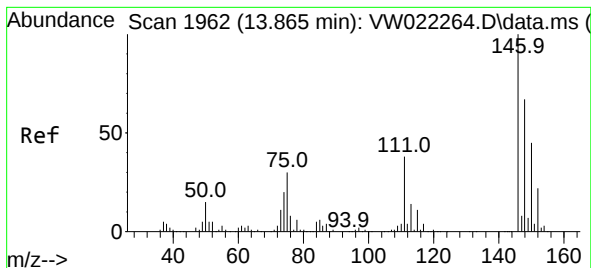
Tgt Ion:146 Resp: 106910
Ion Ratio Lower Upper
146 100
111 39.3 26.9 49.9
148 60.6 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 20.633 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Tgt Ion:146 Resp: 107968
Ion Ratio Lower Upper
146 100
111 36.9 27.5 51.1
148 65.6 42.9 79.7

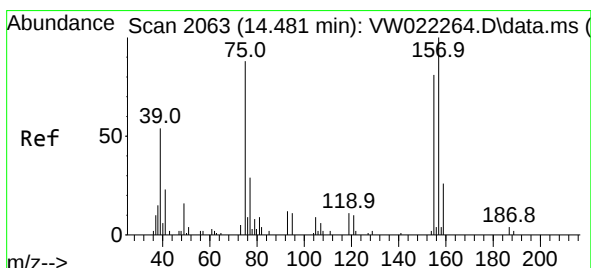
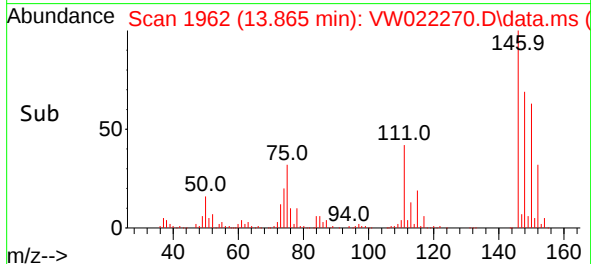
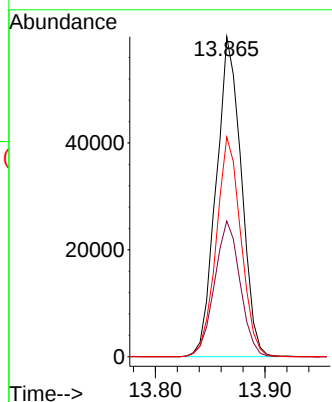
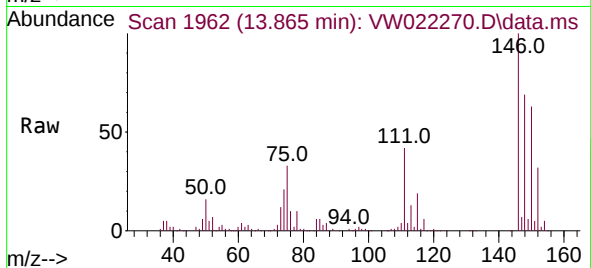




#67
1,2-Dichlorobenzene
Concen: 20.552 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

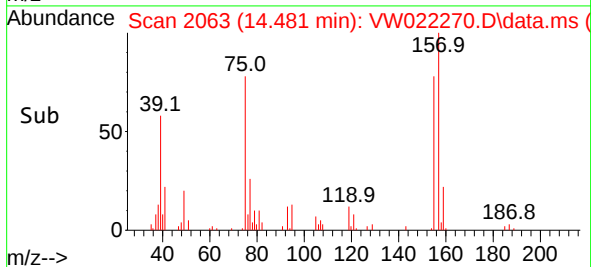
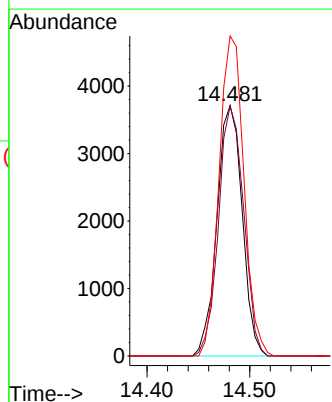
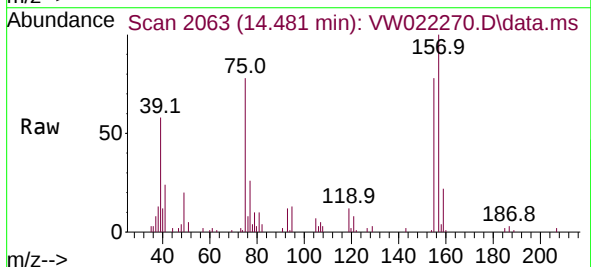
Instrument :
MSVOA_W
ClientSampleId :

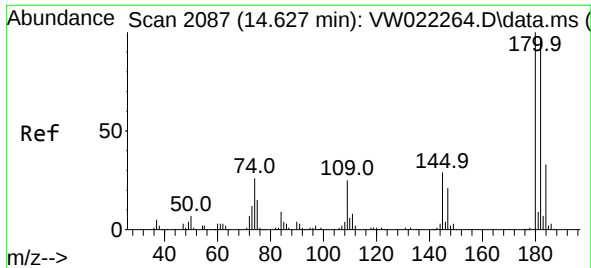
Tgt Ion:146 Resp: 95417
Ion Ratio Lower Upper
146 100
111 42.4 34.8 52.2
148 68.7 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 21.574 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

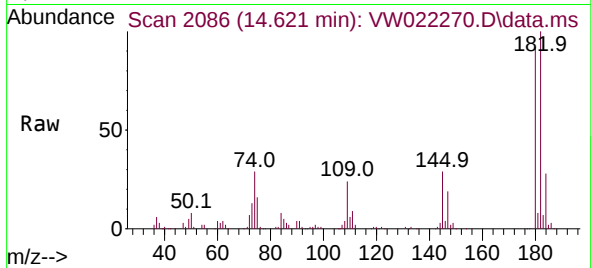
Tgt Ion: 75 Resp: 6312
Ion Ratio Lower Upper
75 100
155 99.8 58.2 87.2#
157 127.8 80.5 120.7#



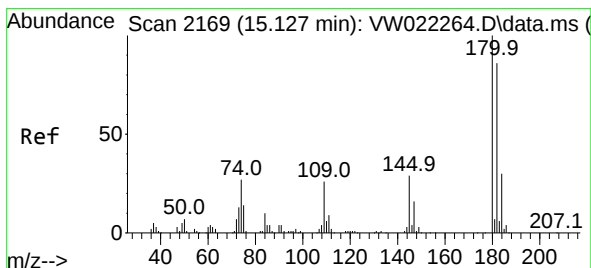
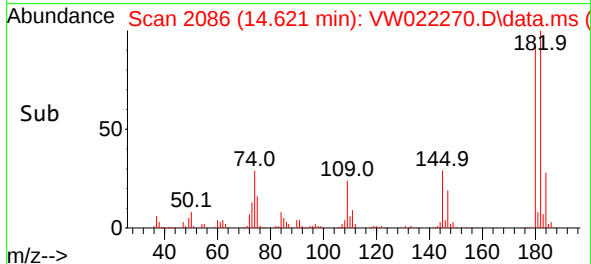
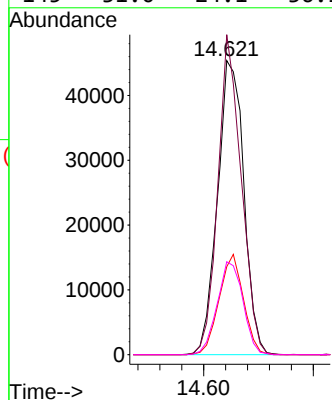


#69
1,3,5-Trichlorobenzene
Concen: 20.183 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Instrument :
MSVOA_W
ClientSampleId :

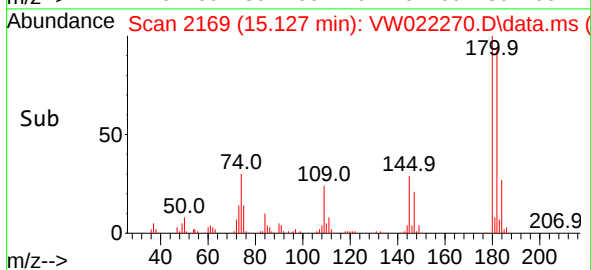
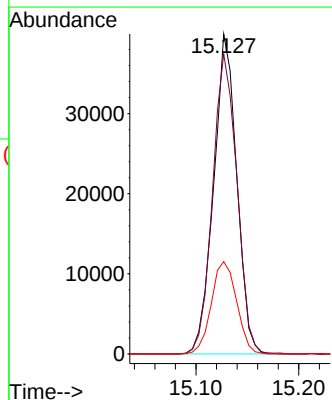
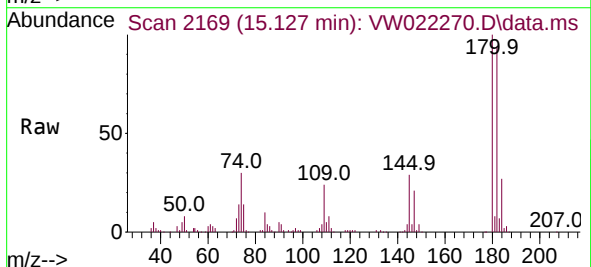


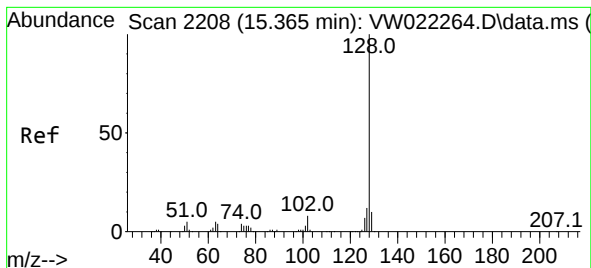
Tgt Ion:180 Resp: 75648
Ion Ratio Lower Upper
180 100
182 96.7 69.4 104.0
184 31.6 21.8 32.8
145 31.0 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 21.991 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022270.D
Acq: 10 Mar 2022 13:52

Tgt Ion:180 Resp: 62363
Ion Ratio Lower Upper
180 100
182 98.5 77.8 116.6
145 31.5 25.8 38.6





#71

Naphthalene

Concen: 23.632 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Instrument :

MSVOA_W

ClientSampleId :

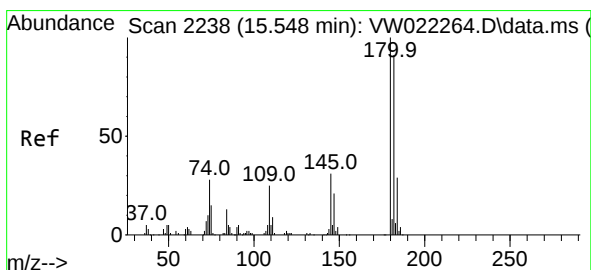
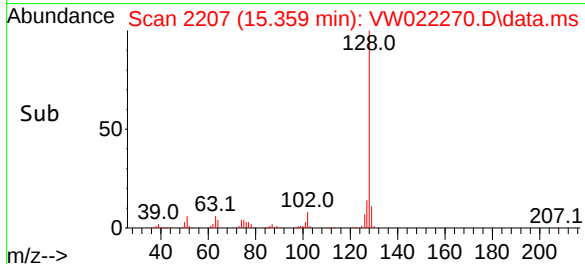
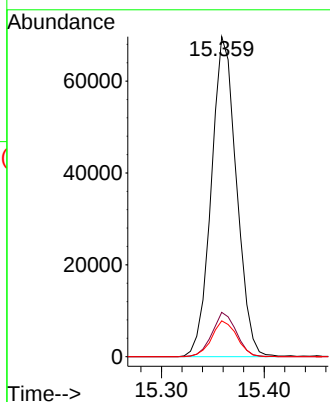
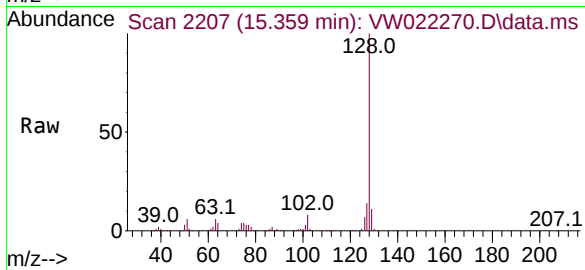
Tgt Ion:128 Resp: 118308

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.6

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 22.245 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022270.D

Acq: 10 Mar 2022 13:52

Tgt Ion:180 Resp: 54565

Ion Ratio Lower Upper

180 100

182 97.4 79.0 118.4

145 34.7 28.0 42.0

