

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072922\
 Data File : VW024133.D
 Acq On : 29 Jul 2022 17:06
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 00:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 30 00:12:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	239156	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	245243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	156589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	118342	23.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.360%
7) Chloroethane-d5	2.831	69	92627	26.742	ug/L	-0.04
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.960%
11) 1,1-Dichloroethene-d2	4.007	63	115555	25.600	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.400%
21) 2-Butanone-d5	7.074	46	45290	49.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.420%
24) Chloroform-d	7.641	84	165913	25.234	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.305	65	94576	25.037	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.160%
32) Benzene-d6	8.269	84	303651	26.654	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	9.268	67	91262	25.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.600%
41) Toluene-d8	10.323	98	303509	26.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.560%
43) trans-1,3-Dichloroprop...	10.573	79	40889	25.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.640%
47) 2-Hexanone-d5	10.921	63	40097	53.376	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.760%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	106413	25.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	125508	24.749	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.995	85	43148	24.429	ug/L	96
3) Chloromethane	2.209	50	98872	21.561	ug/L	99
5) Vinyl chloride	2.349	62	160485	22.454	ug/L	95
8) Chloroethane	2.873	64	83587	26.585	ug/L	96
9) Trichlorofluoromethane	3.227	101	82998	24.945	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	82343	26.722	ug/L #	73
12) 1,1-Dichloroethene	4.025	96	65492	25.929	ug/L	79
13) Acetone	4.123	43	30793	47.630	ug/L	97
14) Carbon disulfide	4.367	76	180577	23.277	ug/L	96
15) Methyl Acetate	4.666	43	37387	23.973	ug/L	99
16) Methylene chloride	4.903	84	103537	28.444	ug/L	95
17) trans-1,2-Dichloroethene	5.409	96	79669	25.780	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	119830	26.159	ug/L #	89
19) 1,1-Dichloroethane	6.202	63	150382	25.762	ug/L	95
22) 2-Butanone	7.165	43	55897	53.867	ug/L	96
23) Bromochloromethane	7.507	128	44421	25.436	ug/L	94
25) Chloroform	7.671	83	178543	26.434	ug/L	96
27) 1,2-Dichloroethane	8.397	62	120402	25.029	ug/L	99
29) Cyclohexane	7.952	56	121519	26.893	ug/L	98

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 Response via : Initial Calibration

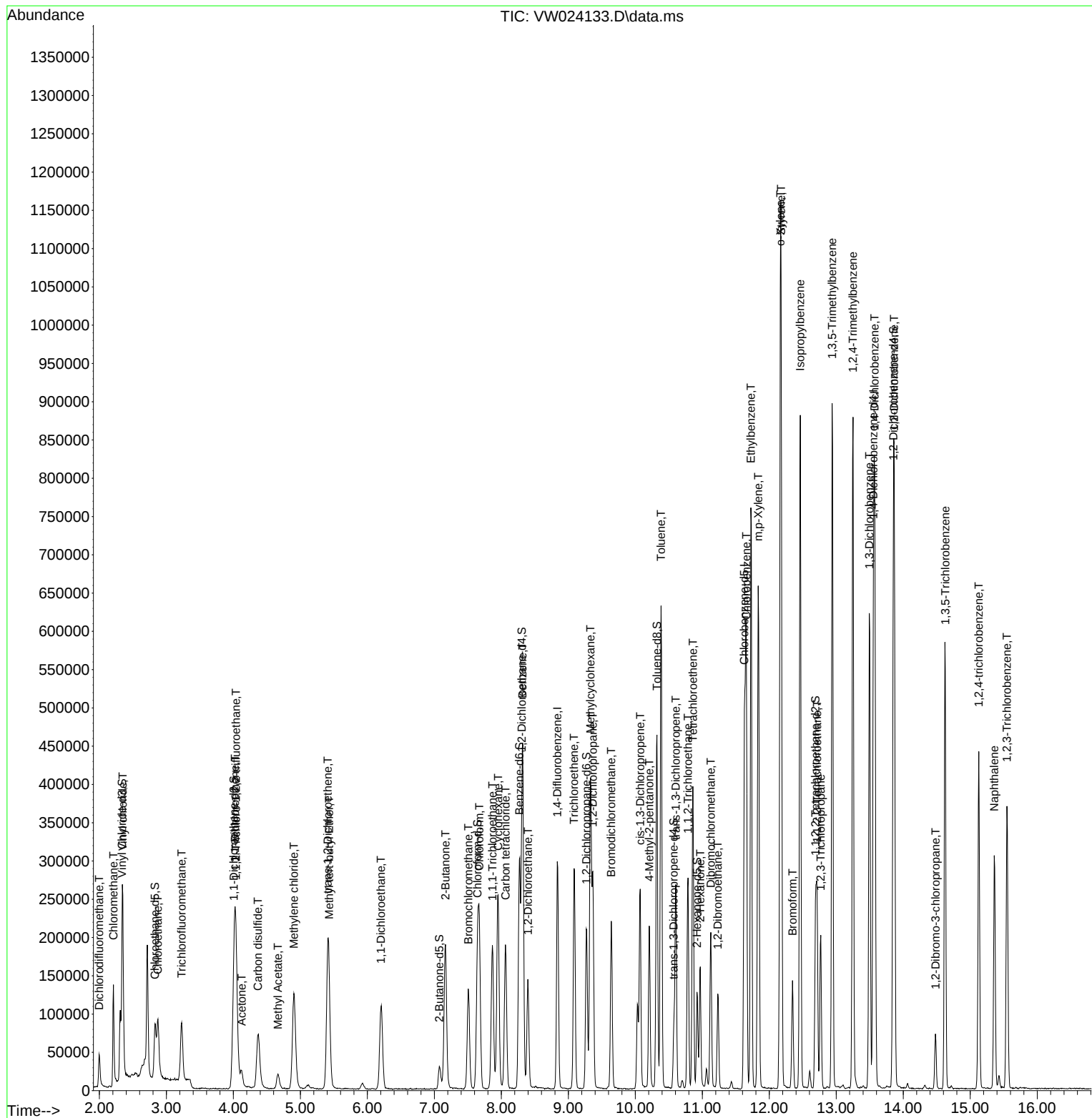
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.866	97	144225	26.310	ug/L	99
31) Carbon tetrachloride	8.061	117	133127	26.345	ug/L	97
33) Benzene	8.317	78	380757	26.875	ug/L	100
34) Trichloroethene	9.085	95	98043	26.133	ug/L	98
35) Methylcyclohexane	9.329	83	155463	27.276	ug/L	97
37) 1,2-Dichloropropane	9.366	63	96921	27.059	ug/L	100
38) Bromodichloromethane	9.640	83	135630	26.559	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	141822	27.177	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	125603	50.395	ug/L	98
42) Toluene	10.384	91	454938	28.389	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	138437	28.013	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	83364	26.642	ug/L	96
46) Tetrachloroethene	10.860	164	80644	27.465	ug/L	97
48) 2-Hexanone	10.969	43	95100	52.652	ug/L	97
49) Dibromochloromethane	11.128	129	101181	27.675	ug/L	100
50) 1,2-Dibromoethane	11.231	107	78384	25.586	ug/L #	93
51) Chlorobenzene	11.658	112	299093	27.732	ug/L	95
52) Ethylbenzene	11.725	91	514302	29.122	ug/L	99
53) m,p-Xylene	11.835	106	203479	29.684	ug/L	100
54) o-Xylene	12.164	106	193632	29.538	ug/L	99
55) Styrene	12.176	104	351663	29.944	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	111000	25.596	ug/L	100
59) Bromoform	12.347	173	56057	23.160	ug/L	99
60) Isopropylbenzene	12.463	105	533236	26.885	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	78405	22.276	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	453591	28.426	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	457557	28.331	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	250778	26.436	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	260315	25.850	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	233190	26.280	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17004	21.621	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	162164	26.807	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	119294	26.026	ug/L	95
71) Naphthalene	15.359	128	251825	25.675	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	116701	27.066	ug/L	94

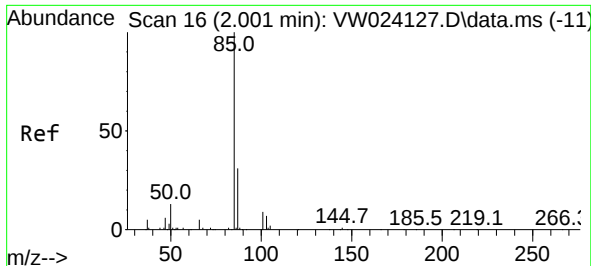
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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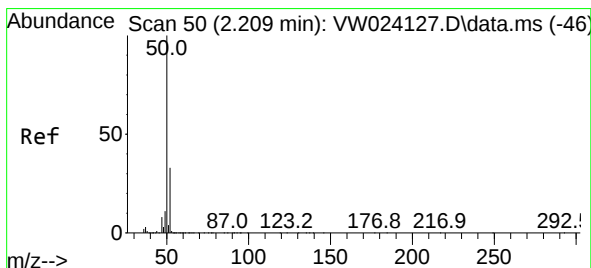
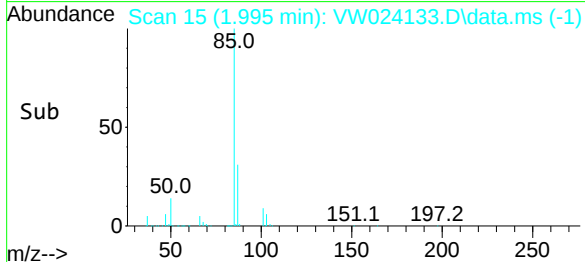
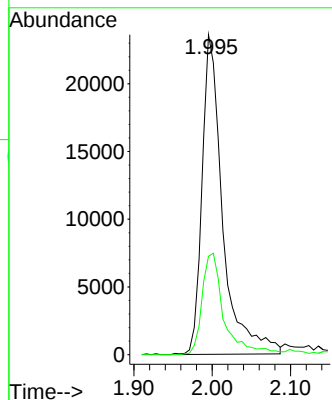
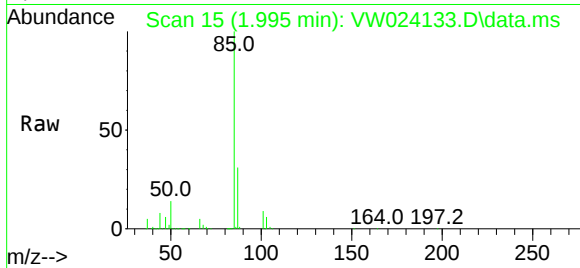




#2
 Dichlorodifluoromethane
 Concen: 24.429 ug/L
 RT: 1.995 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW024133.D
 Acq: 29 Jul 2022 17:06

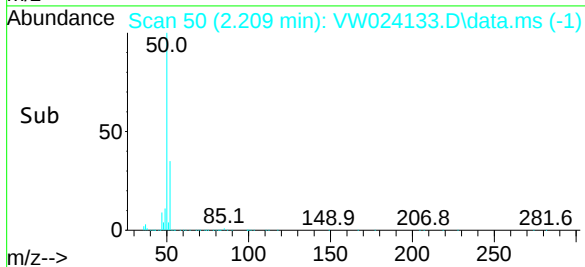
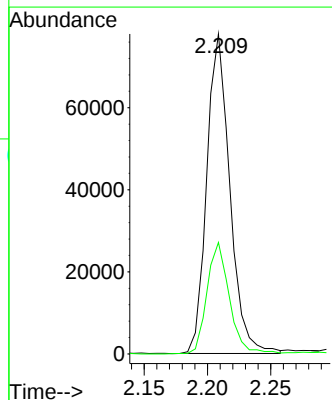
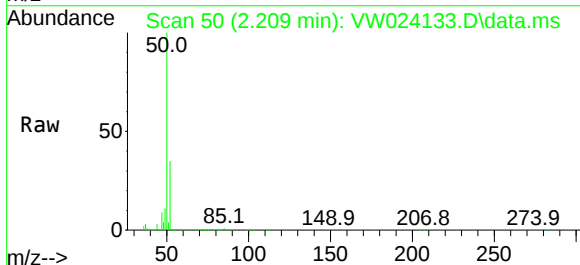
Instrument :
 MSVOA_W
 ClientSampleId :

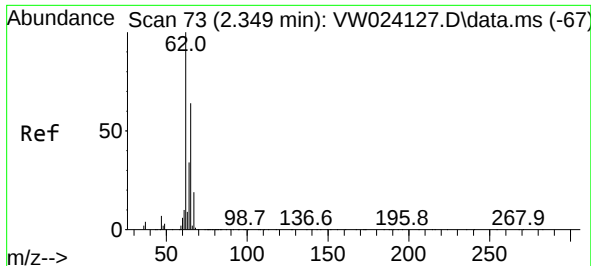
Tgt Ion: 85 Resp: 43148
 Ion Ratio Lower Upper
 85 100
 87 32.3 24.2 36.2



#3
 Chloromethane
 Concen: 21.561 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024133.D
 Acq: 29 Jul 2022 17:06

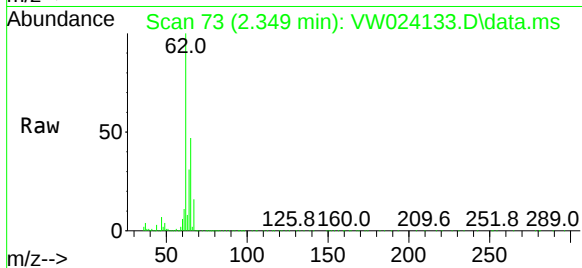
Tgt Ion: 50 Resp: 98872
 Ion Ratio Lower Upper
 50 100
 52 34.9 23.9 44.5



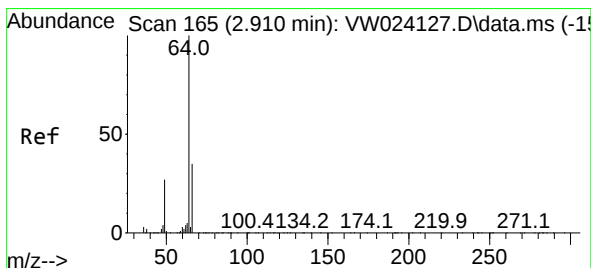
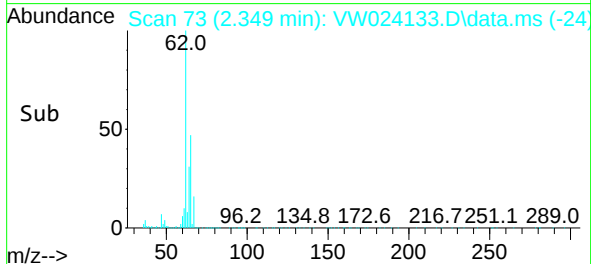
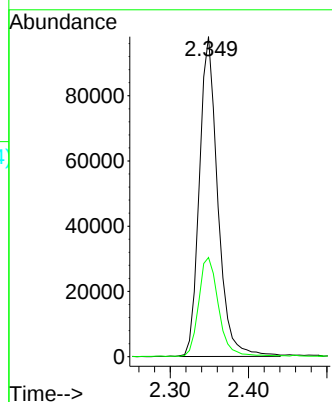


#5
 Vinyl chloride
 Concen: 22.454 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024133.D
 Acq: 29 Jul 2022 17:06

Instrument :
 MSVOA_W
 ClientSampleId :

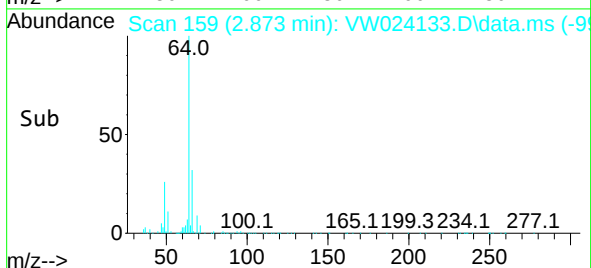
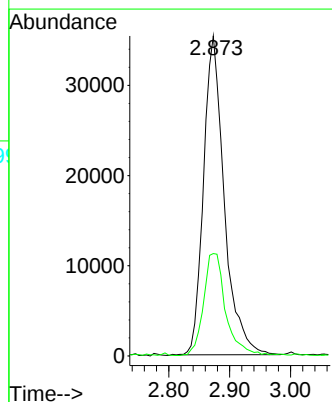
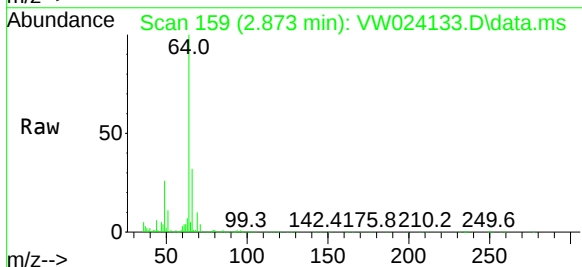


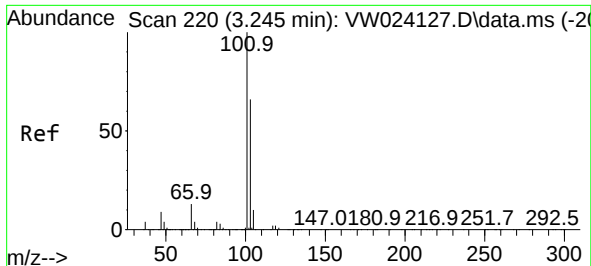
Tgt Ion: 62 Resp: 160485
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.9 44.3



#8
 Chloroethane
 Concen: 26.585 ug/L
 RT: 2.873 min Scan# 159
 Delta R.T. -0.037 min
 Lab File: VW024133.D
 Acq: 29 Jul 2022 17:06

Tgt Ion: 64 Resp: 83587
 Ion Ratio Lower Upper
 64 100
 66 32.0 23.9 44.3

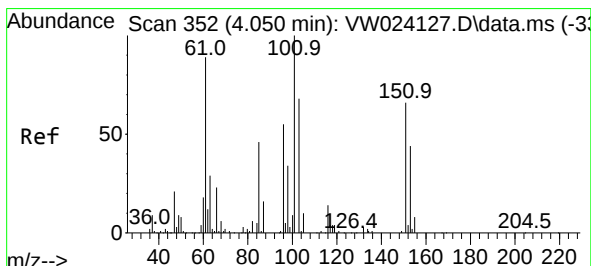
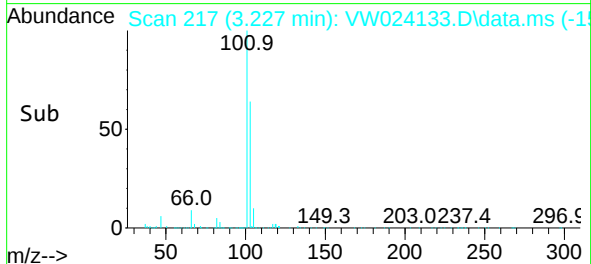
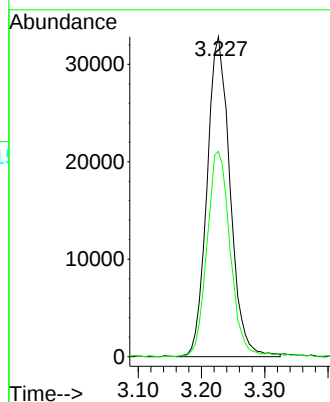
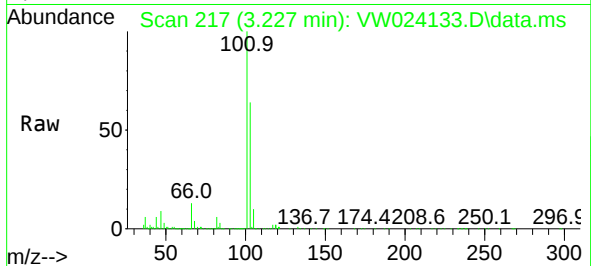




#9
 Trichlorofluoromethane
 Concen: 24.945 ug/L
 RT: 3.227 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VW024133.D
 Acq: 29 Jul 2022 17:06

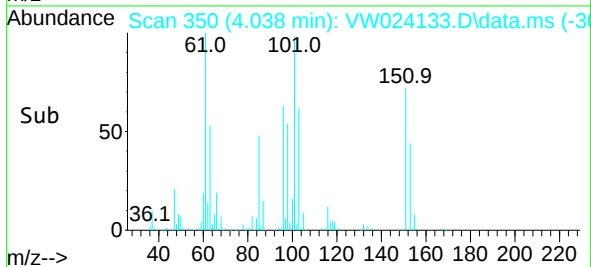
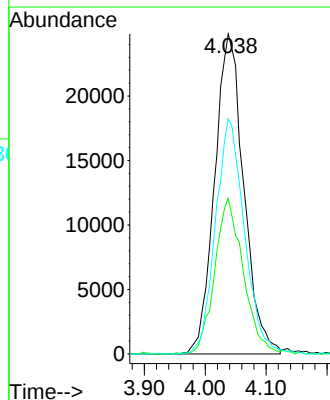
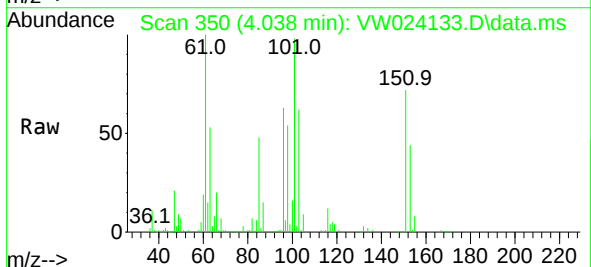
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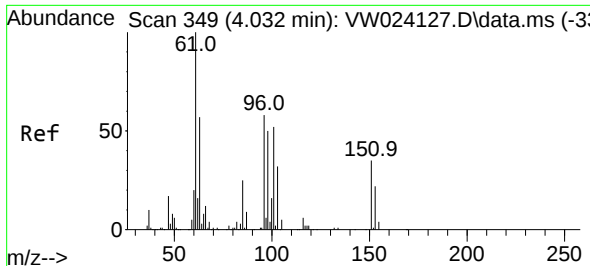
Tgt Ion:101 Resp: 82998
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.4 78.6



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.722 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.012 min
 Lab File: VW024133.D
 Acq: 29 Jul 2022 17:06

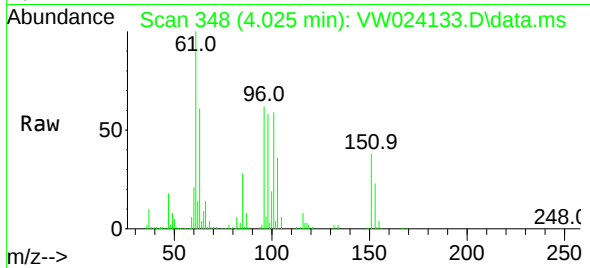
Tgt Ion:101 Resp: 82343
 Ion Ratio Lower Upper
 101 100
 85 47.4 39.8 59.8
 151 73.2 30.5 45.7#



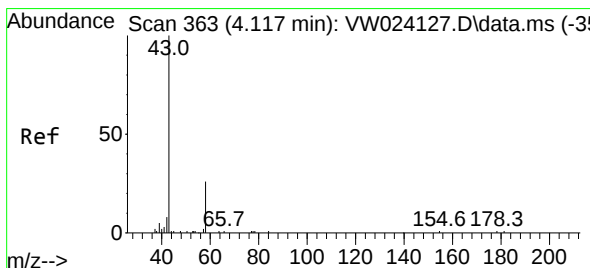
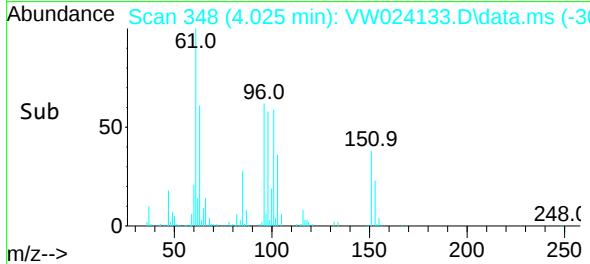
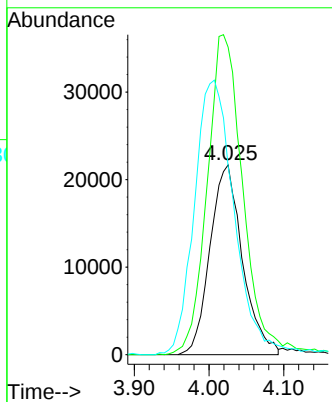


#12
1,1-Dichloroethene
Concen: 25.929 ug/L
RT: 4.025 min Scan# 34
Delta R.T. -0.006 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Instrument :
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ClientSampleId :

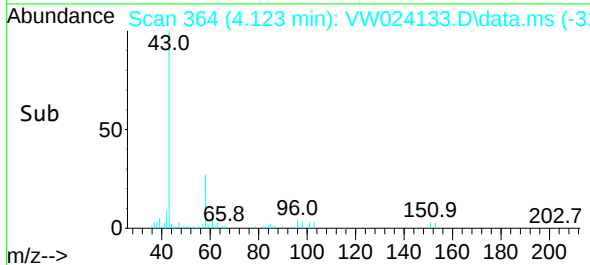
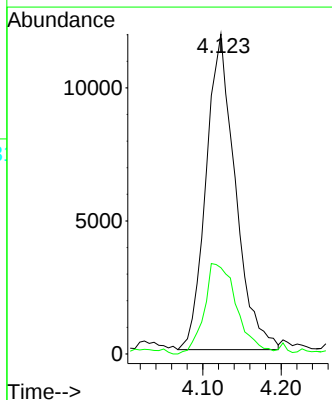
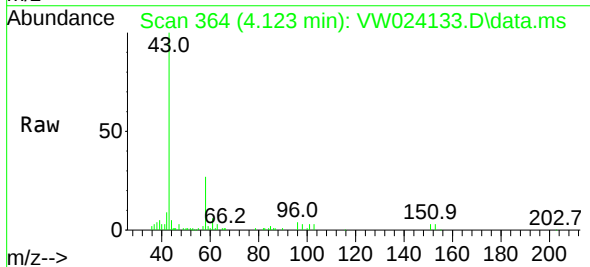


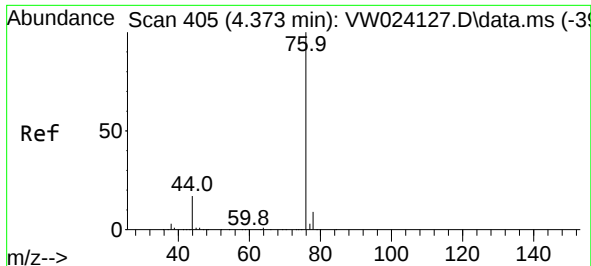
Tgt Ion: 96 Resp: 65492
Ion Ratio Lower Upper
96 100
61 162.1 128.4 238.4
63 99.3 93.1 172.9



#13
Acetone
Concen: 47.630 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion: 43 Resp: 30793
Ion Ratio Lower Upper
43 100
58 31.8 0.0 60.0

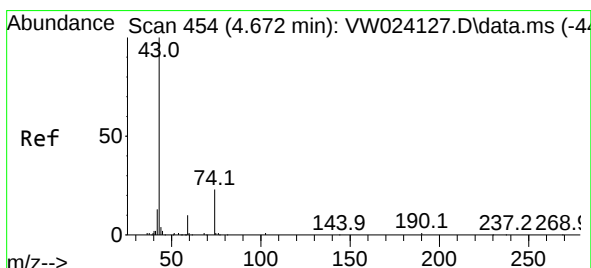
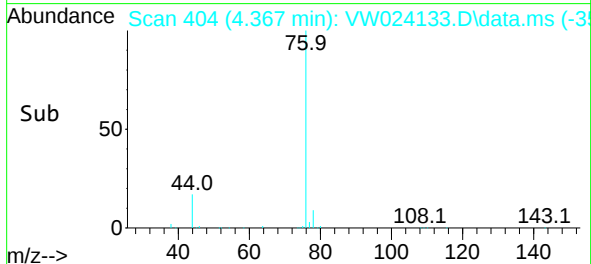
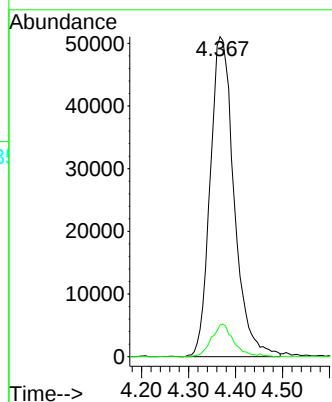
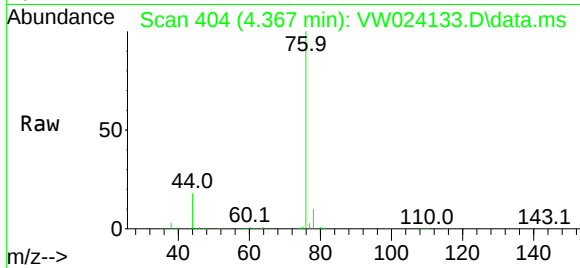




#14
Carbon disulfide
Concen: 23.277 ug/L
RT: 4.367 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

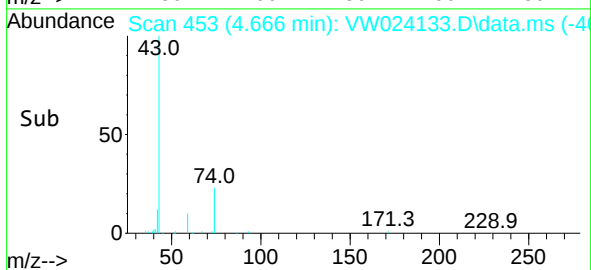
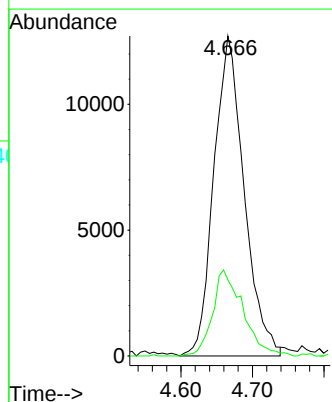
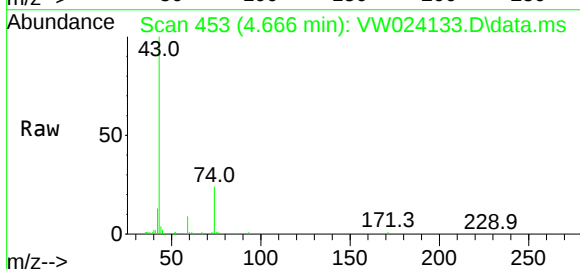
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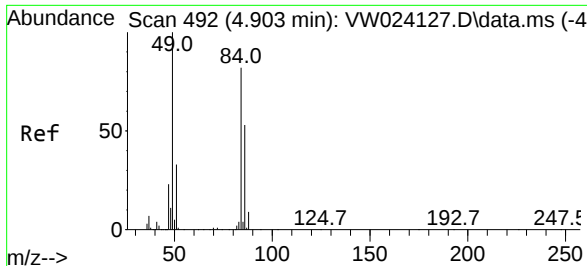
Tgt Ion: 76 Resp: 180577
Ion Ratio Lower Upper
76 100
78 9.9 6.6 10.0



#15
Methyl Acetate
Concen: 23.973 ug/L
RT: 4.666 min Scan# 453
Delta R.T. -0.006 min
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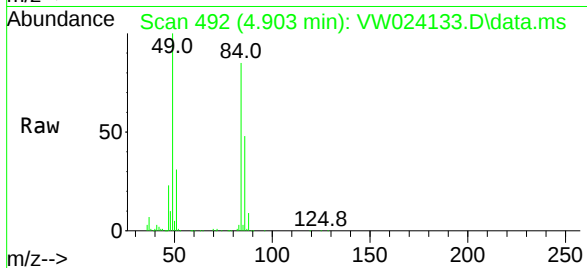
Tgt Ion: 43 Resp: 37387
Ion Ratio Lower Upper
43 100
74 27.0 21.1 31.7



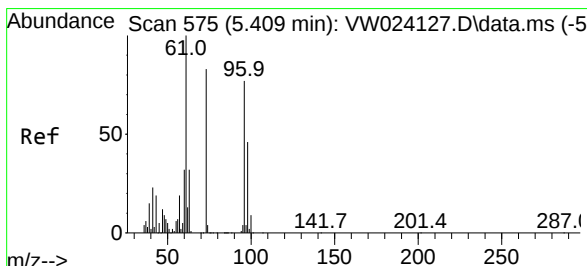
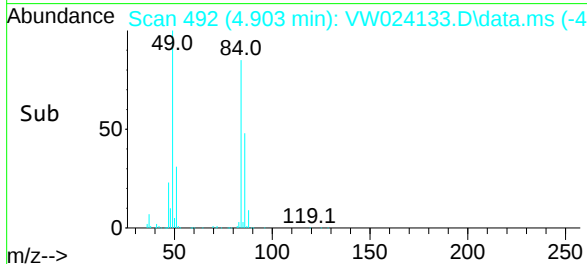
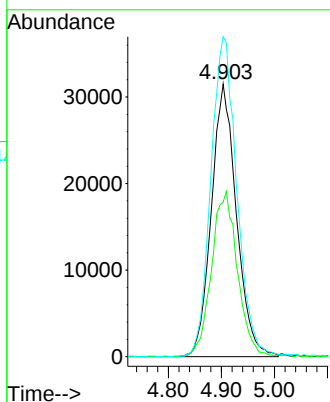


#16
Methylene chloride
Concen: 28.444 ug/L
RT: 4.903 min Scan# 492
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Instrument :
MSVOA_W
ClientSampleId :

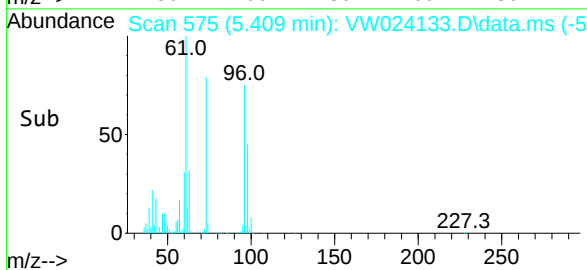
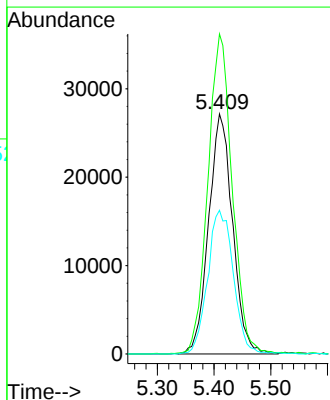
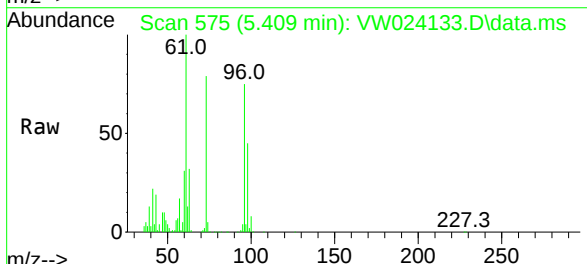


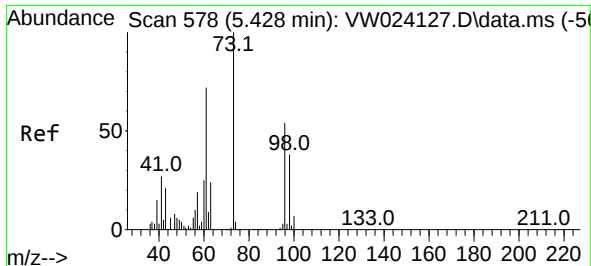
Tgt Ion: 84 Resp: 103537
Ion Ratio Lower Upper
84 100
86 56.6 44.7 83.1
49 117.3 83.7 155.4



#17
trans-1,2-Dichloroethene
Concen: 25.780 ug/L
RT: 5.409 min Scan# 575
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion: 96 Resp: 79669
Ion Ratio Lower Upper
96 100
61 133.3 92.7 172.1
98 59.9 44.1 81.9

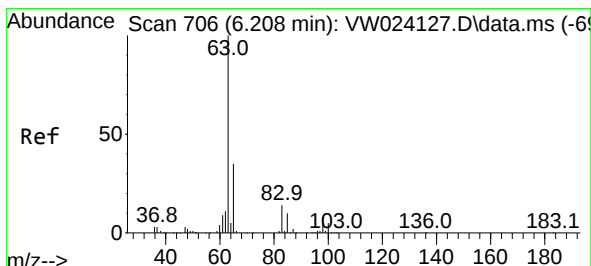
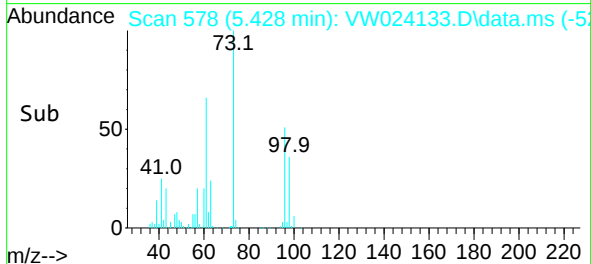
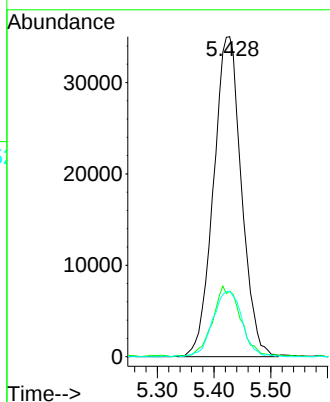
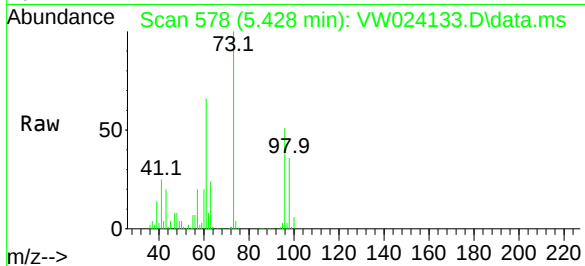




#18
Methyl tert-butyl Ether
Concen: 26.159 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

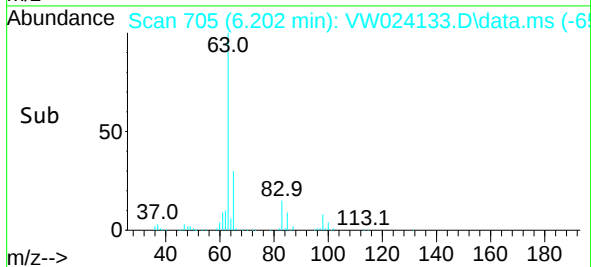
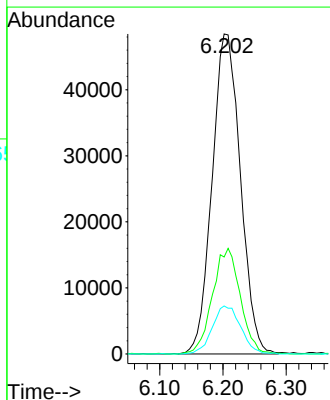
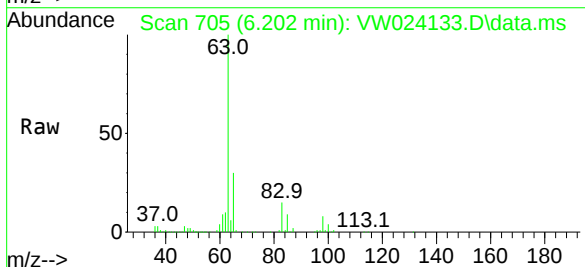
Instrument :
MSVOA_W
ClientSampleId :

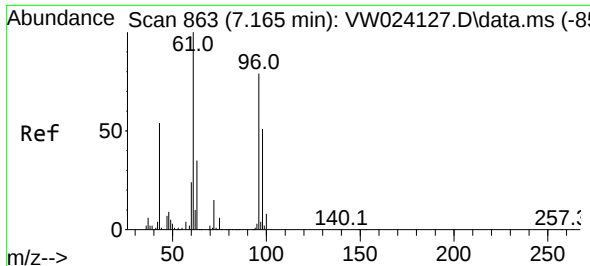
Tgt Ion: 73 Resp: 119830
Ion Ratio Lower Upper
73 100
43 11.4 17.3 25.9#
57 21.2 16.6 25.0



#19
1,1-Dichloroethane
Concen: 25.762 ug/L
RT: 6.202 min Scan# 705
Delta R.T. -0.006 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion: 63 Resp: 150382
Ion Ratio Lower Upper
63 100
65 30.3 23.4 43.4
83 15.0 9.7 17.9

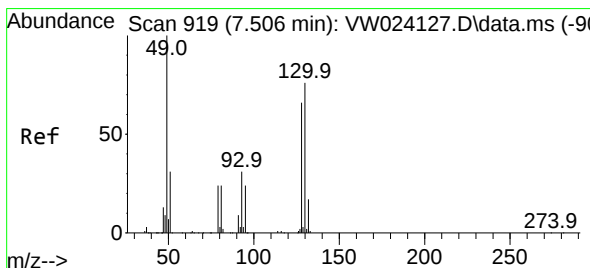
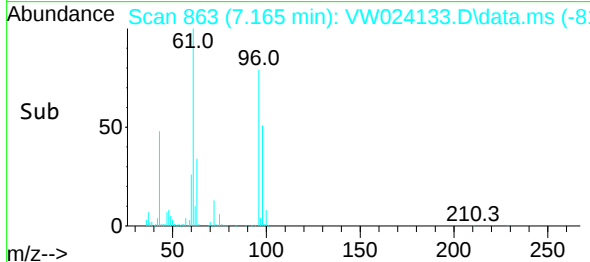
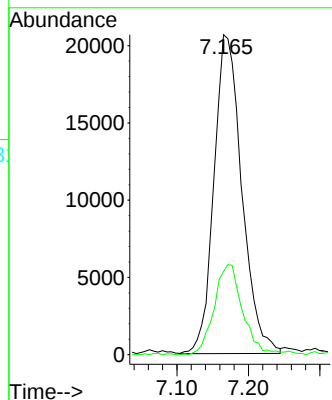
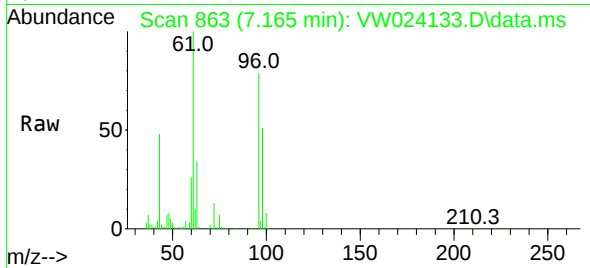




#22
2-Butanone
Concen: 53.867 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

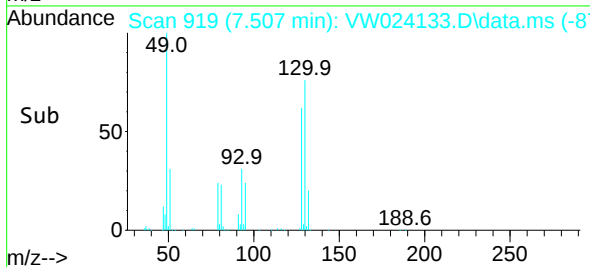
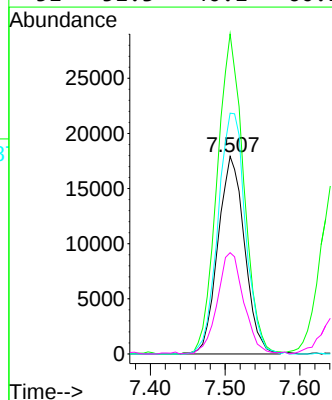
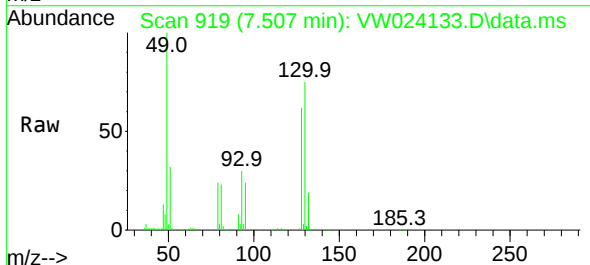
Instrument :
MSVOA_W
ClientSampleId :

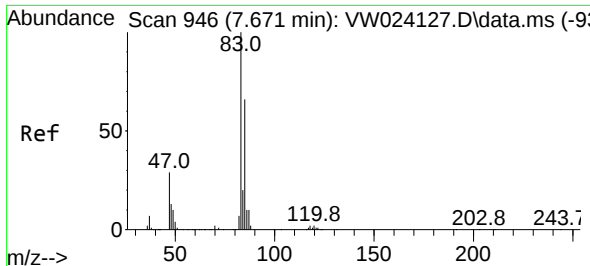
Tgt Ion: 43 Resp: 55897
Ion Ratio Lower Upper
43 100
72 28.1 15.0 45.0



#23
Bromochloromethane
Concen: 25.436 ug/L
RT: 7.507 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion: 128 Resp: 44421
Ion Ratio Lower Upper
128 100
49 162.0 119.8 222.4
130 121.9 90.7 168.5
51 51.3 40.1 60.1

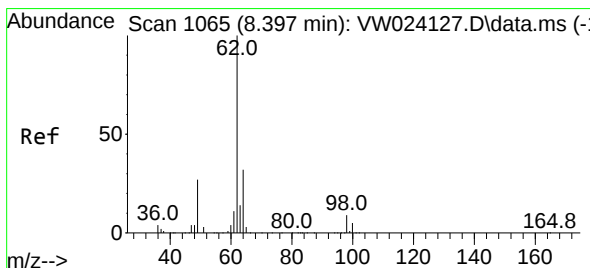
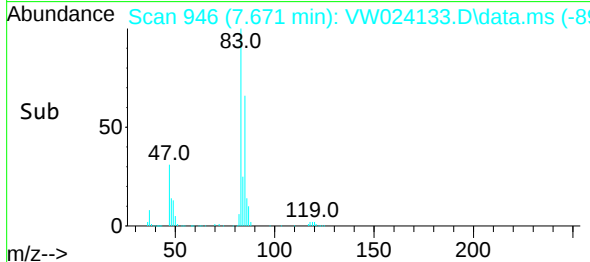
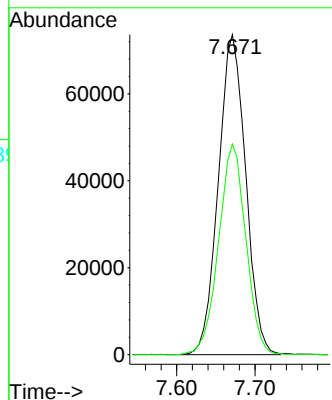
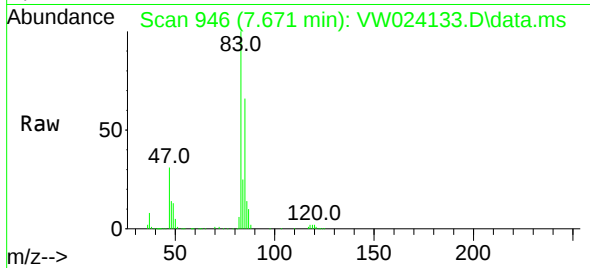




#25
Chloroform
Concen: 26.434 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

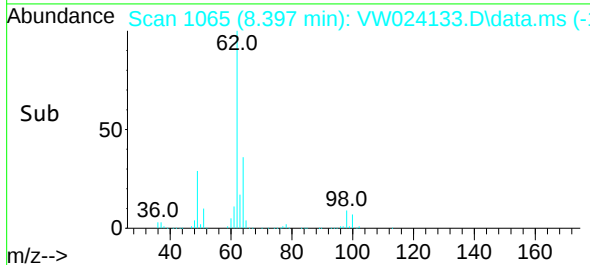
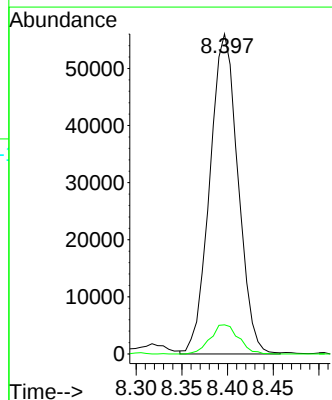
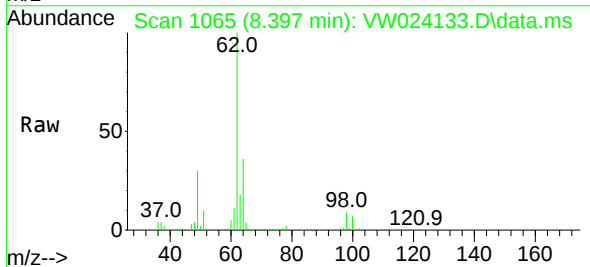
Instrument :
MSVOA_W
ClientSampleId :

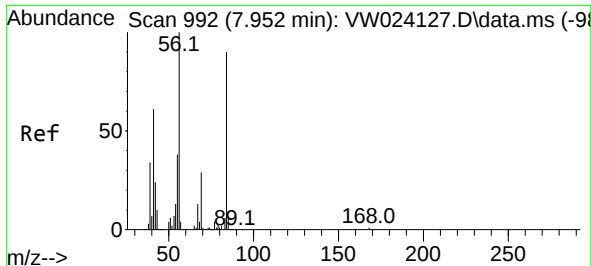
Tgt Ion: 83 Resp: 178543
Ion Ratio Lower Upper
83 100
85 65.8 44.1 81.9



#27
1,2-Dichloroethane
Concen: 25.029 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion: 62 Resp: 120402
Ion Ratio Lower Upper
62 100
98 9.1 7.1 10.7

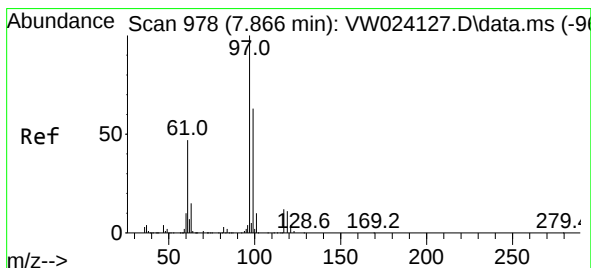
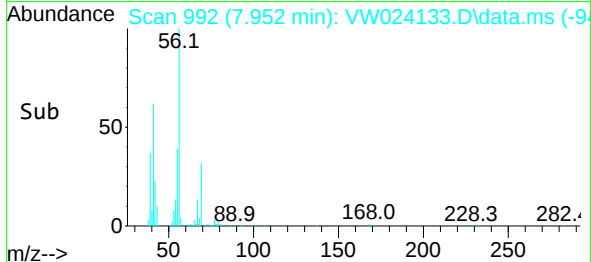
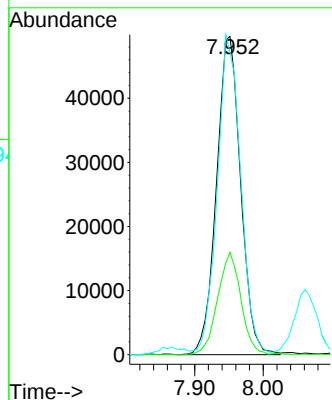
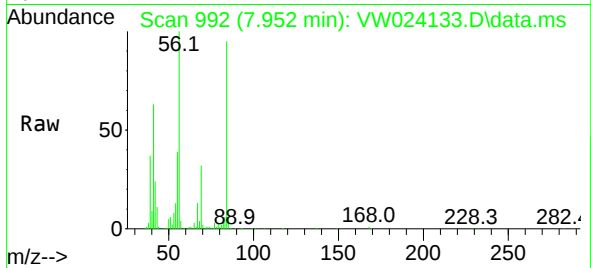




#29
Cyclohexane
Concen: 26.893 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

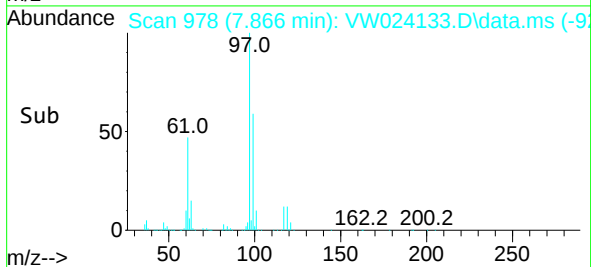
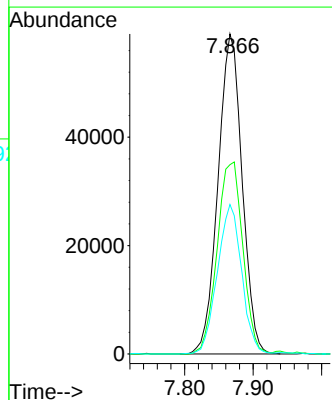
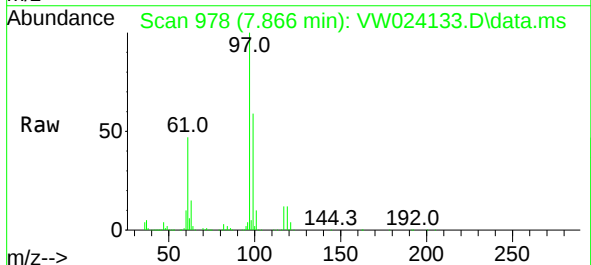
Instrument :
MSVOA_W
ClientSampleId :

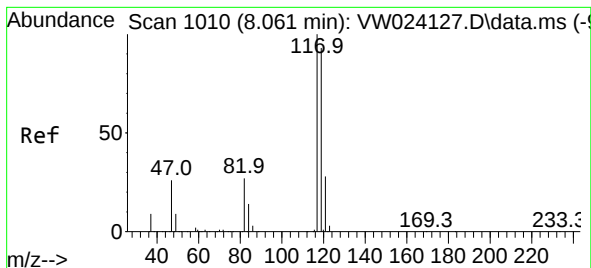
Tgt Ion: 56 Resp: 121519
Ion Ratio Lower Upper
56 100
69 30.9 24.1 36.1
84 97.1 76.2 114.4



#30
1,1,1-Trichloroethane
Concen: 26.310 ug/L
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion: 97 Resp: 144225
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 47.0 37.8 56.6





#31

Carbon tetrachloride

Concen: 26.345 ug/L

RT: 8.061 min Scan# 1010

Delta R.T. 0.000 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

Instrument :

MSVOA_W

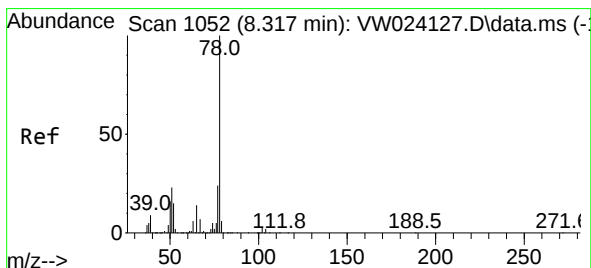
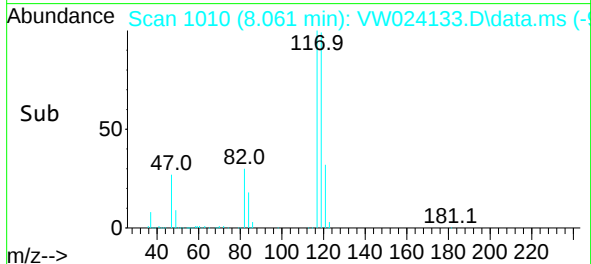
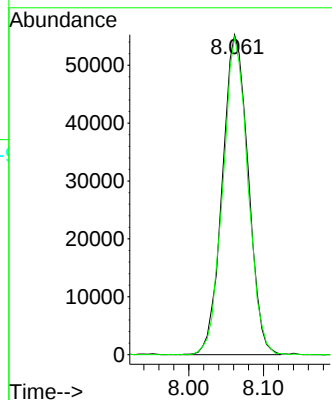
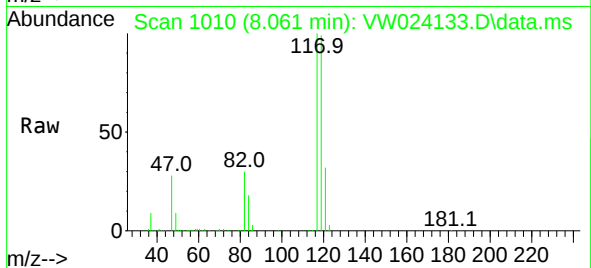
ClientSampleId :

Tgt Ion:117 Resp: 133127

Ion Ratio Lower Upper

117 100

119 96.2 75.0 112.4



#33

Benzene

Concen: 26.875 ug/L

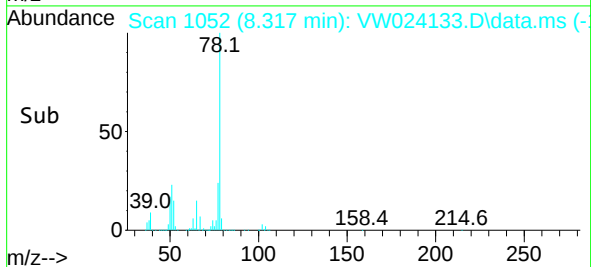
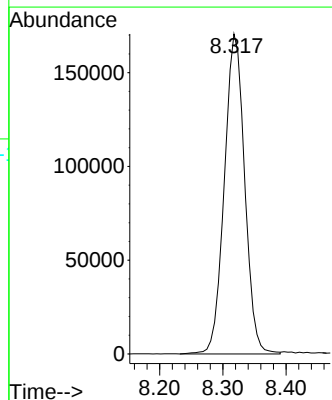
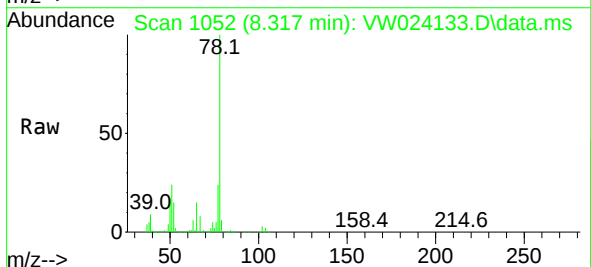
RT: 8.317 min Scan# 1052

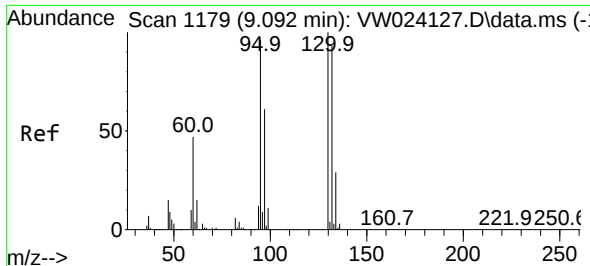
Delta R.T. 0.000 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

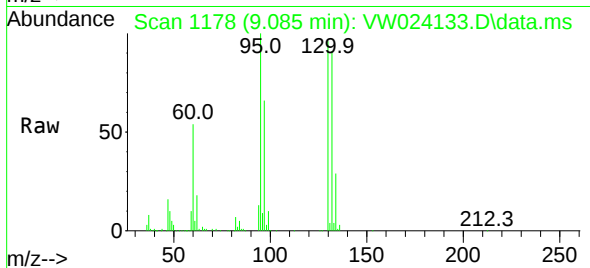
Tgt Ion: 78 Resp: 380757



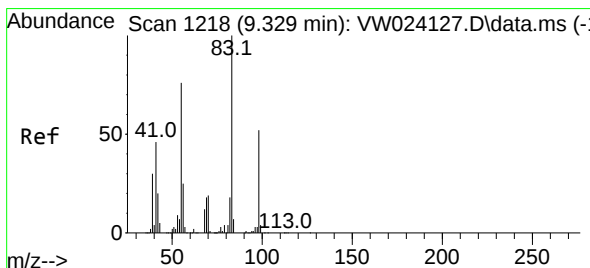
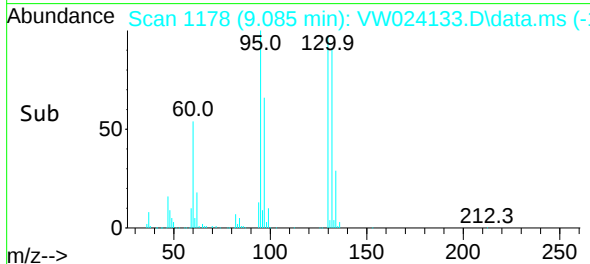
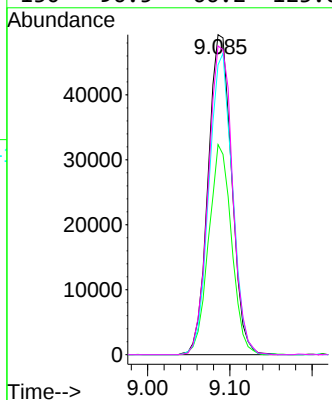


#34
Trichloroethene
Concen: 26.133 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Instrument :
MSVOA_W
ClientSampleId :

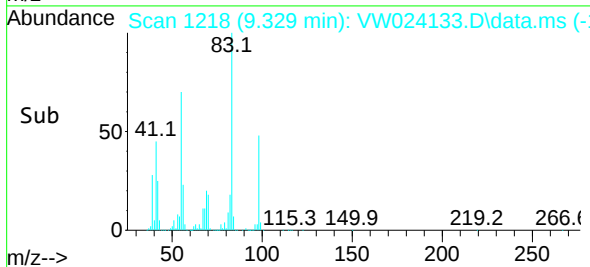
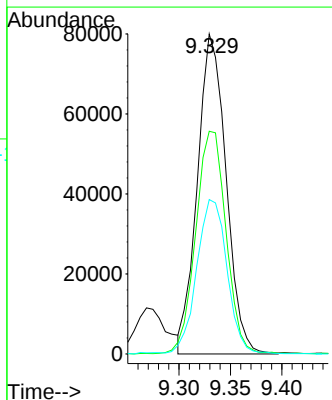
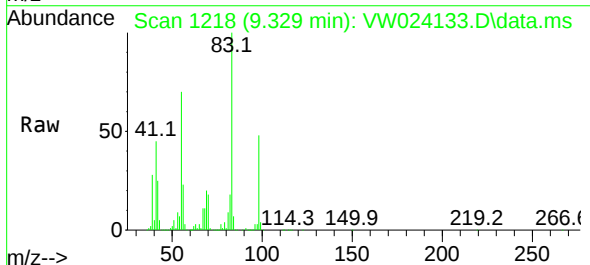


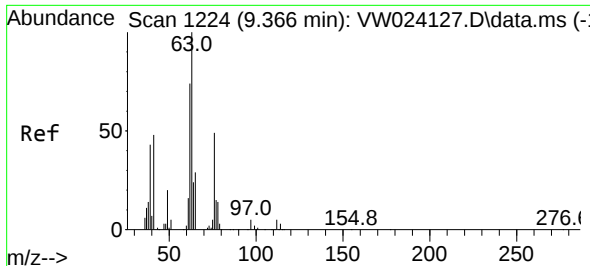
Tgt Ion: 95 Resp: 98043
Ion Ratio Lower Upper
95 100
97 65.6 46.5 86.3
132 90.5 65.8 122.2
130 96.5 66.2 123.0



#35
Methylcyclohexane
Concen: 27.276 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion: 83 Resp: 155463
Ion Ratio Lower Upper
83 100
55 73.3 57.3 85.9
98 51.0 38.9 58.3





#37

1,2-Dichloropropane

Concen: 27.059 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

Instrument :

MSVOA_W

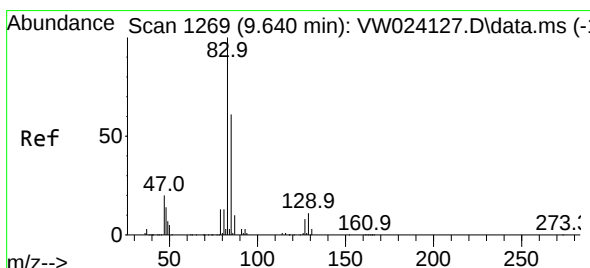
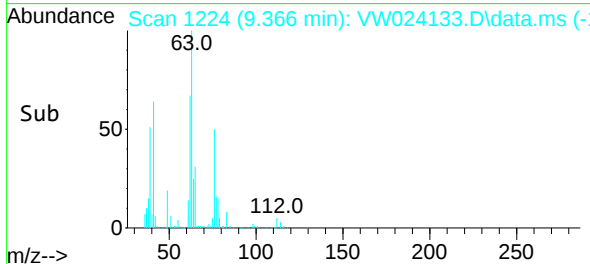
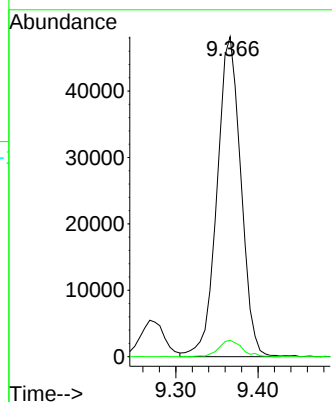
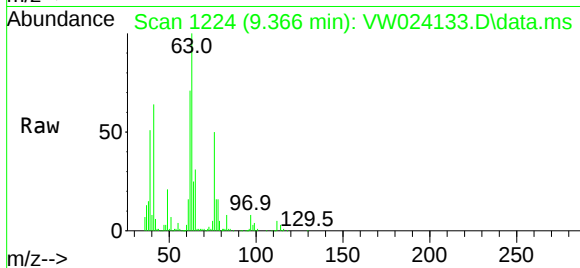
ClientSampleId :

Tgt Ion: 63 Resp: 96921

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 26.559 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

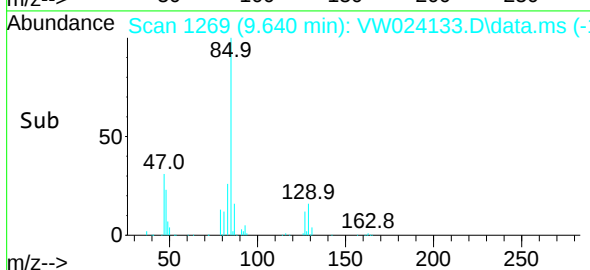
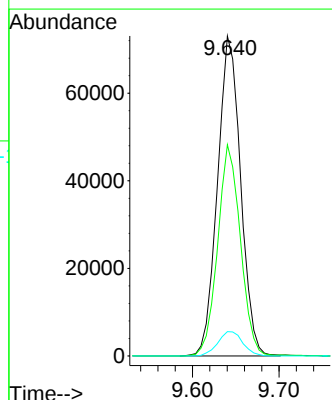
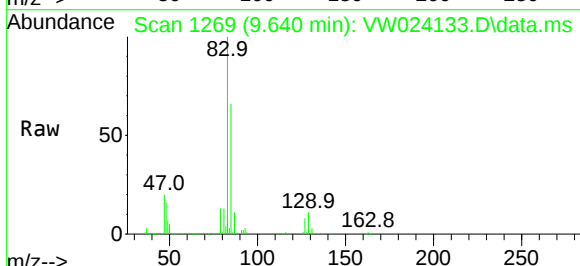
Tgt Ion: 83 Resp: 135630

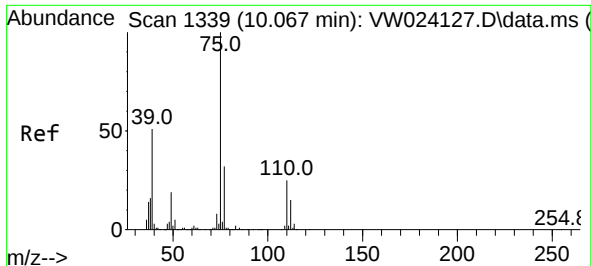
Ion Ratio Lower Upper

83 100

85 66.0 45.1 83.7

127 7.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 27.177 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

Instrument :

MSVOA_W

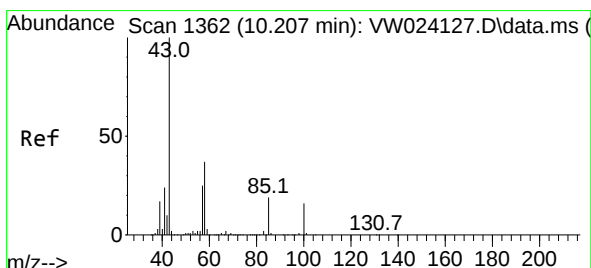
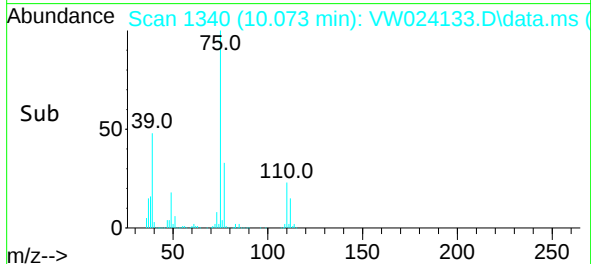
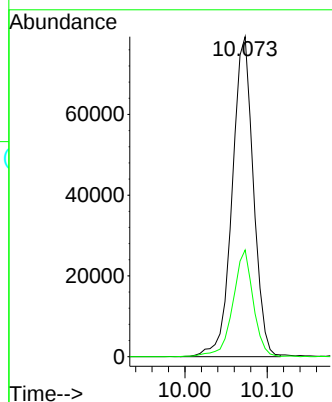
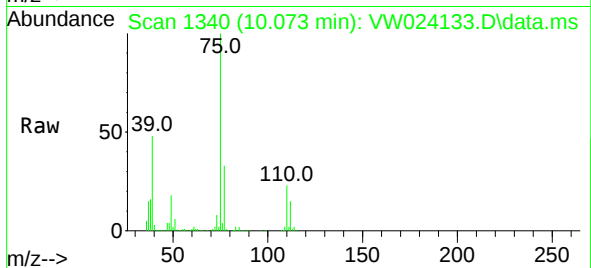
ClientSampleId :

Tgt Ion: 75 Resp: 141822

Ion Ratio Lower Upper

75 100

77 33.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 50.395 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

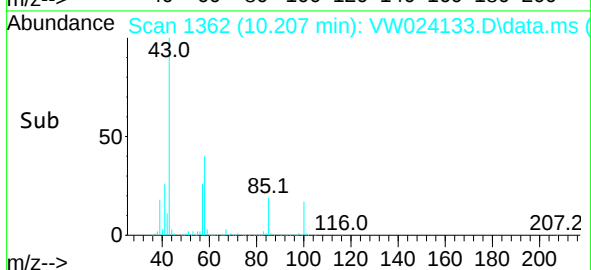
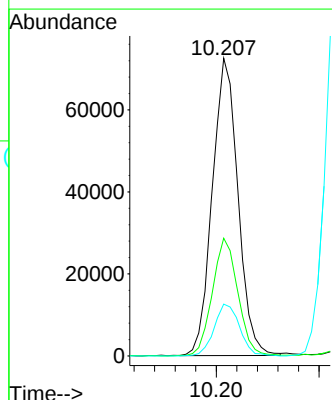
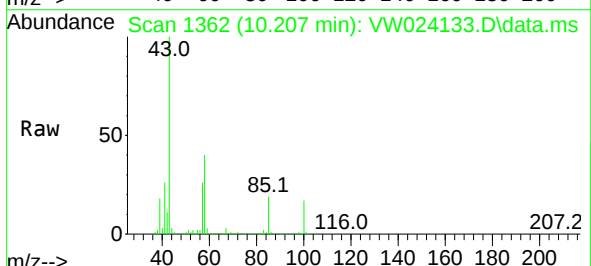
Tgt Ion: 43 Resp: 125603

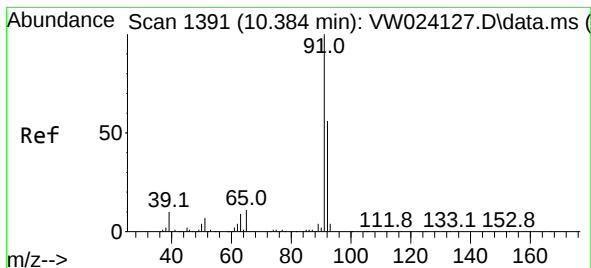
Ion Ratio Lower Upper

43 100

58 39.5 30.8 46.2

100 17.4 13.0 19.6





#42

Toluene

Concen: 28.389 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

Instrument :

MSVOA_W

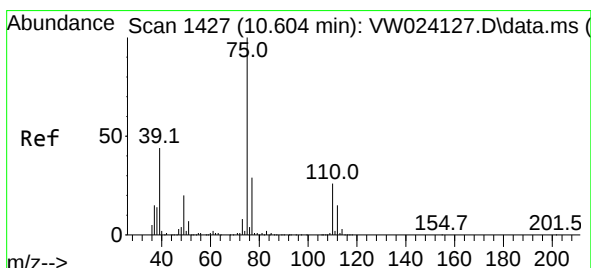
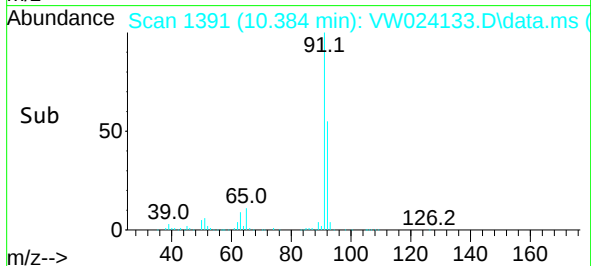
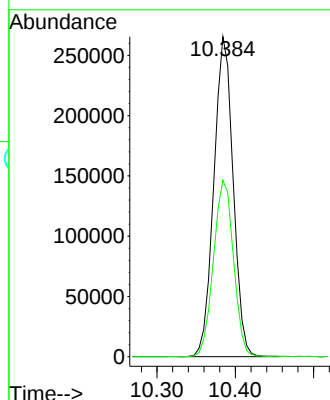
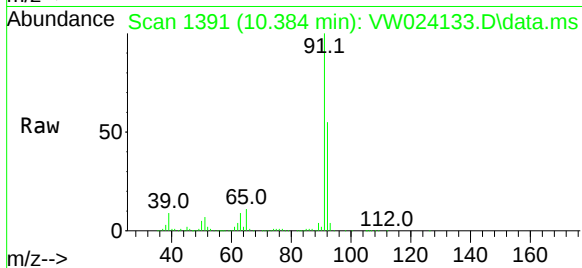
ClientSampleId :

Tgt Ion: 91 Resp: 454938

Ion Ratio Lower Upper

91 100

92 55.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 28.013 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024133.D

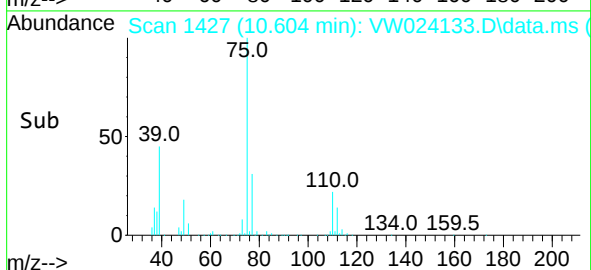
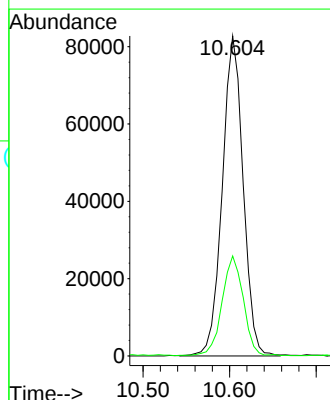
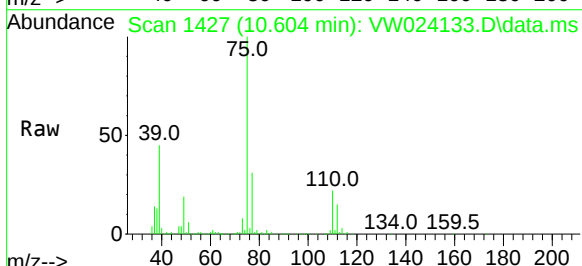
Acq: 29 Jul 2022 17:06

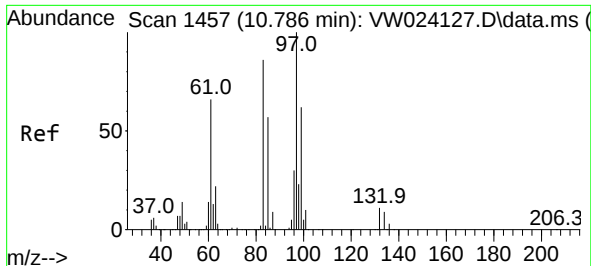
Tgt Ion: 75 Resp: 138437

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.6

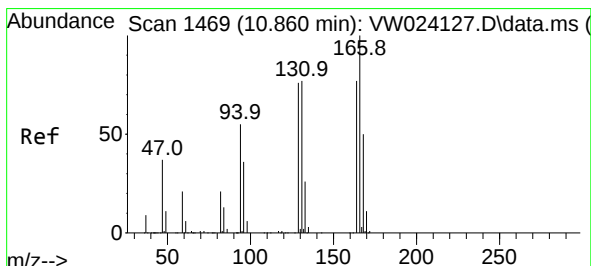
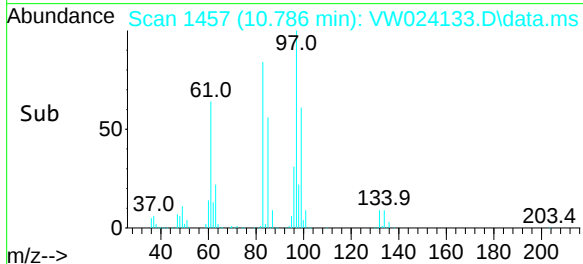
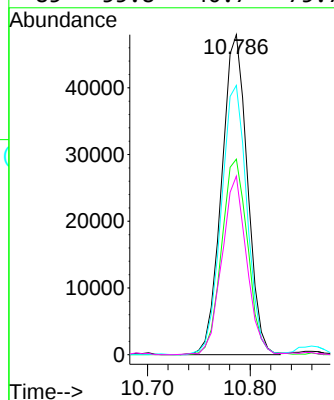
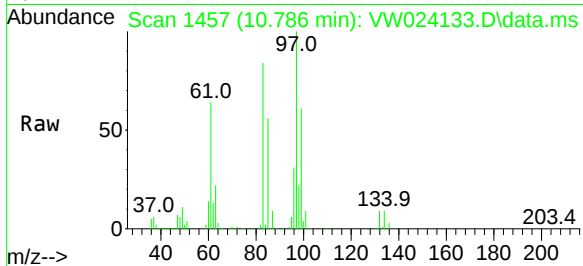




#45
1,1,2-Trichloroethane
Concen: 26.642 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

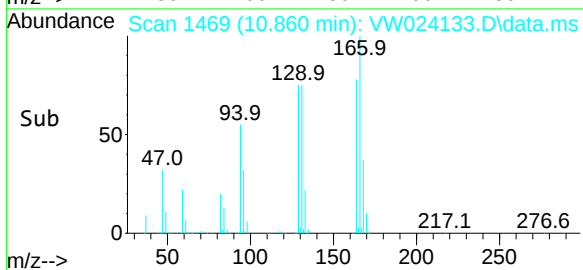
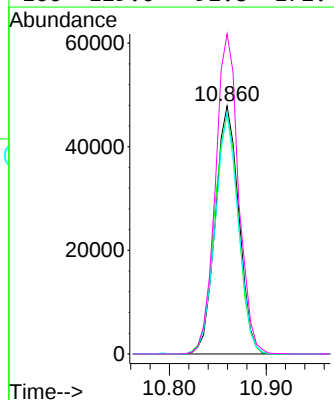
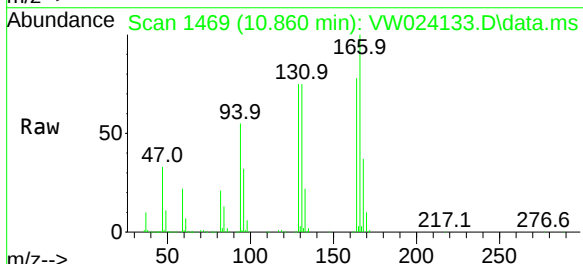
Instrument :
MSVOA_W
ClientSampleId :

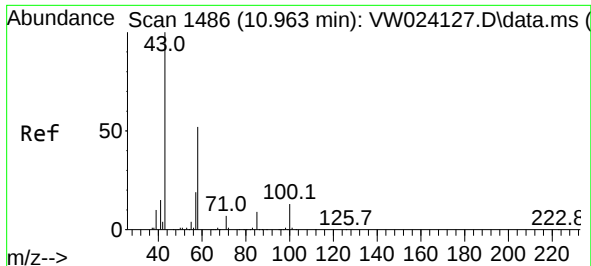
Tgt Ion:	97	Resp:	83364
Ion	Ratio	Lower	Upper
97	100		
99	61.1	46.2	85.8
83	84.2	61.2	113.6
85	55.8	40.7	75.7



#46
Tetrachloroethene
Concen: 27.465 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

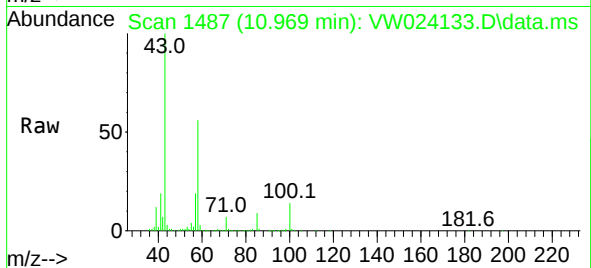
Tgt Ion:	164	Resp:	80644
Ion	Ratio	Lower	Upper
164	100		
129	96.7	65.7	122.1
131	97.1	69.2	128.4
166	129.0	92.8	172.4



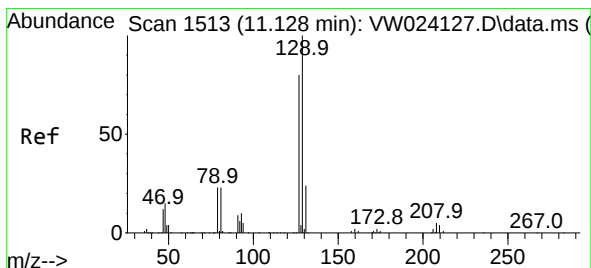
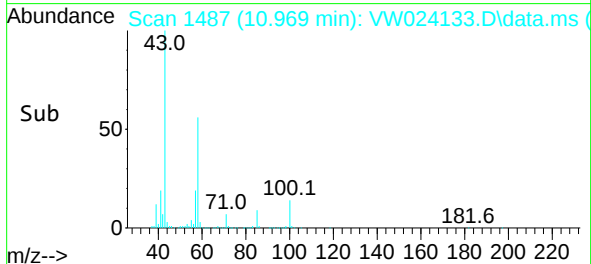
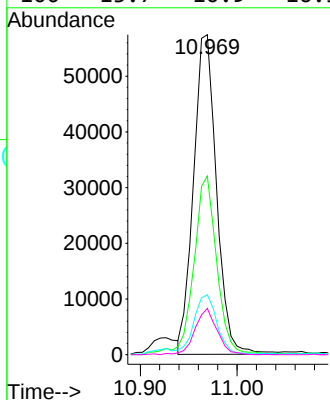


#48
2-Hexanone
Concen: 52.652 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Instrument :
MSVOA_W
ClientSampleId :

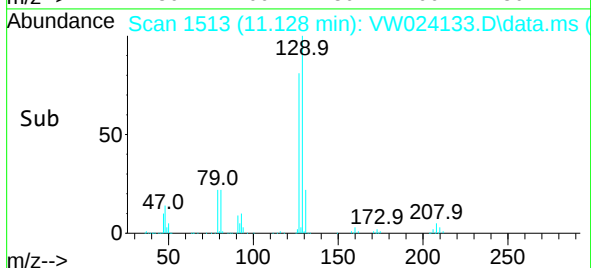
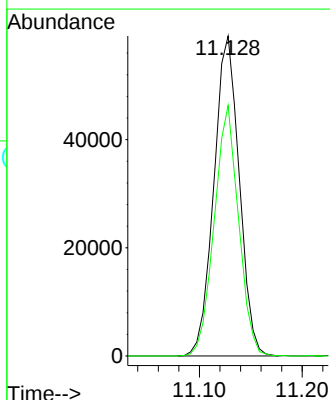
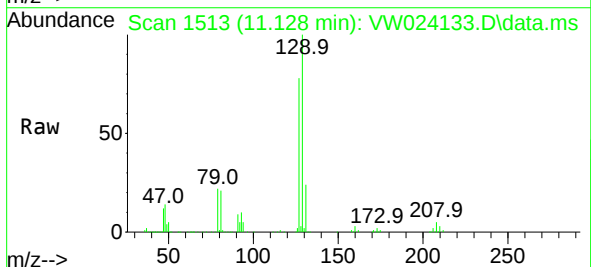


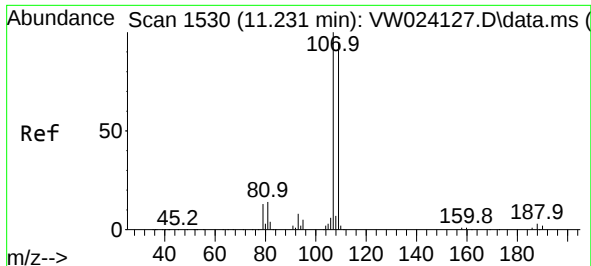
Tgt Ion:	43	Resp:	95100
Ion	Ratio	Lower	Upper
43	100		
58	54.3	41.0	61.6
57	19.0	14.5	21.7
100	13.7	10.9	16.3



#49
Dibromochloromethane
Concen: 27.675 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion:	129	Resp:	101181
Ion	Ratio	Lower	Upper
129	100		
127	78.3	55.0	102.2





#50

1,2-Dibromoethane

Concen: 25.586 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024133.D

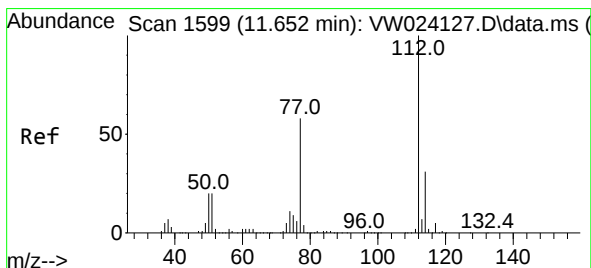
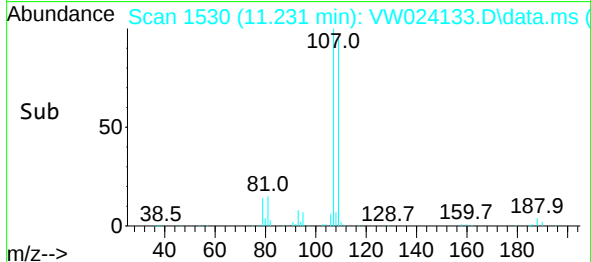
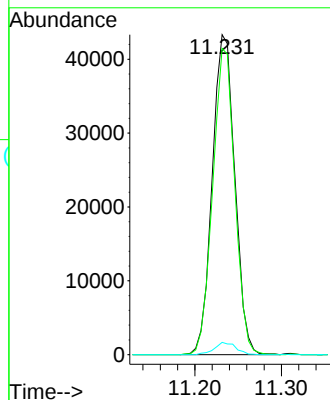
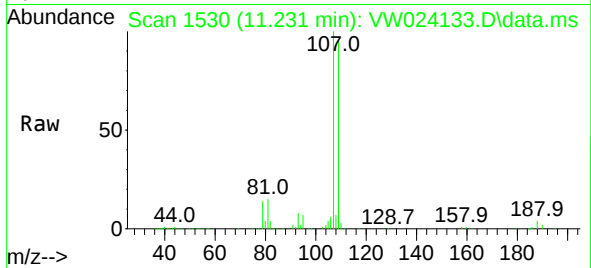
Acq: 29 Jul 2022 17:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	78384
Ion Ratio	Lower	Upper
107	100	
109	95.7	62.2 115.6
188	3.9	2.2 3.2#



#51

Chlorobenzene

Concen: 27.732 ug/L

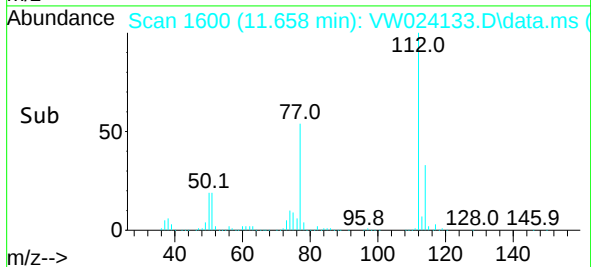
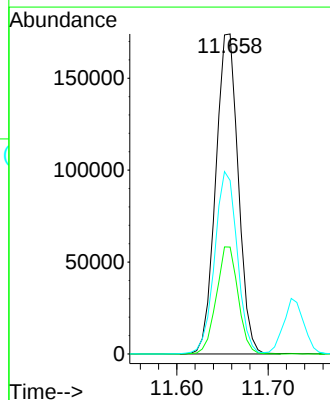
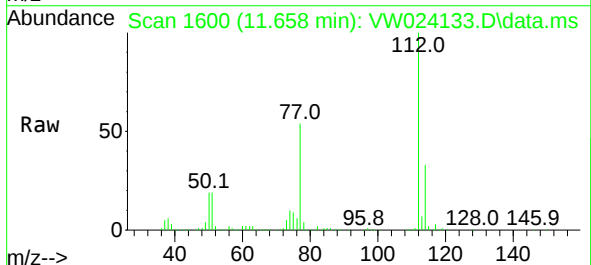
RT: 11.658 min Scan# 1600

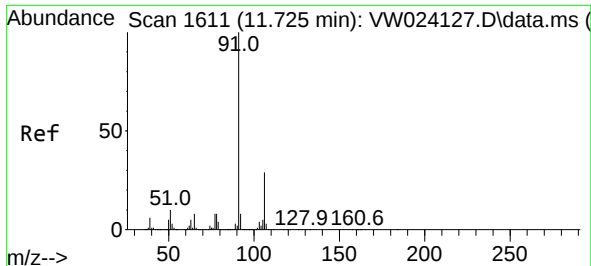
Delta R.T. 0.006 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

Tgt Ion:112	Resp:	299093
Ion Ratio	Lower	Upper
112	100	
114	33.4	23.7 43.9
77	54.2	48.2 72.2

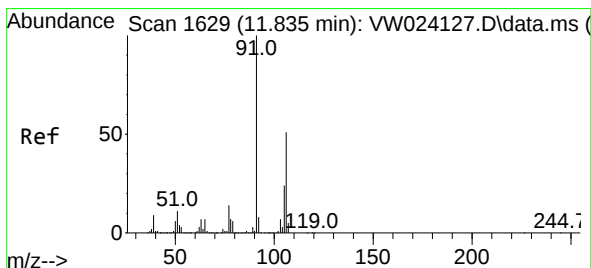
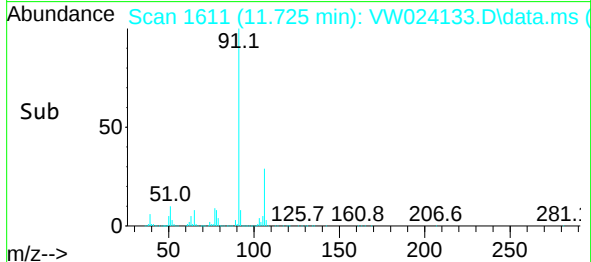
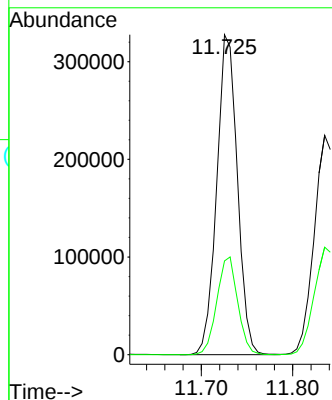
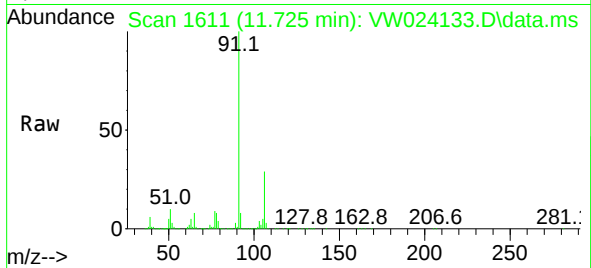




#52
Ethylbenzene
Concen: 29.122 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

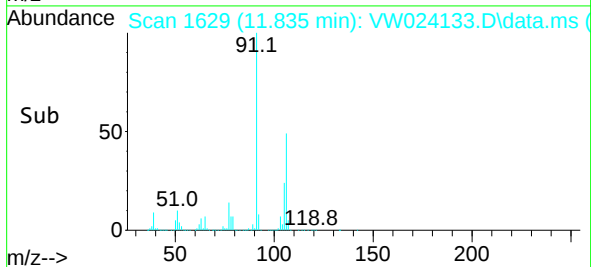
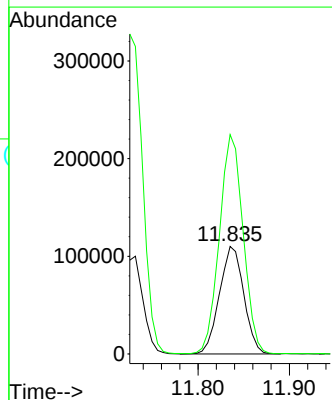
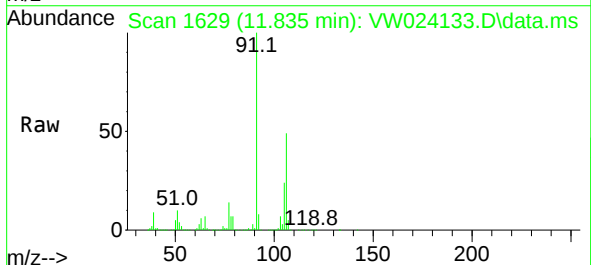
Instrument :
MSVOA_W
ClientSampleId :

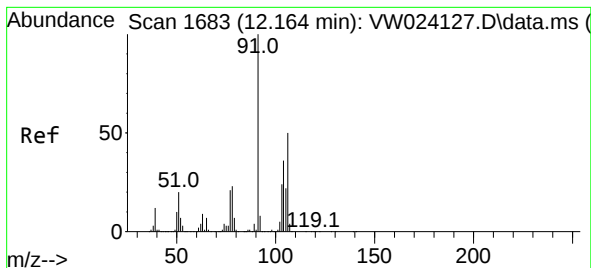
Tgt Ion: 91 Resp: 514302
Ion Ratio Lower Upper
91 100
106 29.3 21.0 39.0



#53
m,p-Xylene
Concen: 29.684 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion:106 Resp: 203479
Ion Ratio Lower Upper
106 100
91 204.0 142.9 265.3





#54

o-Xylene

Concen: 29.538 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

Instrument :

MSVOA_W

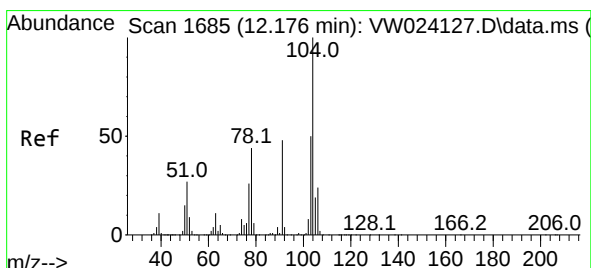
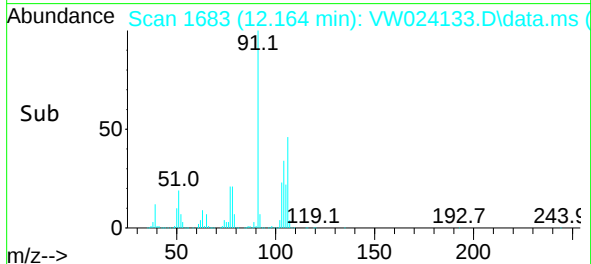
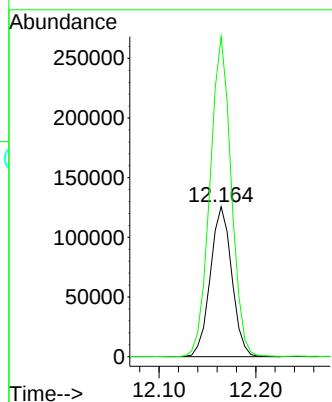
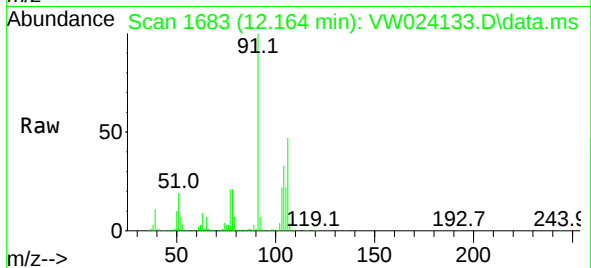
ClientSampleId :

Tgt Ion:106 Resp: 193632

Ion Ratio Lower Upper

106 100

91 213.5 150.6 279.6



#55

Styrene

Concen: 29.944 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024133.D

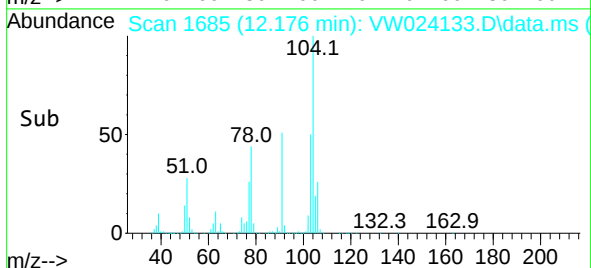
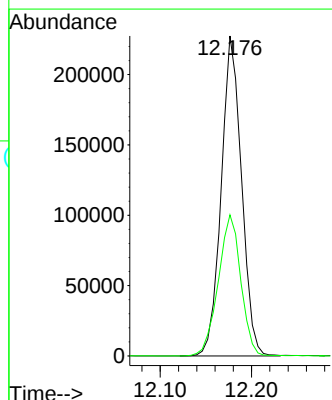
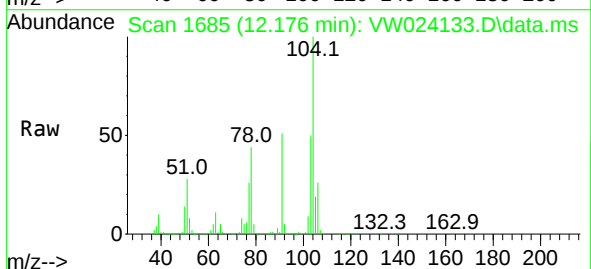
Acq: 29 Jul 2022 17:06

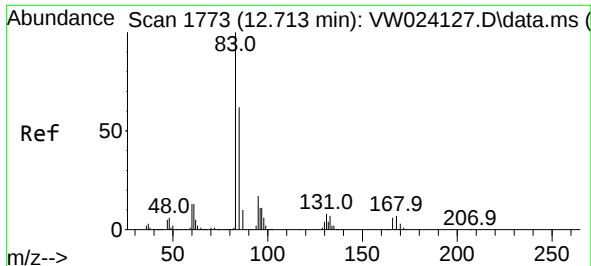
Tgt Ion:104 Resp: 351663

Ion Ratio Lower Upper

104 100

78 44.1 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 25.596 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024133.D

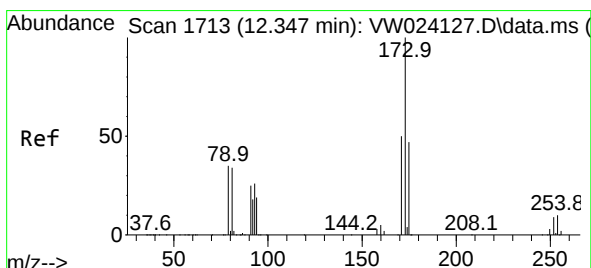
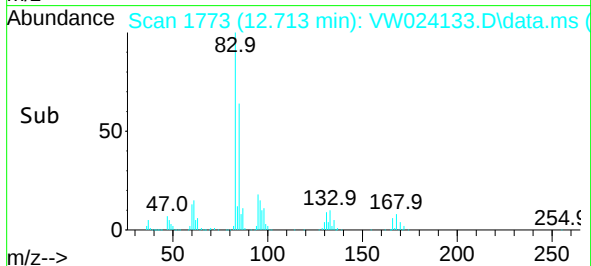
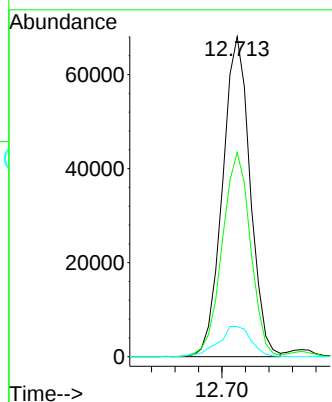
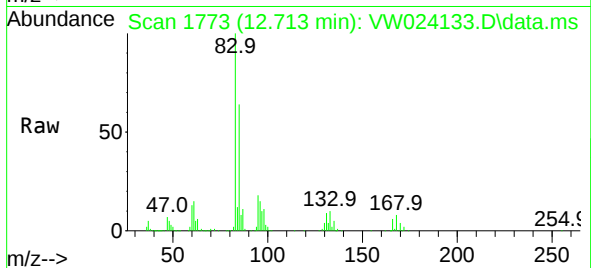
Acq: 29 Jul 2022 17:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 111000
Ion Ratio	Lower Upper
83 100	
85 63.9	44.4 82.5
131 9.4	7.5 11.3



#59

Bromoform

Concen: 23.160 ug/L

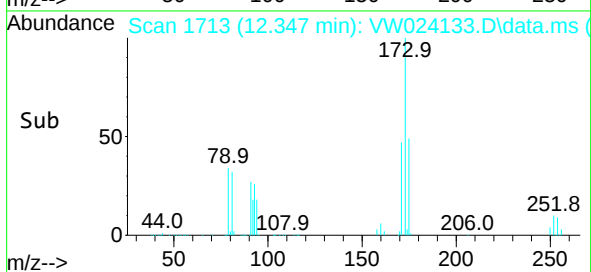
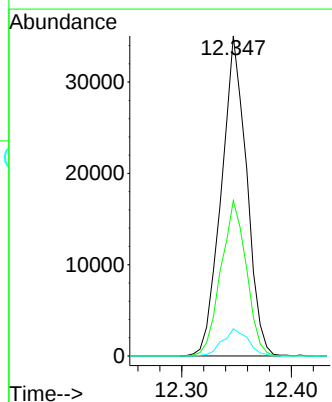
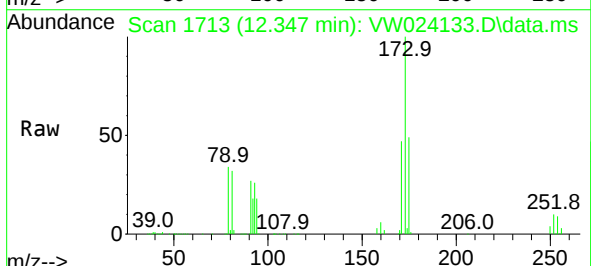
RT: 12.347 min Scan# 1713

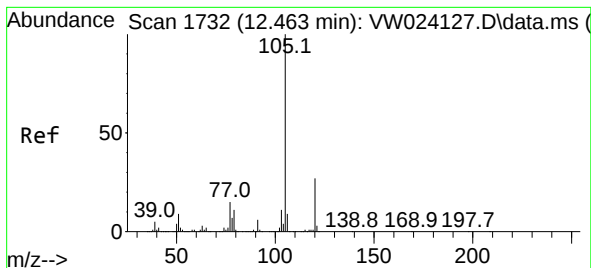
Delta R.T. 0.000 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

Tgt Ion: 173	Resp: 56057
Ion Ratio	Lower Upper
173 100	
175 48.8	38.4 57.6
254 8.6	7.0 10.4





#60

Isopropylbenzene

Concen: 26.885 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

Instrument :

MSVOA_W

ClientSampleId :

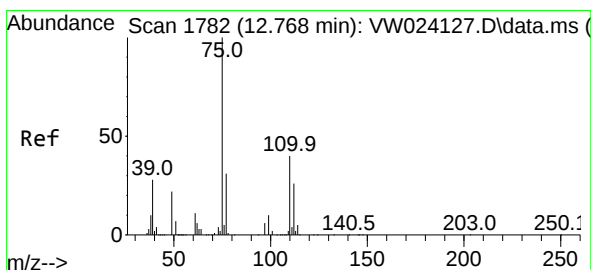
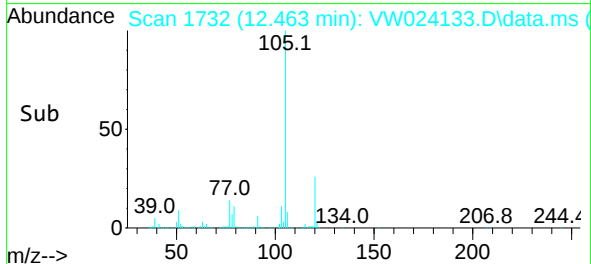
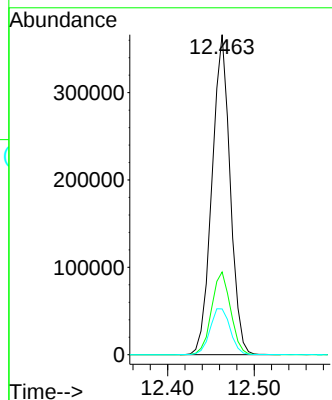
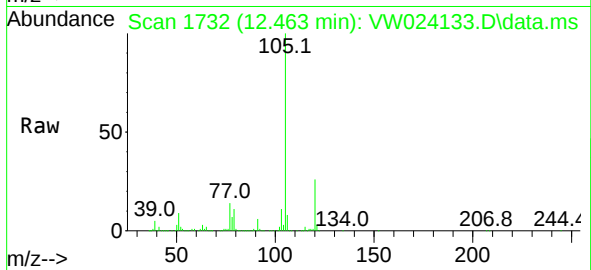
Tgt Ion:105 Resp: 533236

Ion Ratio Lower Upper

105 100

120 27.0 21.1 31.7

77 15.8 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 22.276 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024133.D

Acq: 29 Jul 2022 17:06

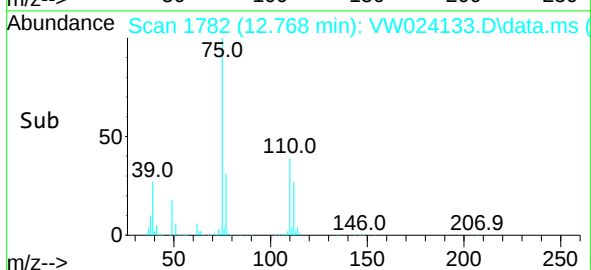
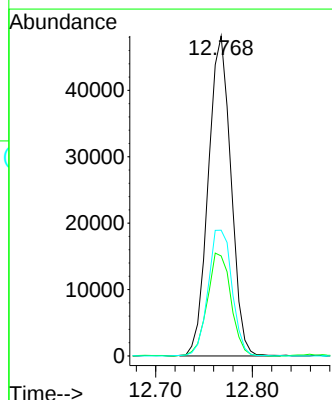
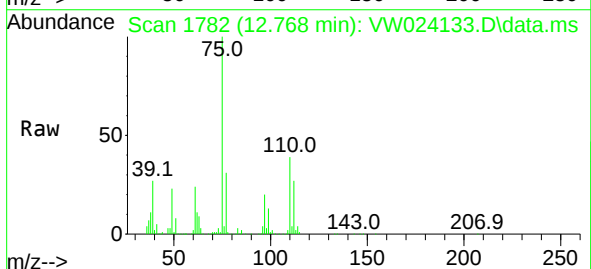
Tgt Ion: 75 Resp: 78405

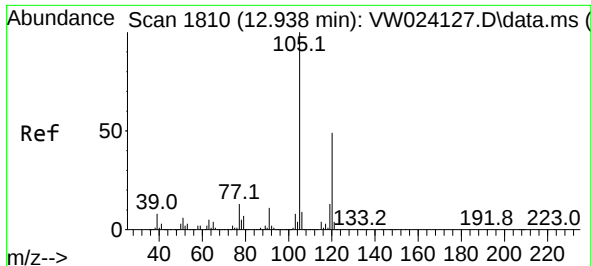
Ion Ratio Lower Upper

75 100

77 33.5 26.1 39.1

110 41.5 33.0 49.4

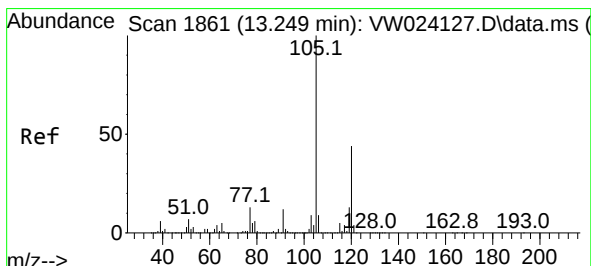
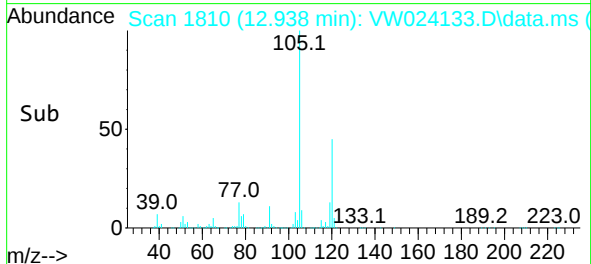
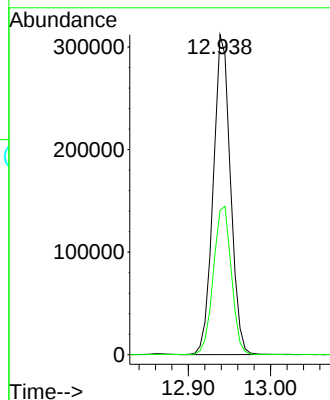
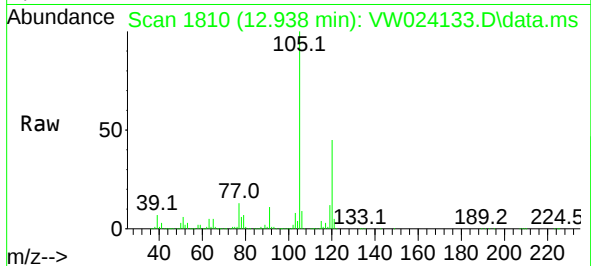




#62
1,3,5-Trimethylbenzene
Concen: 28.426 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

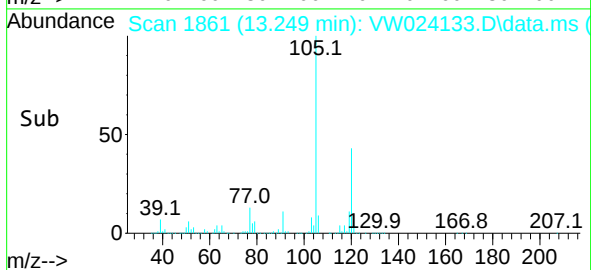
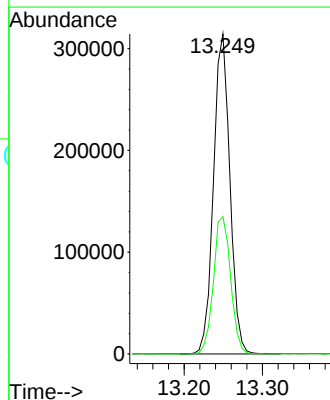
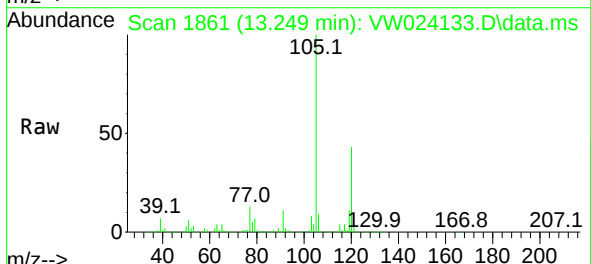
Instrument :
MSVOA_W
ClientSampleId :

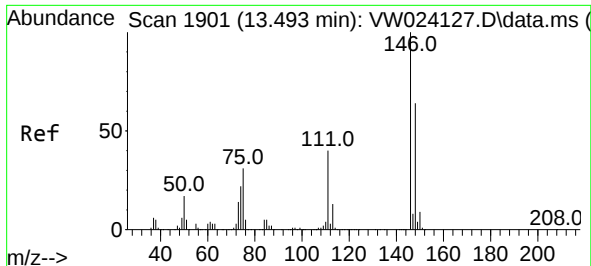
Tgt Ion:105 Resp: 453591
Ion Ratio Lower Upper
105 100
120 48.3 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 28.331 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

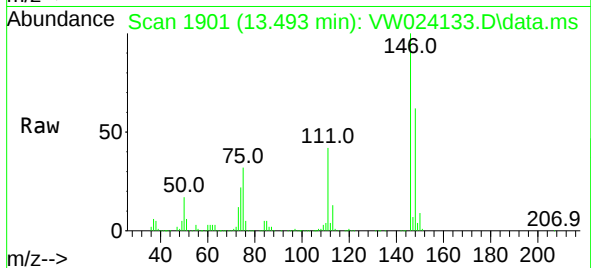
Tgt Ion:105 Resp: 457557
Ion Ratio Lower Upper
105 100
120 45.0 36.1 54.1



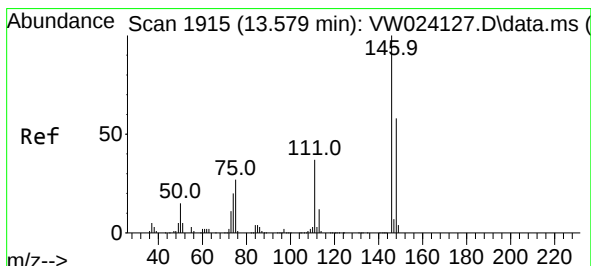
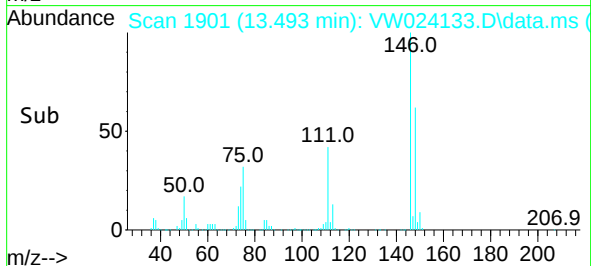
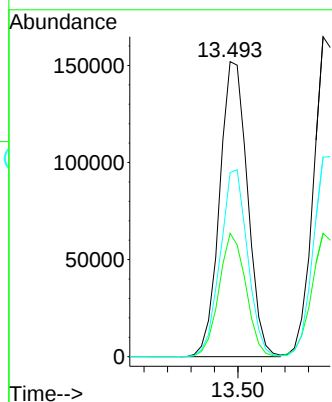


#64
1,3-Dichlorobenzene
Concen: 26.436 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Instrument :
MSVOA_W
ClientSampleId :

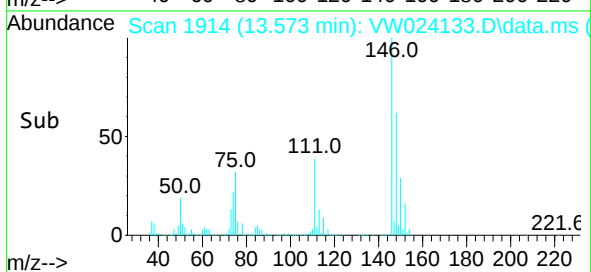
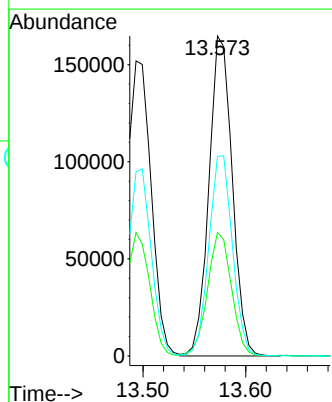
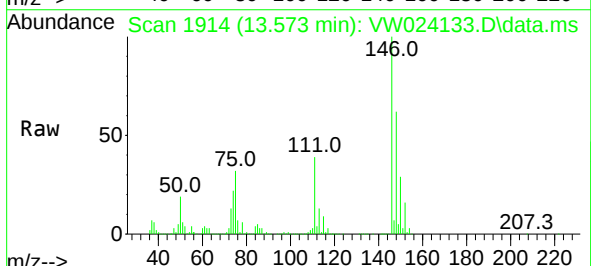


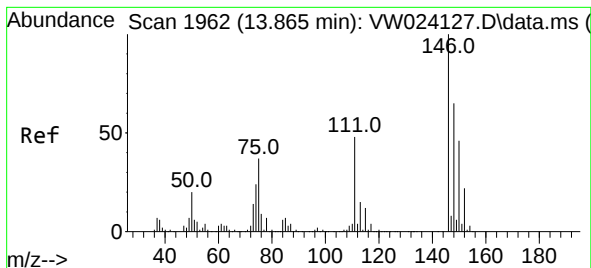
Tgt Ion:146 Resp: 250778
Ion Ratio Lower Upper
146 100
111 41.8 26.4 49.0
148 62.4 41.4 77.0



#65
1,4-Dichlorobenzene
Concen: 25.850 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion:146 Resp: 260315
Ion Ratio Lower Upper
146 100
111 38.5 27.9 51.9
148 62.3 43.2 80.2

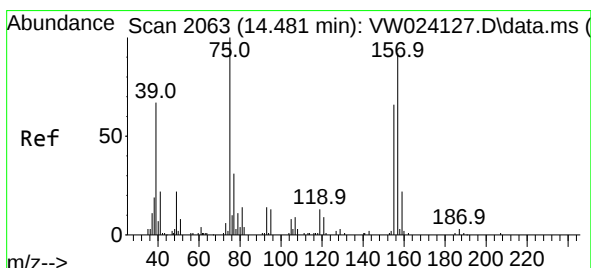
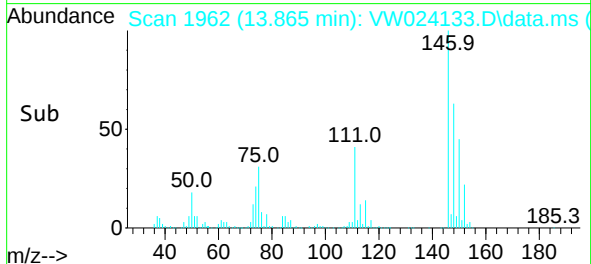
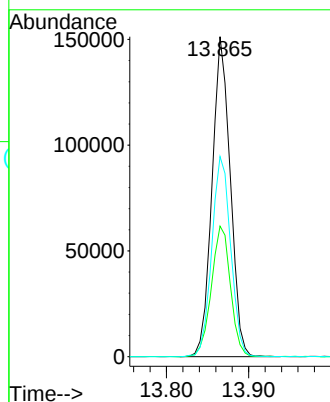
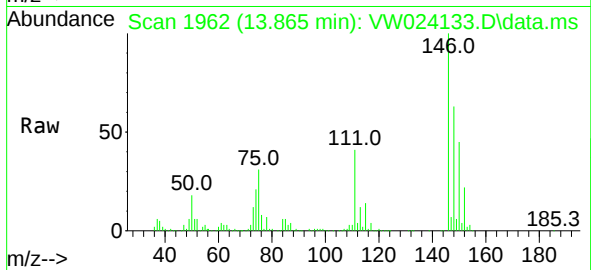




#67
1,2-Dichlorobenzene
Concen: 26.280 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

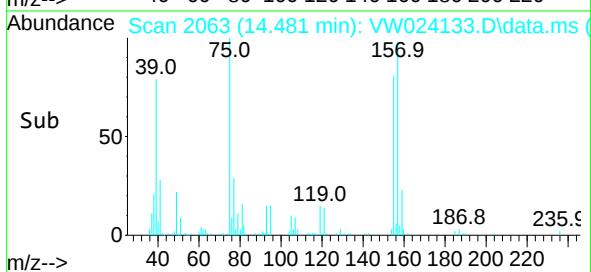
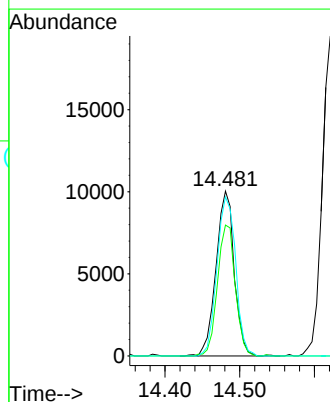
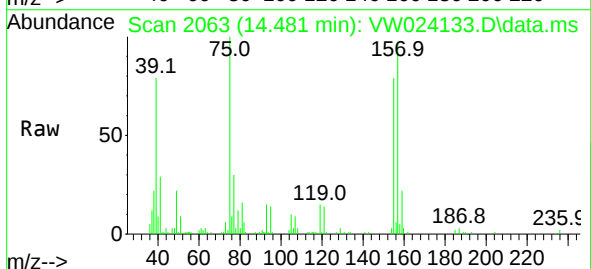
Instrument :
MSVOA_W
ClientSampleId :

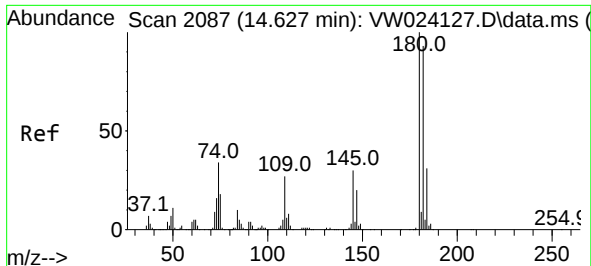
Tgt Ion:146 Resp: 233190
Ion Ratio Lower Upper
146 100
111 40.8 33.9 50.9
148 62.5 53.0 79.6



#68
1,2-Dibromo-3-chloropropane
Concen: 21.621 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

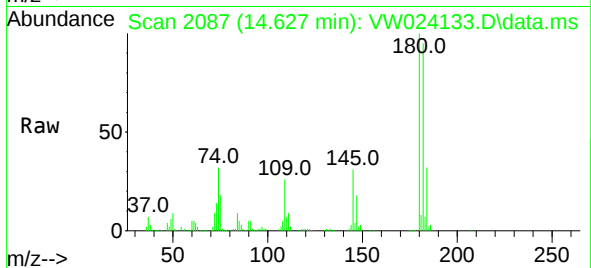
Tgt Ion: 75 Resp: 17004
Ion Ratio Lower Upper
75 100
155 79.5 58.6 88.0
157 96.5 64.0 96.0#



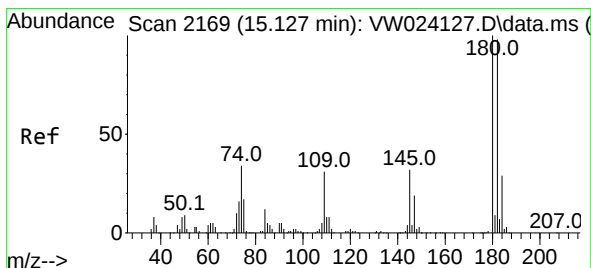
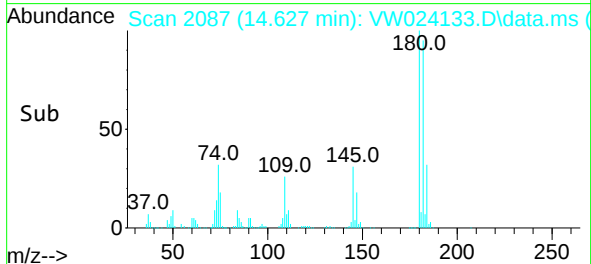
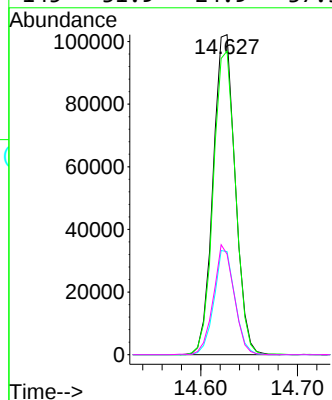


#69
1,3,5-Trichlorobenzene
Concen: 26.807 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Instrument :
MSVOA_W
ClientSampleId :

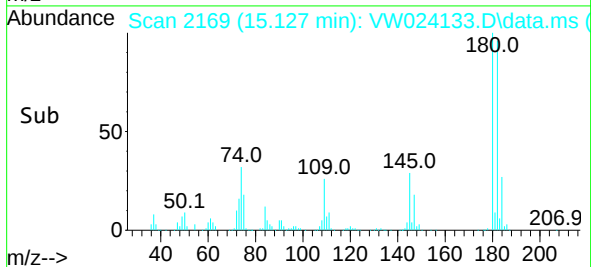
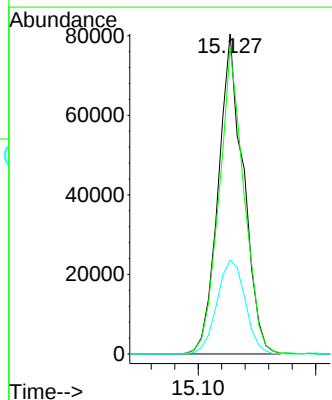
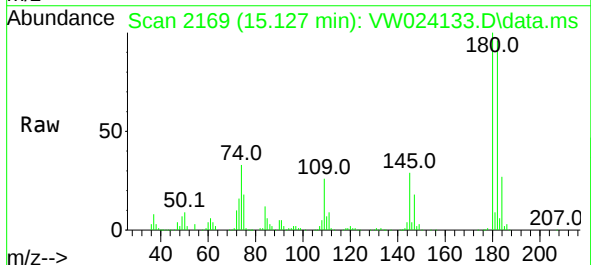


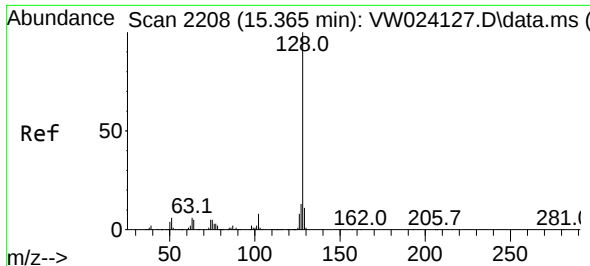
Tgt Ion:180 Resp: 162164
Ion Ratio Lower Upper
180 100
182 95.1 73.9 110.9
184 30.8 23.5 35.3
145 31.9 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 26.026 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion:180 Resp: 119294
Ion Ratio Lower Upper
180 100
182 95.2 72.0 108.0
145 33.0 24.9 37.3

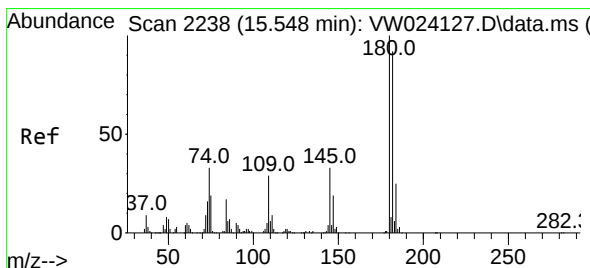
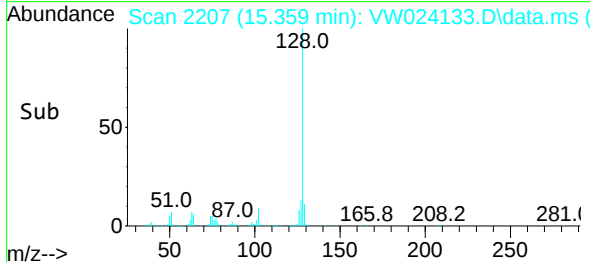
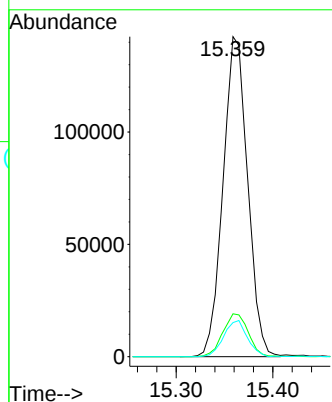
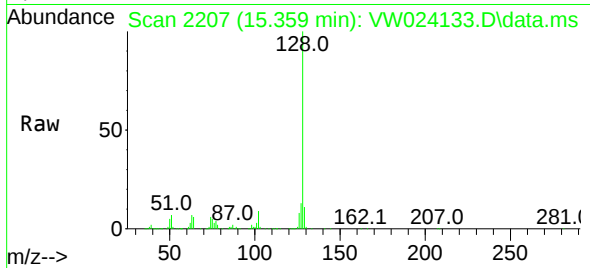




#71
Naphthalene
Concen: 25.675 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 251825
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 10.9 9.3 13.9



#72
1,2,3-Trichlorobenzene
Concen: 27.066 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024133.D
Acq: 29 Jul 2022 17:06

Tgt Ion:180 Resp: 116701
Ion Ratio Lower Upper
180 100
182 90.0 77.8 116.8
145 34.2 27.6 41.4

