

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
 Data File : VW028050.D
 Acq On : 21 Feb 2024 16:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 21 23:36:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 21 23:34:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	282325	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258519	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133179	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	54491	16.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.920%
7) Chloroethane-d5	2.899	69	48789	19.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	4.027	65	25140	17.768	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.080%
21) 2-Butanone-d5	7.075	46	24565	47.812	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.620%
24) Chloroform-d	7.648	84	142664	21.611	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.440%
26) 1,2-Dichloroethane-d4	8.307	65	63867	21.421	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.680%
32) Benzene-d6	8.276	84	277858	20.089	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.360%
36) 1,2-Dichloropropane-d6	9.270	67	76156	20.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.240%
41) Toluene-d8	10.319	98	268638	20.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	10.575	79	32230	20.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.600%
47) 2-Hexanone-d5	10.922	63	24361	47.757	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62523	22.306	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	13.855	152	93683	20.696	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	46727	19.219	ug/L	100
3) Chloromethane	2.223	50	45532	17.053	ug/L	98
5) Vinyl chloride	2.375	62	68022	18.796	ug/L	98
6) Bromomethane	2.796	94	50800	19.866	ug/L	96
8) Chloroethane	2.936	64	43609	21.328	ug/L	92
9) Trichlorofluoromethane	3.271	101	65787	20.003	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	68131	20.552	ug/L	95
12) 1,1-Dichloroethene	4.045	96	63801	20.688	ug/L	90
13) Acetone	4.125	43	24636	49.311	ug/L	98
14) Carbon disulfide	4.393	76	165041	18.077	ug/L	99
15) Methyl Acetate	4.673	43	18338	22.048	ug/L	97
16) Methylene chloride	4.917	84	74377	21.077	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	69910	21.099	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	92837	23.635	ug/L #	90
19) 1,1-Dichloroethane	6.222	63	120259	22.342	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	78308	22.381	ug/L	98
22) 2-Butanone	7.167	43	28535	49.479	ug/L	99
23) Bromochloromethane	7.520	128	34791	22.386	ug/L	91
25) Chloroform	7.679	83	135709	23.453	ug/L	99

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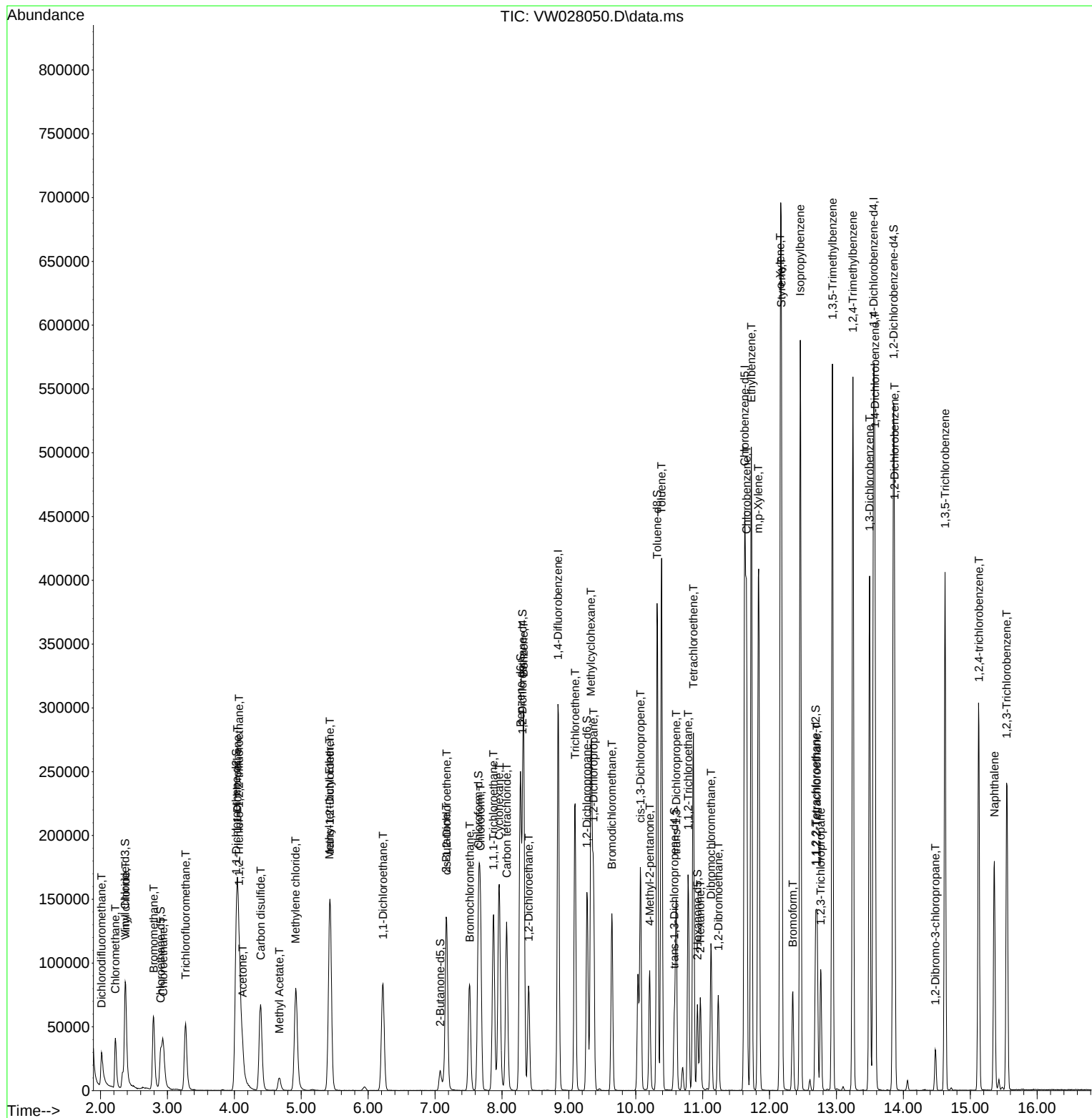
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	76376	23.702	ug/L	99
29) Cyclohexane	7.959	56	93424	20.275	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	115749	23.194	ug/L	99
31) Carbon tetrachloride	8.069	117	104323	22.596	ug/L	97
33) Benzene	8.325	78	282470	21.876	ug/L	100
34) Trichloroethene	9.093	95	79908	21.558	ug/L	99
35) Methylcyclohexane	9.331	83	126746	20.779	ug/L	98
37) 1,2-Dichloropropane	9.368	63	67142	22.129	ug/L	99
38) Bromodichloromethane	9.642	83	97245	24.011	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	110715	22.766	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	54846	47.892	ug/L	98
42) Toluene	10.386	91	323684	22.358	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	88899	23.031	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	55396	23.066	ug/L	98
46) Tetrachloroethene	10.861	164	69091	22.152	ug/L	88
48) 2-Hexanone	10.965	43	41006	47.274	ug/L	99
49) Dibromochloromethane	11.123	129	62646	22.880	ug/L	95
50) 1,2-Dibromoethane	11.233	107	50755	22.641	ug/L	96
51) Chlorobenzene	11.654	112	214982	22.327	ug/L	100
52) Ethylbenzene	11.727	91	370457	22.696	ug/L	98
53) m,p-Xylene	11.831	106	145934	22.797	ug/L	92
54) o-Xylene	12.160	106	133098	22.169	ug/L	97
55) Styrene	12.178	104	233990	23.399	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	58758	22.847	ug/L	94
59) Bromoform	12.349	173	36174	23.013	ug/L	100
60) Isopropylbenzene	12.459	105	384155	23.102	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	41779	23.506	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	310759	23.353	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	317144	24.355	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	174984	22.907	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	180097	23.188	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	157228	23.303	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	8587	24.334	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	128968	23.512	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	99830	22.537	ug/L	100
71) Naphthalene	15.360	128	166140	24.137	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	92153	24.935	ug/L	95

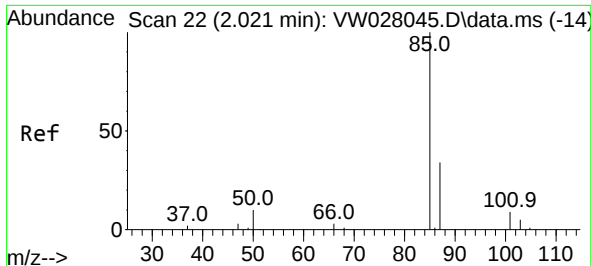
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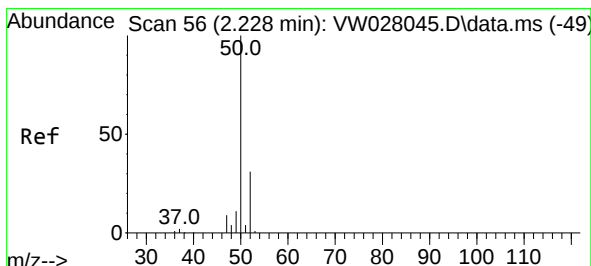
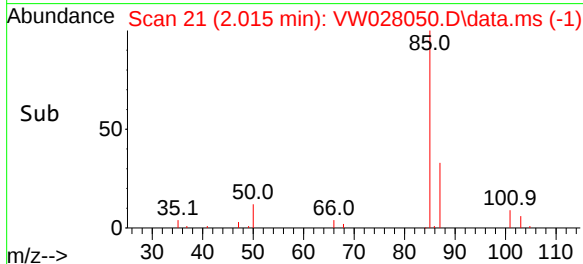
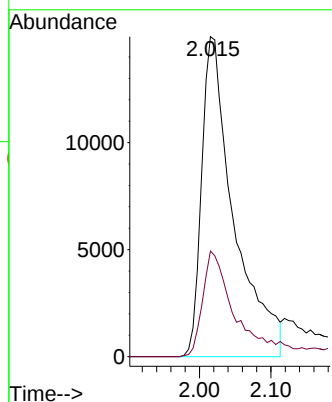
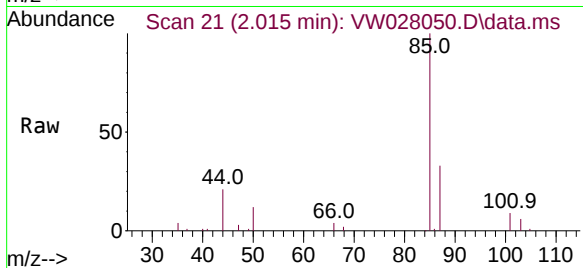




#2
 Dichlorodifluoromethane
 Concen: 19.219 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW028050.D
 Acq: 21 Feb 2024 16:24

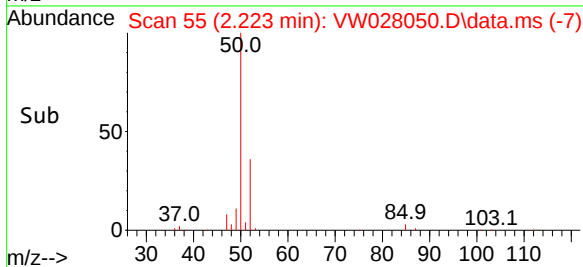
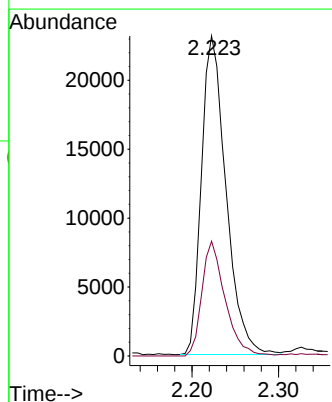
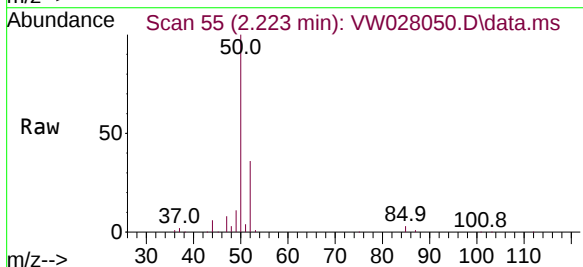
Instrument :
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 ClientSampleId :

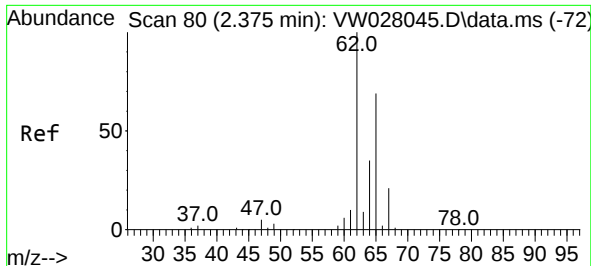
Tgt Ion: 85 Resp: 46727
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.3 37.9



#3
 Chloromethane
 Concen: 17.053 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW028050.D
 Acq: 21 Feb 2024 16:24

Tgt Ion: 50 Resp: 45532
 Ion Ratio Lower Upper
 50 100
 52 35.8 24.3 45.1

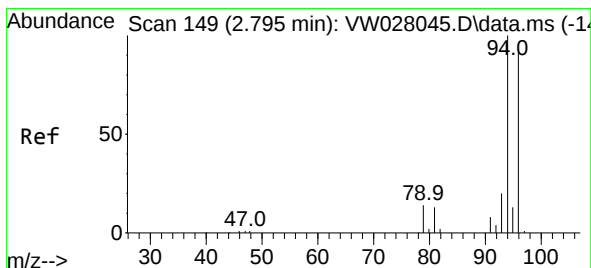
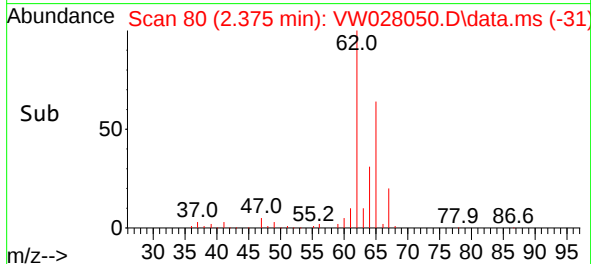
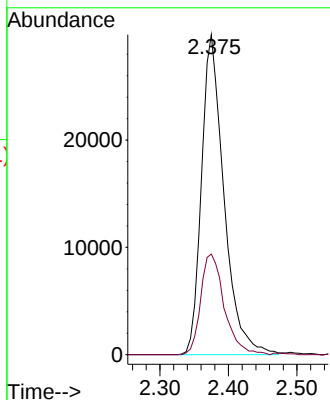
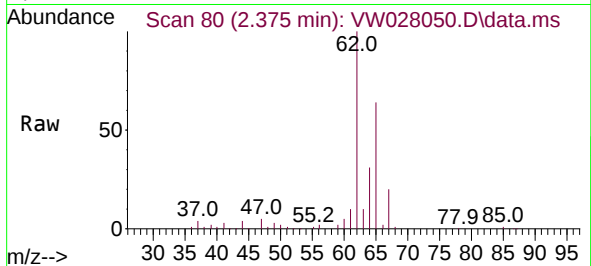




#5
 Vinyl chloride
 Concen: 18.796 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028050.D
 Acq: 21 Feb 2024 16:24

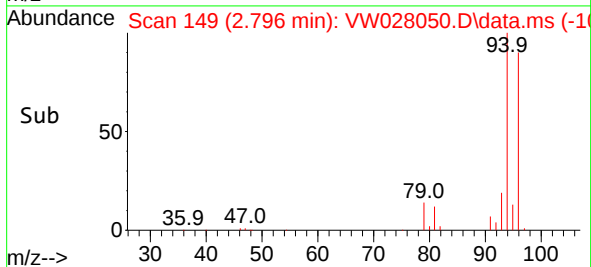
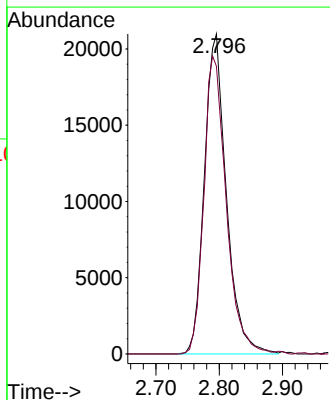
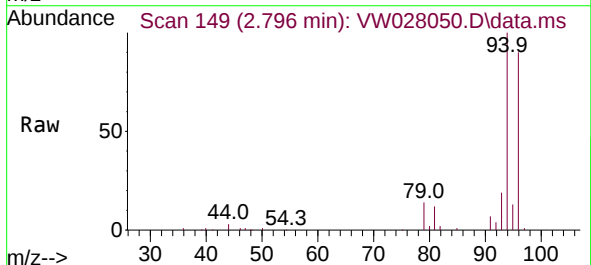
Instrument :
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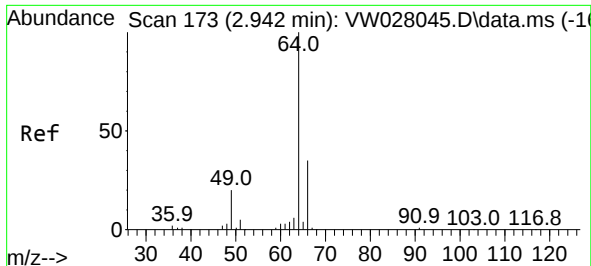
Tgt Ion: 62 Resp: 68022
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.0 42.6



#6
 Bromomethane
 Concen: 19.866 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW028050.D
 Acq: 21 Feb 2024 16:24

Tgt Ion: 94 Resp: 50800
 Ion Ratio Lower Upper
 94 100
 96 89.9 65.3 121.3

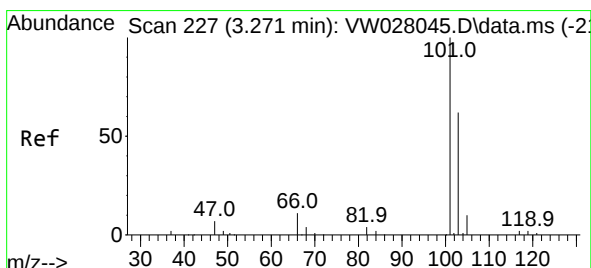
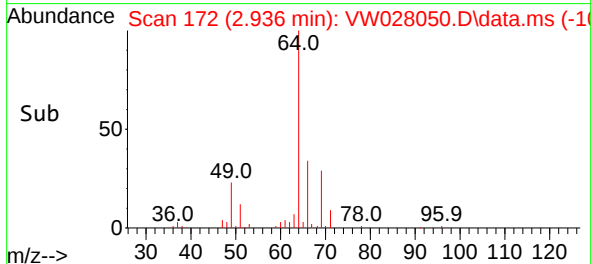
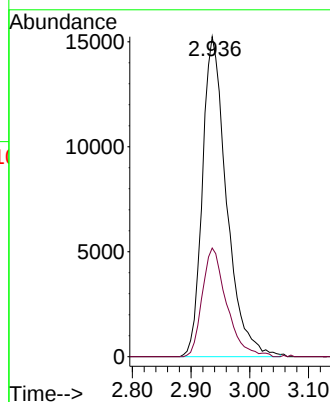
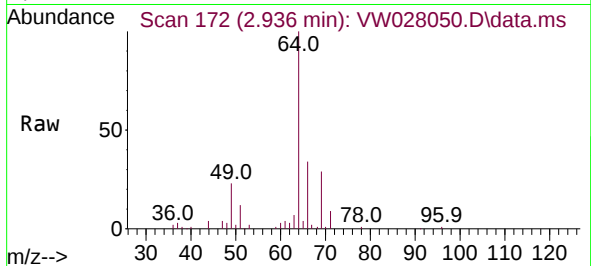




#8
Chloroethane
Concen: 21.328 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

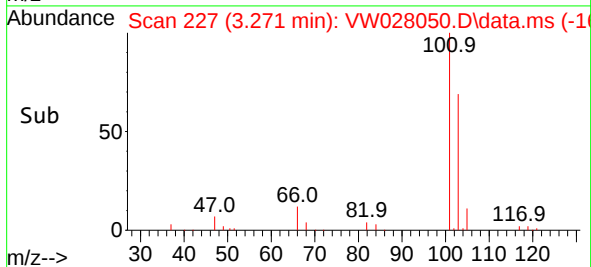
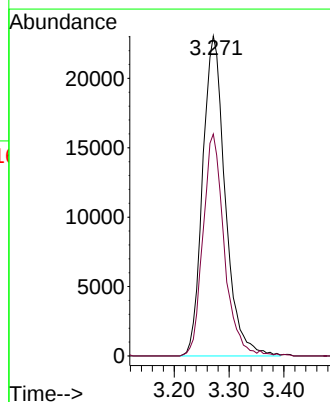
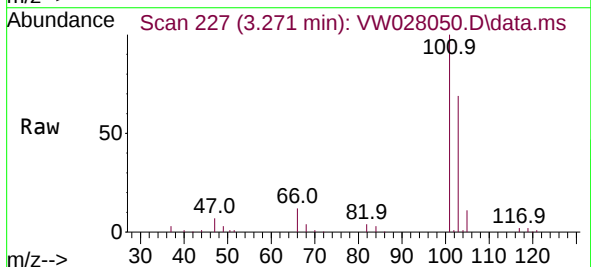
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ClientSampleId :

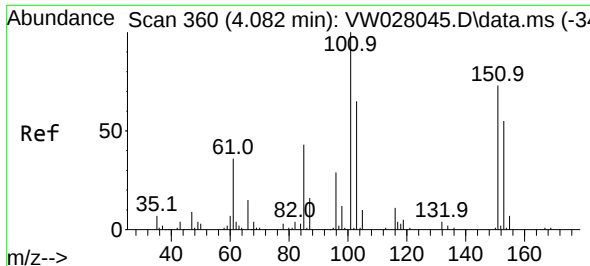
Tgt Ion: 64 Resp: 43609
Ion Ratio Lower Upper
64 100
66 34.0 20.9 38.7



#9
Trichlorofluoromethane
Concen: 20.003 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Tgt Ion:101 Resp: 65787
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

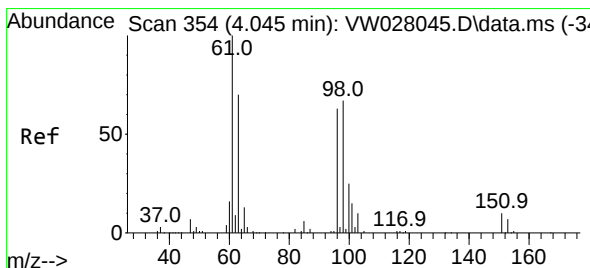
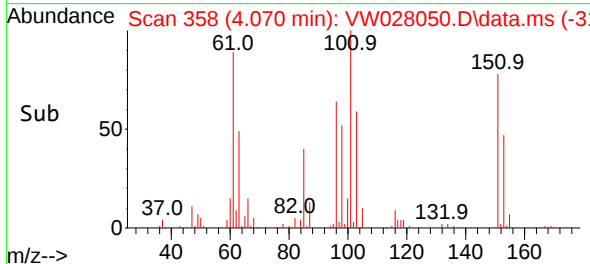
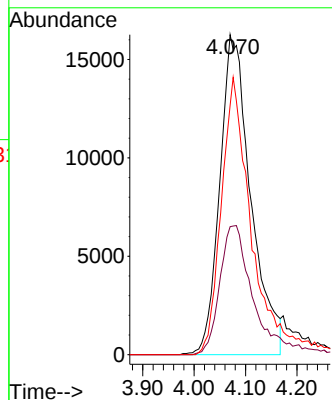
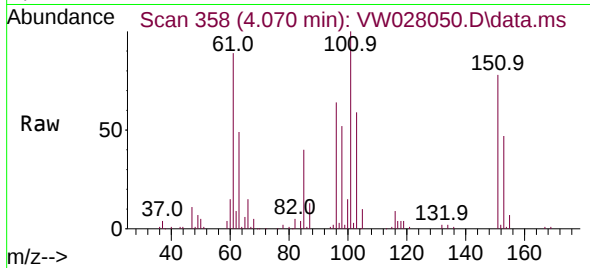




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.552 ug/L
 RT: 4.070 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW028050.D
 Acq: 21 Feb 2024 16:24

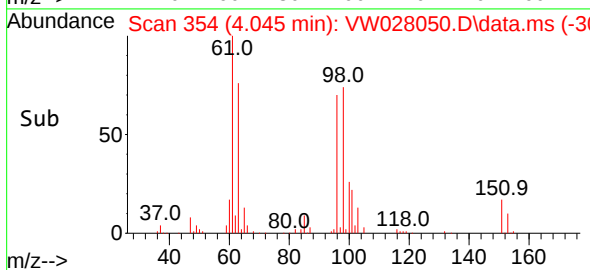
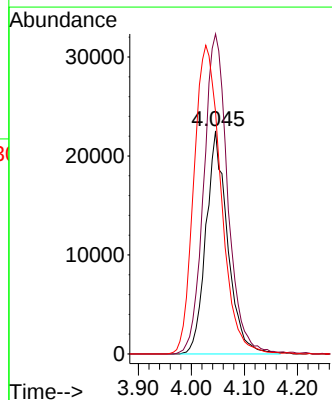
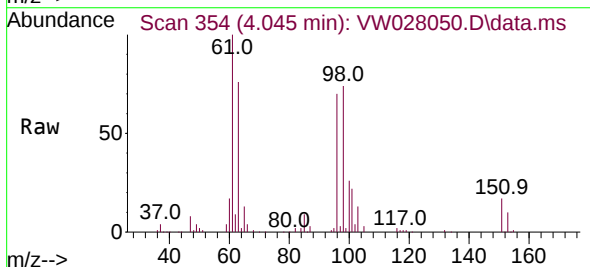
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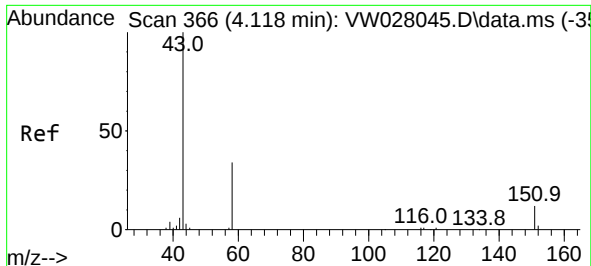
Tgt Ion:101 Resp: 68131
 Ion Ratio Lower Upper
 101 100
 85 39.5 33.8 50.6
 151 83.0 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 20.688 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028050.D
 Acq: 21 Feb 2024 16:24

Tgt Ion: 96 Resp: 63801
 Ion Ratio Lower Upper
 96 100
 61 143.5 107.4 199.4
 63 108.5 86.0 159.6





#13

Acetone

Concen: 49.311 ug/L

RT: 4.125 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

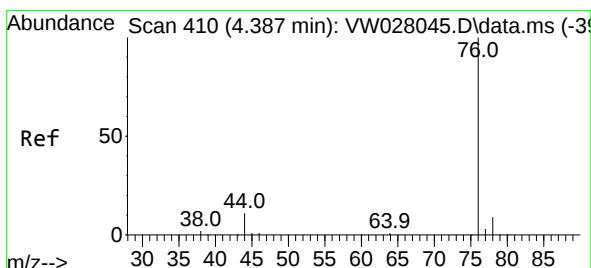
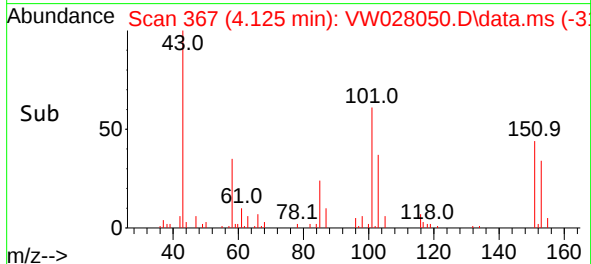
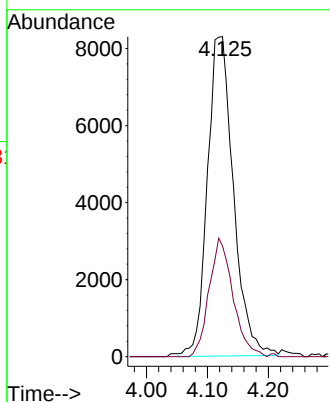
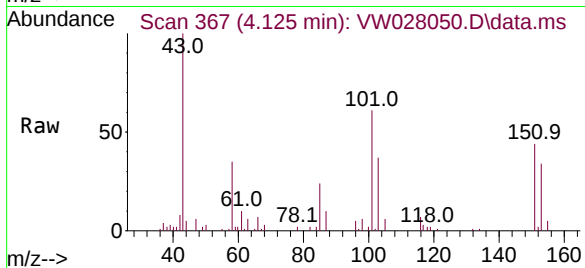
ClientSampleId :

Tgt Ion: 43 Resp: 24636

Ion Ratio Lower Upper

43 100

58 34.0 0.0 66.0



#14

Carbon disulfide

Concen: 18.077 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW028050.D

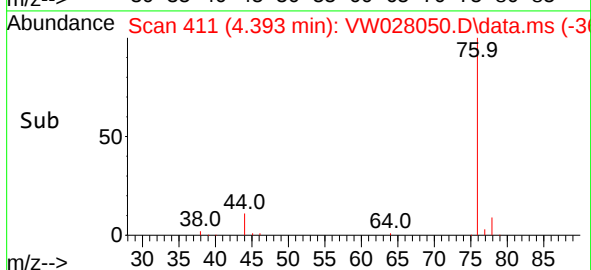
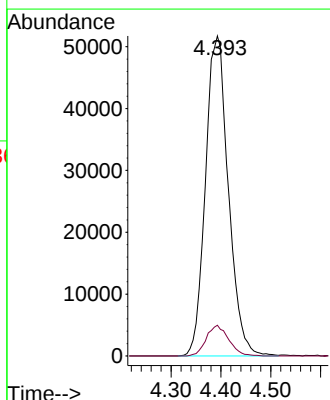
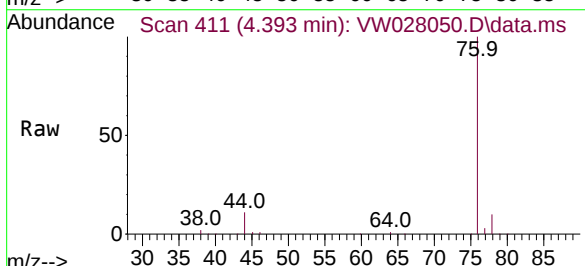
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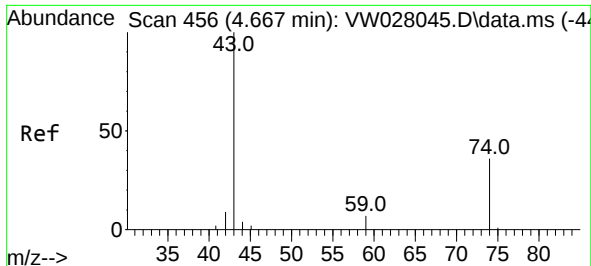
Tgt Ion: 76 Resp: 165041

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

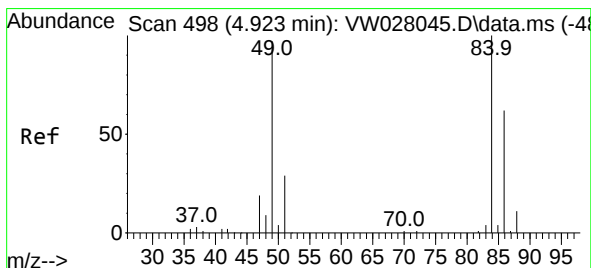
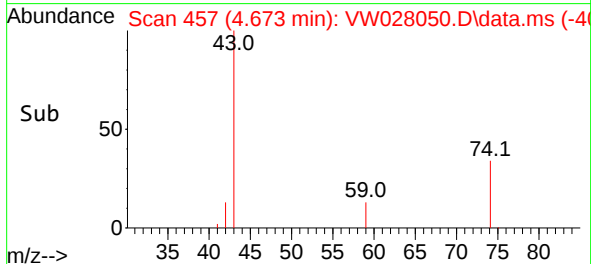
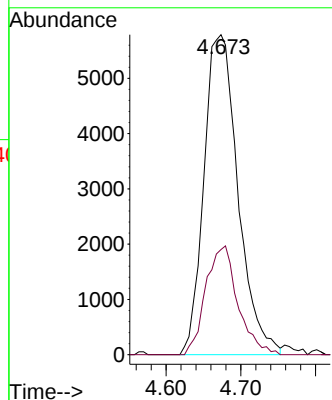
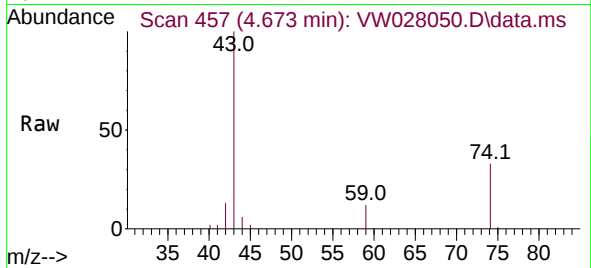




#15
Methyl Acetate
Concen: 22.048 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

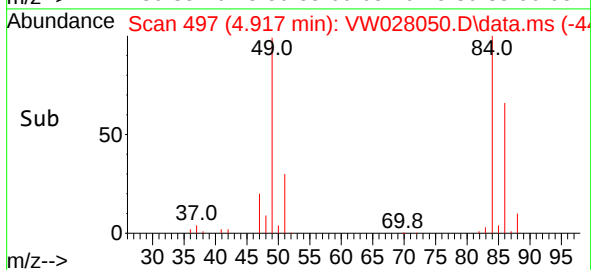
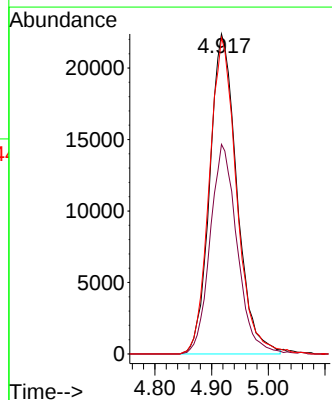
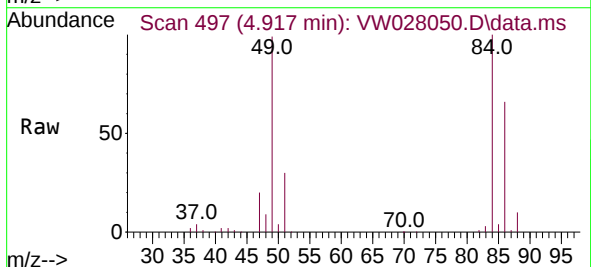
Instrument :
MSVOA_W
ClientSampleId :

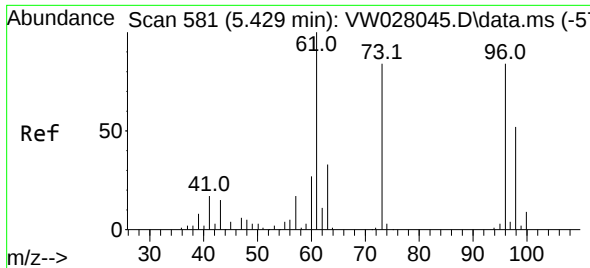
Tgt Ion: 43 Resp: 18338
Ion Ratio Lower Upper
43 100
74 32.0 24.2 36.2



#16
Methylene chloride
Concen: 21.077 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Tgt Ion: 84 Resp: 74377
Ion Ratio Lower Upper
84 100
86 65.5 45.4 84.4
49 98.9 66.3 123.1

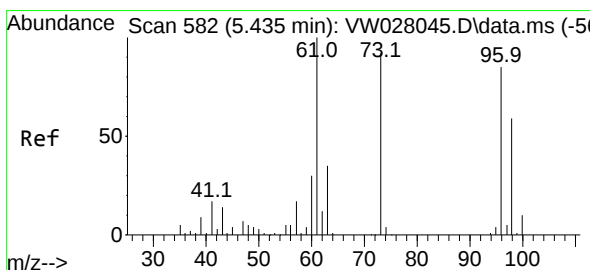
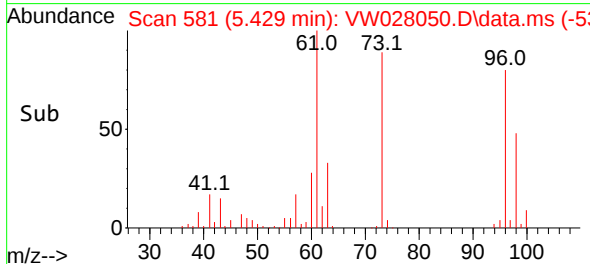
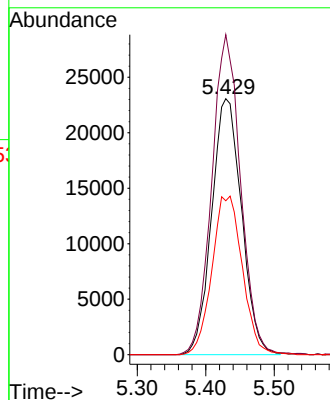
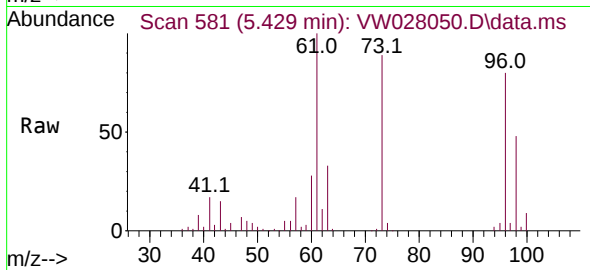




#17
trans-1,2-Dichloroethene
Concen: 21.099 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

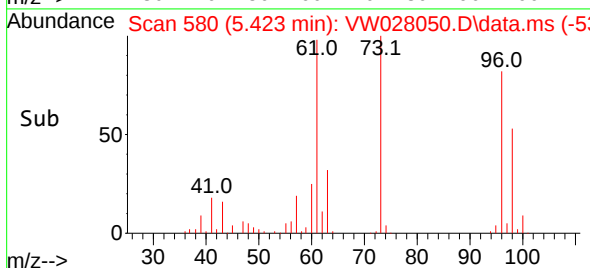
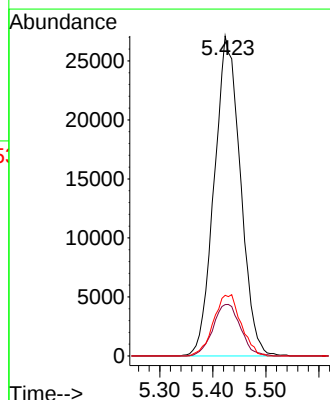
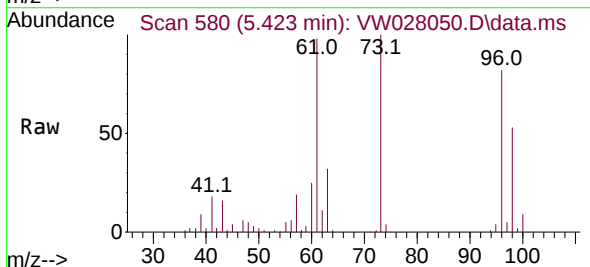
Instrument :
MSVOA_W
ClientSampleId :

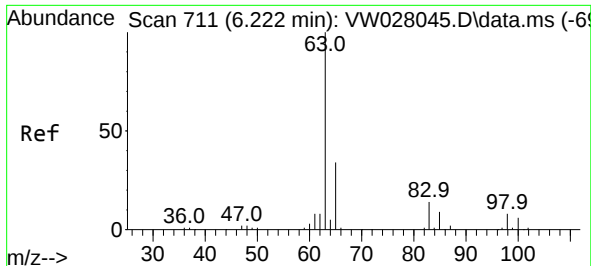
Tgt Ion: 96 Resp: 69910
Ion Ratio Lower Upper
96 100
61 125.0 80.1 148.7
98 60.2 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 23.635 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.012 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Tgt Ion: 73 Resp: 92837
Ion Ratio Lower Upper
73 100
43 16.8 13.4 20.0
57 11.7 16.3 24.5#





#19

1,1-Dichloroethane

Concen: 22.342 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

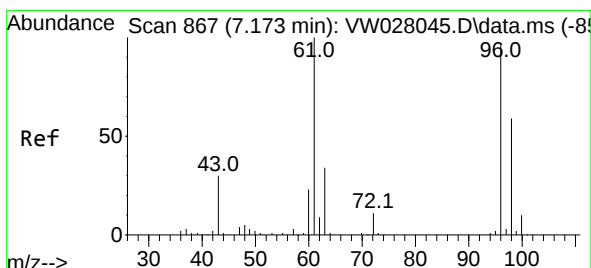
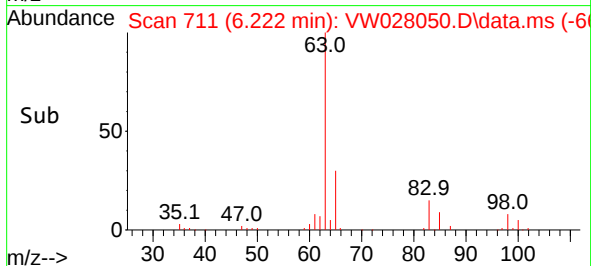
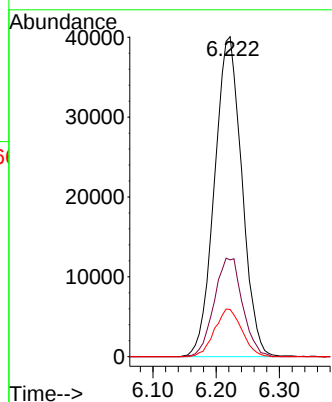
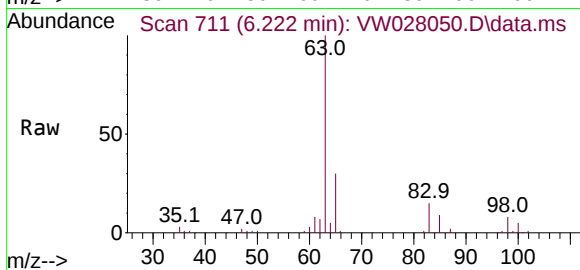
Tgt Ion: 63 Resp: 120259

Ion Ratio Lower Upper

63 100

65 30.3 23.1 42.9

83 14.7 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 22.381 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

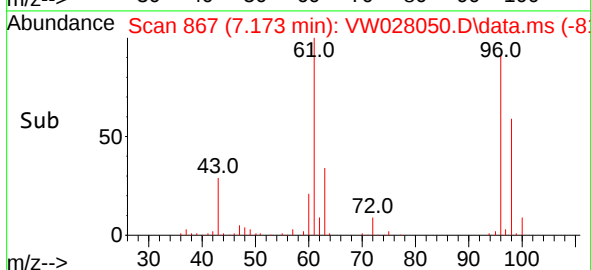
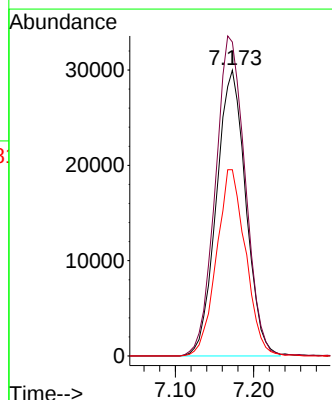
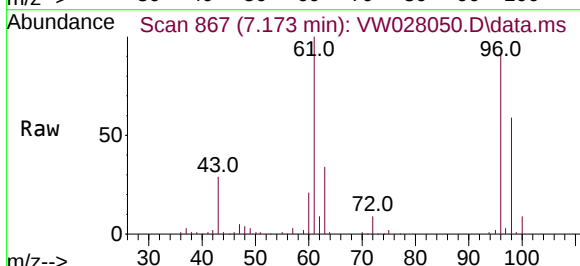
Tgt Ion: 96 Resp: 78308

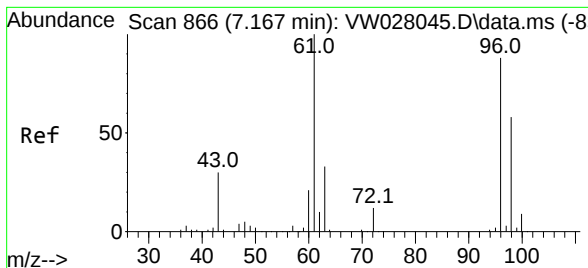
Ion Ratio Lower Upper

96 100

61 109.9 76.3 141.7

98 65.2 42.9 79.7





#22

2-Butanone

Concen: 49.479 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

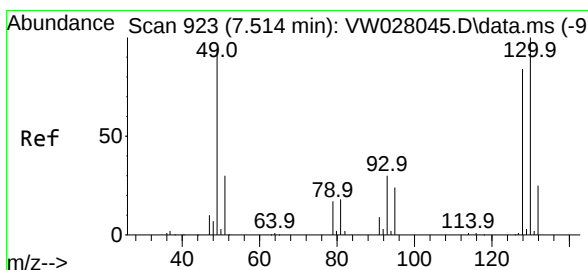
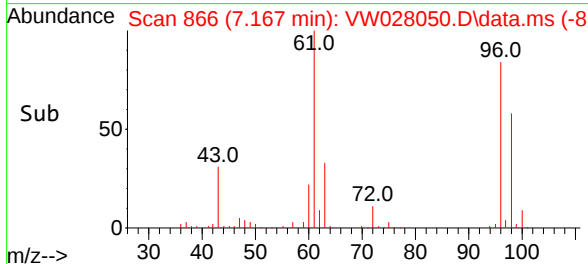
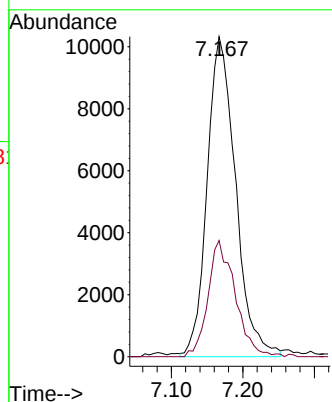
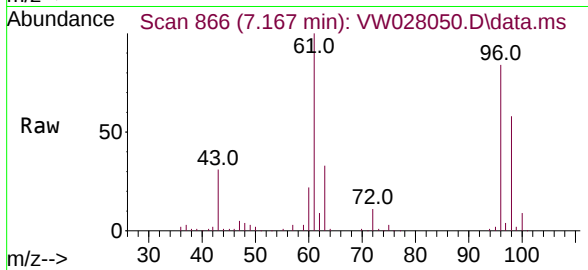
ClientSampleId :

Tgt Ion: 43 Resp: 28535

Ion Ratio Lower Upper

43 100

72 34.6 17.0 50.9



#23

Bromochloromethane

Concen: 22.386 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Tgt Ion:128 Resp: 34791

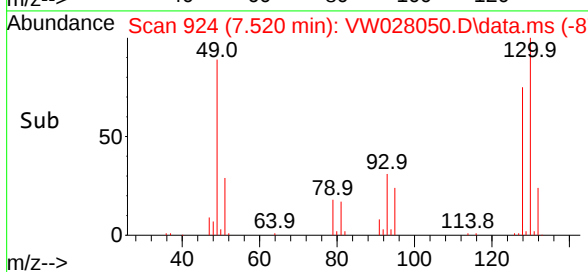
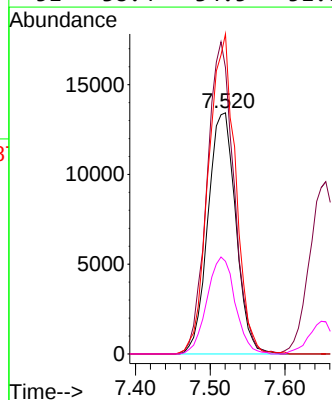
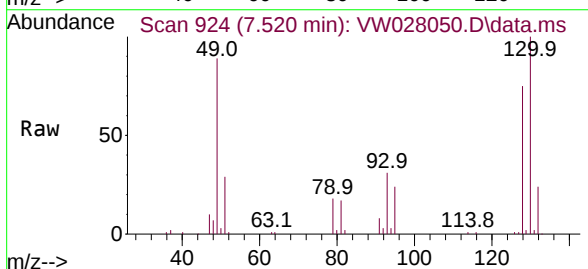
Ion Ratio Lower Upper

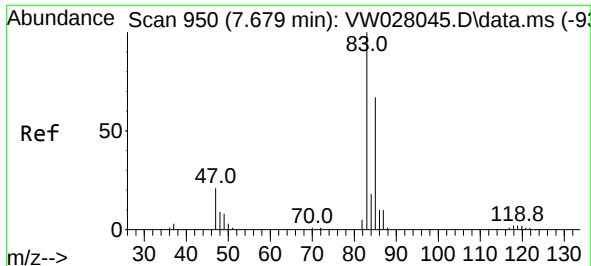
128 100

49 118.7 93.2 173.2

130 132.7 97.4 180.8

51 38.4 34.5 51.7

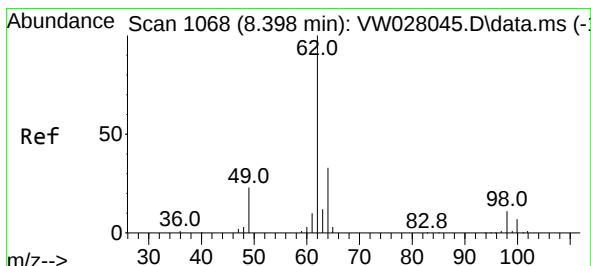
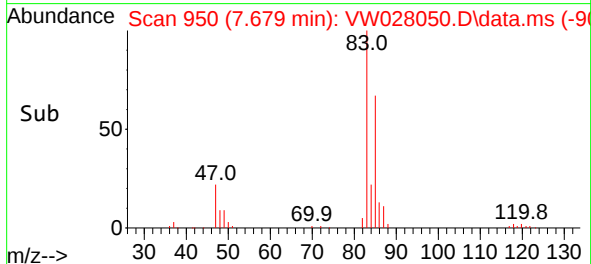
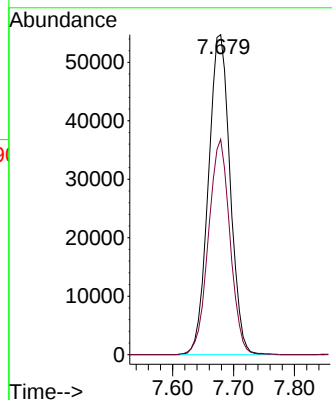
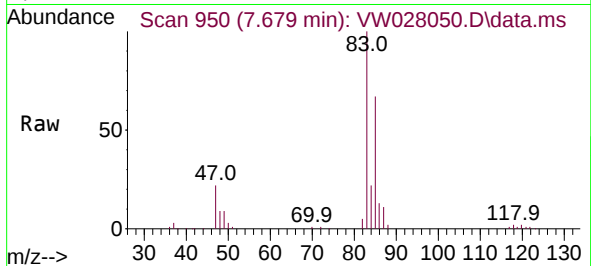




#25
Chloroform
Concen: 23.453 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

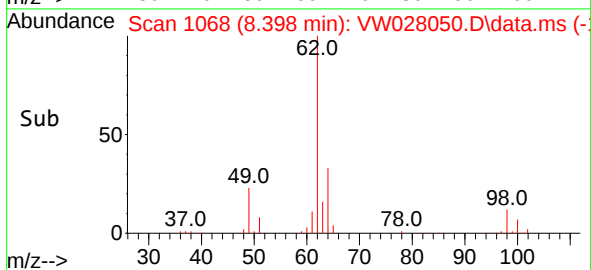
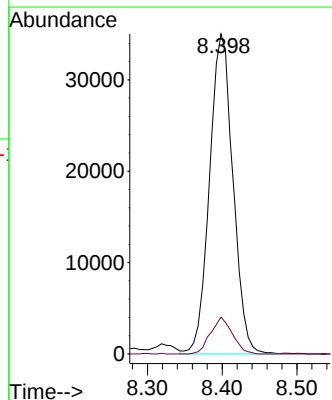
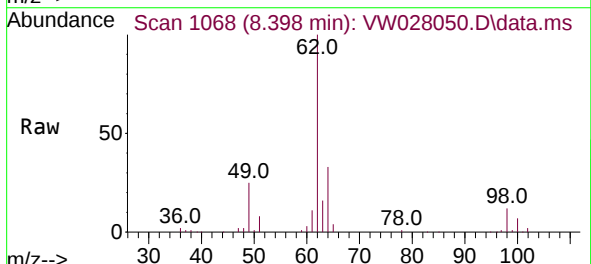
Instrument :
MSVOA_W
ClientSampleId :

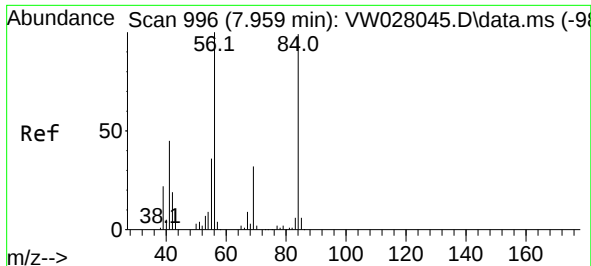
Tgt Ion: 83 Resp: 135709
Ion Ratio Lower Upper
83 100
85 67.3 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.702 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

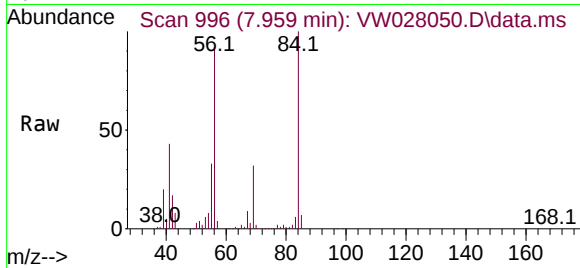
Tgt Ion: 62 Resp: 76376
Ion Ratio Lower Upper
62 100
98 11.5 9.4 14.2



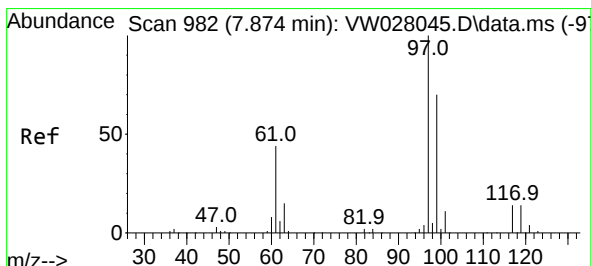
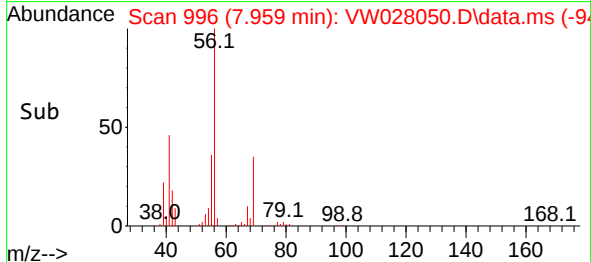
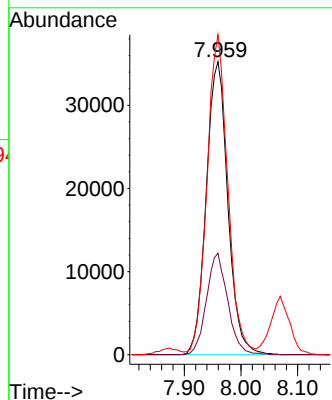


#29
Cyclohexane
Concen: 20.275 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Instrument :
MSVOA_W
ClientSampleId :

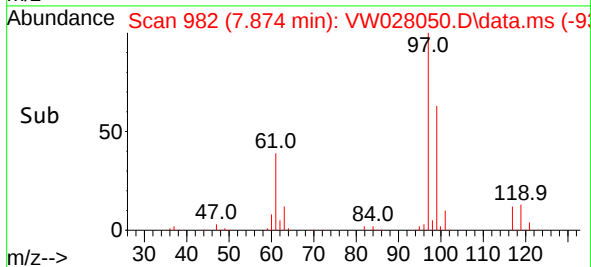
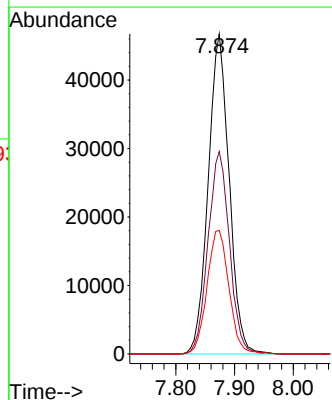
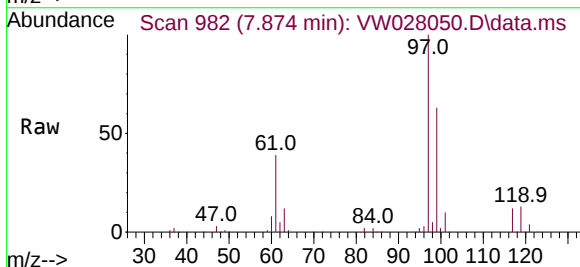


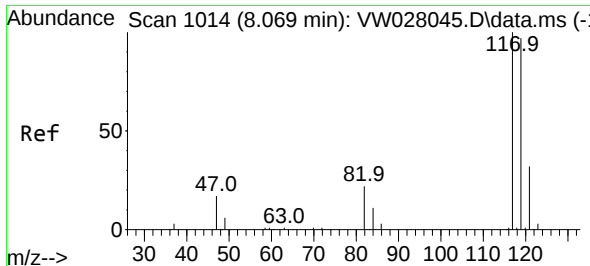
Tgt Ion:	56	Resp:	93424
Ion Ratio	Lower	Upper	
56	100		
69	33.7	26.3	39.5
84	105.4	81.6	122.4



#30
1,1,1-Trichloroethane
Concen: 23.194 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

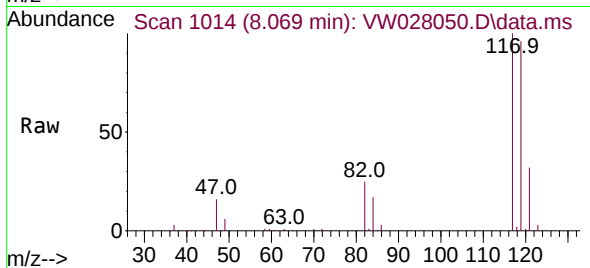
Tgt Ion:	97	Resp:	115749
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.4	77.0
61	40.3	32.9	49.3



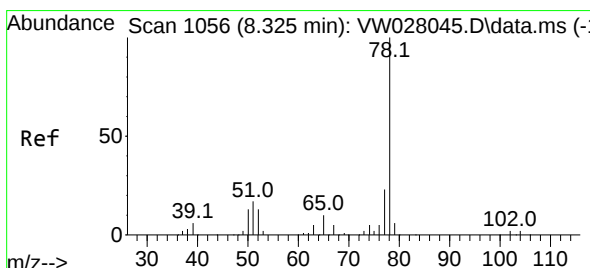
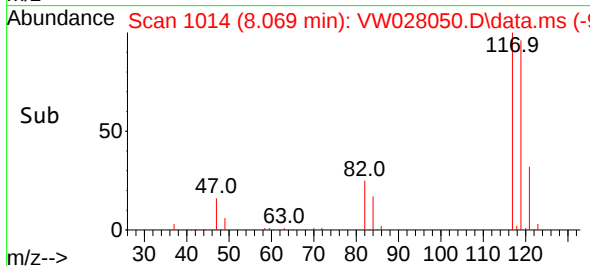
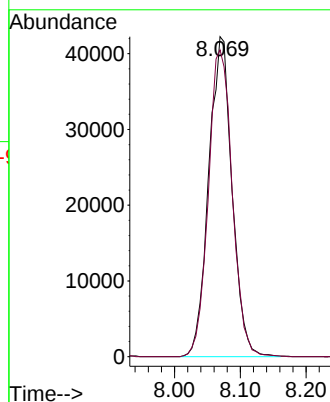


#31
Carbon tetrachloride
Concen: 22.596 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Instrument :
MSVOA_W
ClientSampleId :

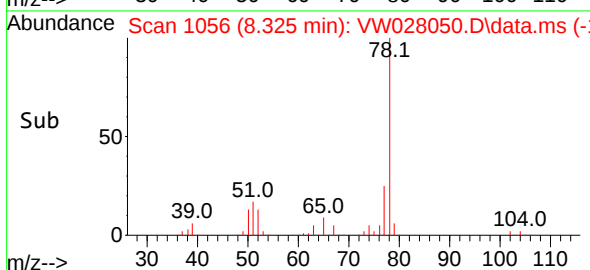
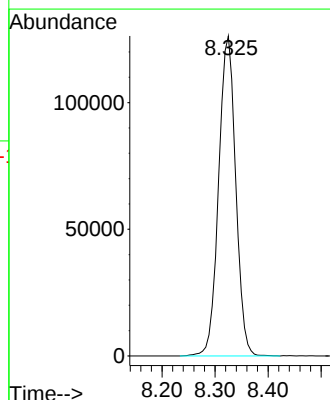
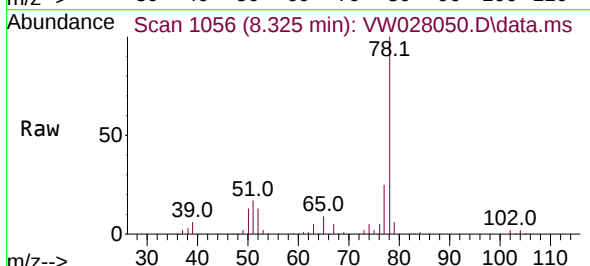


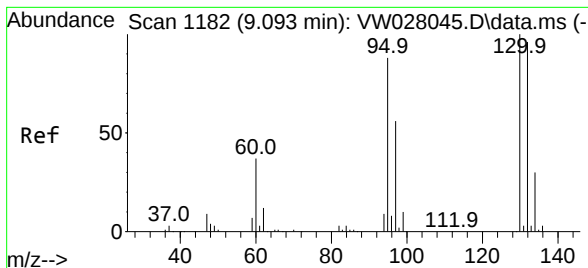
Tgt Ion:117 Resp: 104323
Ion Ratio Lower Upper
117 100
119 98.2 76.5 114.7



#33
Benzene
Concen: 21.876 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Tgt Ion: 78 Resp: 282470





#34

Trichloroethene

Concen: 21.558 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 79908

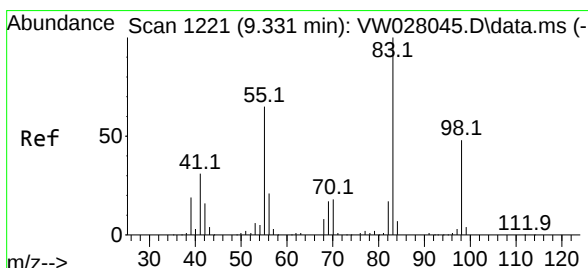
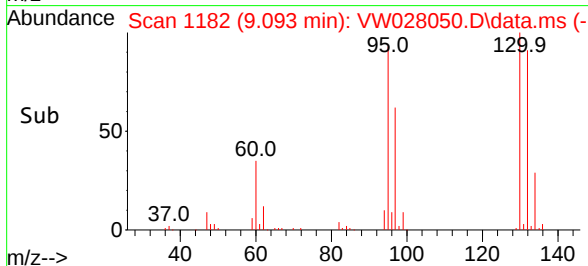
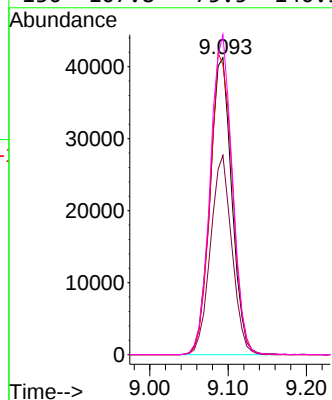
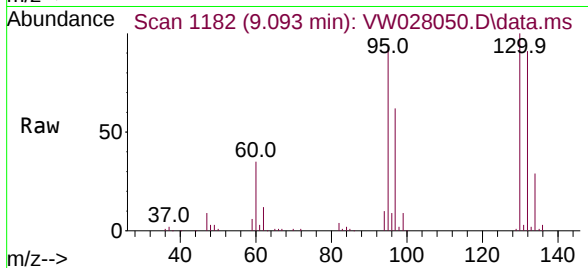
Ion Ratio Lower Upper

95 100

97 67.2 44.3 82.3

132 97.6 68.0 126.2

130 107.8 75.5 140.3



#35

Methylcyclohexane

Concen: 20.779 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

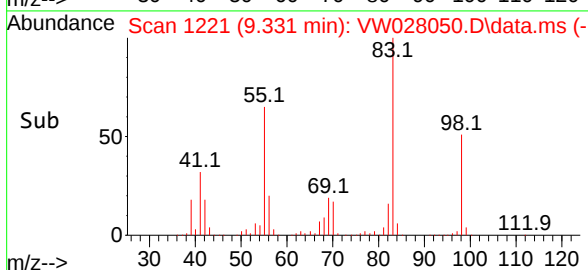
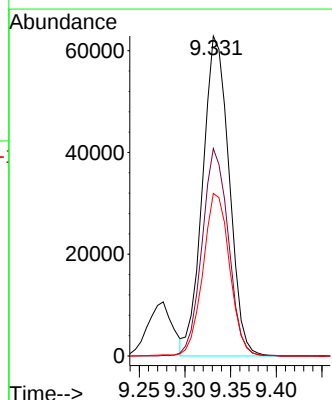
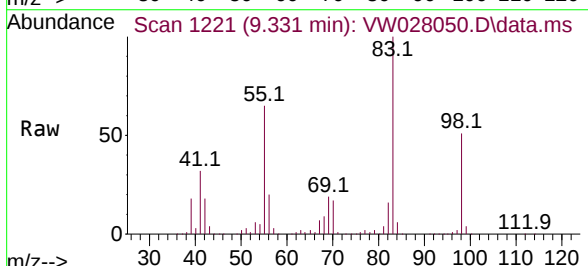
Tgt Ion: 83 Resp: 126746

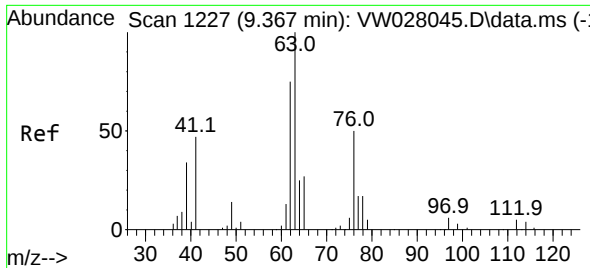
Ion Ratio Lower Upper

83 100

55 64.1 52.3 78.5

98 51.0 41.9 62.9





#37

1,2-Dichloropropane

Concen: 22.129 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

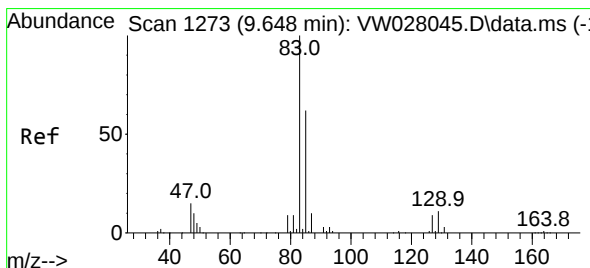
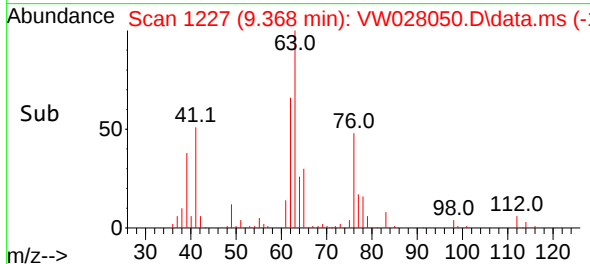
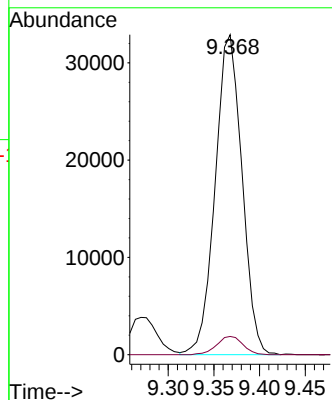
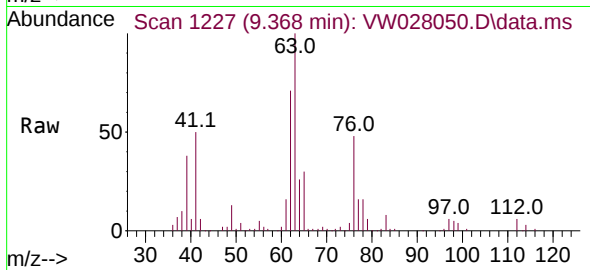
ClientSampleId :

Tgt Ion: 63 Resp: 67142

Ion Ratio Lower Upper

63 100

112 5.6 4.2 6.2



#38

Bromodichloromethane

Concen: 24.011 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

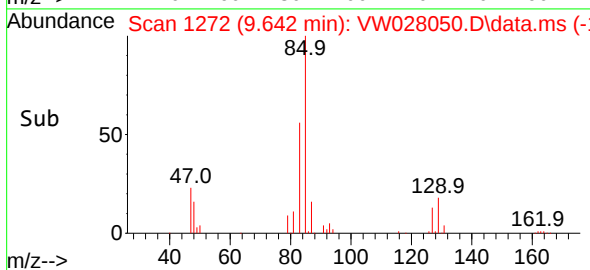
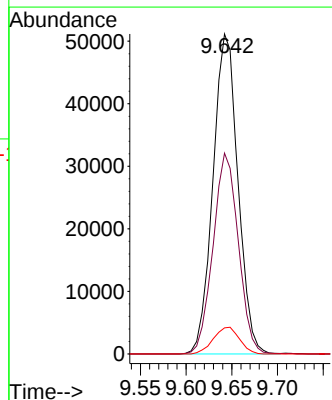
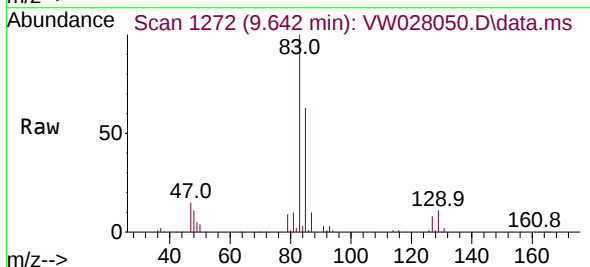
Tgt Ion: 83 Resp: 97245

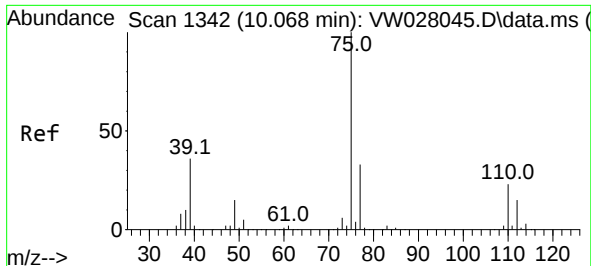
Ion Ratio Lower Upper

83 100

85 62.7 44.7 83.1

127 8.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 22.766 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

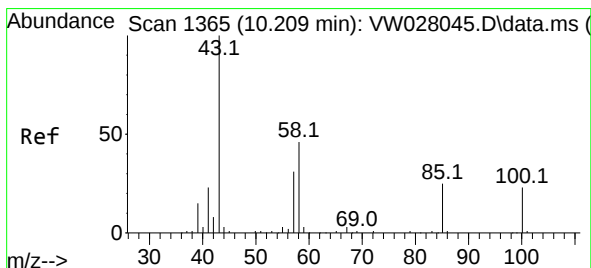
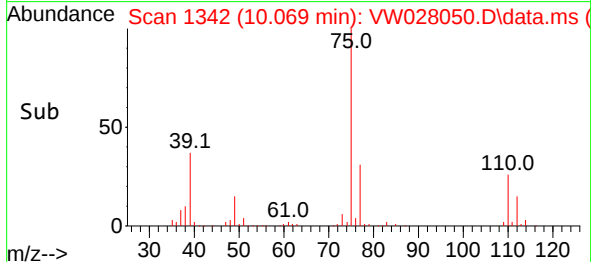
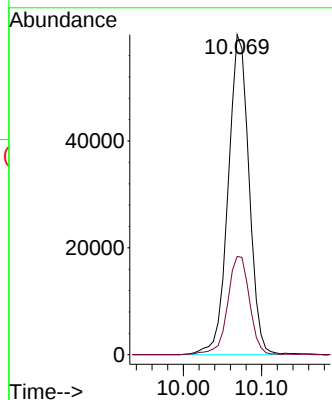
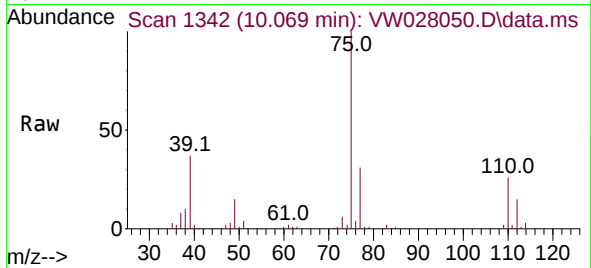
ClientSampleId :

Tgt Ion: 75 Resp: 110715

Ion Ratio Lower Upper

75 100

77 30.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 47.892 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

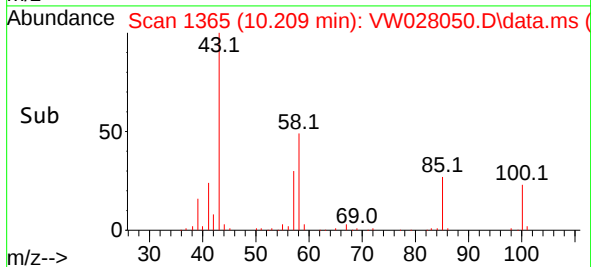
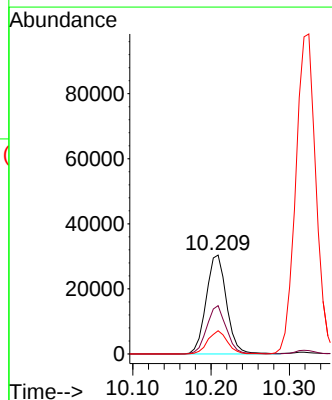
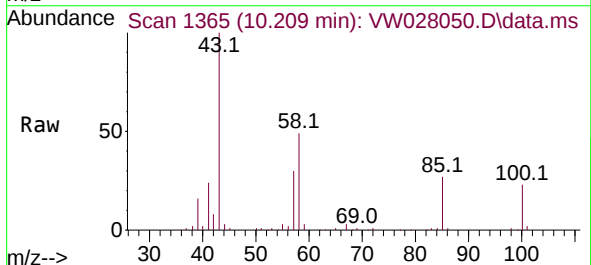
Tgt Ion: 43 Resp: 54846

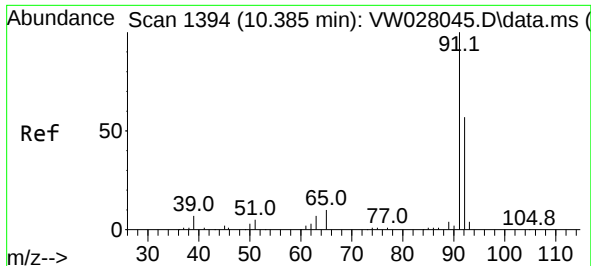
Ion Ratio Lower Upper

43 100

58 47.0 36.7 55.1

100 22.4 18.4 27.6

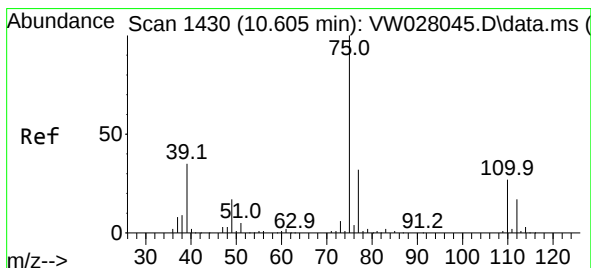
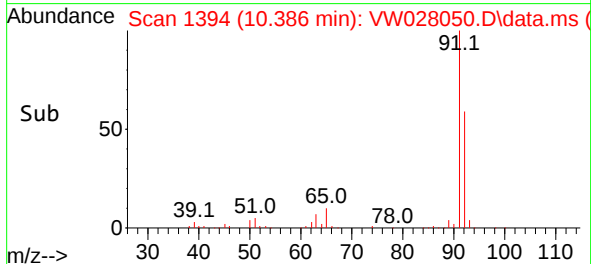
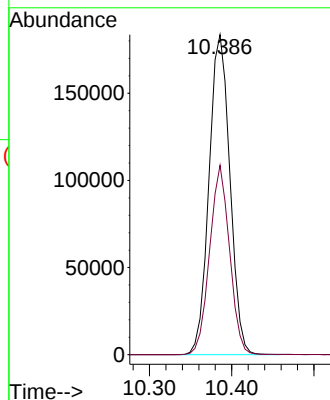
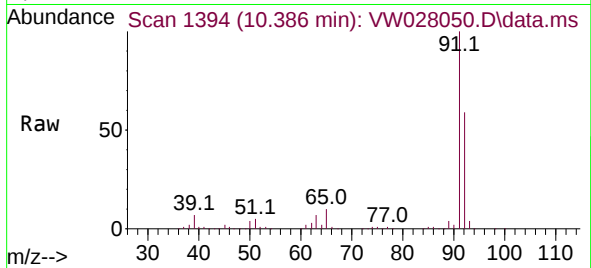




#42
Toluene
Concen: 22.358 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

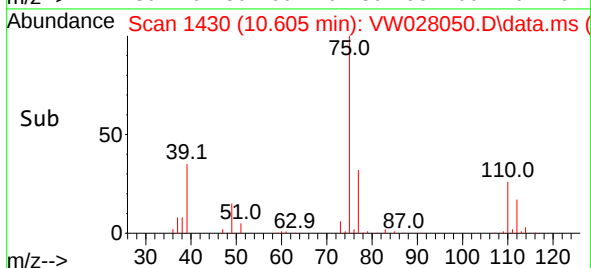
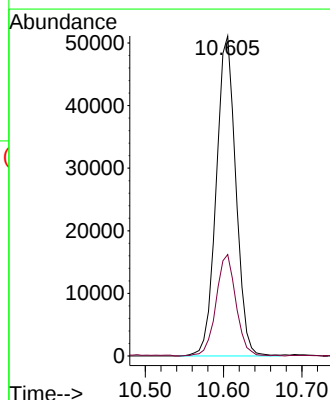
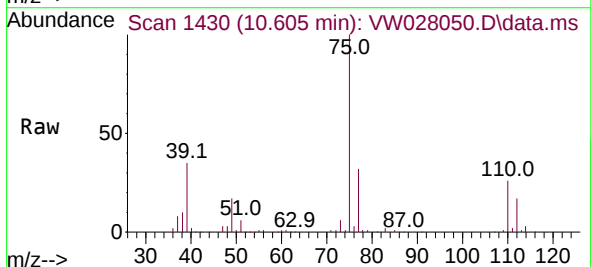
Instrument :
MSVOA_W
ClientSampleId :

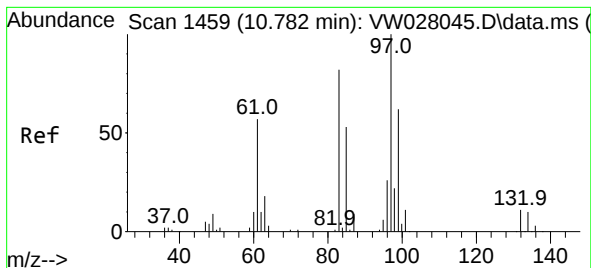
Tgt Ion: 91 Resp: 323684
Ion Ratio Lower Upper
91 100
92 59.2 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 23.031 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Tgt Ion: 75 Resp: 88899
Ion Ratio Lower Upper
75 100
77 31.7 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 23.066 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 55396

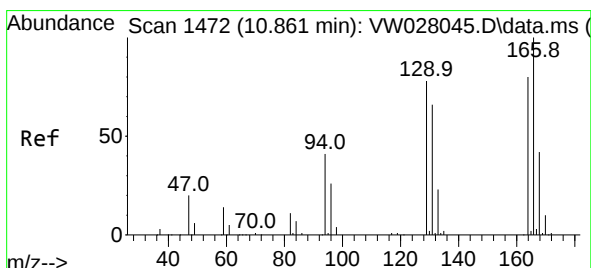
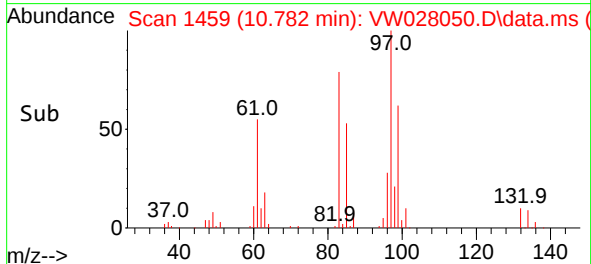
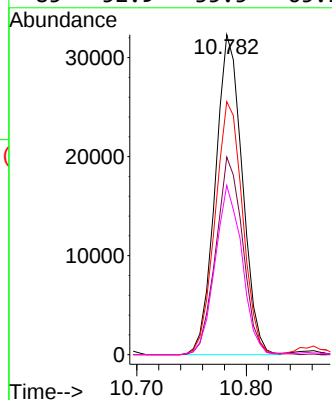
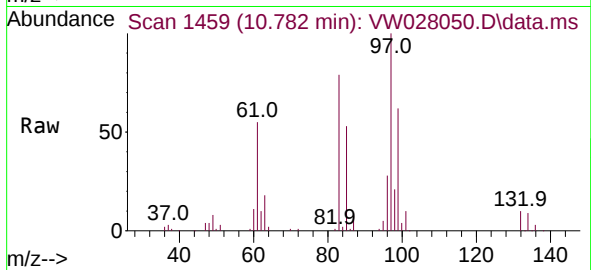
Ion Ratio Lower Upper

97 100

99 61.8 43.3 80.5

83 79.1 57.2 106.2

85 52.9 35.5 65.9



#46

Tetrachloroethene

Concen: 22.152 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Tgt Ion:164 Resp: 69091

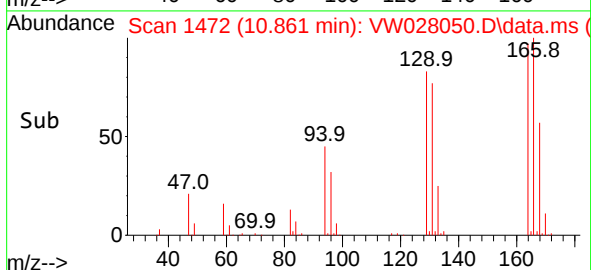
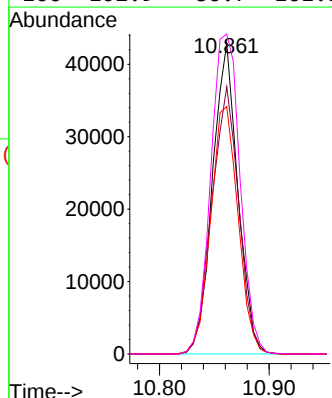
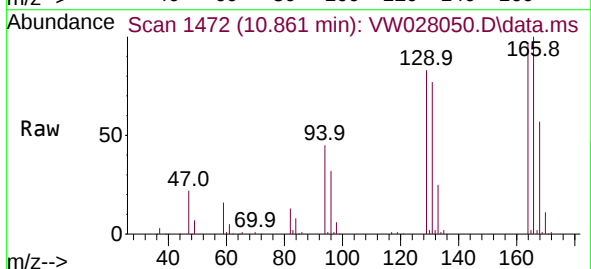
Ion Ratio Lower Upper

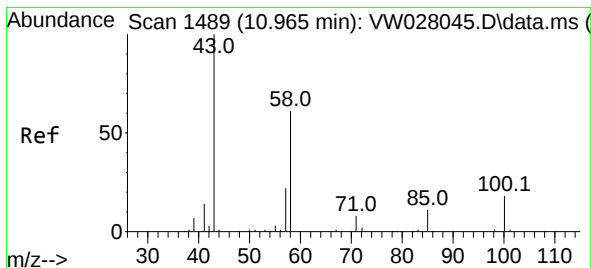
164 100

129 85.9 59.4 110.2

131 79.6 65.0 120.6

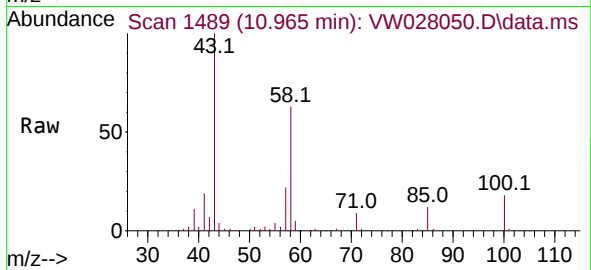
166 102.9 86.7 161.1



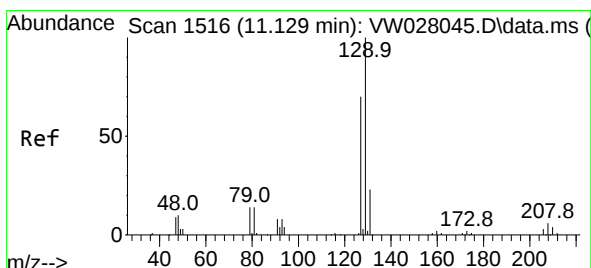
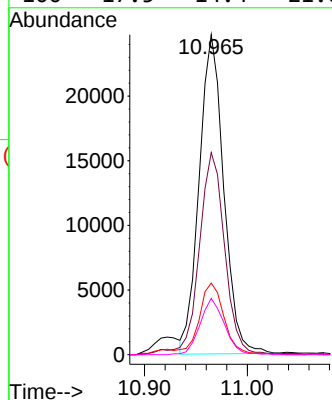
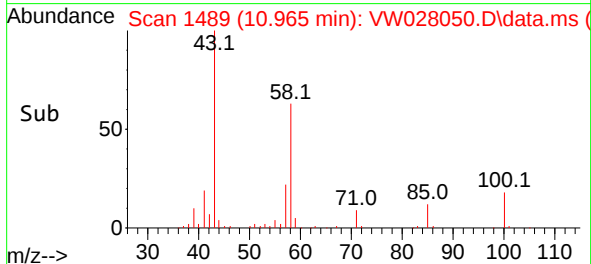


#48
2-Hexanone
Concen: 47.274 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Instrument :
MSVOA_W
ClientSampleId :

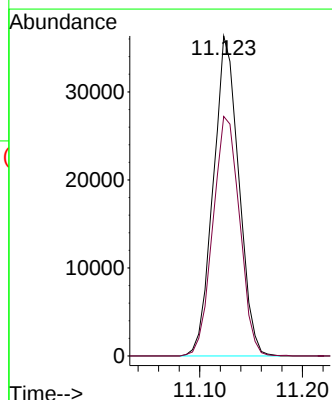
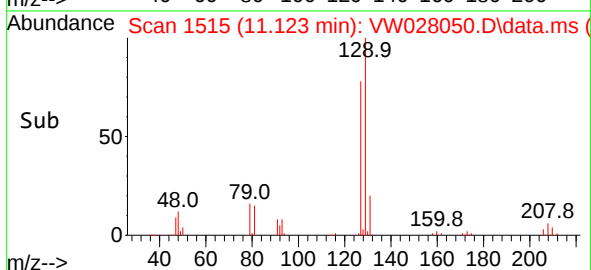
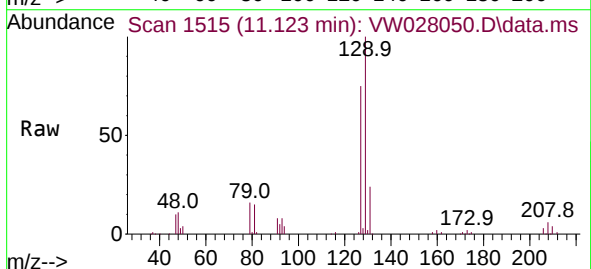


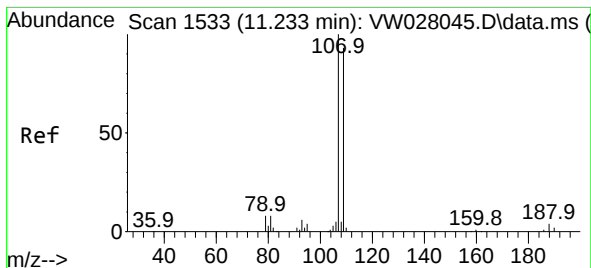
Tgt Ion: 43 Resp: 41006
Ion Ratio Lower Upper
43 100
58 64.8 51.4 77.2
57 22.1 17.4 26.2
100 17.5 14.4 21.6



#49
Dibromochloromethane
Concen: 22.880 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

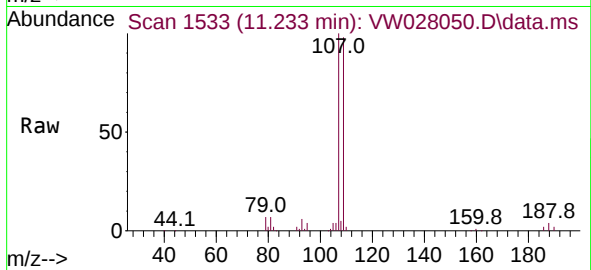
Tgt Ion: 129 Resp: 62646
Ion Ratio Lower Upper
129 100
127 74.9 49.6 92.0



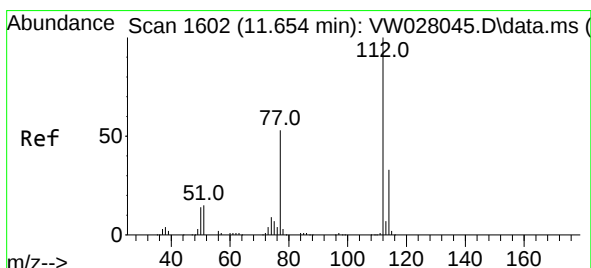
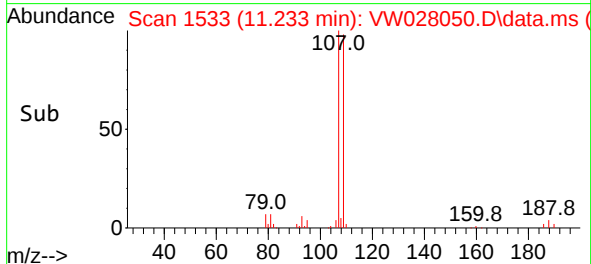
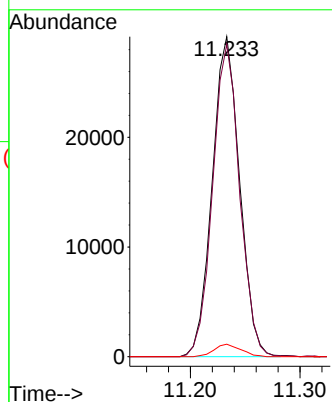


#50
1,2-Dibromoethane
Concen: 22.641 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Instrument :
MSVOA_W
ClientSampleId :

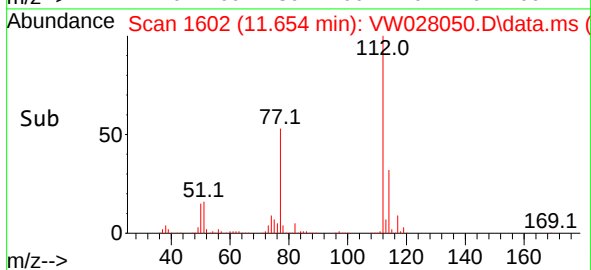
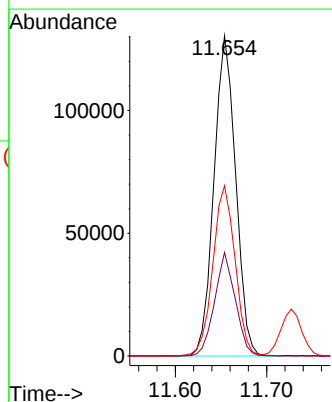
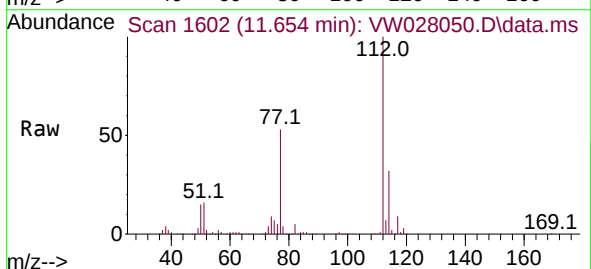


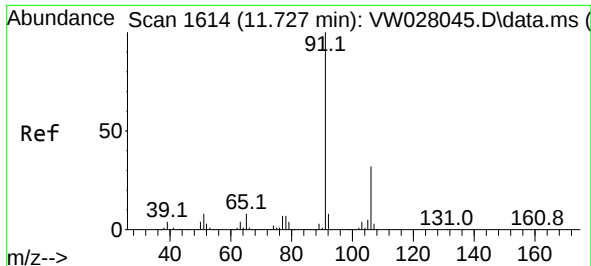
Tgt Ion:107 Resp: 50755
Ion Ratio Lower Upper
107 100
109 97.6 71.2 132.2
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 22.327 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Tgt Ion:112 Resp: 214982
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.3
77 53.2 42.6 64.0

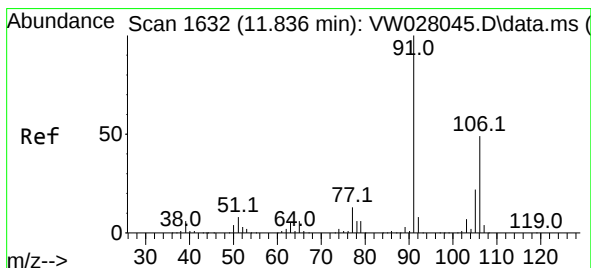
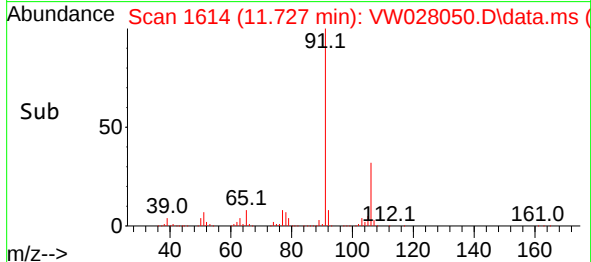
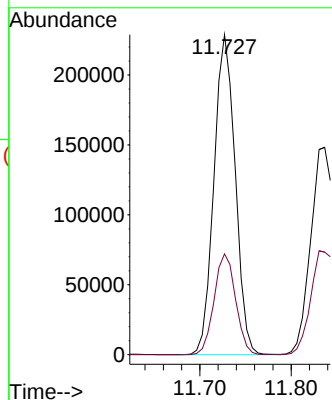
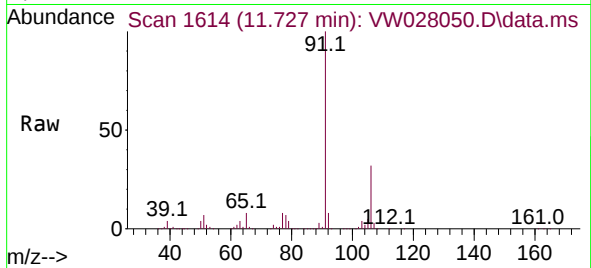




#52
Ethylbenzene
Concen: 22.696 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

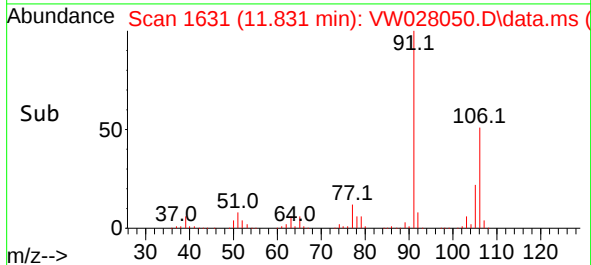
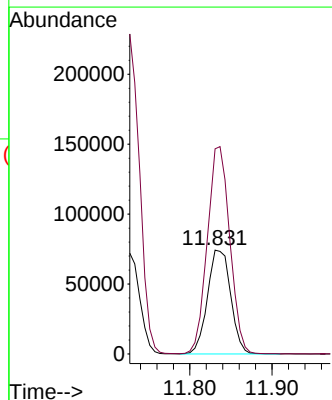
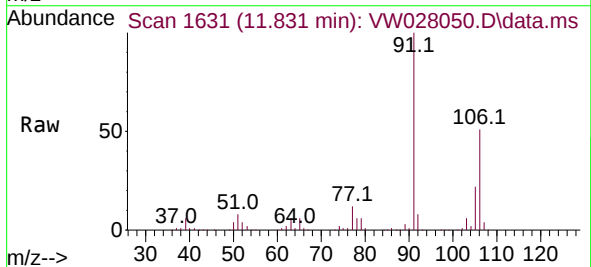
Instrument :
MSVOA_W
ClientSampleId :

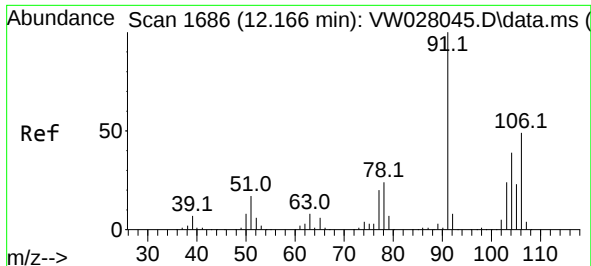
Tgt Ion: 91 Resp: 370457
Ion Ratio Lower Upper
91 100
106 31.5 22.8 42.4



#53
m,p-Xylene
Concen: 22.797 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Tgt Ion:106 Resp: 145934
Ion Ratio Lower Upper
106 100
91 197.6 130.0 241.4

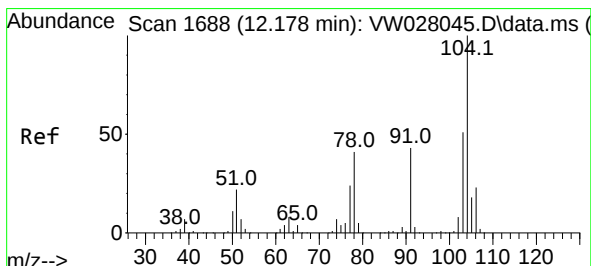
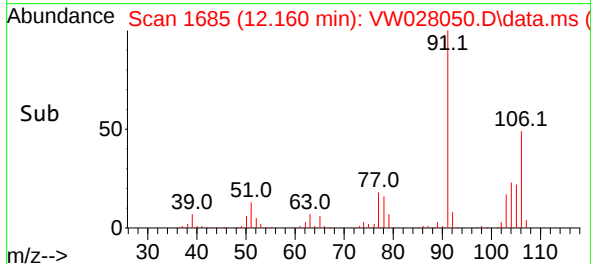
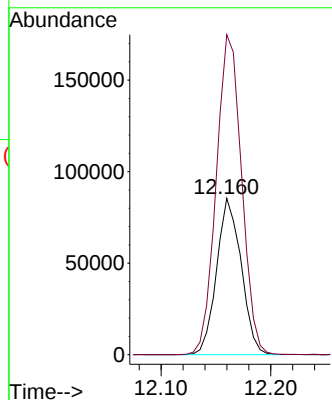
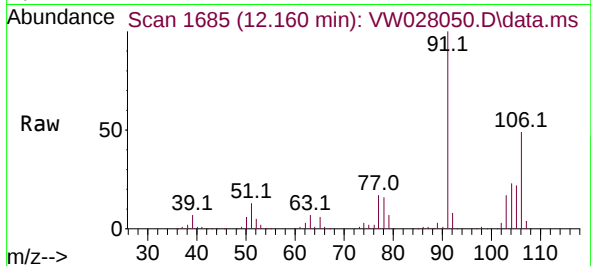




#54
o-Xylene
Concen: 22.169 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

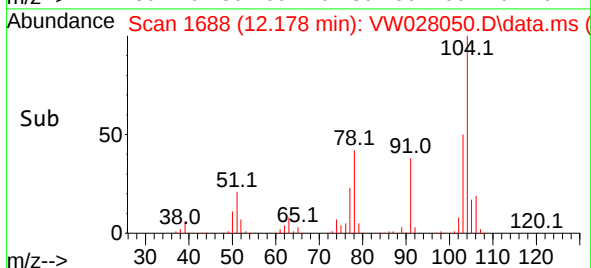
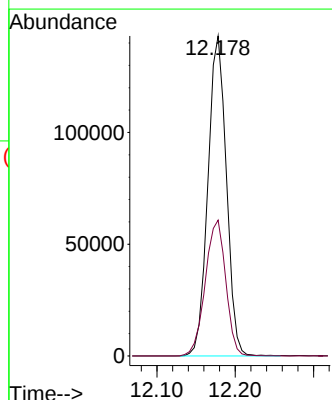
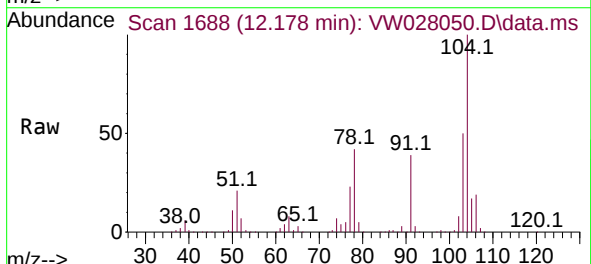
Instrument :
MSVOA_W
ClientSampleId :

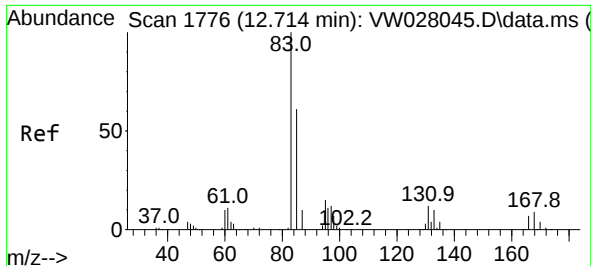
Tgt Ion:106 Resp: 133098
Ion Ratio Lower Upper
106 100
91 204.8 146.4 272.0



#55
Styrene
Concen: 23.399 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Tgt Ion:104 Resp: 233990
Ion Ratio Lower Upper
104 100
78 42.5 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 22.847 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028050.D

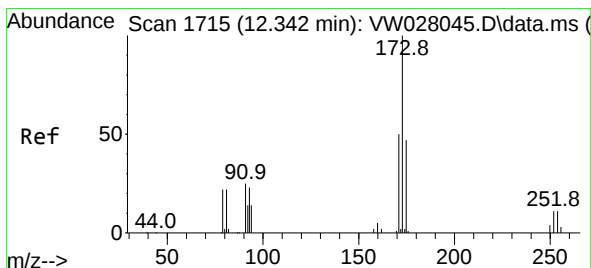
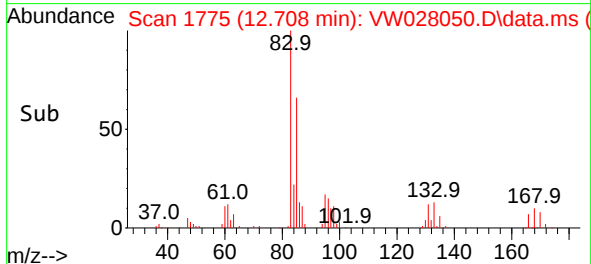
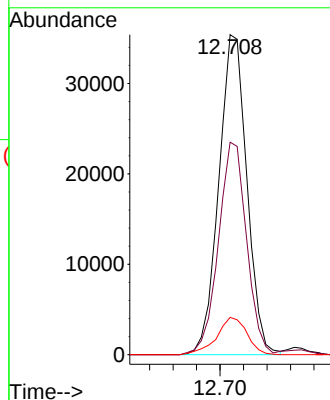
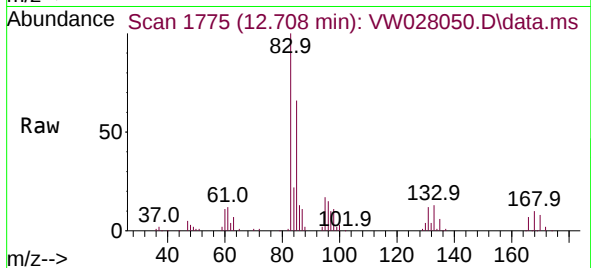
Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 58758
Ion Ratio	Lower Upper
83	100
85	66.4 42.9 79.7
131	11.7 8.7 13.1



#59

Bromoform

Concen: 23.013 ug/L

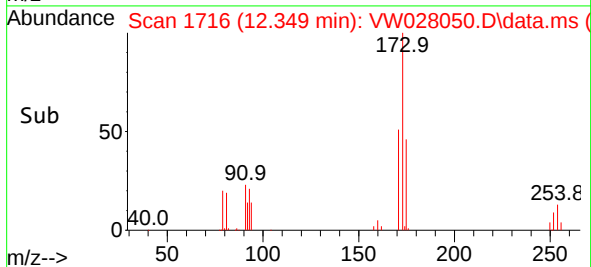
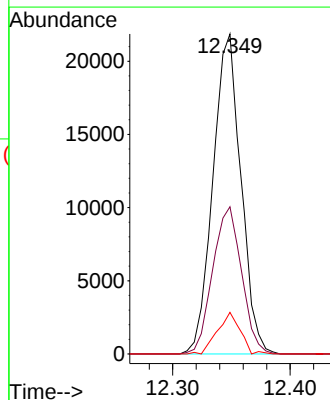
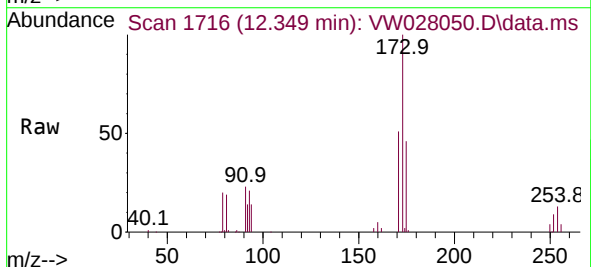
RT: 12.349 min Scan# 1716

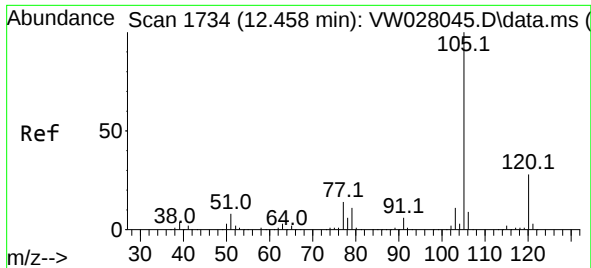
Delta R.T. 0.006 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Tgt Ion: 173	Resp: 36174
Ion Ratio	Lower Upper
173	100
175	47.4 37.8 56.8
254	10.3 8.4 12.6

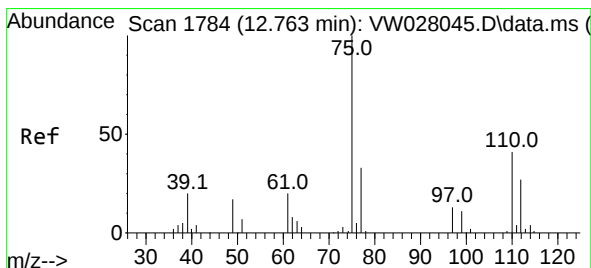
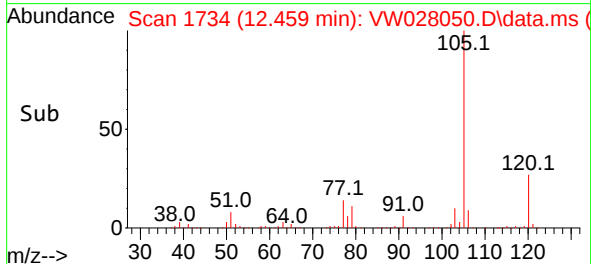
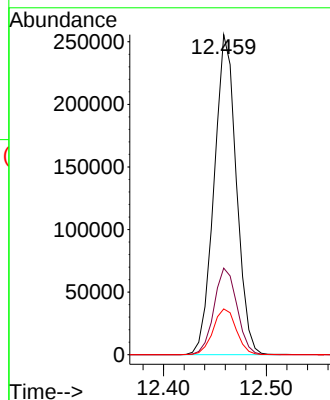
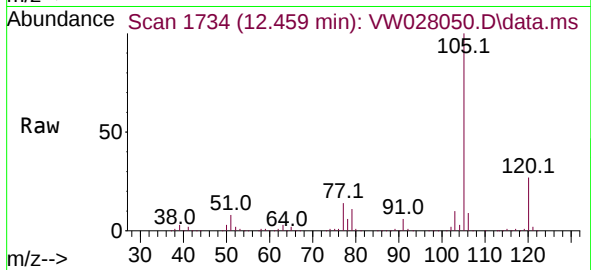




#60
Isopropylbenzene
Concen: 23.102 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

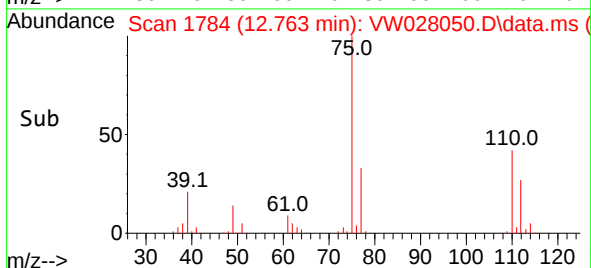
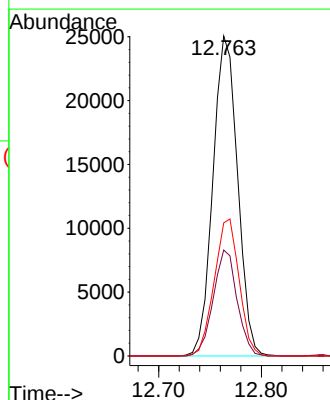
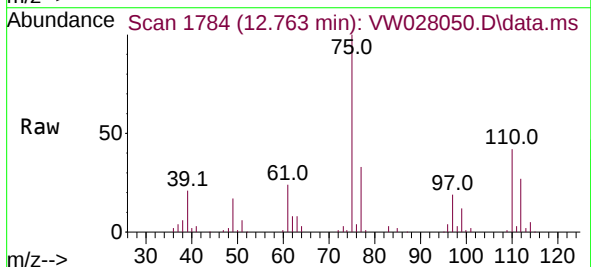
Instrument :
MSVOA_W
ClientSampleId :

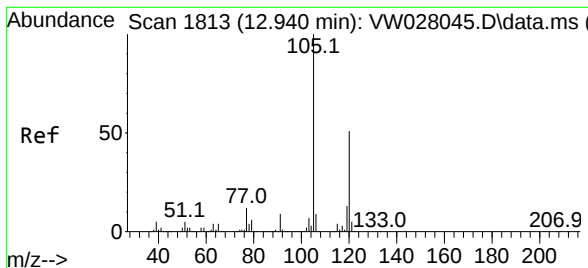
Tgt Ion:105 Resp: 384155
Ion Ratio Lower Upper
105 100
120 27.8 22.2 33.2
77 14.9 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 23.506 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

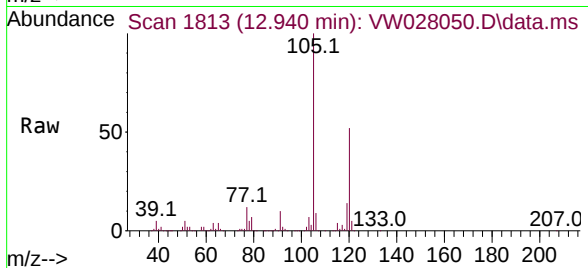
Tgt Ion: 75 Resp: 41779
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7
110 43.1 35.8 53.8



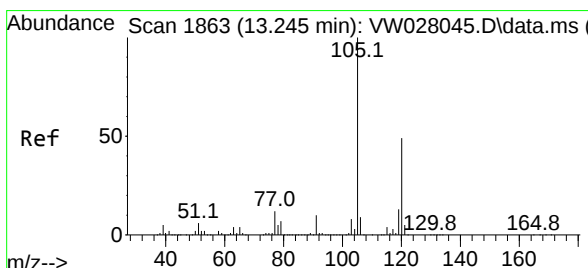
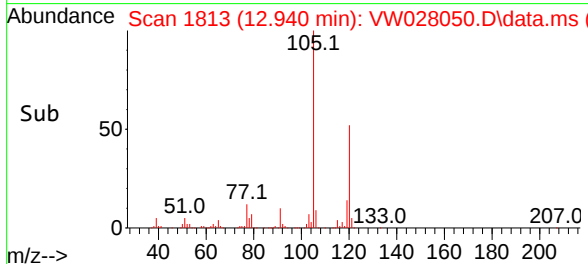
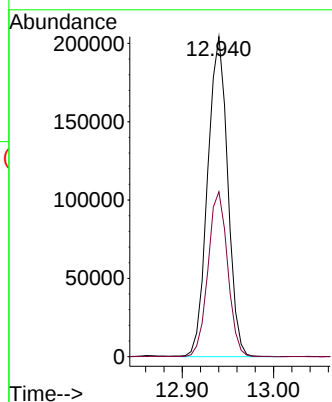


#62
1,3,5-Trimethylbenzene
Concen: 23.353 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

Instrument :
MSVOA_W
ClientSampleId :

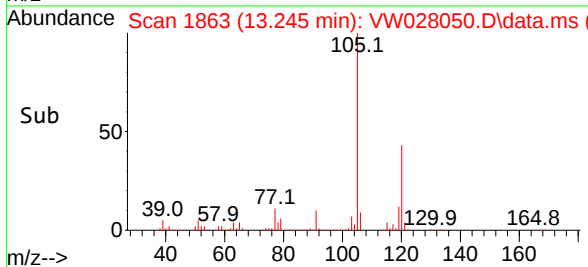
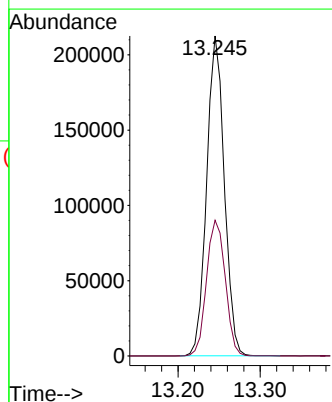
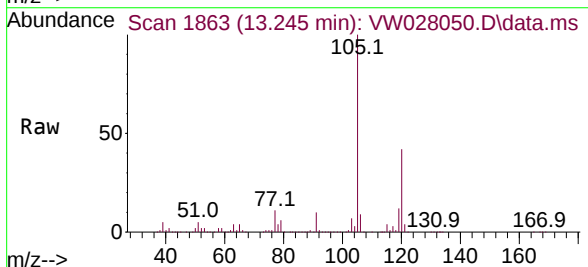


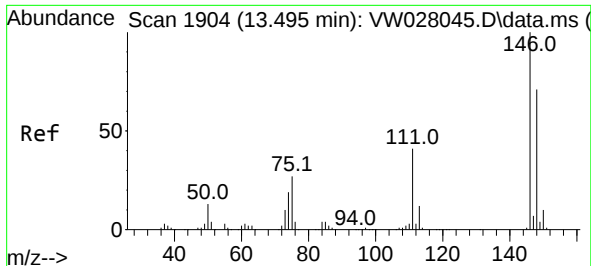
Tgt Ion:105 Resp: 310759
Ion Ratio Lower Upper
105 100
120 50.4 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 24.355 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

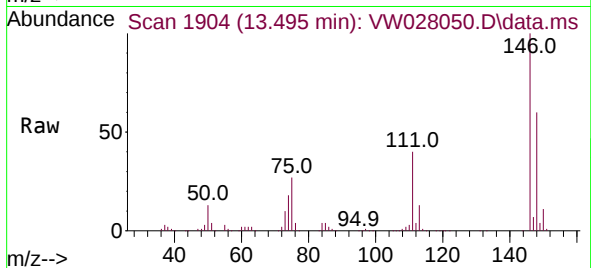
Tgt Ion:105 Resp: 317144
Ion Ratio Lower Upper
105 100
120 44.9 36.4 54.6



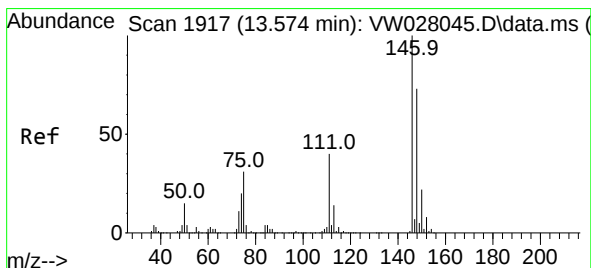
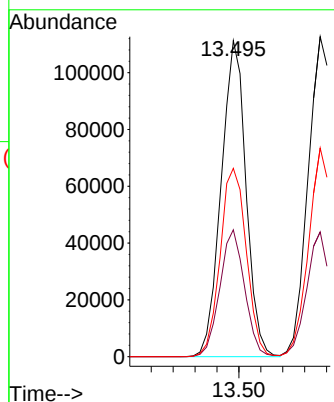
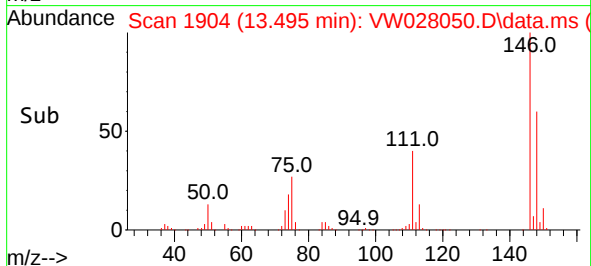


#64
1,3-Dichlorobenzene
Concen: 22.907 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24

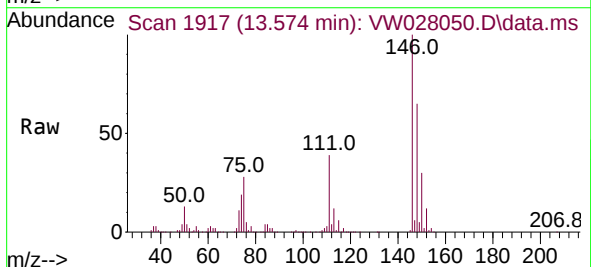
Instrument :
MSVOA_W
ClientSampleId :



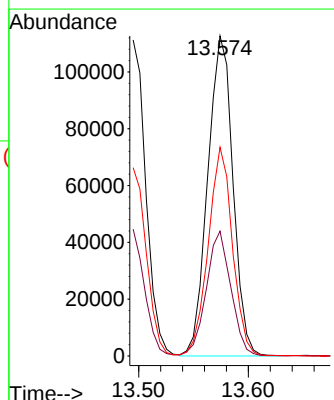
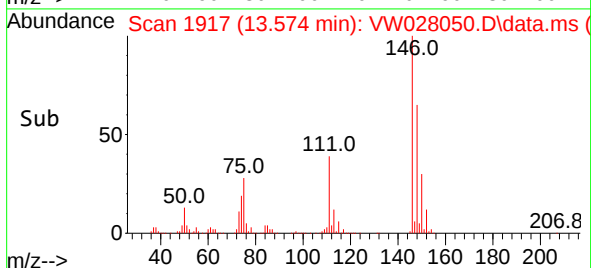
Tgt Ion:146 Resp: 174984
Ion Ratio Lower Upper
146 100
111 40.1 26.9 49.9
148 59.6 41.2 76.6

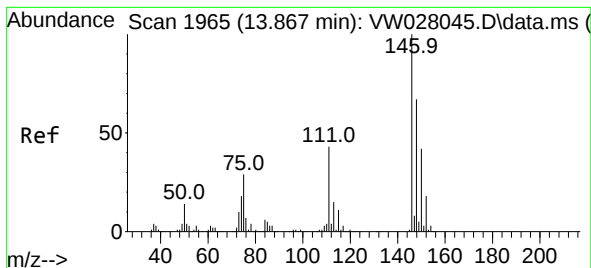


#65
1,4-Dichlorobenzene
Concen: 23.188 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028050.D
Acq: 21 Feb 2024 16:24



Tgt Ion:146 Resp: 180097
Ion Ratio Lower Upper
146 100
111 39.0 24.1 44.8
148 65.2 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 23.303 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

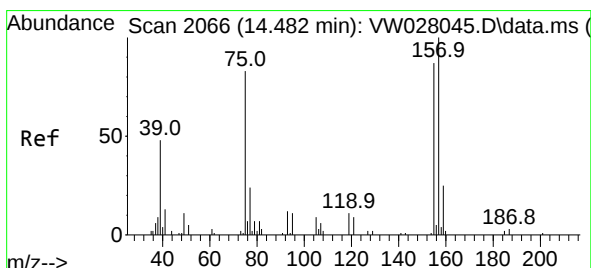
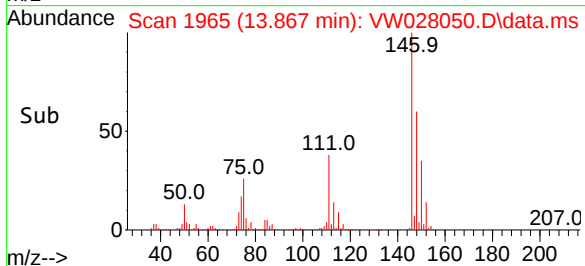
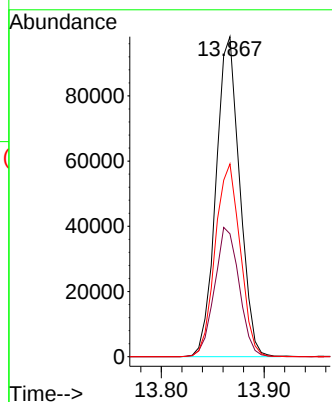
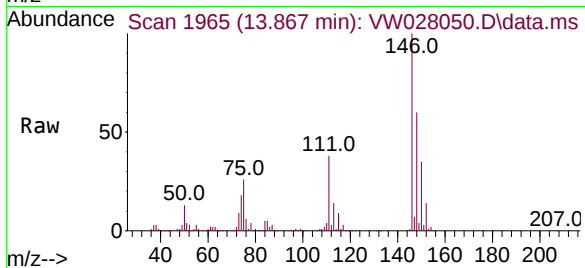
Tgt Ion:146 Resp: 157228

Ion Ratio Lower Upper

146 100

111 38.4 30.6 46.0

148 60.2 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 24.334 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

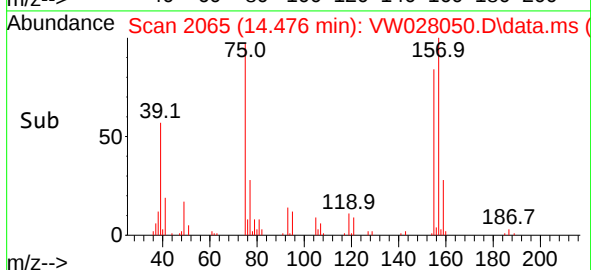
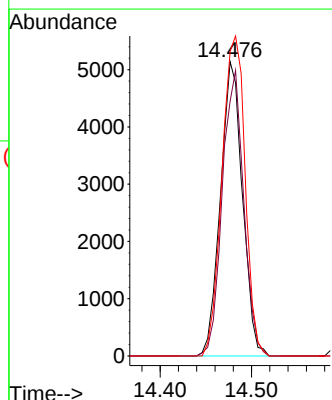
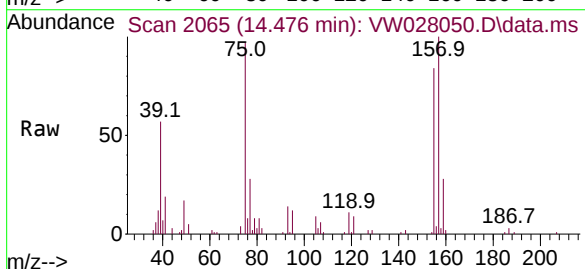
Tgt Ion: 75 Resp: 8587

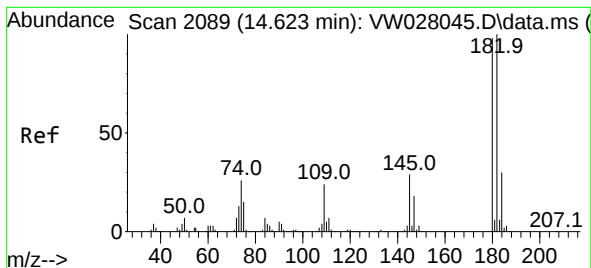
Ion Ratio Lower Upper

75 100

155 86.5 68.7 103.1

157 103.5 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 23.512 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

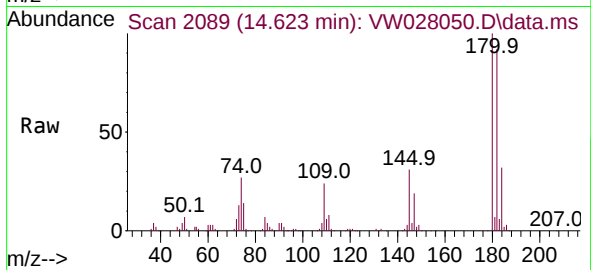
Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 128968

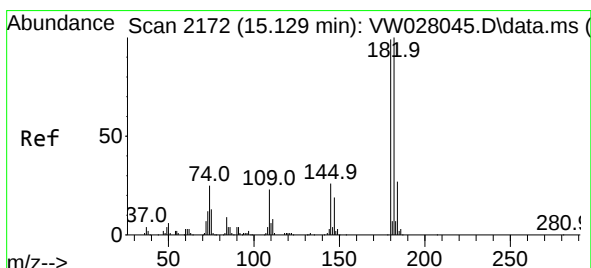
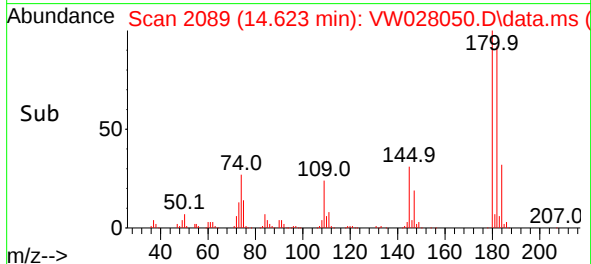
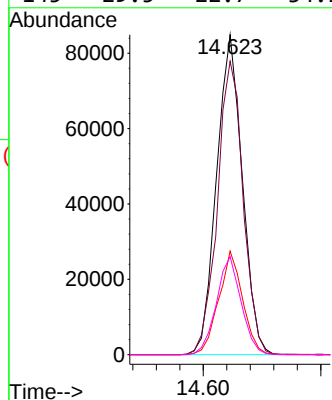
Ion Ratio Lower Upper

180 100

182 92.0 72.1 108.1

184 30.2 24.4 36.6

145 29.5 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 22.537 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

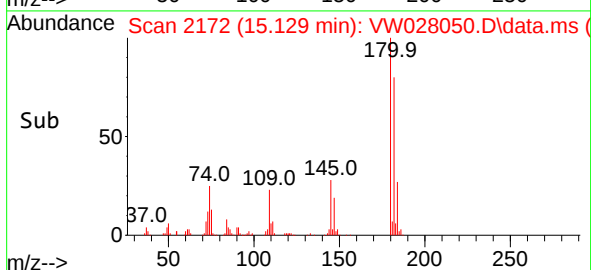
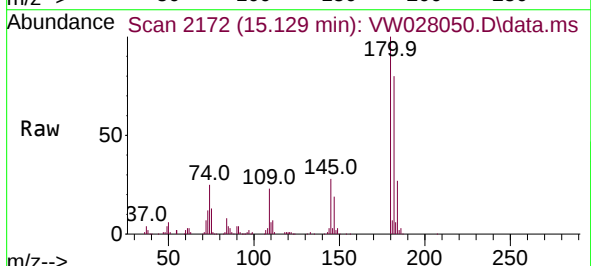
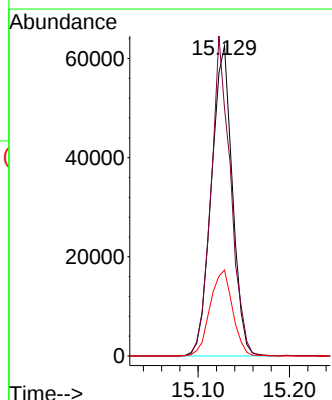
Tgt Ion:180 Resp: 99830

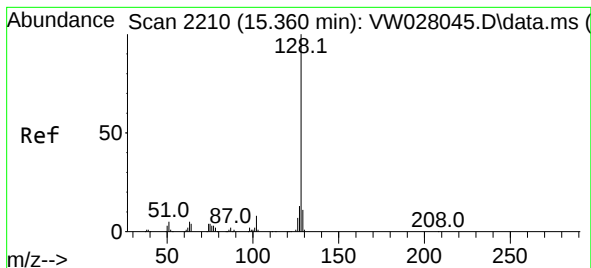
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

145 29.7 23.4 35.0





#71

Naphthalene

Concen: 24.137 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

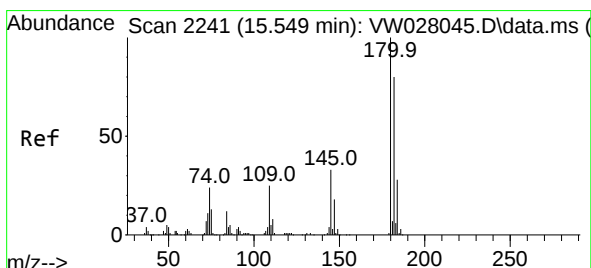
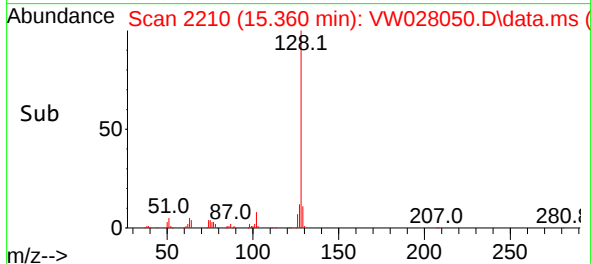
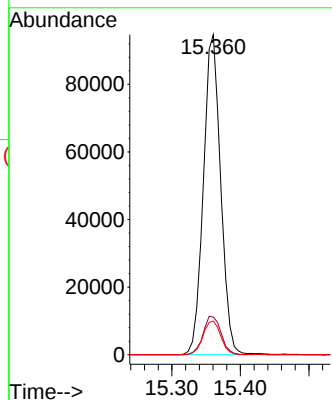
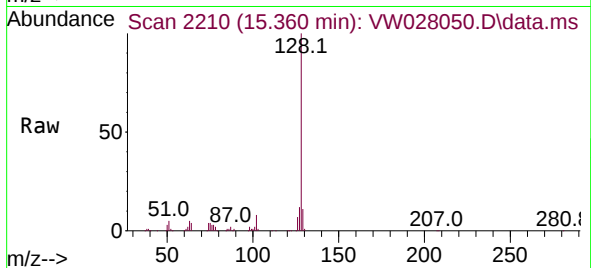
Tgt Ion:128 Resp: 166140

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.8 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 24.935 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028050.D

Acq: 21 Feb 2024 16:24

Tgt Ion:180 Resp: 92153

Ion Ratio Lower Upper

180 100

182 89.6 76.5 114.7

145 30.9 25.8 38.8

