

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031324\
 Data File : VW028174.D
 Acq On : 13 Mar 2024 17:35
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 14 01:32:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 14 01:29:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	223007	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	209246	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	107777	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	52977	19.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.600%
7) Chloroethane-d5	2.905	69	41231	19.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
11) 1,1-Dichloroethene-d2	4.027	65	22689	20.866	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.480%
21) 2-Butanone-d5	7.075	46	18498	48.712	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.420%
24) Chloroform-d	7.648	84	109547	23.193	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	8.307	65	50959	23.182	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.720%
32) Benzene-d6	8.276	84	210339	21.533	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.120%
36) 1,2-Dichloropropane-d6	9.276	67	55973	22.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.720%
41) Toluene-d8	10.325	98	196870	21.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.575	79	24930	22.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.160%
47) 2-Hexanone-d5	10.922	63	17632	49.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	48658	24.428	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	73617	22.967	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	46967	20.615	ug/L	97
3) Chloromethane	2.222	50	48717	22.489	ug/L	99
5) Vinyl chloride	2.375	62	66563	22.049	ug/L	98
6) Bromomethane	2.795	94	49388	20.506	ug/L	100
8) Chloroethane	2.936	64	39359	20.760	ug/L	100
9) Trichlorofluoromethane	3.271	101	65045	23.100	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	65372	22.331	ug/L	91
12) 1,1-Dichloroethene	4.051	96	61459	22.169	ug/L	94
13) Acetone	4.124	43	20932	39.435	ug/L	100
14) Carbon disulfide	4.393	76	174131	20.620	ug/L	98
15) Methyl Acetate	4.673	43	17197	22.922	ug/L	98
16) Methylene chloride	4.923	84	81780	26.659	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	65125	21.985	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	81918	22.581	ug/L #	88
19) 1,1-Dichloroethane	6.222	63	104114	22.229	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	68731	22.048	ug/L	97
22) 2-Butanone	7.173	43	24180	40.789	ug/L	99
23) Bromochloromethane	7.520	128	31514	21.533	ug/L	93
25) Chloroform	7.679	83	118142	22.583	ug/L	100

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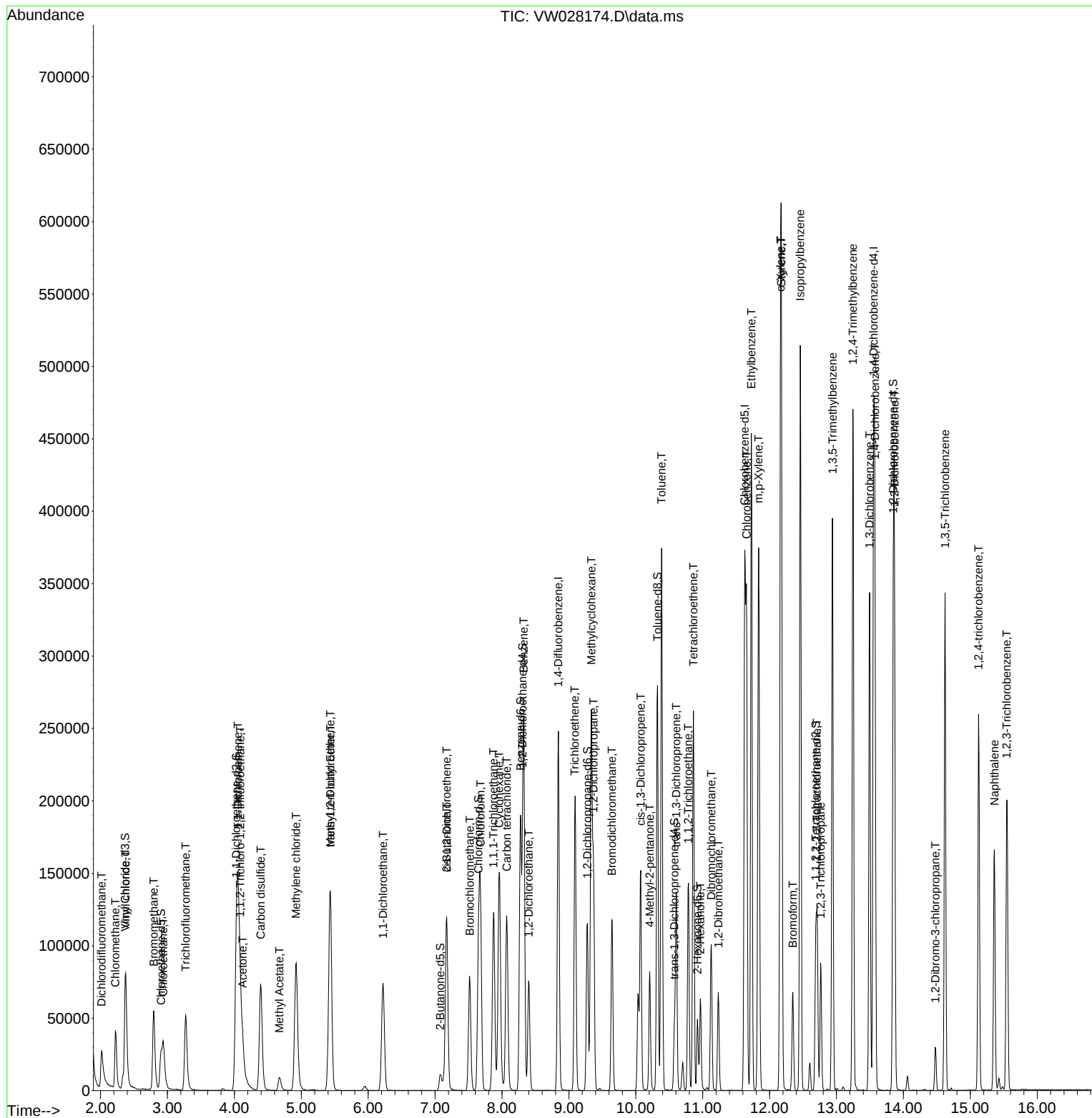
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	71362	22.940	ug/L	99
29) Cyclohexane	7.959	56	84877	21.094	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	104550	22.378	ug/L	99
31) Carbon tetrachloride	8.069	117	98706	22.625	ug/L	99
33) Benzene	8.325	78	246776	21.830	ug/L	100
34) Trichloroethene	9.087	95	70996	21.435	ug/L	96
35) Methylcyclohexane	9.337	83	117971	22.006	ug/L	98
37) 1,2-Dichloropropane	9.367	63	57484	21.836	ug/L	99
38) Bromodichloromethane	9.642	83	82462	21.687	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	94027	21.720	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	46006	44.000	ug/L	99
42) Toluene	10.386	91	281203	22.015	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	77425	22.016	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	47113	21.340	ug/L	97
46) Tetrachloroethene	10.861	164	61559	22.176	ug/L	98
48) 2-Hexanone	10.965	43	35351	41.814	ug/L	98
49) Dibromochloromethane	11.129	129	56552	22.034	ug/L	97
50) 1,2-Dibromoethane	11.233	107	45261	21.285	ug/L	89
51) Chlorobenzene	11.654	112	184410	21.637	ug/L	93
52) Ethylbenzene	11.727	91	325355	22.279	ug/L	96
53) m,p-Xylene	11.836	106	123738	21.839	ug/L	100
54) o-Xylene	12.166	106	117395	21.893	ug/L	94
55) Styrene	12.178	104	201255	22.007	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	52599	22.095	ug/L	93
59) Bromoform	12.349	173	31487	20.608	ug/L	93
60) Isopropylbenzene	12.458	105	334698	22.636	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	36913	22.280	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	215893	22.270	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	262091	22.671	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	146024	21.369	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	149526	21.674	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	131989	21.443	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	7817	22.464	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	109527	21.719	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	87221	21.537	ug/L	94
71) Naphthalene	15.360	128	149074	22.507	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	73695	21.761	ug/L	96

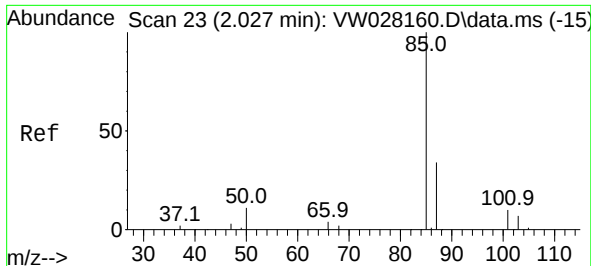
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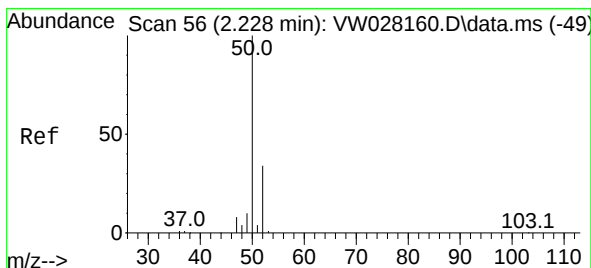
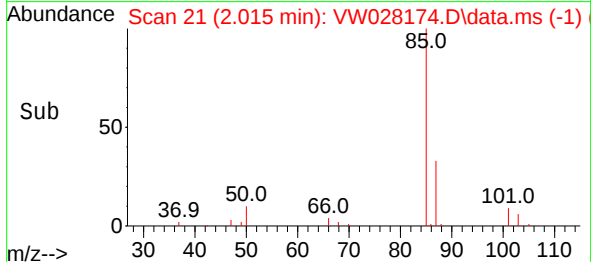
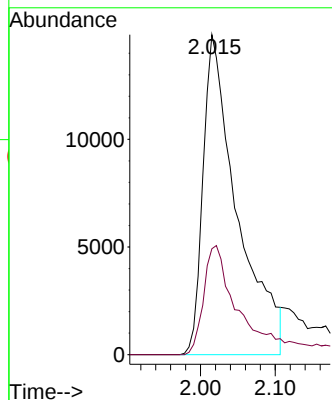
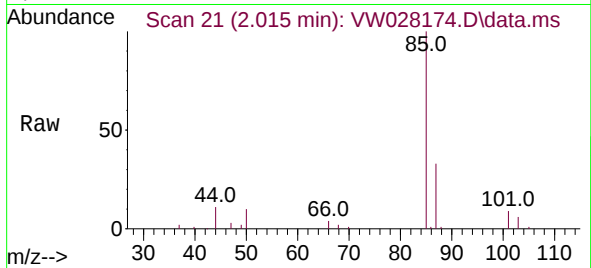




#2
 Dichlorodifluoromethane
 Concen: 20.615 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VW028174.D
 Acq: 13 Mar 2024 17:35

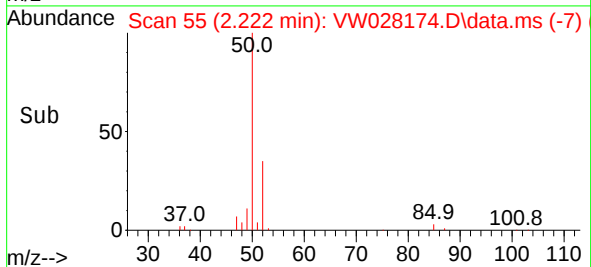
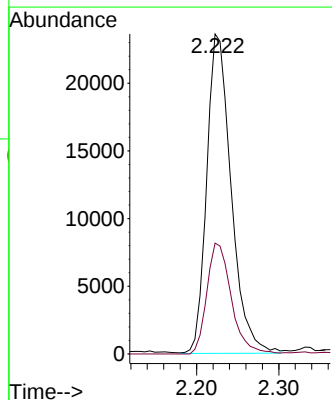
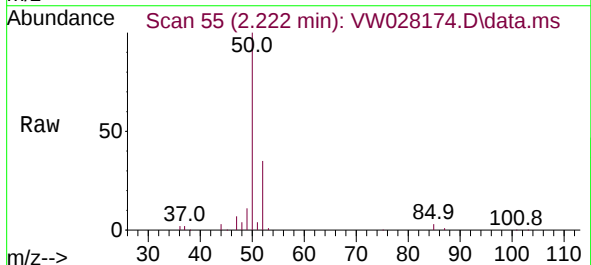
Instrument :
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 ClientSampleId :

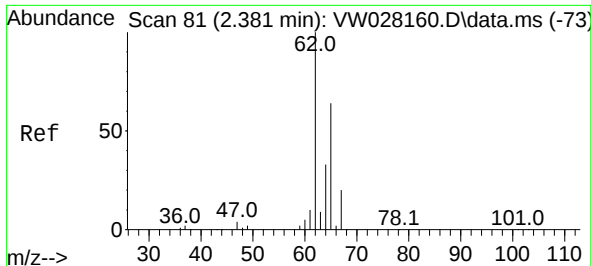
Tgt Ion: 85 Resp: 46967
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.6 39.8



#3
 Chloromethane
 Concen: 22.489 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW028174.D
 Acq: 13 Mar 2024 17:35

Tgt Ion: 50 Resp: 48717
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.7 43.9

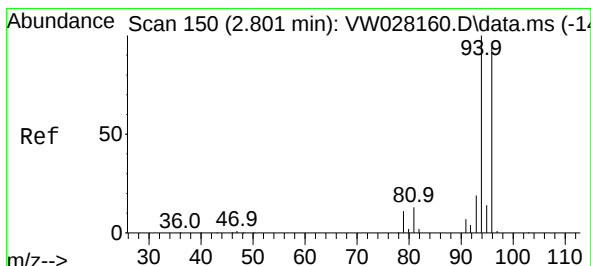
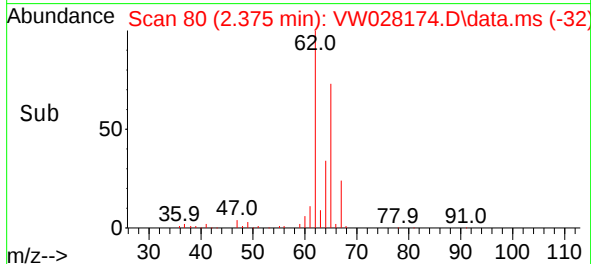
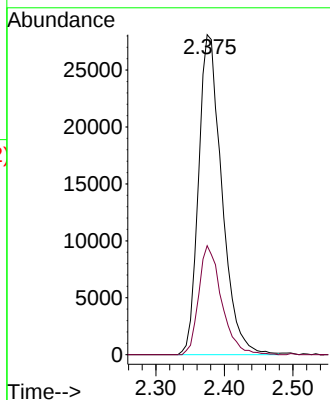
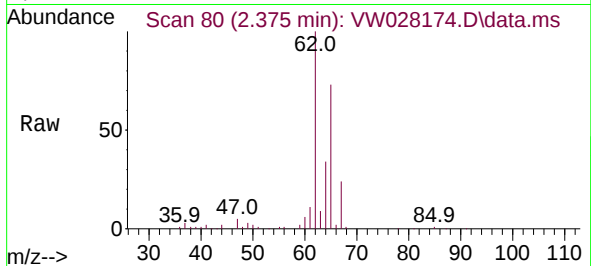




#5
 Vinyl chloride
 Concen: 22.049 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW028174.D
 Acq: 13 Mar 2024 17:35

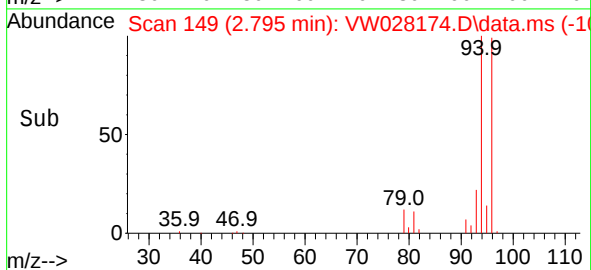
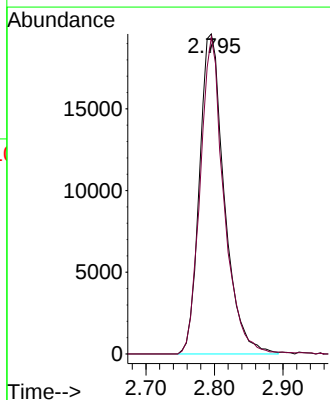
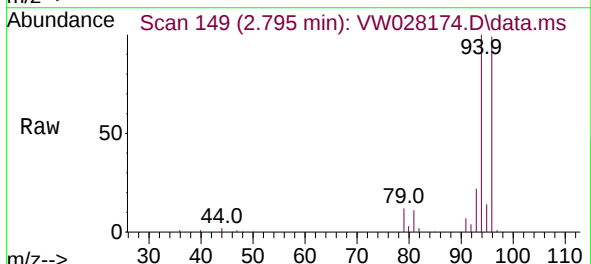
Instrument :
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 ClientSampleId :

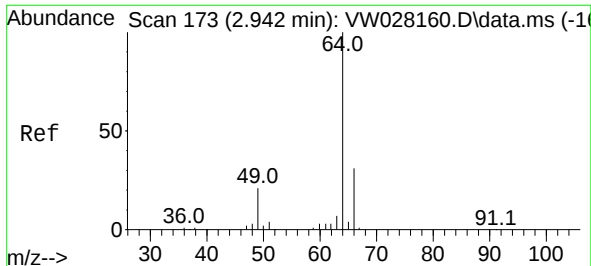
Tgt Ion: 62 Resp: 66563
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.2 43.0



#6
 Bromomethane
 Concen: 20.506 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VW028174.D
 Acq: 13 Mar 2024 17:35

Tgt Ion: 94 Resp: 49388
 Ion Ratio Lower Upper
 94 100
 96 99.1 69.1 128.3

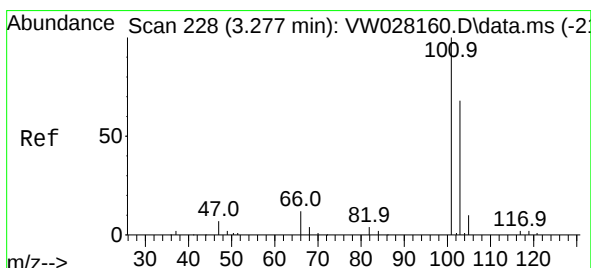
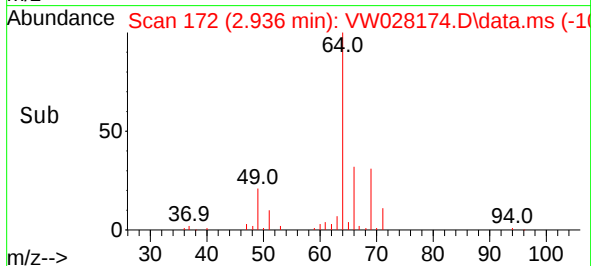
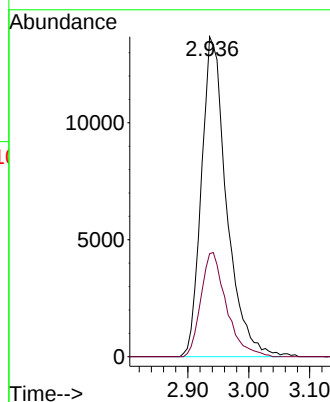
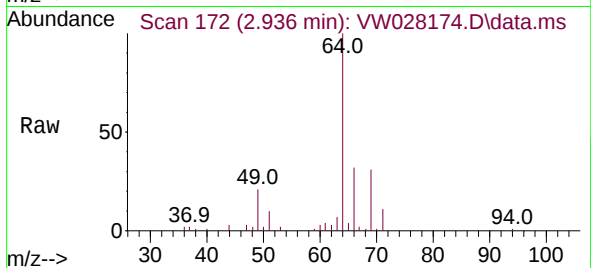




#8
Chloroethane
Concen: 20.760 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

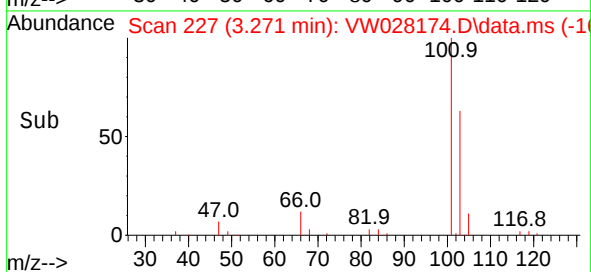
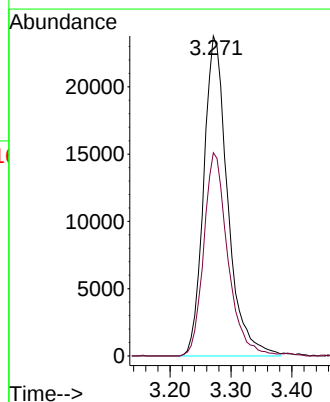
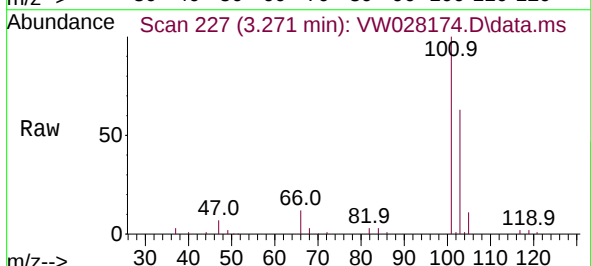
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ClientSampleId :

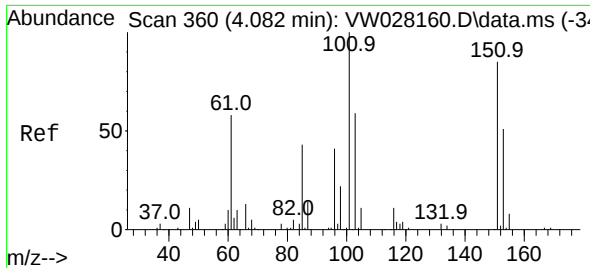
Tgt Ion: 64 Resp: 39359
Ion Ratio Lower Upper
64 100
66 32.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 23.100 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Tgt Ion:101 Resp: 65045
Ion Ratio Lower Upper
101 100
103 63.8 52.6 78.8

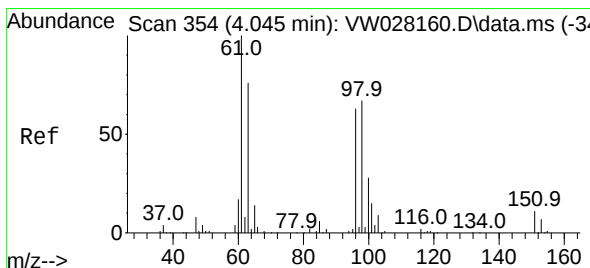
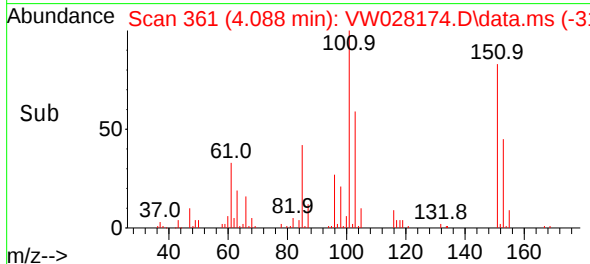
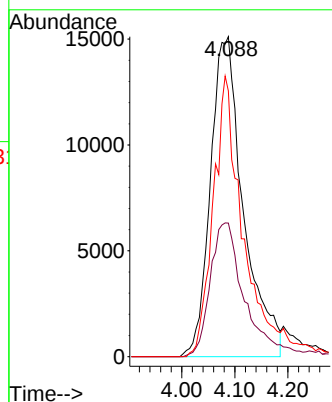
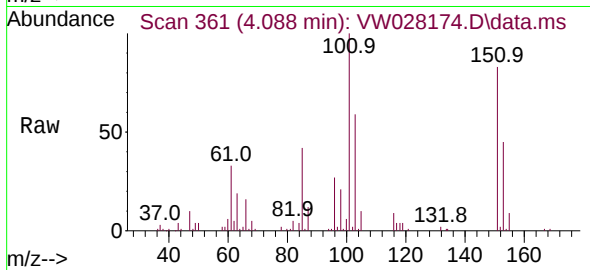




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.331 ug/L
 RT: 4.088 min Scan# 360
 Delta R.T. 0.006 min
 Lab File: VW028174.D
 Acq: 13 Mar 2024 17:35

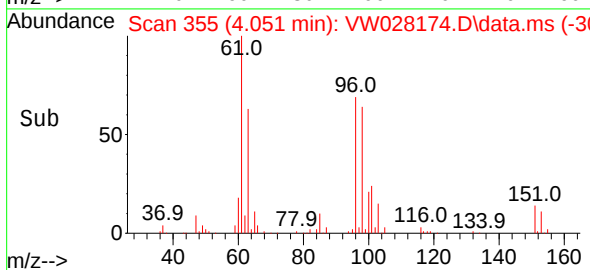
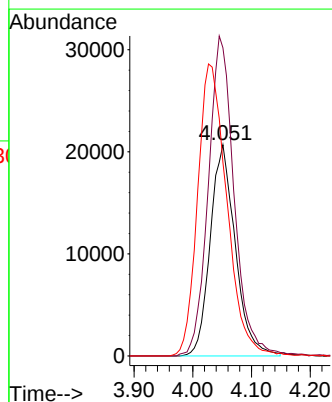
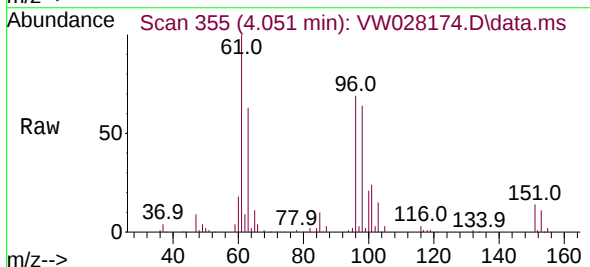
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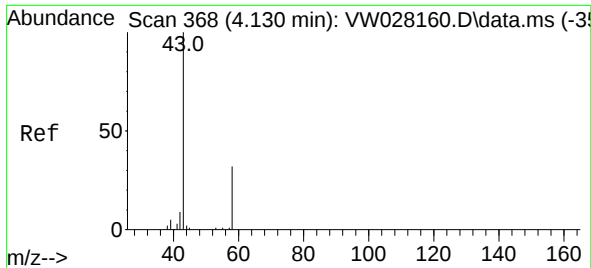
Tgt Ion:101 Resp: 65372
 Ion Ratio Lower Upper
 101 100
 85 43.5 33.1 49.7
 151 76.9 53.7 80.5



#12
 1,1-Dichloroethene
 Concen: 22.169 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028174.D
 Acq: 13 Mar 2024 17:35

Tgt Ion: 96 Resp: 61459
 Ion Ratio Lower Upper
 96 100
 61 145.9 100.5 186.7
 63 91.7 72.9 135.5





#13

Acetone

Concen: 39.435 ug/L

RT: 4.124 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

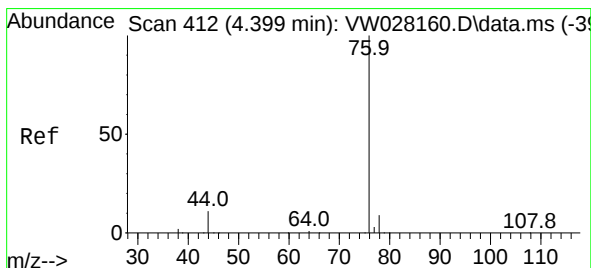
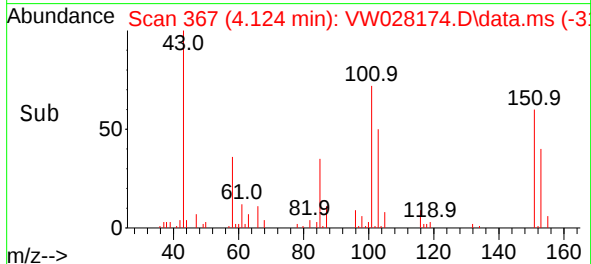
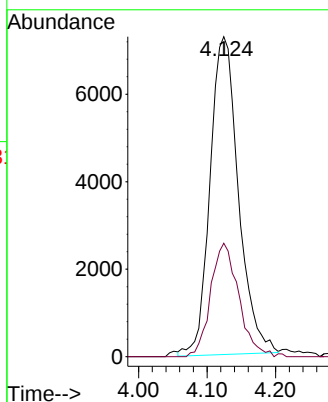
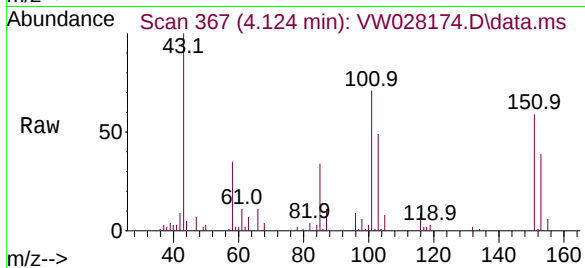
ClientSampleId :

Tgt Ion: 43 Resp: 20932

Ion Ratio Lower Upper

43 100

58 34.9 0.0 70.0



#14

Carbon disulfide

Concen: 20.620 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.006 min

Lab File: VW028174.D

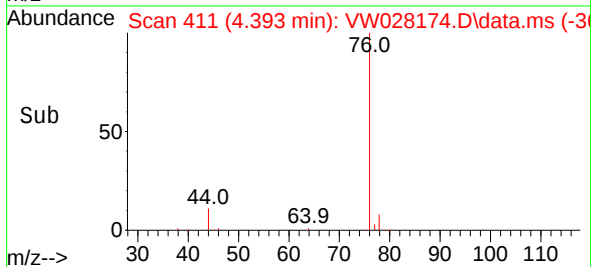
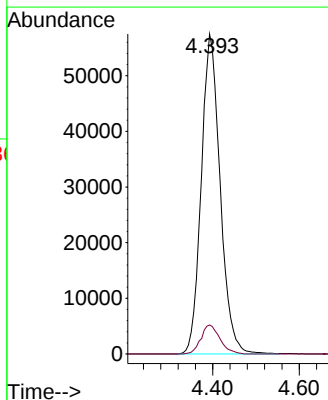
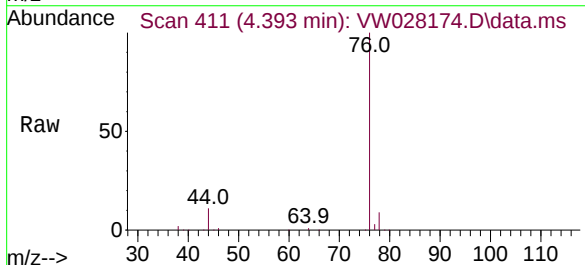
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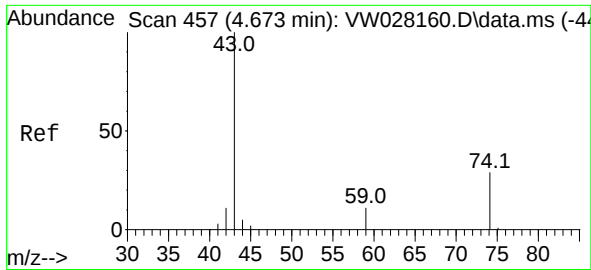
Tgt Ion: 76 Resp: 174131

Ion Ratio Lower Upper

76 100

78 9.1 7.9 11.9





#15

Methyl Acetate

Concen: 22.922 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

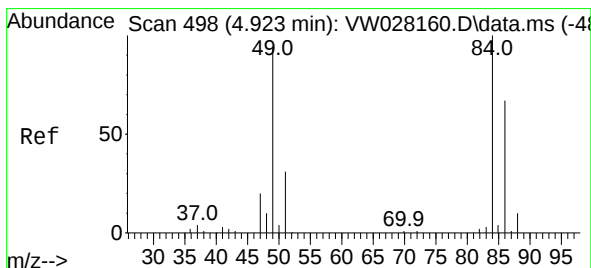
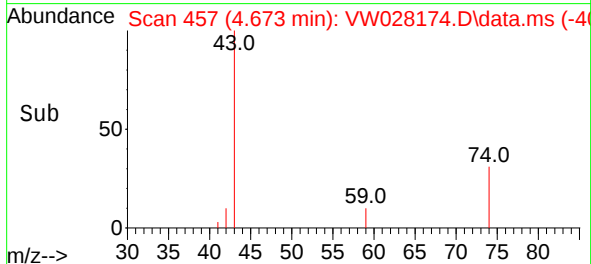
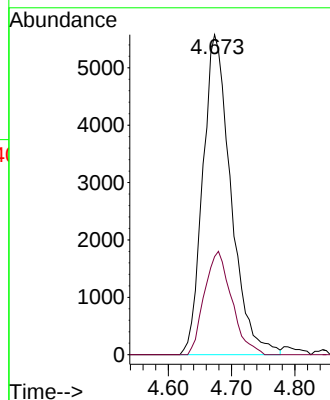
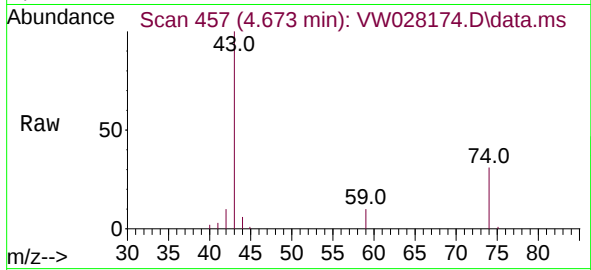
ClientSampleId :

Tgt Ion: 43 Resp: 17197

Ion Ratio Lower Upper

43 100

74 31.4 24.3 36.5



#16

Methylene chloride

Concen: 26.659 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

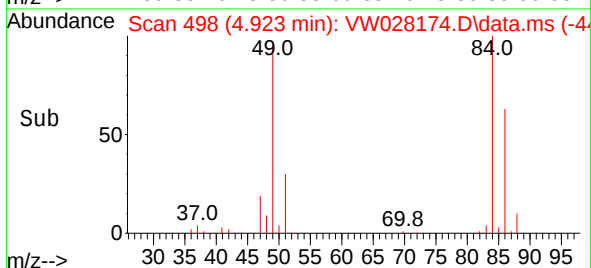
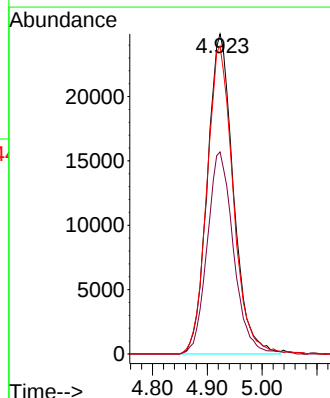
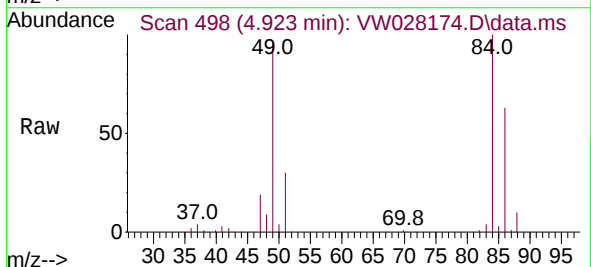
Tgt Ion: 84 Resp: 81780

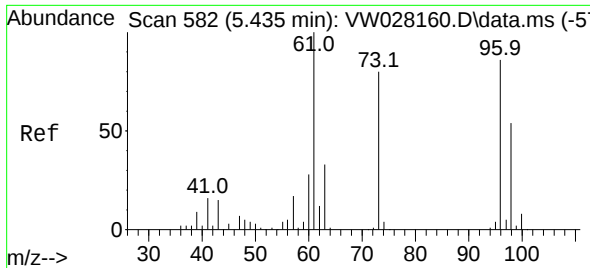
Ion Ratio Lower Upper

84 100

86 63.1 41.2 76.6

49 96.3 66.5 123.5

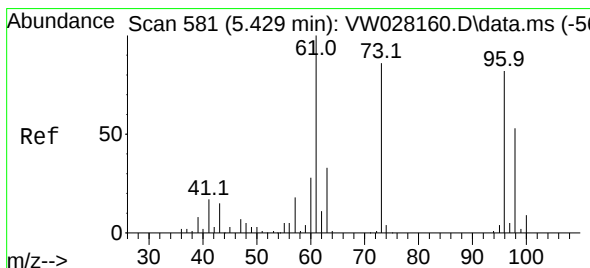
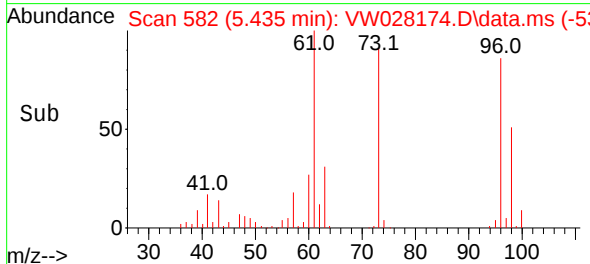
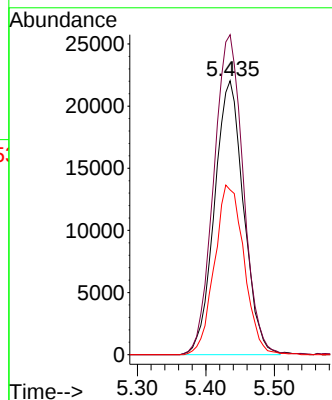
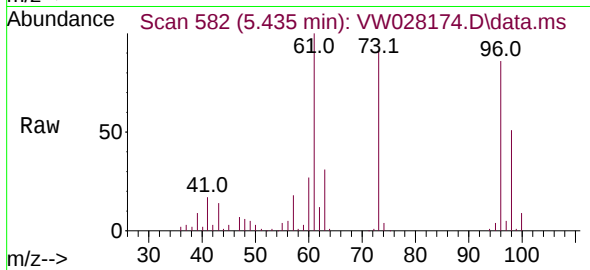




#17
trans-1,2-Dichloroethene
Concen: 21.985 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

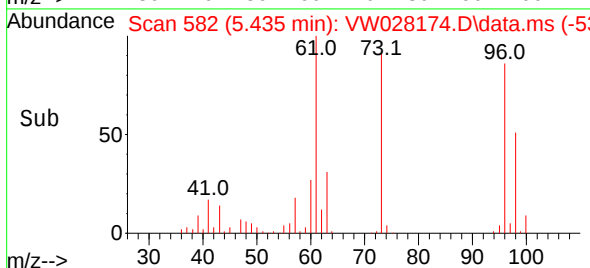
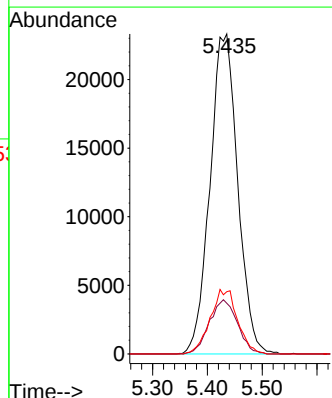
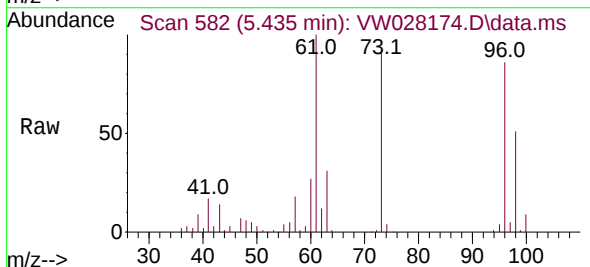
Instrument :
MSVOA_W
ClientSampleId :

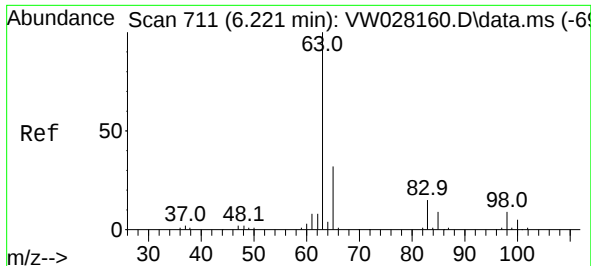
Tgt Ion: 96 Resp: 65125
Ion Ratio Lower Upper
96 100
61 116.8 82.6 153.4
98 60.2 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 22.581 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Tgt Ion: 73 Resp: 81918
Ion Ratio Lower Upper
73 100
43 17.2 13.3 19.9
57 10.5 15.9 23.9#





#19

1,1-Dichloroethane

Concen: 22.229 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :

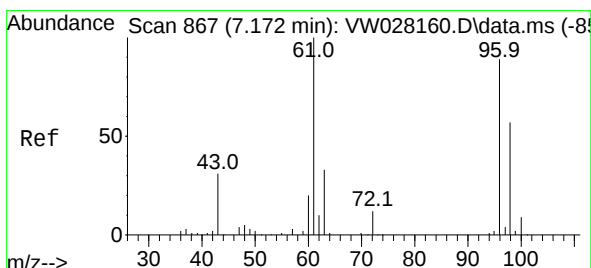
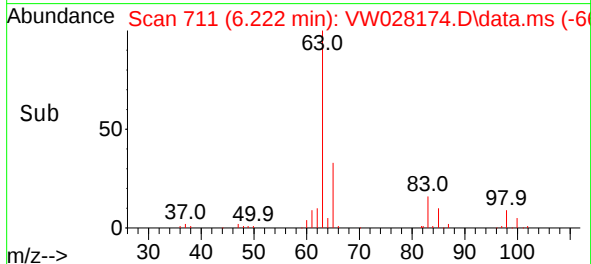
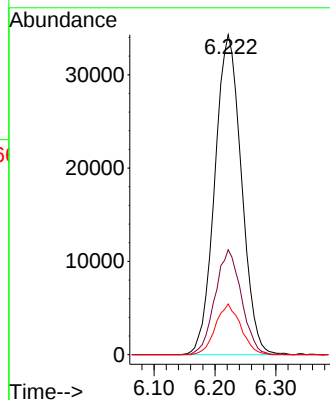
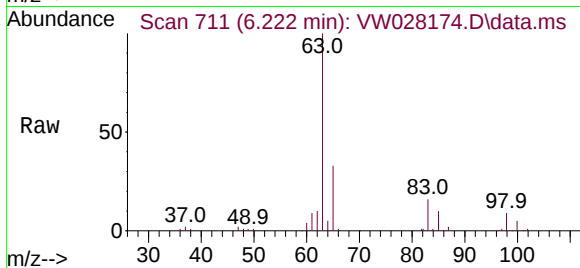
Tgt Ion: 63 Resp: 104114

Ion Ratio Lower Upper

63 100

65 32.8 23.2 43.0

83 15.8 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 22.048 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

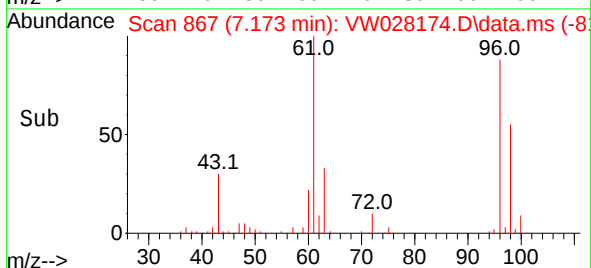
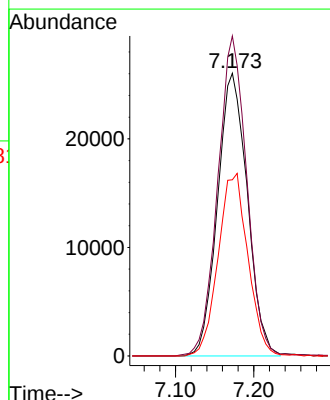
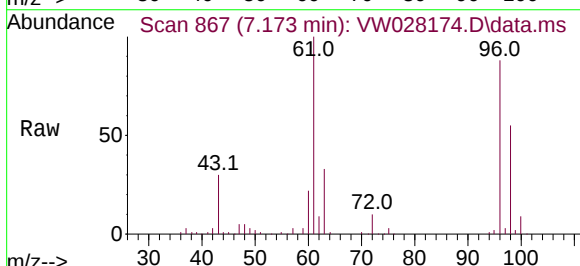
Tgt Ion: 96 Resp: 68731

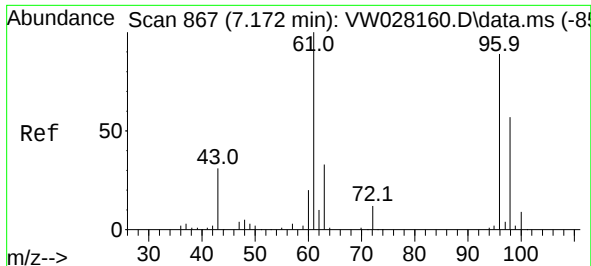
Ion Ratio Lower Upper

96 100

61 113.2 75.5 140.1

98 62.3 43.8 81.4

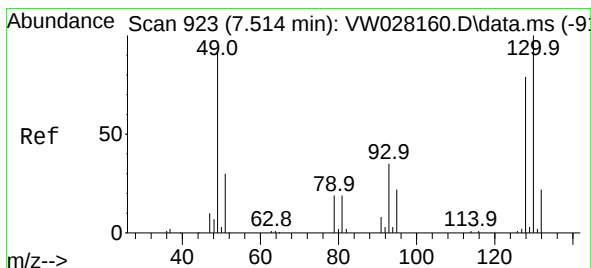
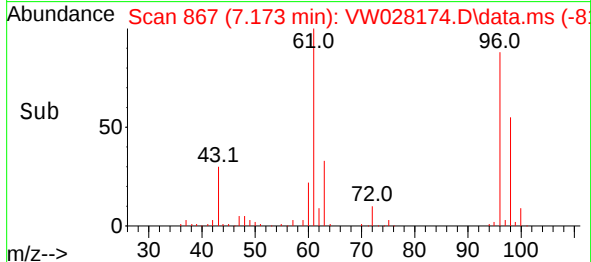
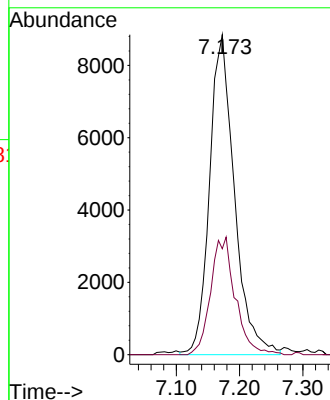
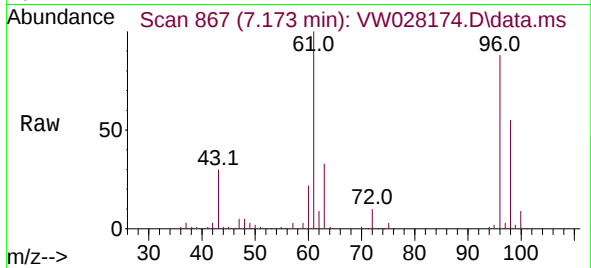




#22
2-Butanone
Concen: 40.789 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

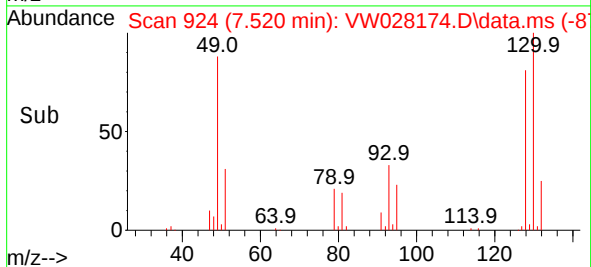
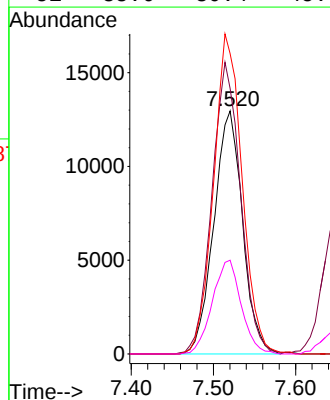
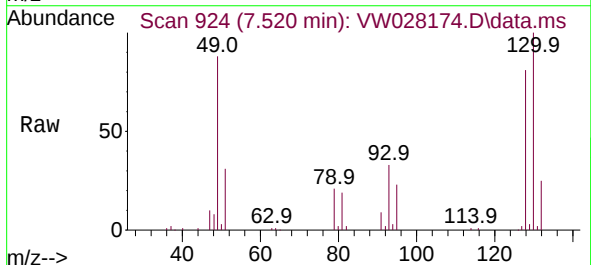
Instrument :
MSVOA_W
ClientSampleId :

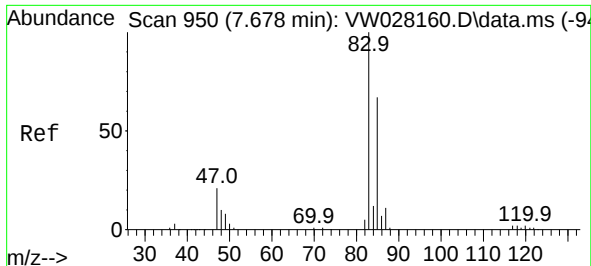
Tgt Ion: 43 Resp: 24180
Ion Ratio Lower Upper
43 100
72 36.4 18.4 55.0



#23
Bromochloromethane
Concen: 21.533 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Tgt Ion: 128 Resp: 31514
Ion Ratio Lower Upper
128 100
49 109.2 84.4 156.8
130 123.6 91.1 169.3
51 38.6 30.4 45.6





#25

Chloroform

Concen: 22.583 ug/L

RT: 7.679 min Scan# 90

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

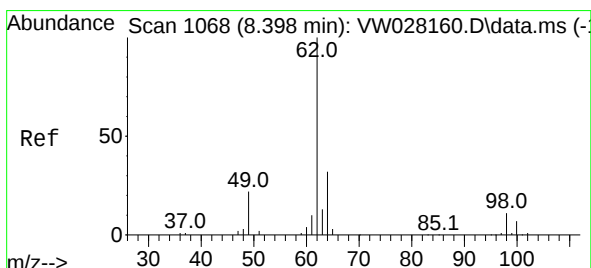
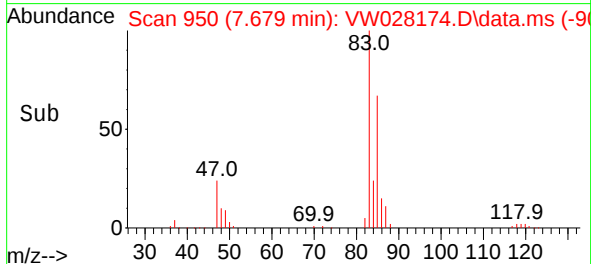
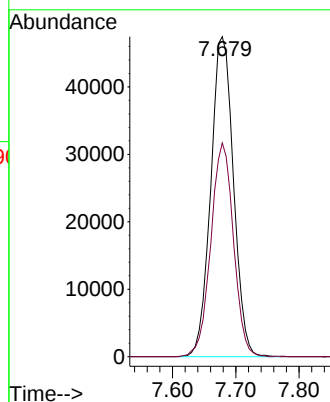
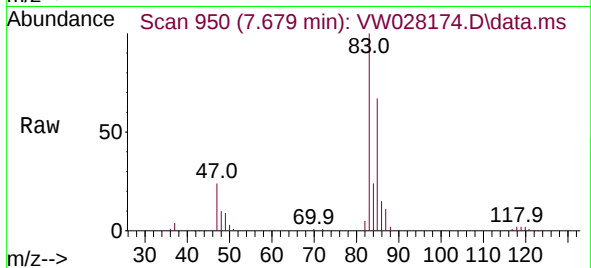
ClientSampleId :

Tgt Ion: 83 Resp: 118142

Ion Ratio Lower Upper

83 100

85 66.8 46.5 86.5



#27

1,2-Dichloroethane

Concen: 22.940 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028174.D

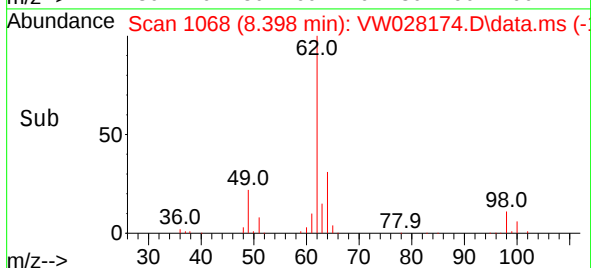
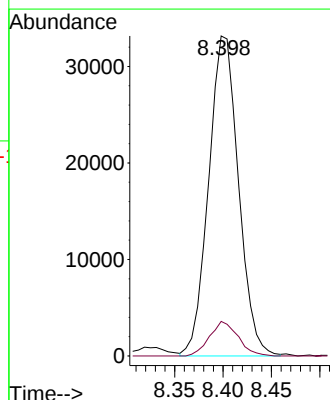
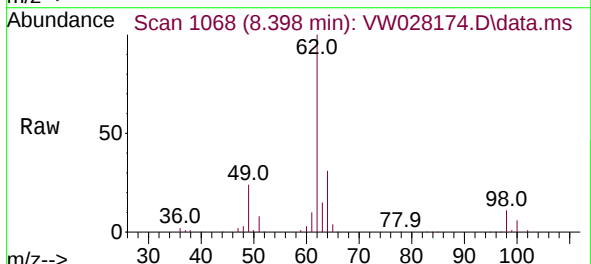
Acq: 13 Mar 2024 17:35

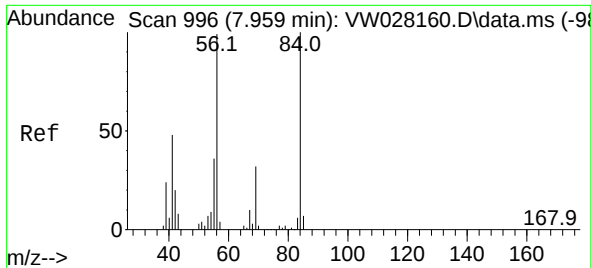
Tgt Ion: 62 Resp: 71362

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.4





#29

Cyclohexane

Concen: 21.094 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :

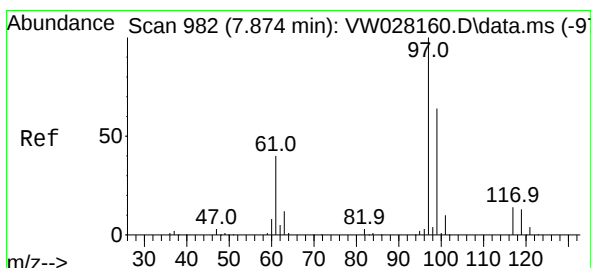
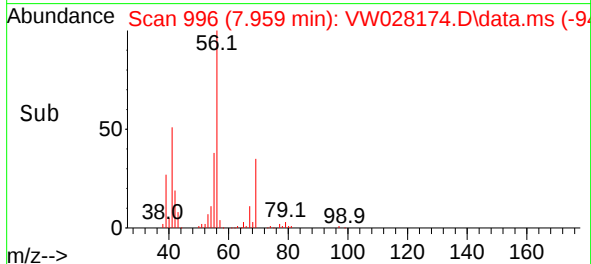
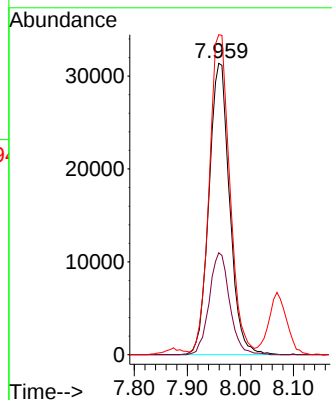
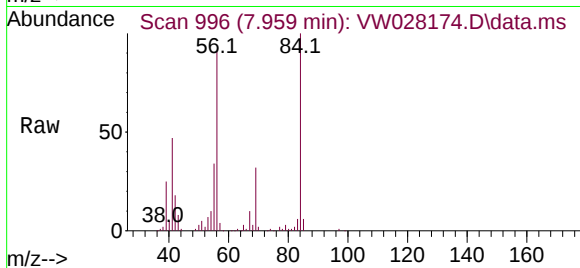
Tgt Ion: 56 Resp: 84877

Ion Ratio Lower Upper

56 100

69 34.4 27.6 41.4

84 110.0 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 22.378 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

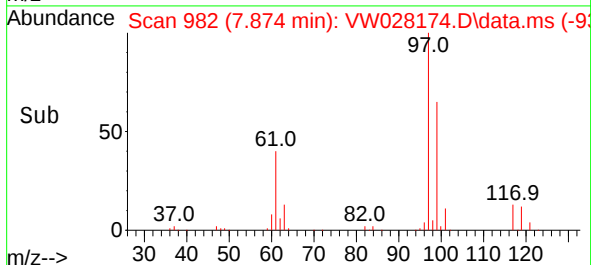
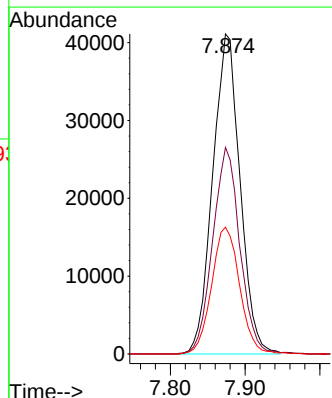
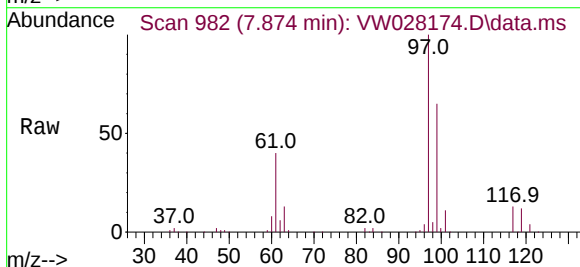
Tgt Ion: 97 Resp: 104550

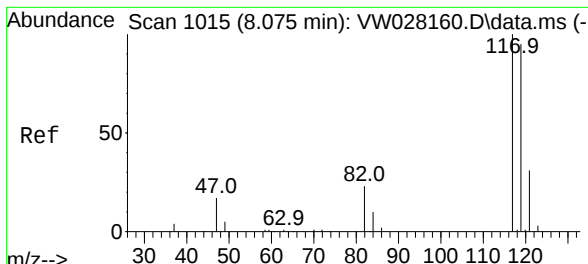
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 40.5 31.8 47.6



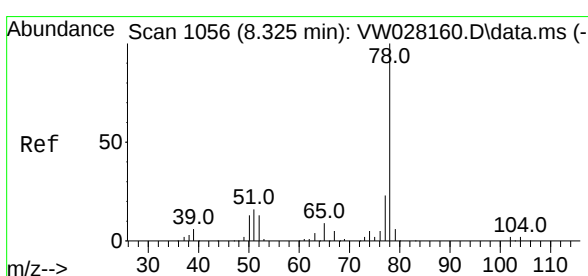
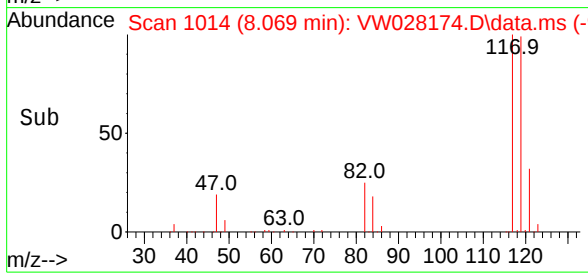
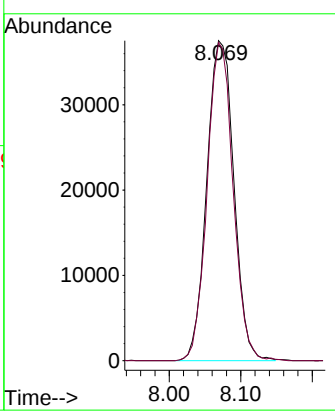
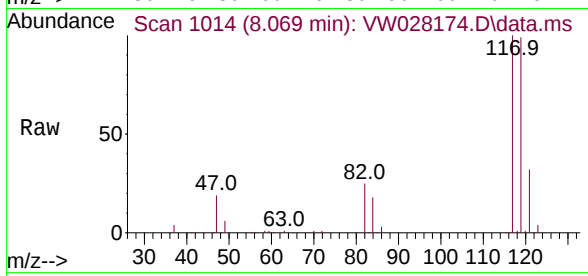


#31
Carbon tetrachloride
Concen: 22.625 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Instrument :
MSVOA_W
ClientSampleId :

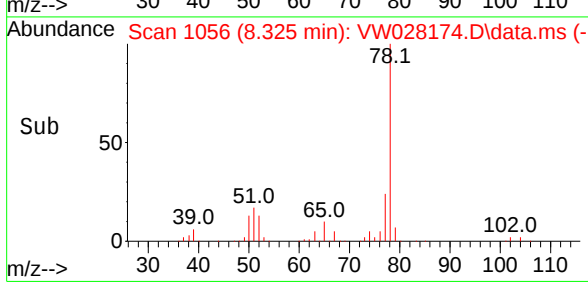
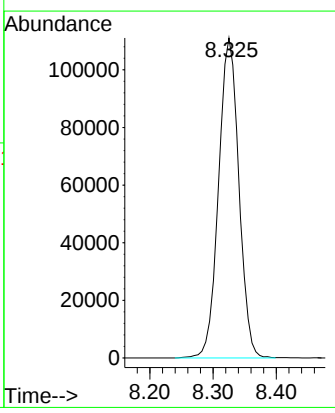
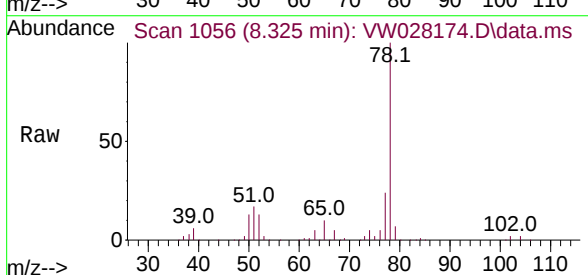
Tgt Ion:117 Resp: 98706

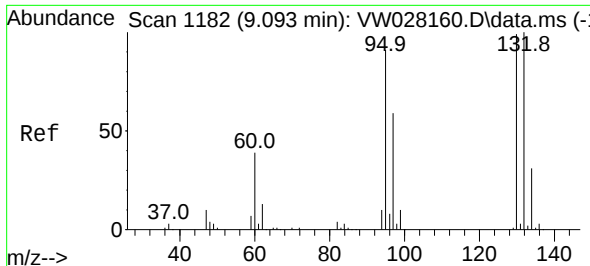
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.8	115.2



#33
Benzene
Concen: 21.830 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Tgt Ion: 78 Resp: 246776

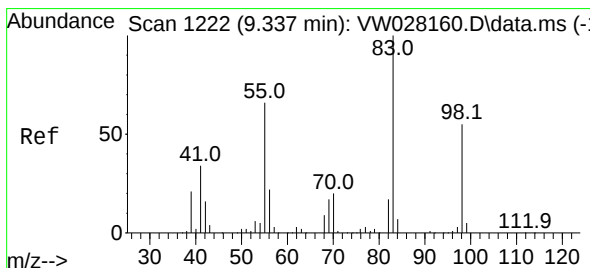
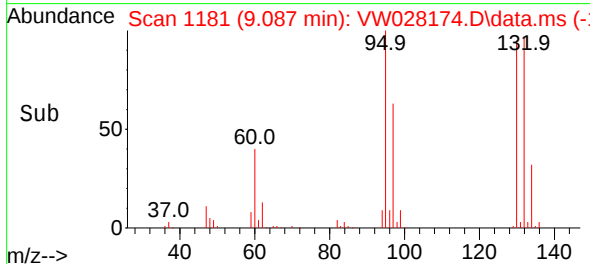
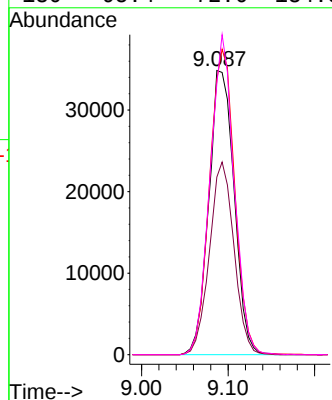
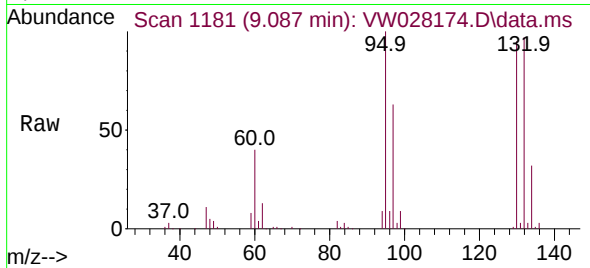




#34
Trichloroethene
Concen: 21.435 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

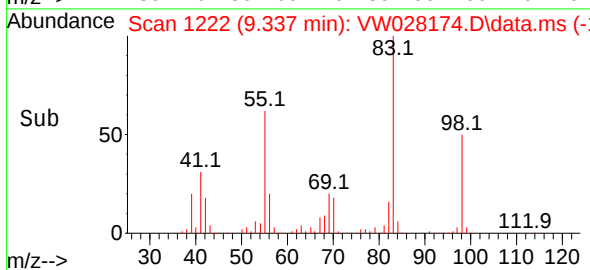
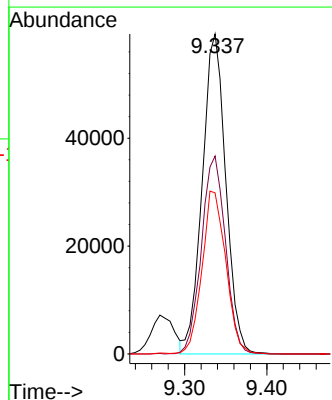
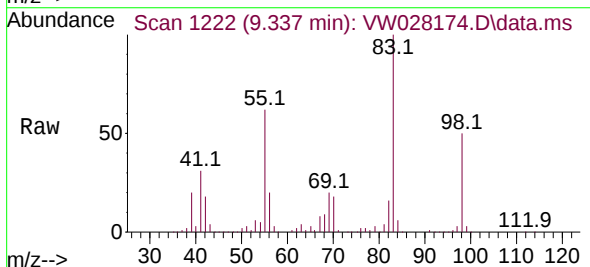
Instrument :
MSVOA_W
ClientSampleId :

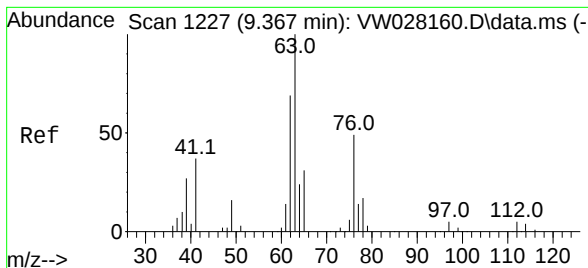
Tgt Ion: 95 Resp: 70996
Ion Ratio Lower Upper
95 100
97 62.5 44.5 82.7
132 96.9 68.3 126.9
130 95.4 72.6 134.8



#35
Methylcyclohexane
Concen: 22.006 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Tgt Ion: 83 Resp: 117971
Ion Ratio Lower Upper
83 100
55 63.2 52.1 78.1
98 51.4 42.2 63.4





#37

1,2-Dichloropropane

Concen: 21.836 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

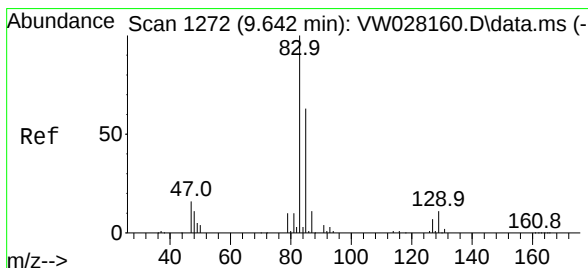
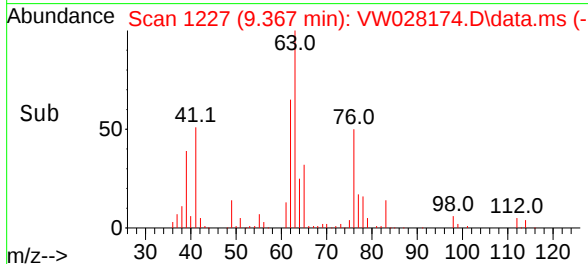
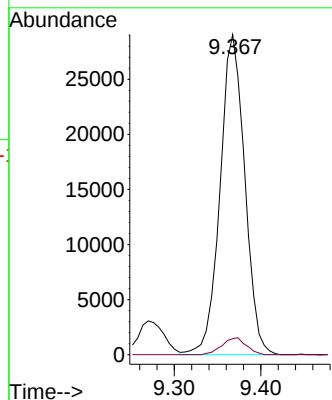
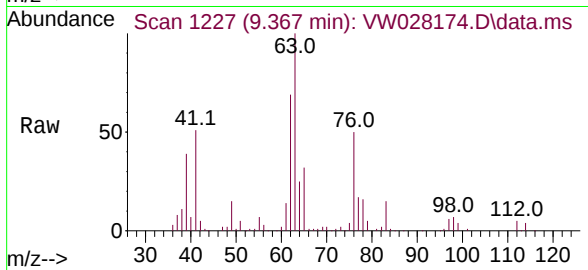
ClientSampleId :

Tgt Ion: 63 Resp: 57484

Ion Ratio Lower Upper

63 100

112 5.2 4.4 6.6



#38

Bromodichloromethane

Concen: 21.687 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

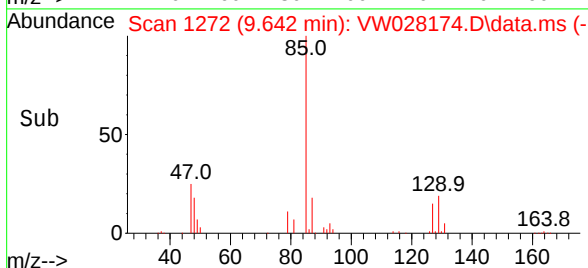
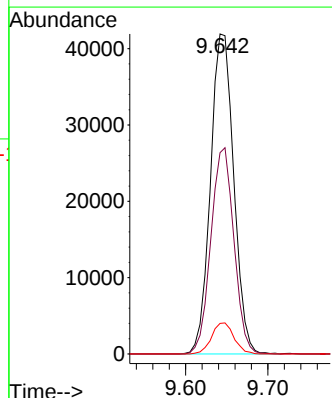
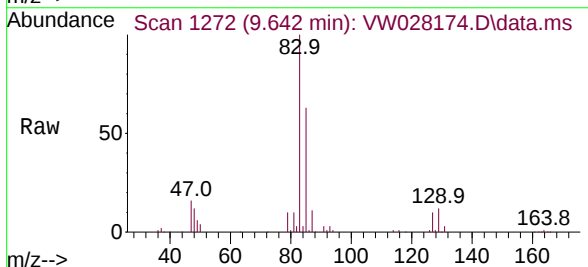
Tgt Ion: 83 Resp: 82462

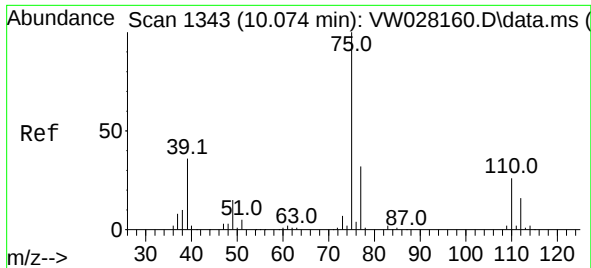
Ion Ratio Lower Upper

83 100

85 62.9 43.3 80.5

127 9.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 21.720 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

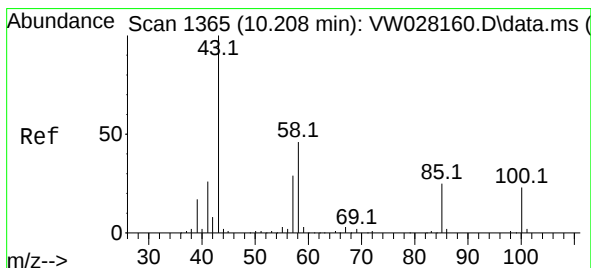
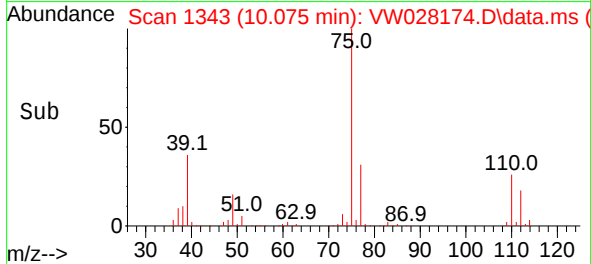
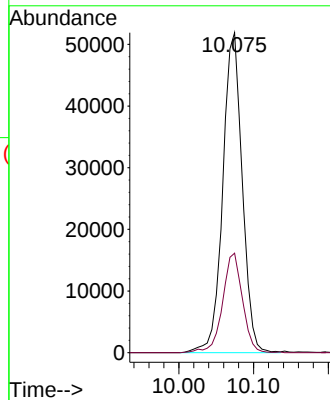
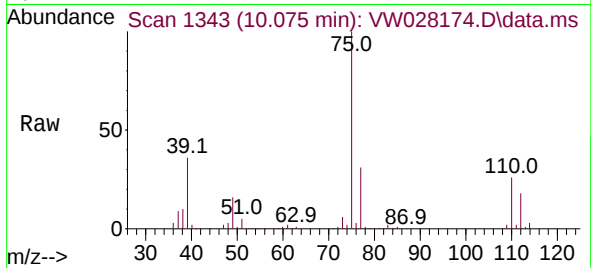
ClientSampleId :

Tgt Ion: 75 Resp: 94027

Ion Ratio Lower Upper

75 100

77 31.1 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 44.000 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

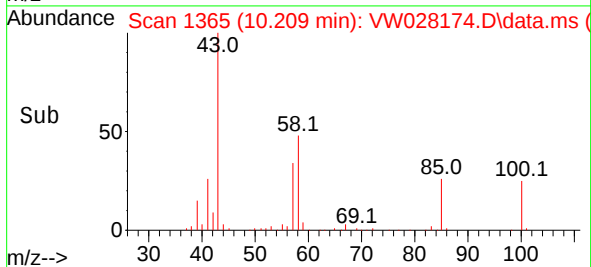
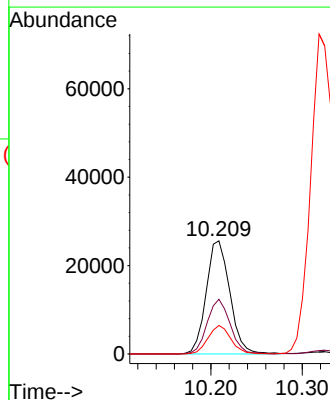
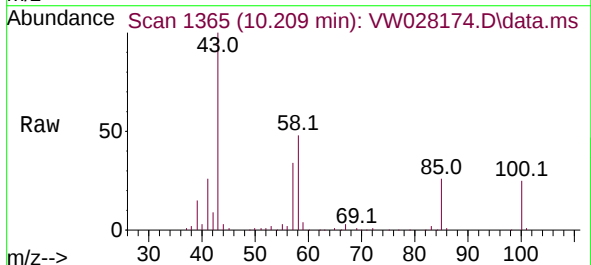
Tgt Ion: 43 Resp: 46006

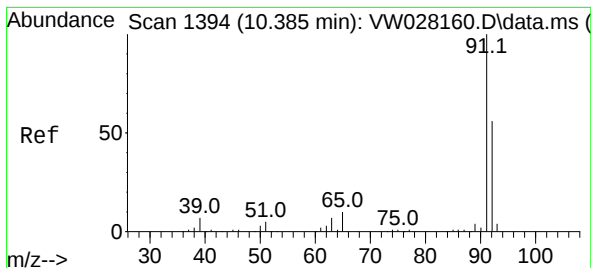
Ion Ratio Lower Upper

43 100

58 47.2 37.8 56.8

100 24.2 18.2 27.4





#42

Toluene

Concen: 22.015 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

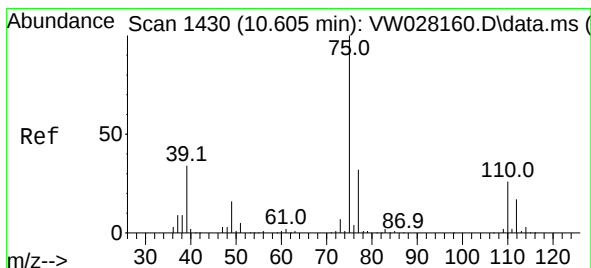
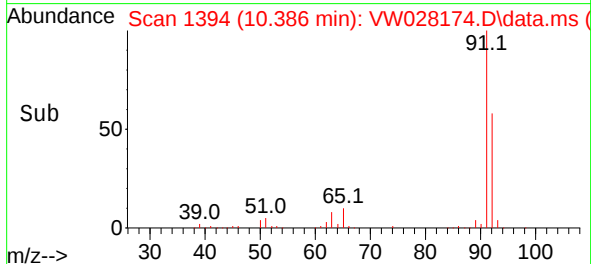
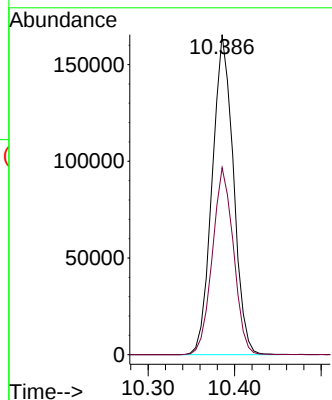
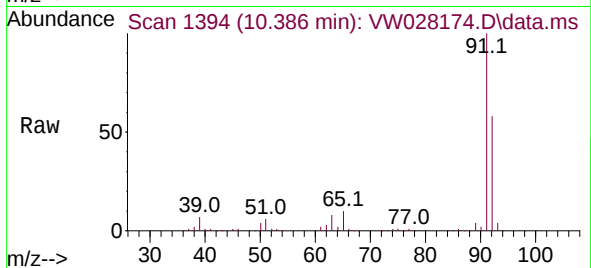
ClientSampleId :

Tgt Ion: 91 Resp: 281203

Ion Ratio Lower Upper

91 100

92 58.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 22.016 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028174.D

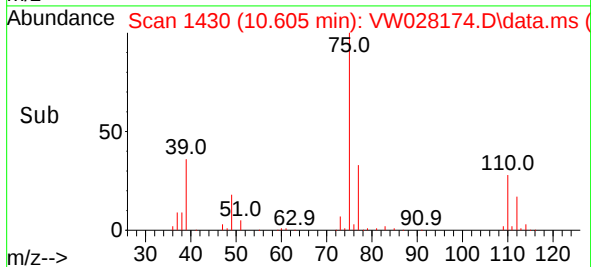
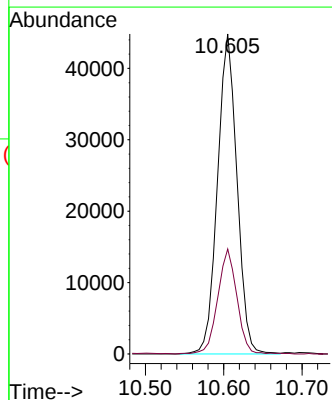
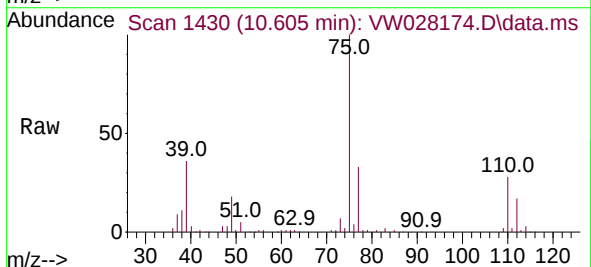
Acq: 13 Mar 2024 17:35

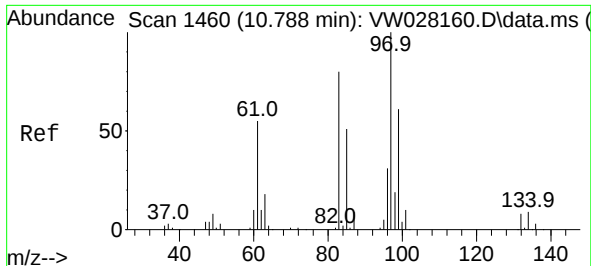
Tgt Ion: 75 Resp: 77425

Ion Ratio Lower Upper

75 100

77 32.8 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 21.340 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 47113

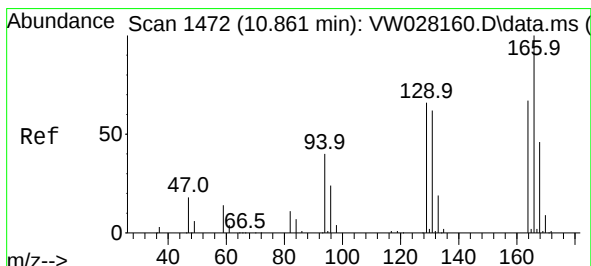
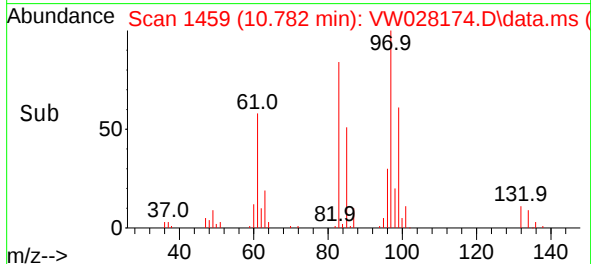
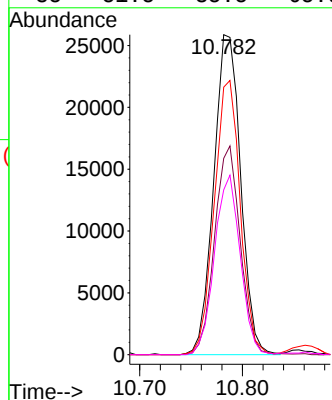
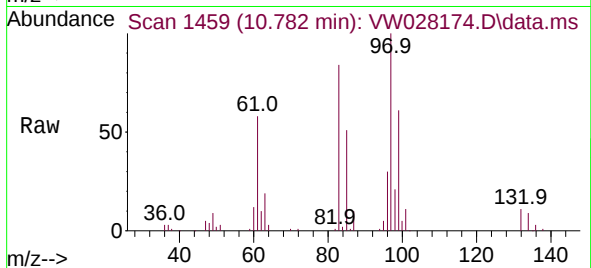
Ion Ratio Lower Upper

97 100

99 61.3 41.9 77.7

83 83.6 56.1 104.1

85 51.5 35.5 65.9



#46

Tetrachloroethene

Concen: 22.176 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Tgt Ion:164 Resp: 61559

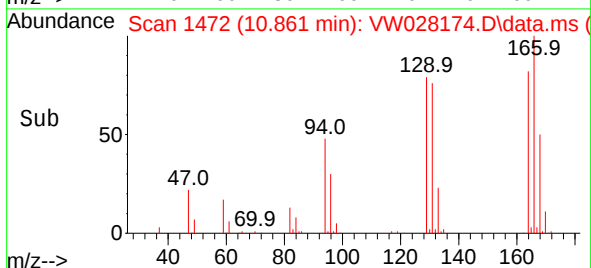
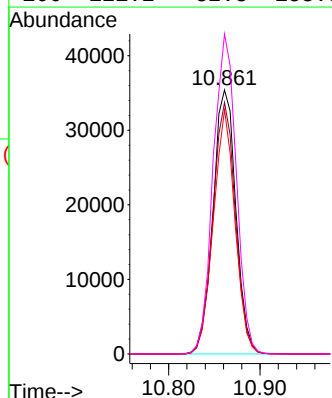
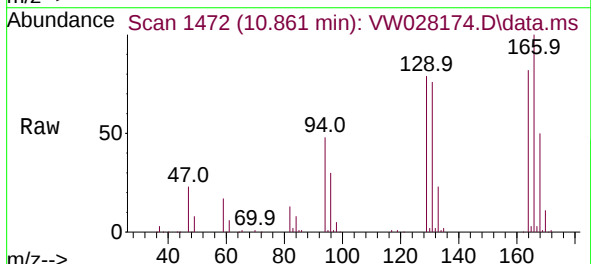
Ion Ratio Lower Upper

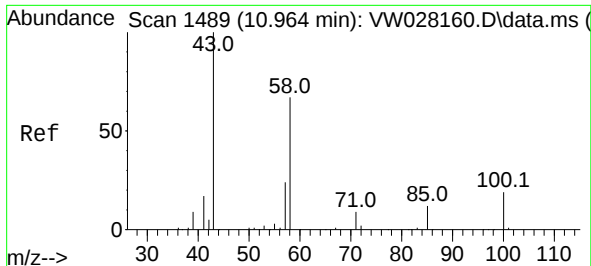
164 100

129 95.3 65.2 121.0

131 92.5 66.2 123.0

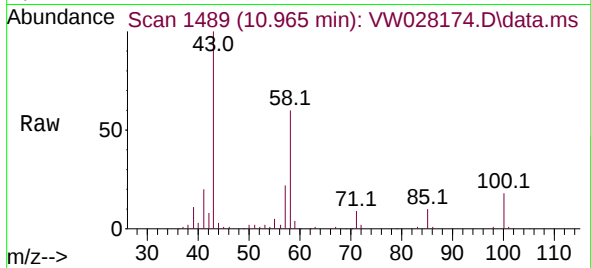
166 121.2 82.8 153.8



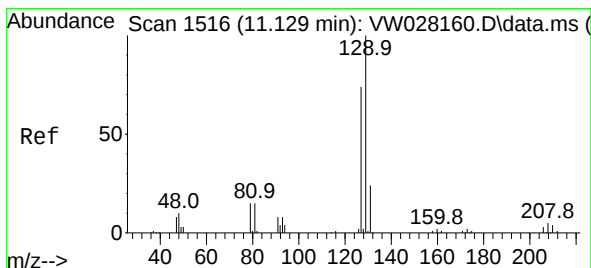
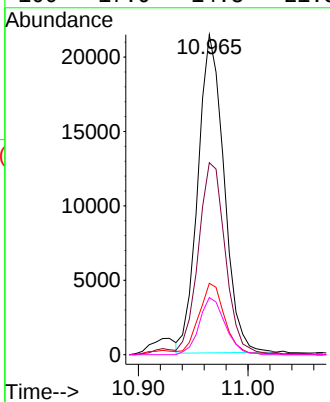
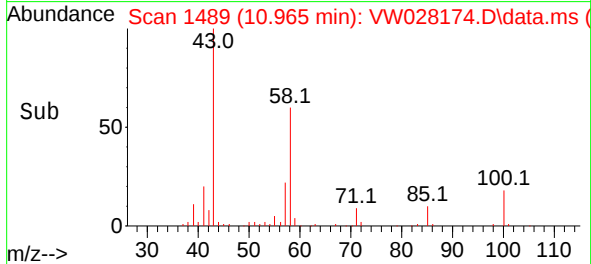


#48
2-Hexanone
Concen: 41.814 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Instrument :
MSVOA_W
ClientSampleId :

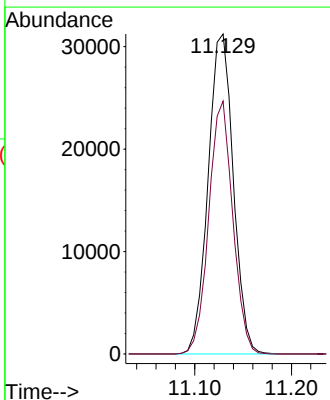
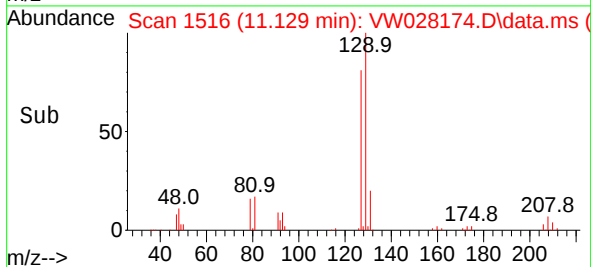
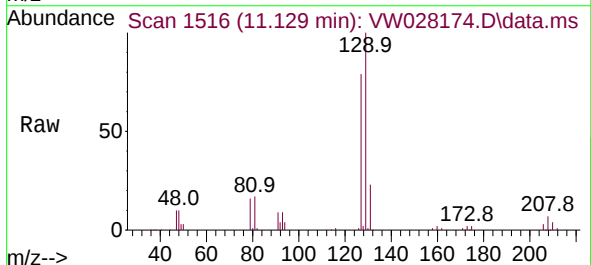


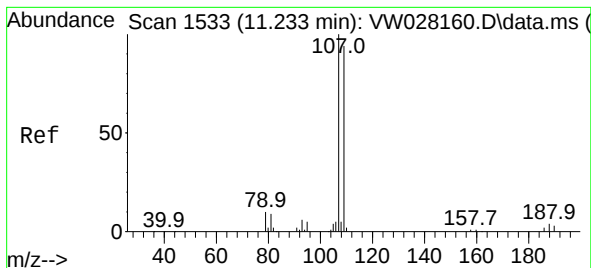
Tgt Ion:	43	Resp:	35351
Ion	Ratio	Lower	Upper
43	100		
58	62.7	51.8	77.8
57	21.4	18.2	27.4
100	17.9	14.3	21.5



#49
Dibromochloromethane
Concen: 22.034 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Tgt Ion:	129	Resp:	56552
Ion	Ratio	Lower	Upper
129	100		
127	79.0	57.1	106.1





#50

1,2-Dibromoethane

Concen: 21.285 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

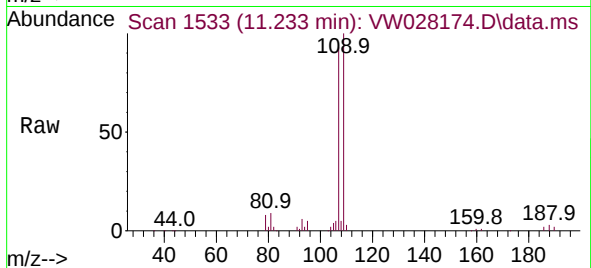
Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :



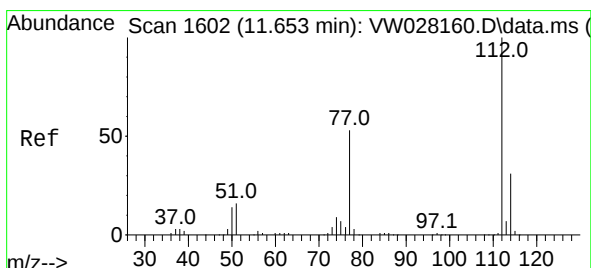
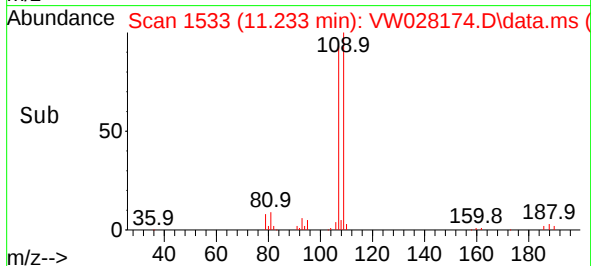
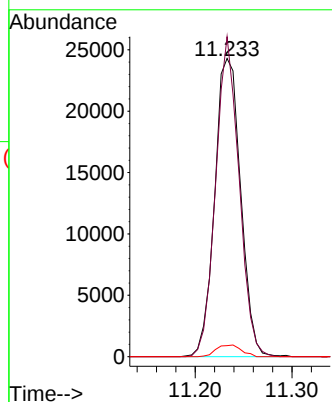
Tgt Ion:107 Resp: 45261

Ion Ratio Lower Upper

107 100

109 107.3 67.5 125.3

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 21.637 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

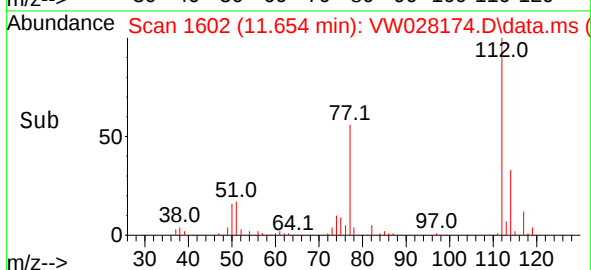
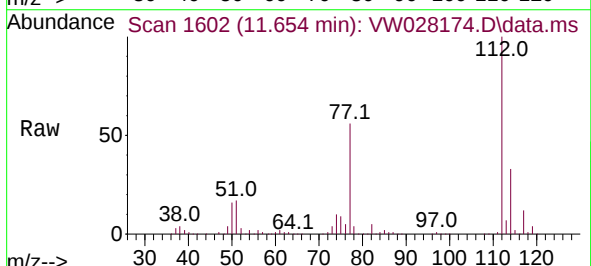
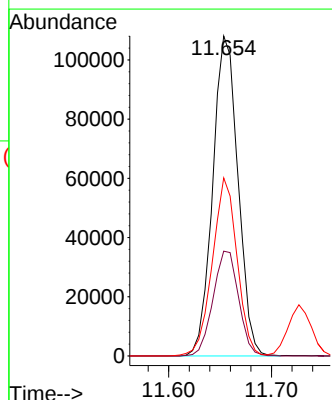
Tgt Ion:112 Resp: 184410

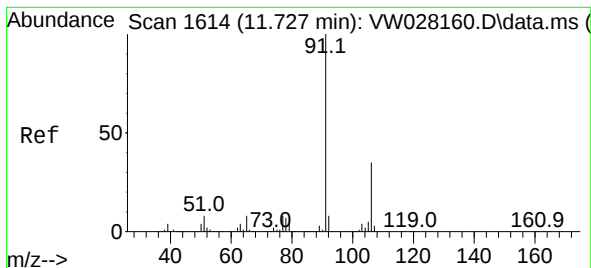
Ion Ratio Lower Upper

112 100

114 32.8 20.6 38.4

77 55.7 40.0 60.0





#52

Ethylbenzene

Concen: 22.279 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

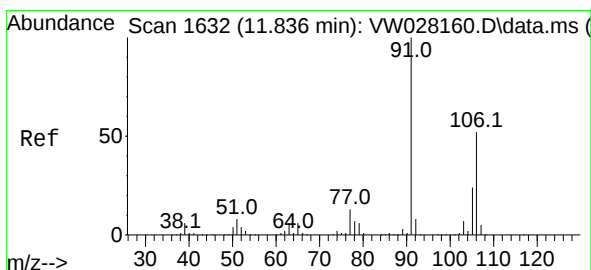
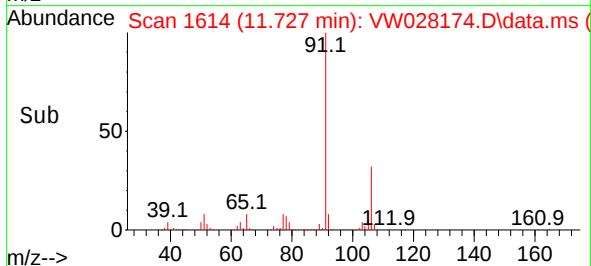
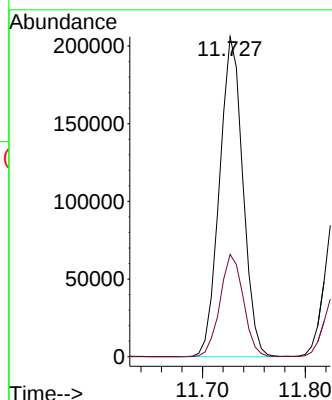
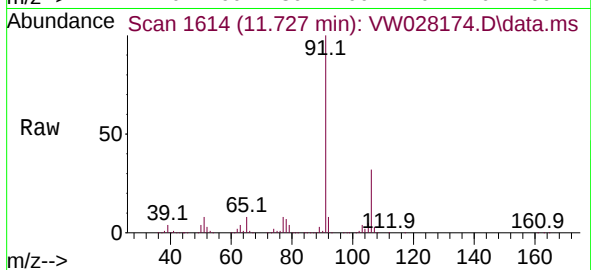
ClientSampleId :

Tgt Ion: 91 Resp: 325355

Ion Ratio Lower Upper

91 100

106 32.0 23.8 44.2



#53

m,p-Xylene

Concen: 21.839 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028174.D

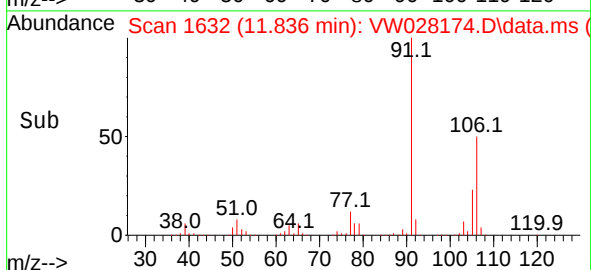
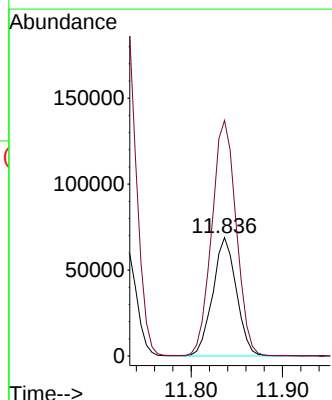
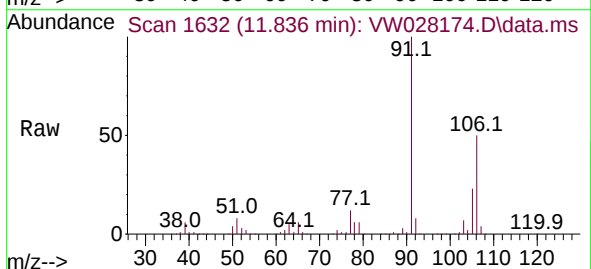
Acq: 13 Mar 2024 17:35

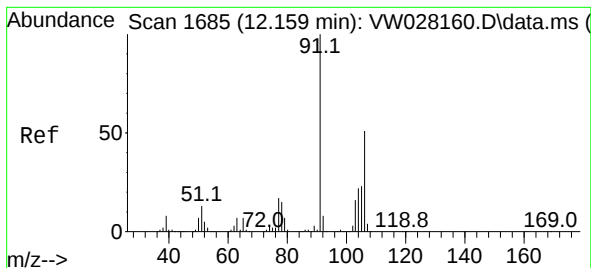
Tgt Ion:106 Resp: 123738

Ion Ratio Lower Upper

106 100

91 198.9 139.7 259.4





#54

o-Xylene

Concen: 21.893 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

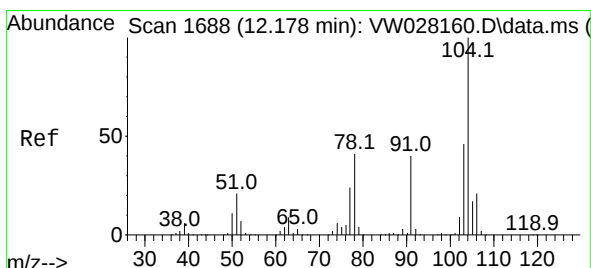
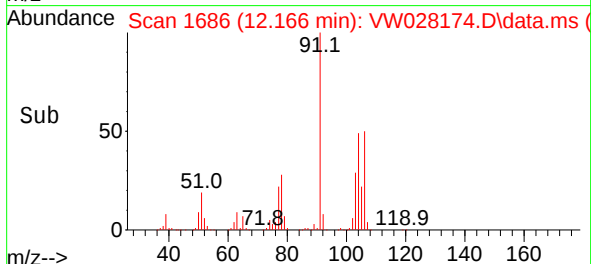
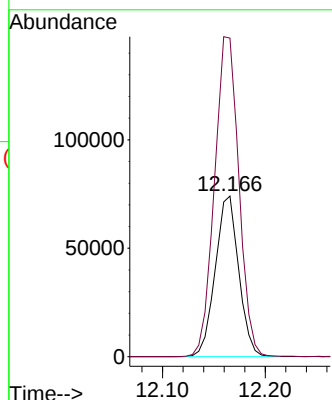
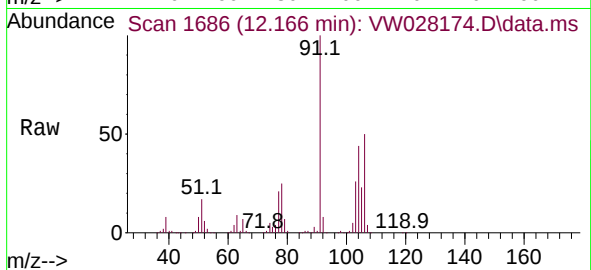
ClientSampleId :

Tgt Ion:106 Resp: 117395

Ion Ratio Lower Upper

106 100

91 198.4 145.2 269.6



#55

Styrene

Concen: 22.007 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028174.D

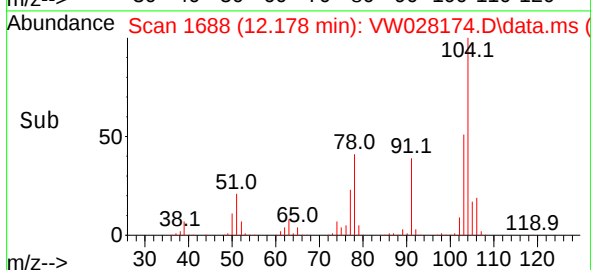
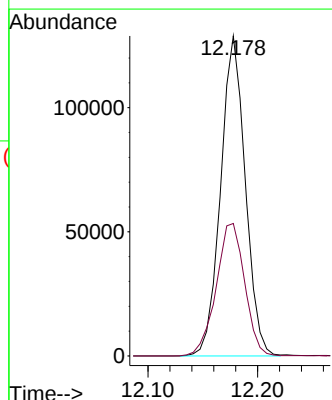
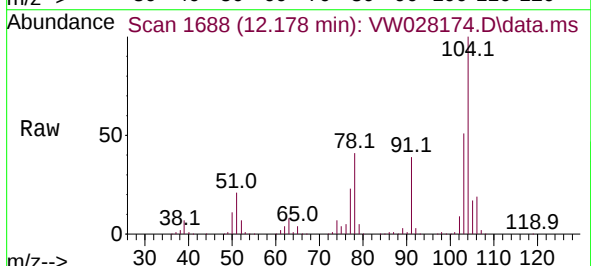
Acq: 13 Mar 2024 17:35

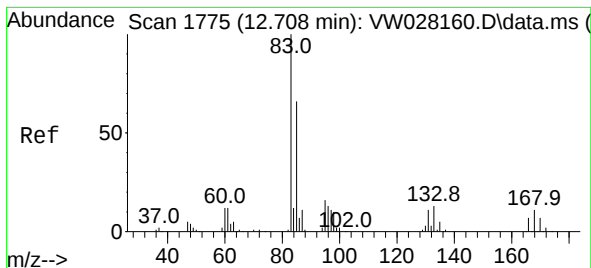
Tgt Ion:104 Resp: 201255

Ion Ratio Lower Upper

104 100

78 41.4 29.1 54.1





#57

1,1,2,2-Tetrachloroethane

Concen: 22.095 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :

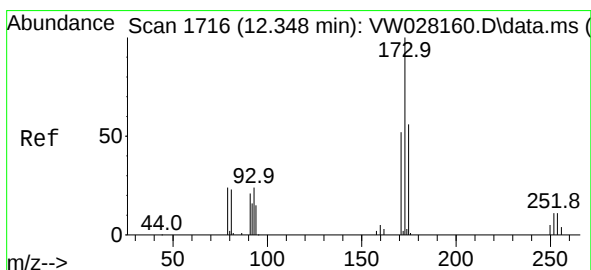
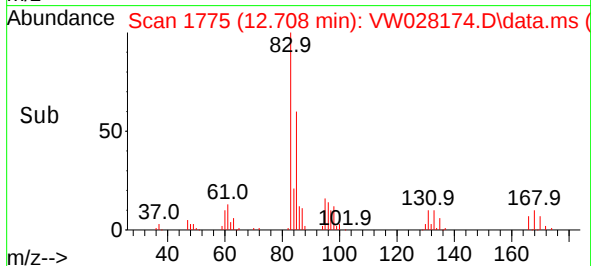
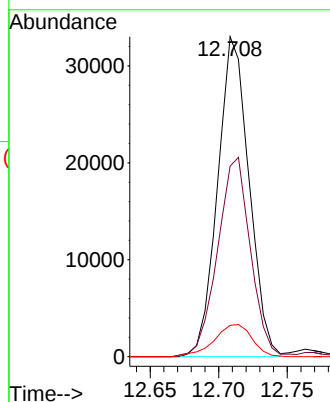
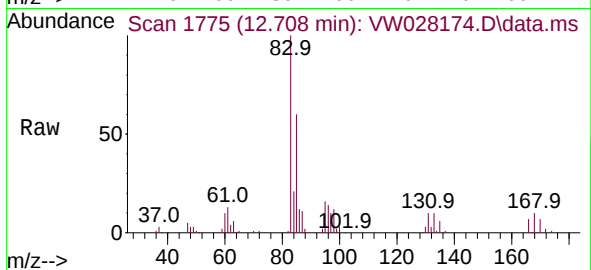
Tgt Ion: 83 Resp: 52599

Ion Ratio Lower Upper

83 100

85 59.6 45.7 84.9

131 9.8 9.7 14.5



#59

Bromoform

Concen: 20.608 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

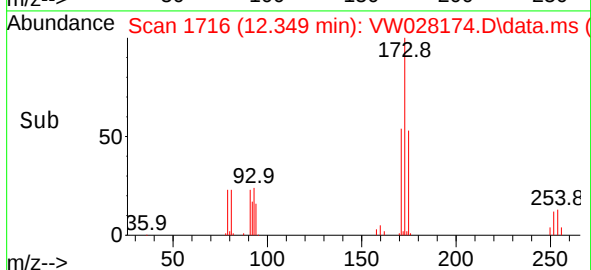
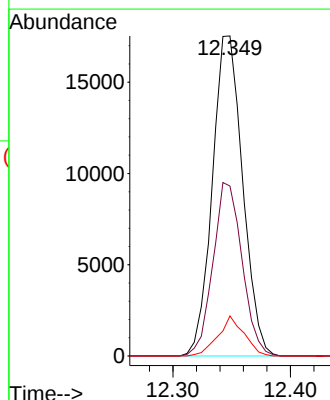
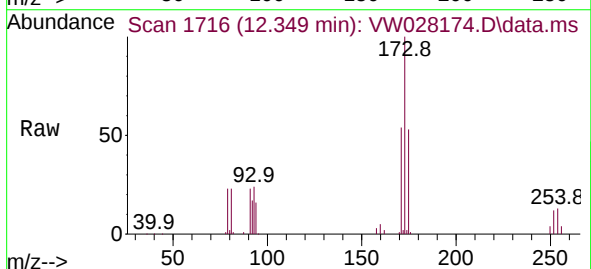
Tgt Ion:173 Resp: 31487

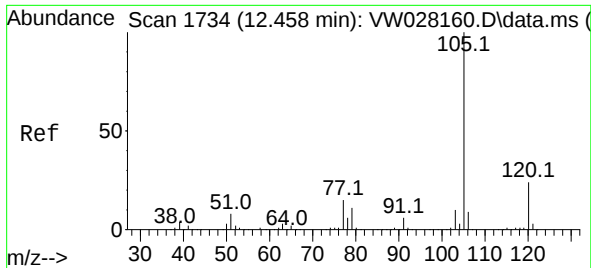
Ion Ratio Lower Upper

173 100

175 52.0 37.2 55.8

254 10.7 8.5 12.7

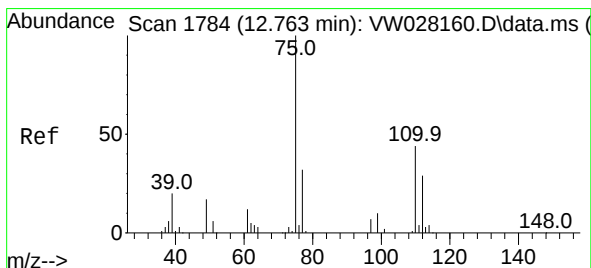
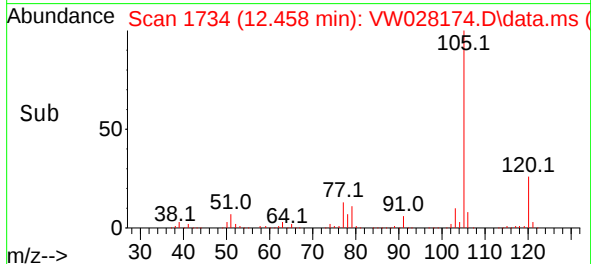
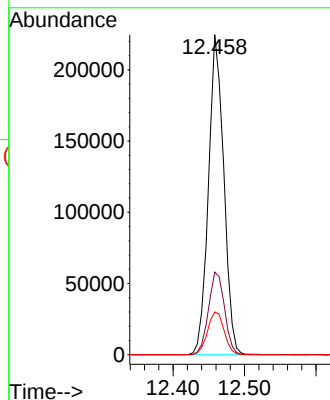
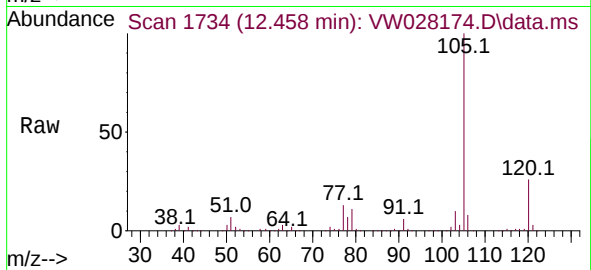




#60
Isopropylbenzene
Concen: 22.636 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

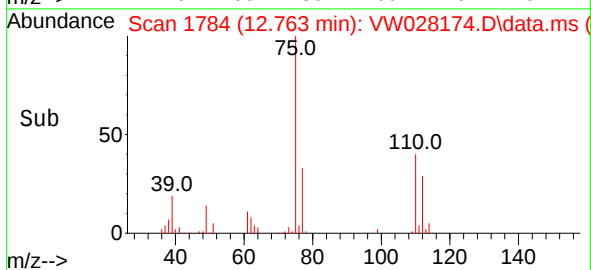
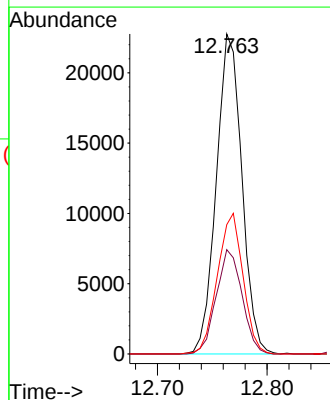
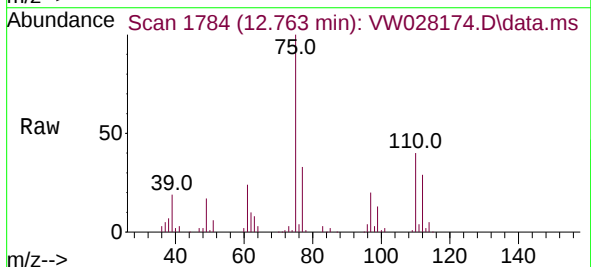
Instrument :
MSVOA_W
ClientSampleId :

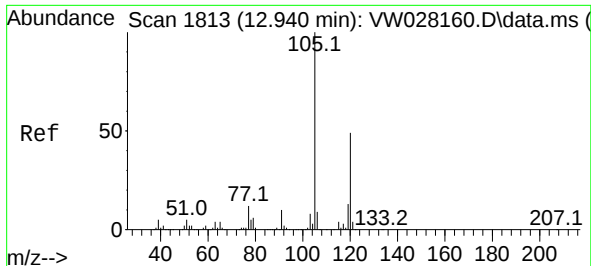
Tgt Ion:105 Resp: 334698
Ion Ratio Lower Upper
105 100
120 27.1 22.2 33.2
77 14.5 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 22.280 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Tgt Ion: 75 Resp: 36913
Ion Ratio Lower Upper
75 100
77 32.9 25.9 38.9
110 44.1 34.1 51.1

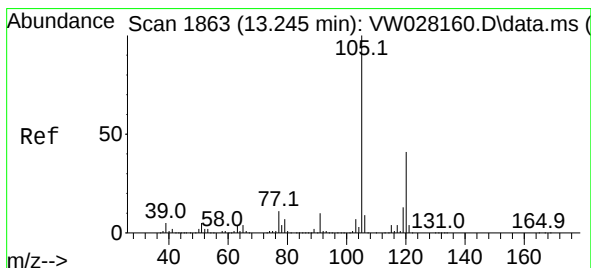
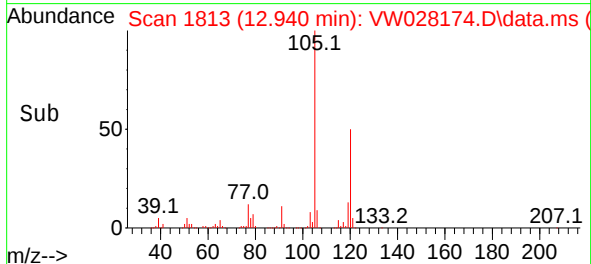
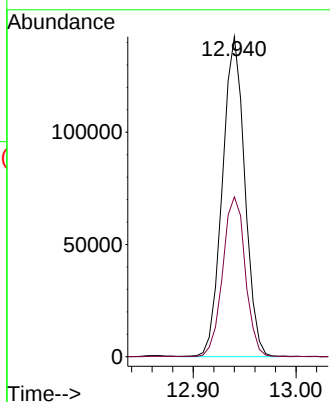
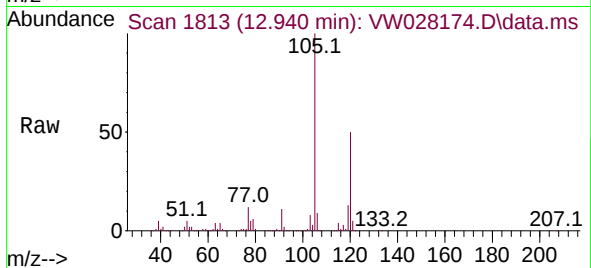




#62
1,3,5-Trimethylbenzene
Concen: 22.270 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

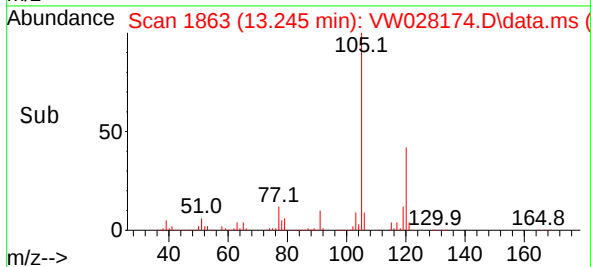
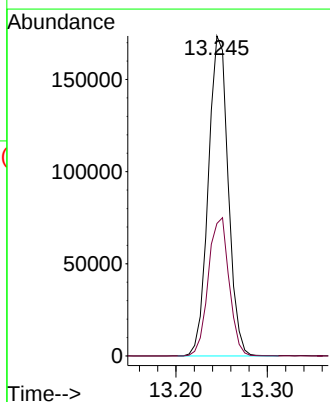
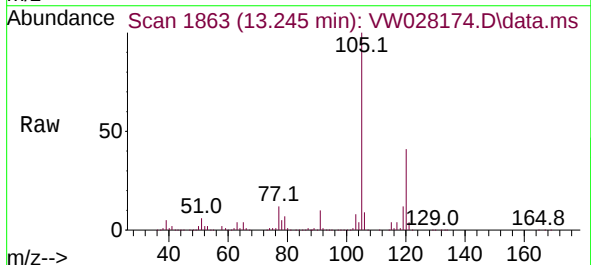
Instrument :
MSVOA_W
ClientSampleId :

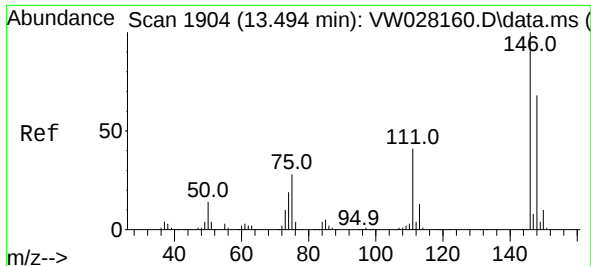
Tgt Ion:105 Resp: 215893
Ion Ratio Lower Upper
105 100
120 50.3 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 22.671 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Tgt Ion:105 Resp: 262091
Ion Ratio Lower Upper
105 100
120 45.1 36.4 54.6

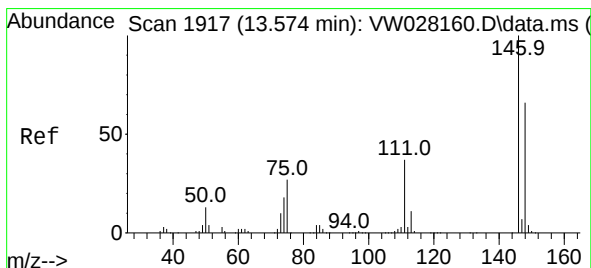
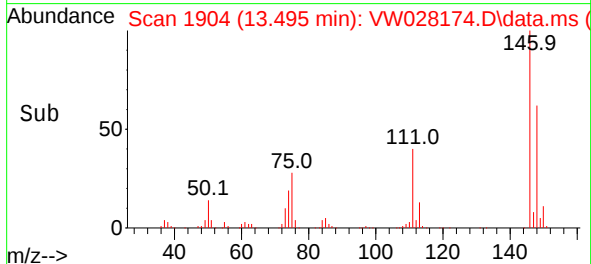
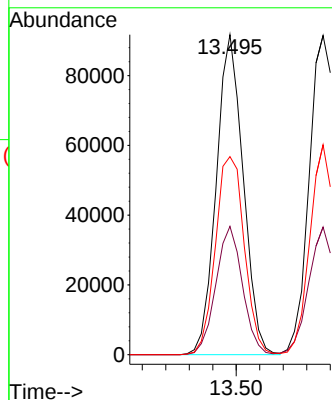
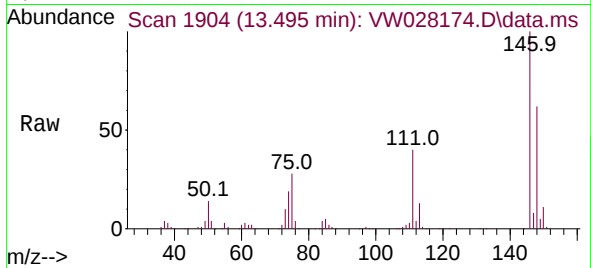




#64
1,3-Dichlorobenzene
Concen: 21.369 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

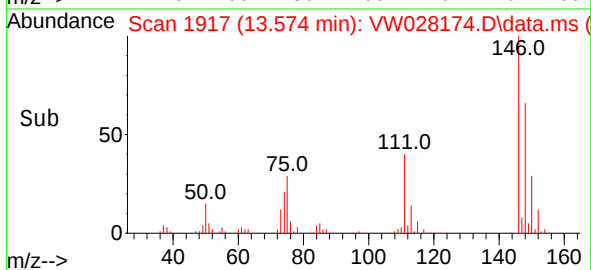
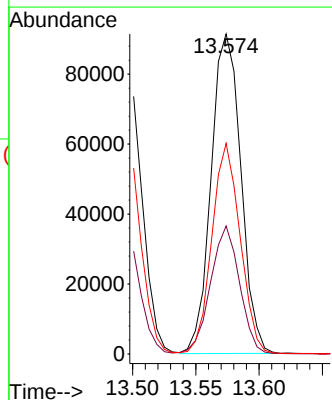
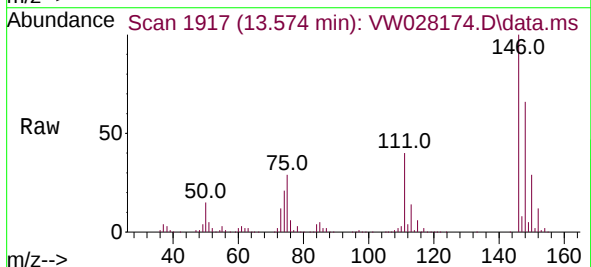
Instrument :
MSVOA_W
ClientSampleId :

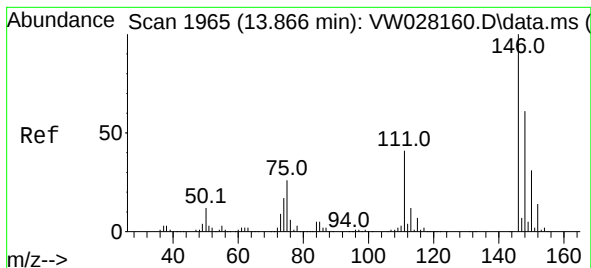
Tgt Ion:146 Resp: 146024
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.9
148 61.9 38.7 71.9



#65
1,4-Dichlorobenzene
Concen: 21.674 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028174.D
Acq: 13 Mar 2024 17:35

Tgt Ion:146 Resp: 149526
Ion Ratio Lower Upper
146 100
111 40.0 29.3 54.5
148 65.8 47.5 88.1





#67

1,2-Dichlorobenzene

Concen: 21.443 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :

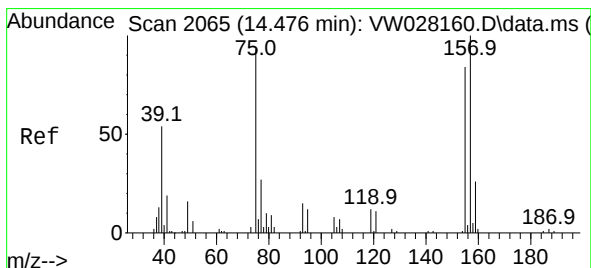
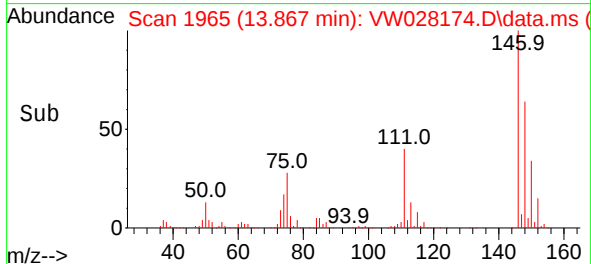
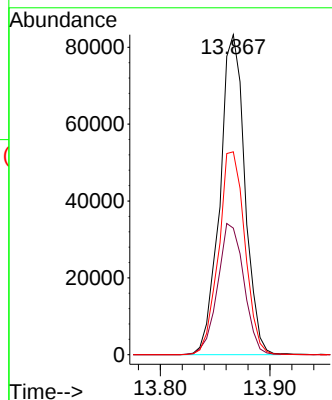
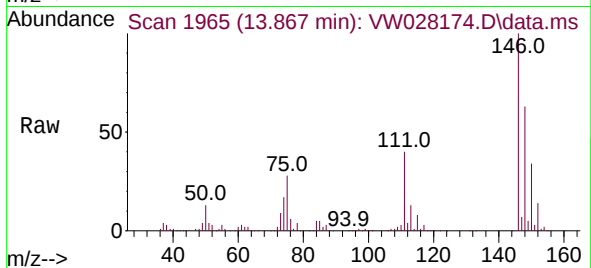
Tgt Ion:146 Resp: 131989

Ion Ratio Lower Upper

146 100

111 39.6 35.4 53.0

148 63.4 55.4 83.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.464 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

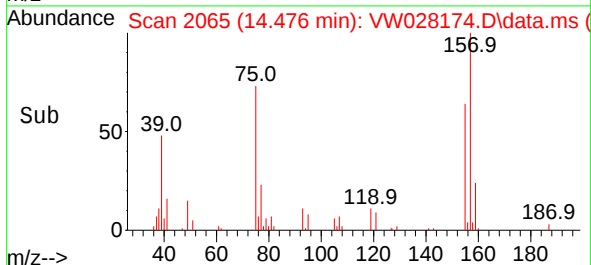
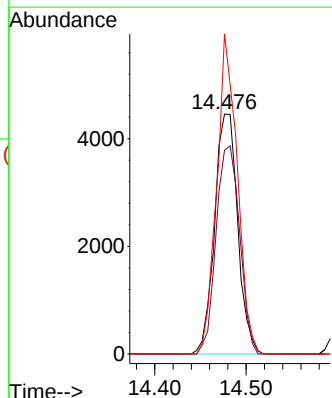
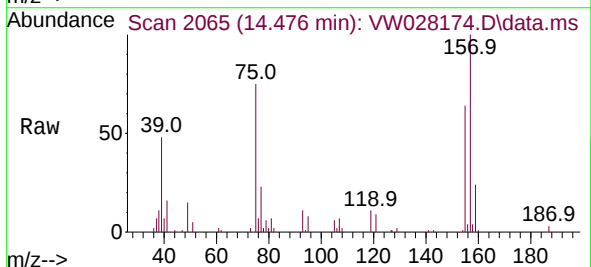
Tgt Ion: 75 Resp: 7817

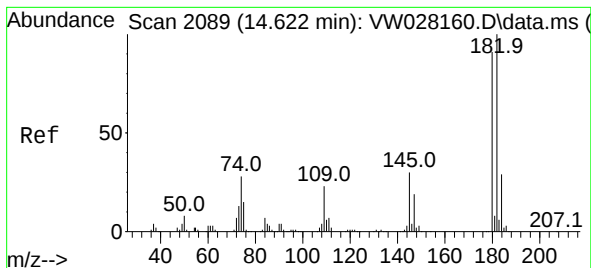
Ion Ratio Lower Upper

75 100

155 85.0 69.3 103.9

157 133.5 82.4 123.6#





#69

1,3,5-Trichlorobenzene

Concen: 21.719 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

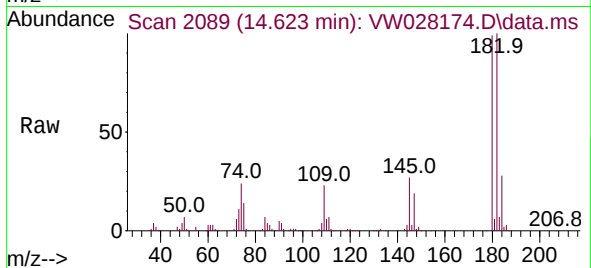
Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 109527

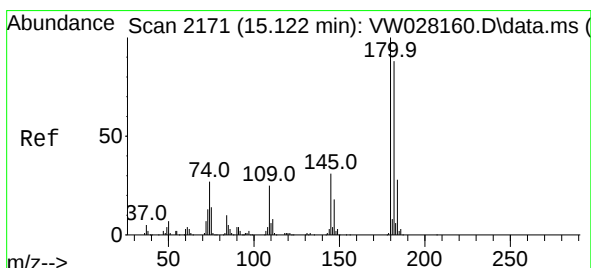
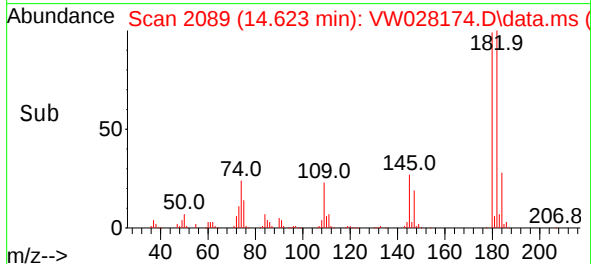
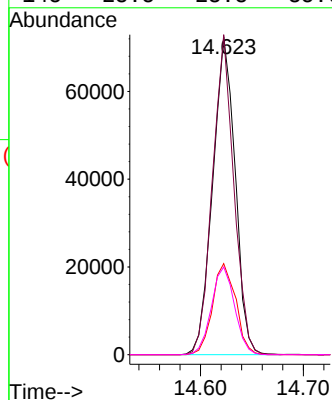
Ion Ratio Lower Upper

180 100

182 96.2 78.2 117.4

184 29.8 25.4 38.2

145 28.5 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 21.537 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

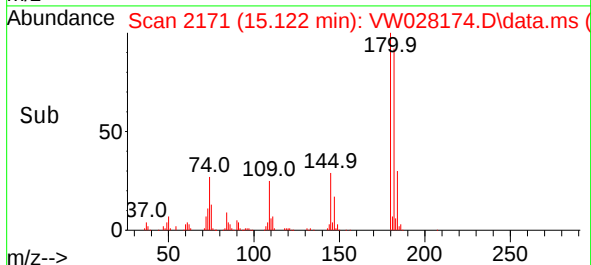
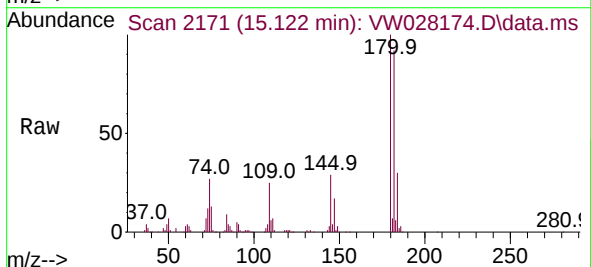
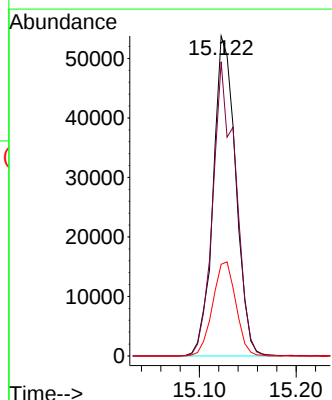
Tgt Ion:180 Resp: 87221

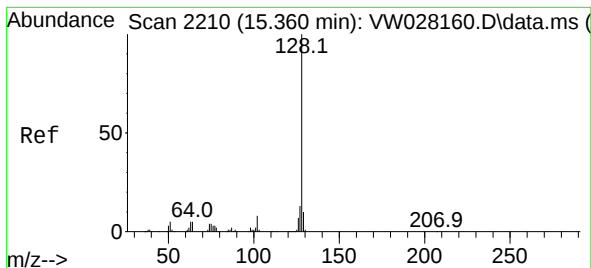
Ion Ratio Lower Upper

180 100

182 92.4 80.1 120.1

145 30.3 24.3 36.5





#71

Naphthalene

Concen: 22.507 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Instrument :

MSVOA_W

ClientSampleId :

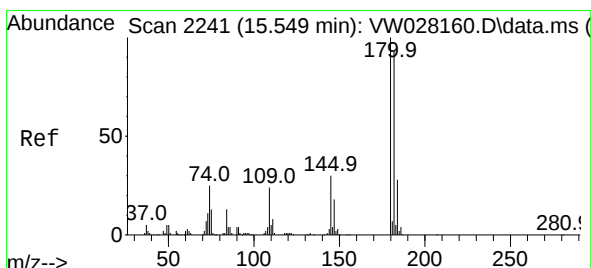
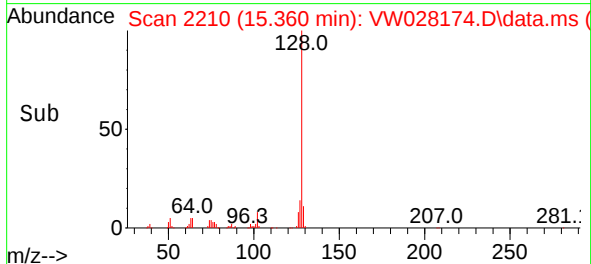
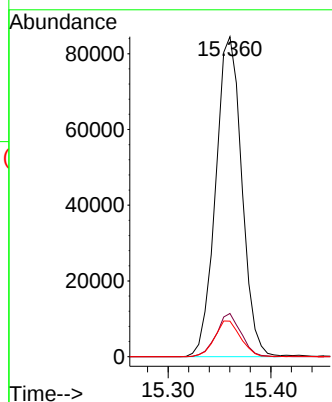
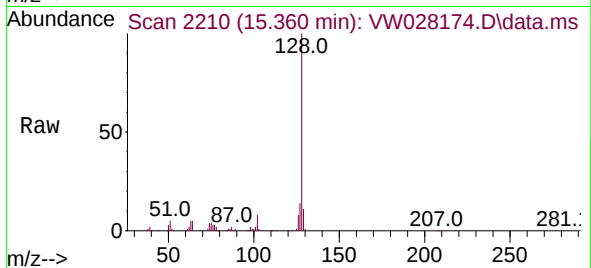
Tgt Ion:128 Resp: 149074

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 21.761 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028174.D

Acq: 13 Mar 2024 17:35

Tgt Ion:180 Resp: 73695

Ion Ratio Lower Upper

180 100

182 96.4 81.4 122.2

145 31.8 26.2 39.2

