

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031324\
 Data File : VW028160.D
 Acq On : 13 Mar 2024 09:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 14 01:22:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 13 01:09:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	265822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244961	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	136623	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	72879	22.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.880%
7) Chloroethane-d5	2.911	69	57350	23.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
11) 1,1-Dichloroethene-d2	4.027	65	29654	22.879	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.520%
21) 2-Butanone-d5	7.087	46	22381	49.444	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.880%
24) Chloroform-d	7.654	84	146023	25.936	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.760%
26) 1,2-Dichloroethane-d4	8.306	65	67585	25.793	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.160%
32) Benzene-d6	8.276	84	278354	24.341	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.270	67	74192	25.111	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.440%
41) Toluene-d8	10.318	98	261292	24.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	10.574	79	31951	24.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.720%
47) 2-Hexanone-d5	10.922	63	20919	50.267	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	59437	25.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	92854	22.853	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.027	85	71770	26.427	ug/L	94
3) Chloromethane	2.228	50	66138	25.614	ug/L	100
5) Vinyl chloride	2.381	62	95124	26.435	ug/L	100
6) Bromomethane	2.801	94	67053	23.356	ug/L	95
8) Chloroethane	2.942	64	55832	24.706	ug/L	98
9) Trichlorofluoromethane	3.277	101	82563	24.599	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	90244	25.862	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	82633	25.006	ug/L	84
13) Acetone	4.130	43	28980	45.803	ug/L	98
14) Carbon disulfide	4.399	76	237505	23.595	ug/L	99
15) Methyl Acetate	4.673	43	20643	23.084	ug/L #	44
16) Methylene chloride	4.923	84	81462	22.278	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	87050	24.654	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	103835	24.012	ug/L	98
19) 1,1-Dichloroethane	6.221	63	140275	25.125	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	92439	24.877	ug/L	96
22) 2-Butanone	7.172	43	31637	44.772	ug/L	99
23) Bromochloromethane	7.514	128	43329	24.838	ug/L	97
25) Chloroform	7.678	83	158020	25.341	ug/L	99

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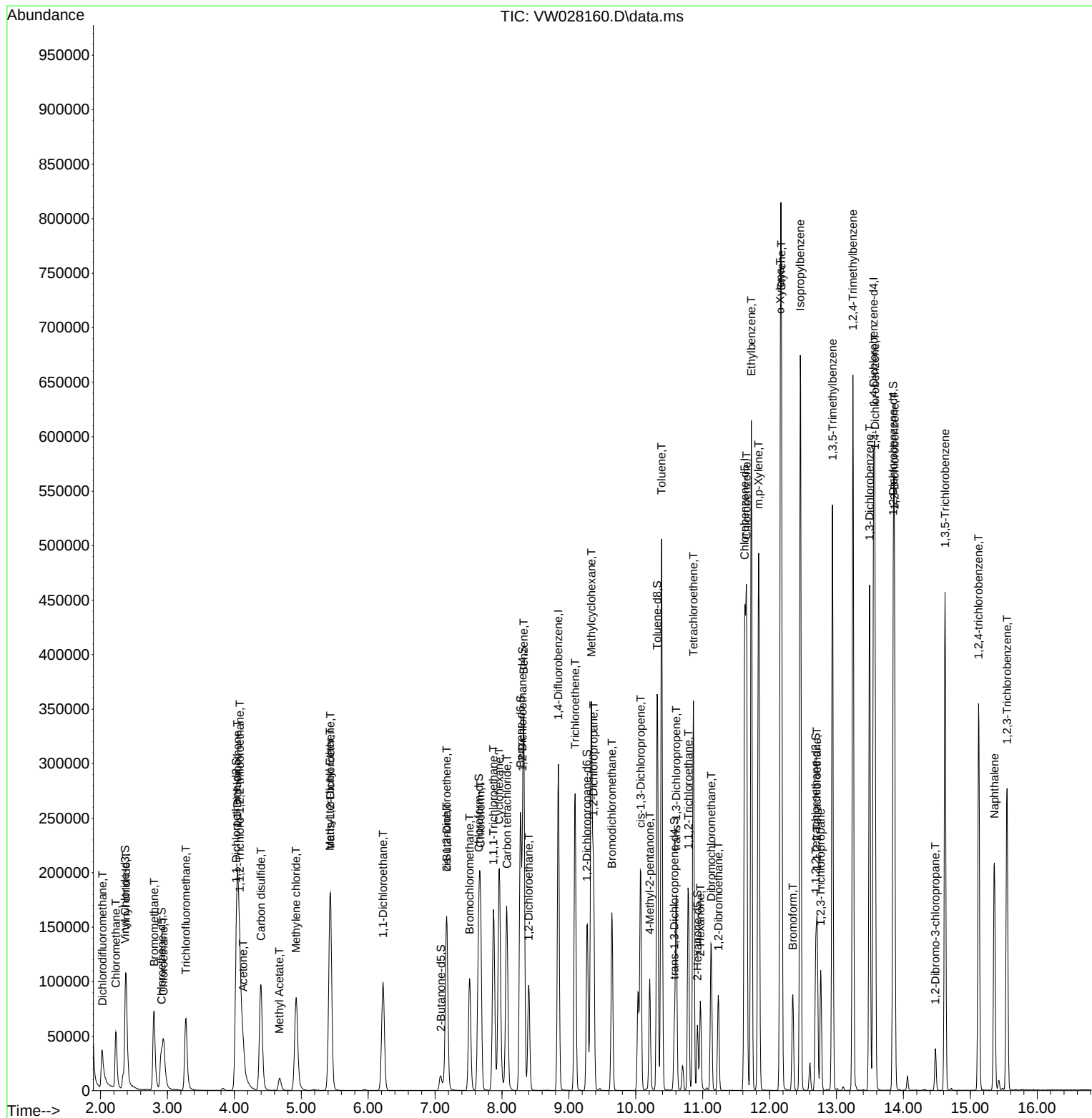
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	92666	24.990	ug/L	99
29) Cyclohexane	7.959	56	115213	24.459	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	141254	25.826	ug/L	99
31) Carbon tetrachloride	8.075	117	134240	26.283	ug/L	100
33) Benzene	8.325	78	333644	25.212	ug/L	100
34) Trichloroethene	9.093	95	95166	24.543	ug/L	93
35) Methylcyclohexane	9.337	83	158396	25.239	ug/L	99
37) 1,2-Dichloropropane	9.367	63	75757	24.582	ug/L	100
38) Bromodichloromethane	9.642	83	110326	24.784	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	128755	25.406	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	57788	47.210	ug/L	97
42) Toluene	10.385	91	377498	25.245	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	104571	25.400	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	61458	23.778	ug/L	99
46) Tetrachloroethene	10.861	164	79120	24.346	ug/L	87
48) 2-Hexanone	10.964	43	45527	45.999	ug/L	98
49) Dibromochloromethane	11.129	129	76103	25.329	ug/L	92
50) 1,2-Dibromoethane	11.233	107	59347	23.840	ug/L	97
51) Chlorobenzene	11.653	112	252639	25.321	ug/L	96
52) Ethylbenzene	11.727	91	428950	25.090	ug/L	99
53) m,p-Xylene	11.836	106	171181	25.807	ug/L	95
54) o-Xylene	12.159	106	161675	25.754	ug/L	94
55) Styrene	12.178	104	271902	25.397	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	67310	24.153	ug/L	99
59) Bromoform	12.348	173	41524	21.439	ug/L	91
60) Isopropylbenzene	12.458	105	452726	24.154	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	45953	21.880	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	287073	23.361	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	353358	24.113	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	198434	22.908	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	196042	22.417	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	179107	22.954	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	9721	22.037	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	143625	22.468	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	119816	23.339	ug/L	94
71) Naphthalene	15.360	128	196336	23.384	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	98652	22.979	ug/L	95

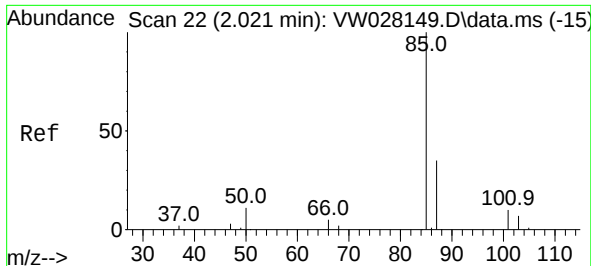
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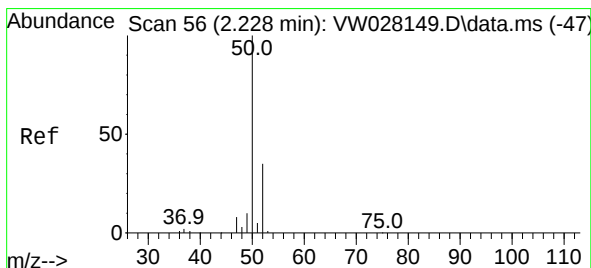
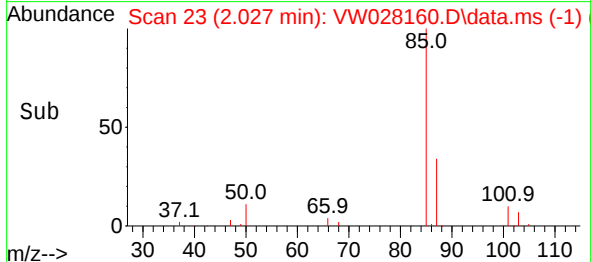
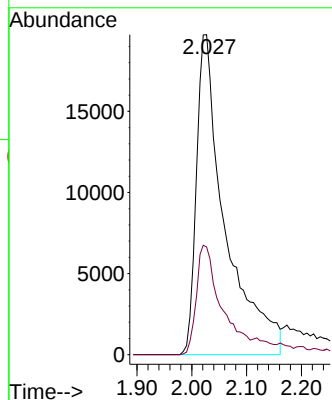
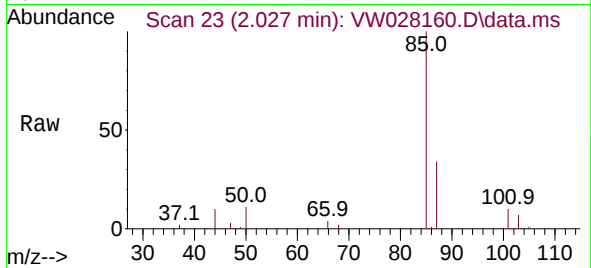




#2
Dichlorodifluoromethane
Concen: 26.427 ug/L
RT: 2.027 min Scan# 24
Delta R.T. 0.006 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

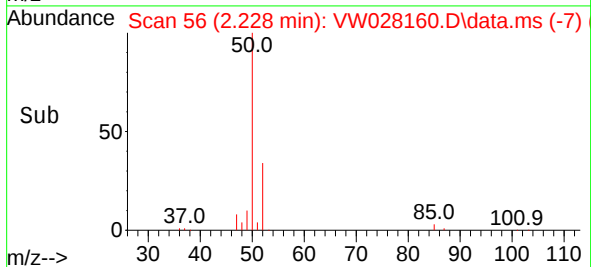
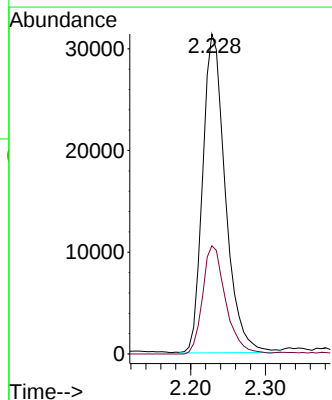
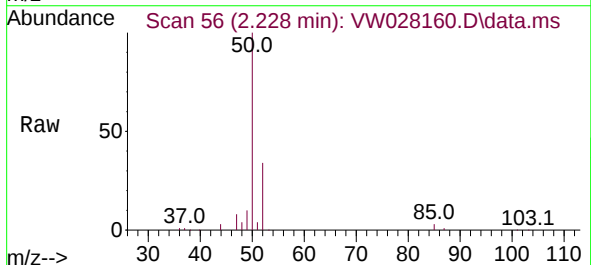
Instrument :
MSVOA_W
ClientSampleId :

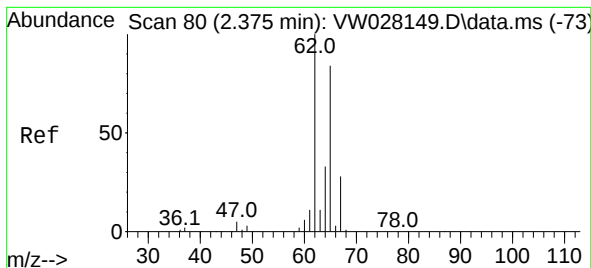
Tgt Ion: 85 Resp: 71770
Ion Ratio Lower Upper
85 100
87 29.7 26.6 39.8



#3
Chloromethane
Concen: 25.614 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Tgt Ion: 50 Resp: 66138
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9





#5

Vinyl chloride

Concen: 26.435 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

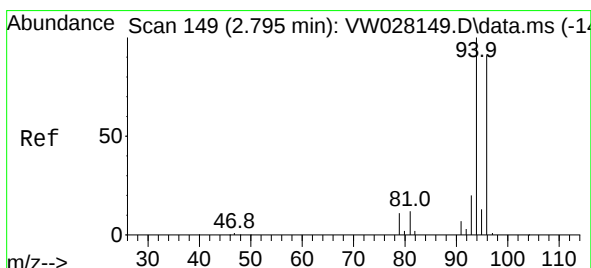
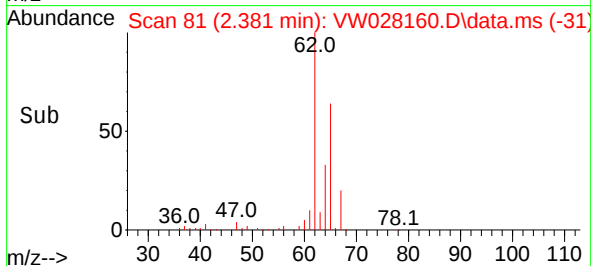
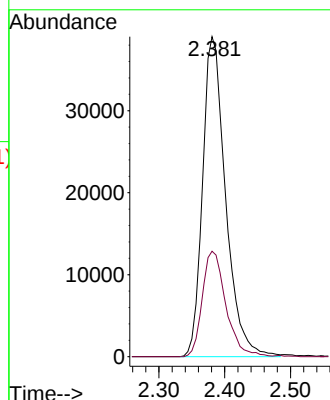
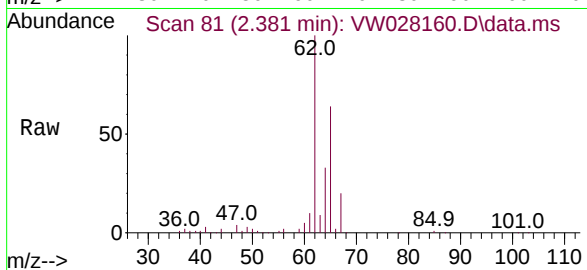
ClientSampleId :

Tgt Ion: 62 Resp: 95124

Ion Ratio Lower Upper

62 100

64 33.0 23.2 43.0



#6

Bromomethane

Concen: 23.356 ug/L

RT: 2.801 min Scan# 150

Delta R.T. 0.006 min

Lab File: VW028160.D

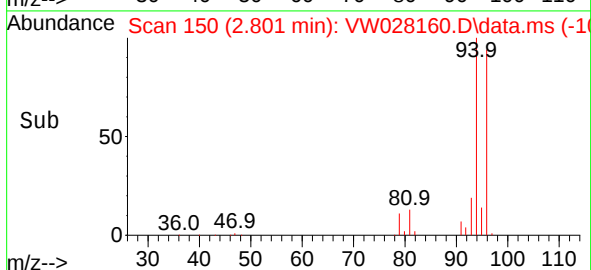
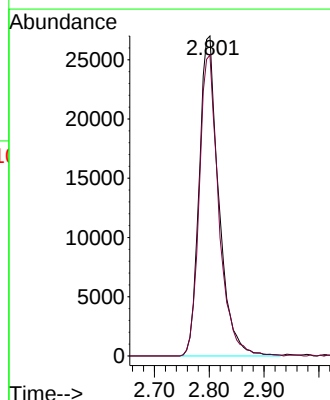
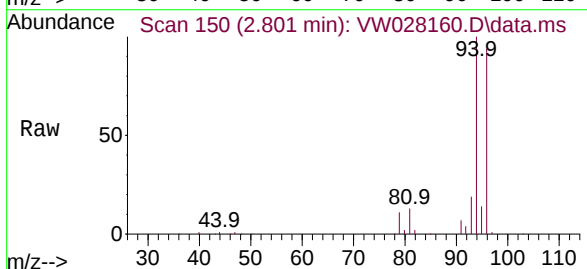
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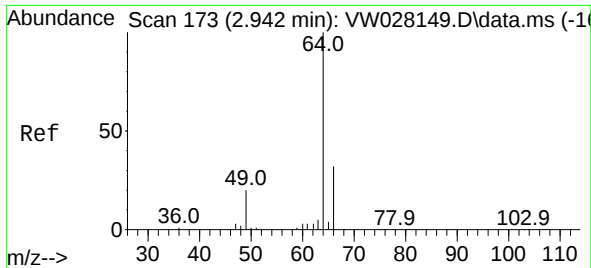
Tgt Ion: 94 Resp: 67053

Ion Ratio Lower Upper

94 100

96 94.0 69.1 128.3

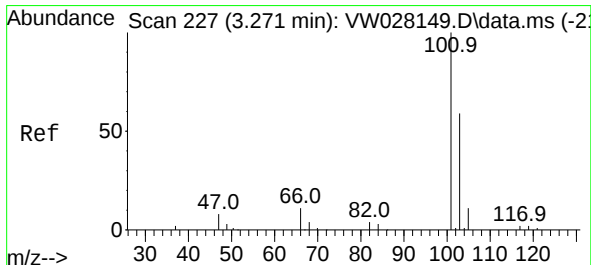
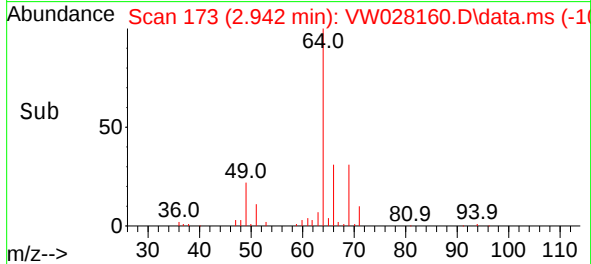
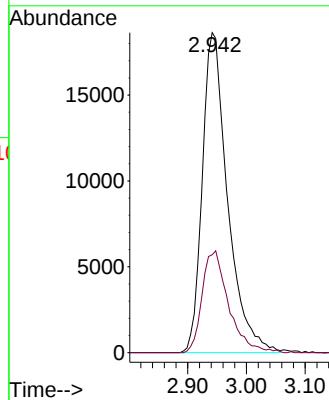
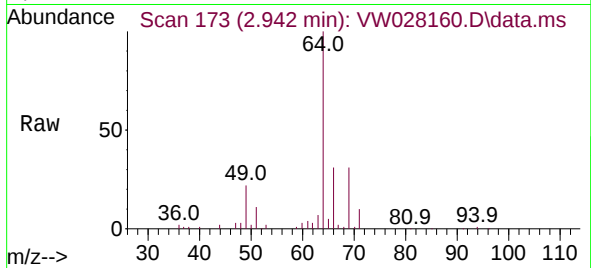




#8
Chloroethane
Concen: 24.706 ug/L
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

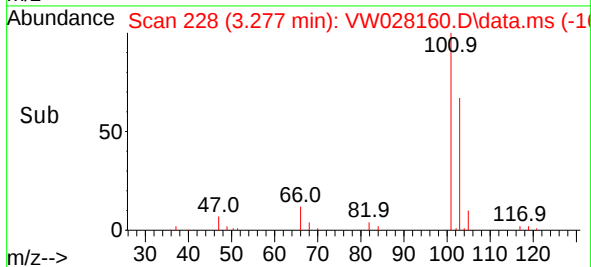
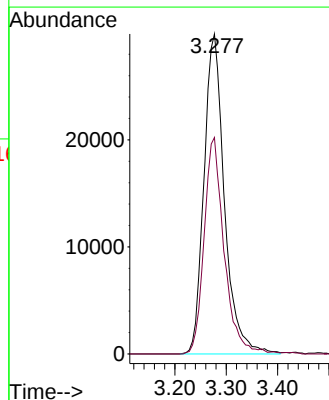
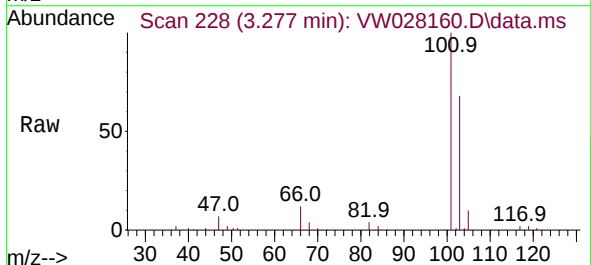
Instrument :
MSVOA_W
ClientSampleId :

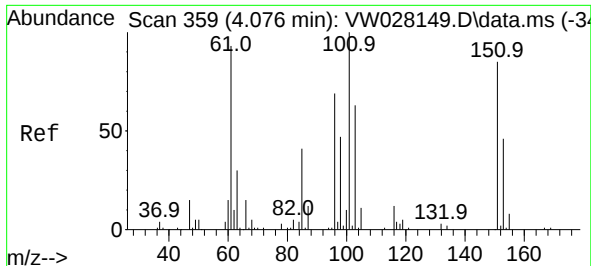
Tgt Ion: 64 Resp: 55832
Ion Ratio Lower Upper
64 100
66 30.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 24.599 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Tgt Ion:101 Resp: 82563
Ion Ratio Lower Upper
101 100
103 65.4 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.862 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

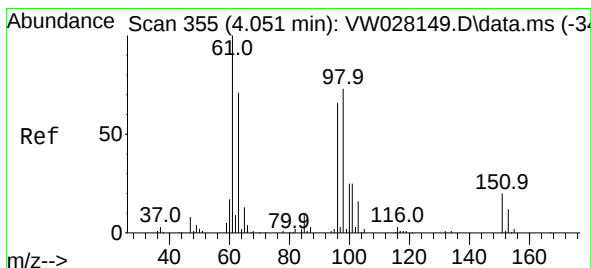
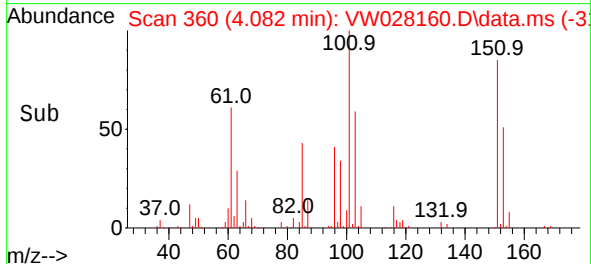
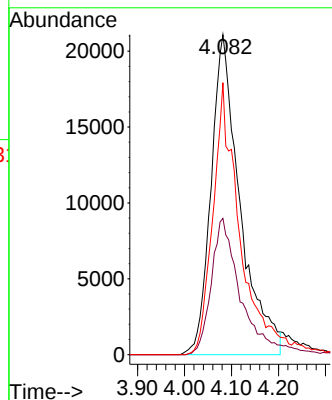
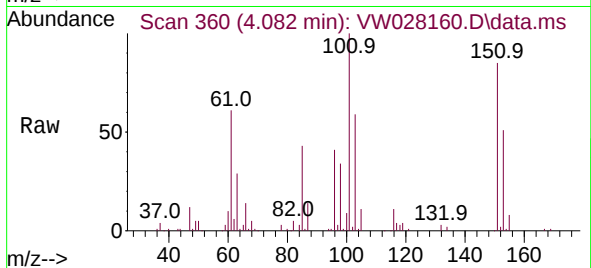
Tgt Ion:101 Resp: 90244

Ion Ratio Lower Upper

101 100

85 39.5 33.1 49.7

151 43.5 53.7 80.5#



#12

1,1-Dichloroethene

Concen: 25.006 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

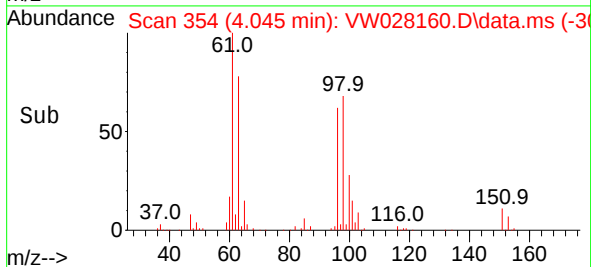
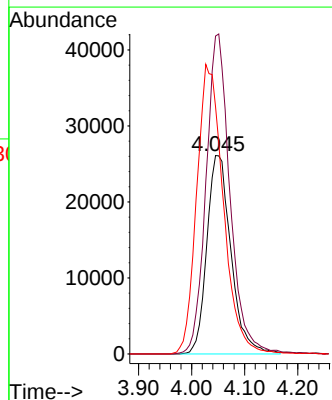
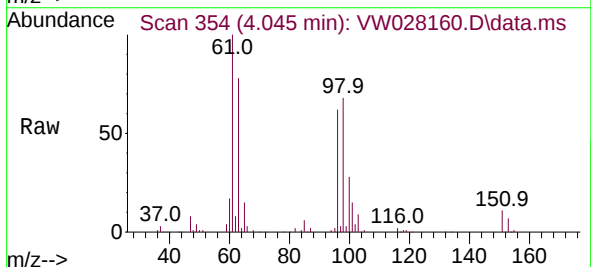
Tgt Ion: 96 Resp: 82633

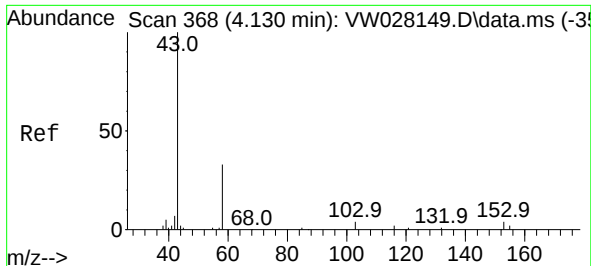
Ion Ratio Lower Upper

96 100

61 160.3 100.5 186.7

63 124.6 72.9 135.5





#13

Acetone

Concen: 45.803 ug/L

RT: 4.130 min Scan# 368

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

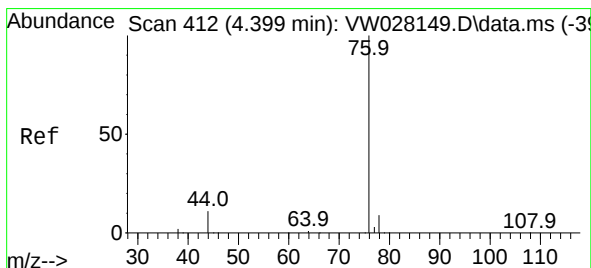
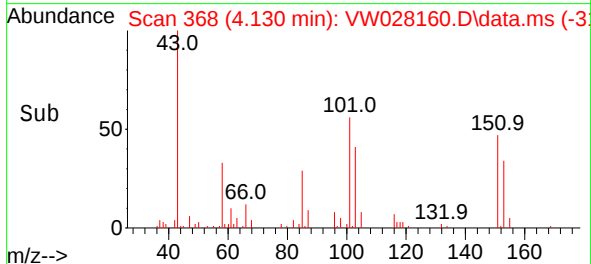
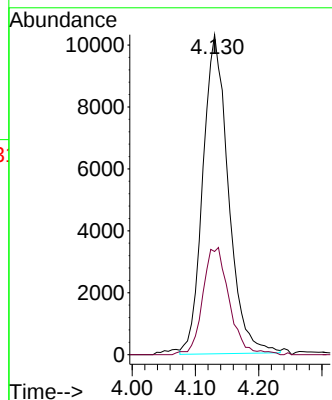
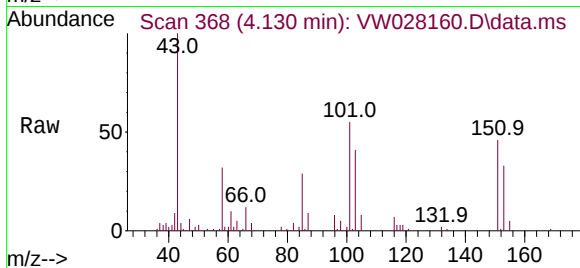
ClientSampleId :

Tgt Ion: 43 Resp: 28980

Ion Ratio Lower Upper

43 100

58 33.9 0.0 70.0



#14

Carbon disulfide

Concen: 23.595 ug/L

RT: 4.399 min Scan# 412

Delta R.T. -0.000 min

Lab File: VW028160.D

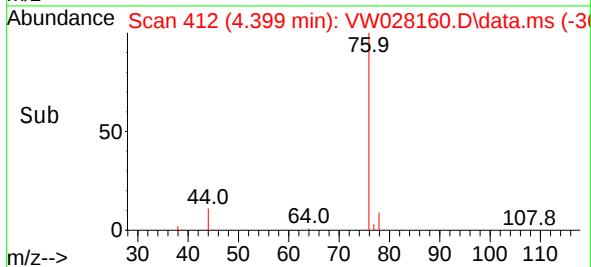
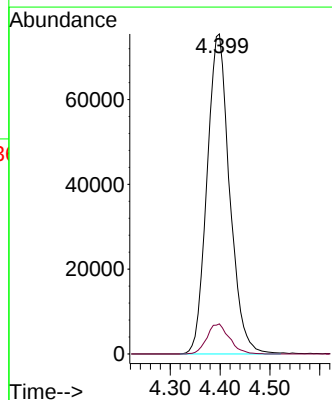
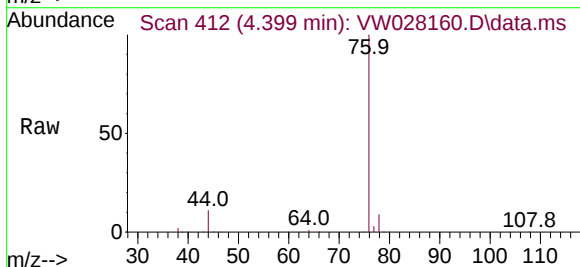
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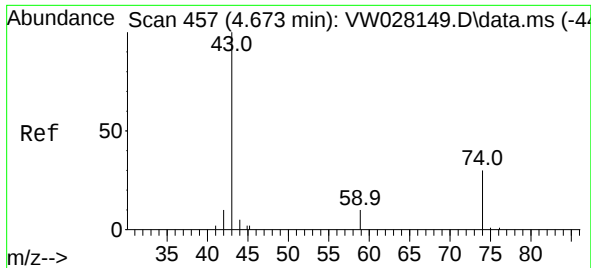
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Ion Ratio Lower Upper

76 100

78 9.4 7.9 11.9

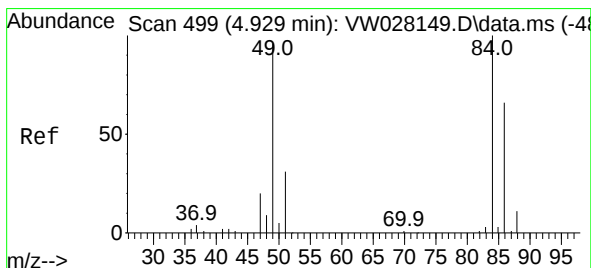
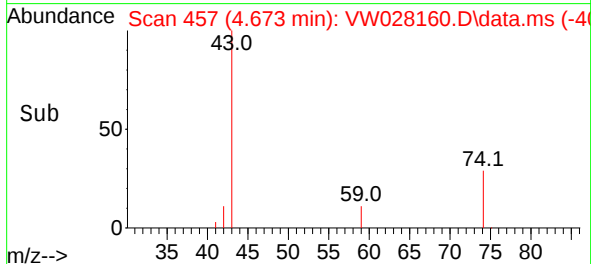
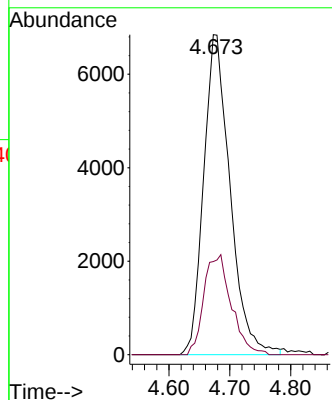
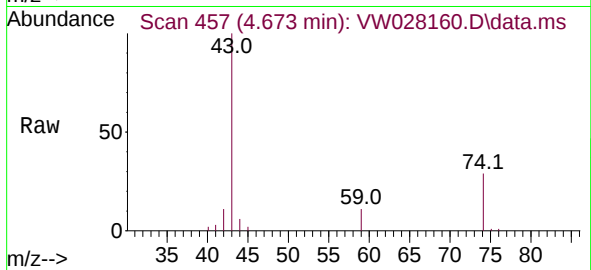




#15
Methyl Acetate
Concen: 23.084 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

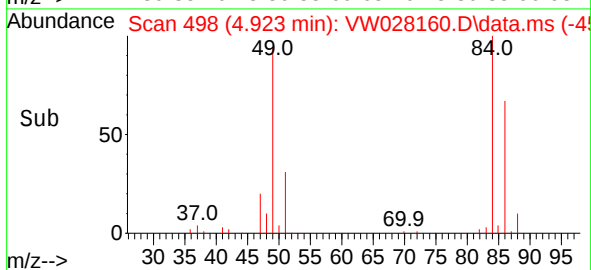
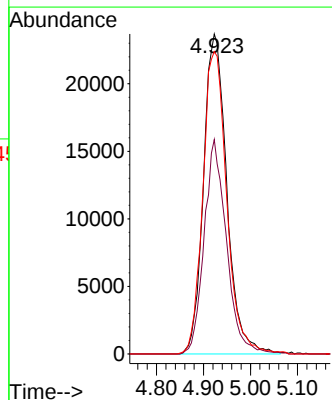
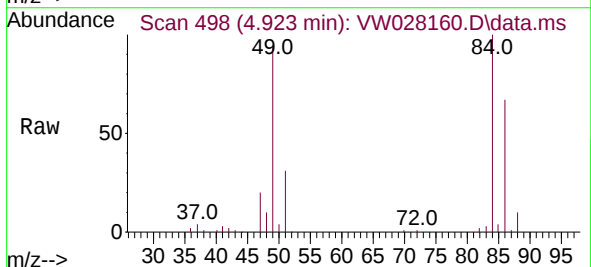
Instrument :
MSVOA_W
ClientSampleId :

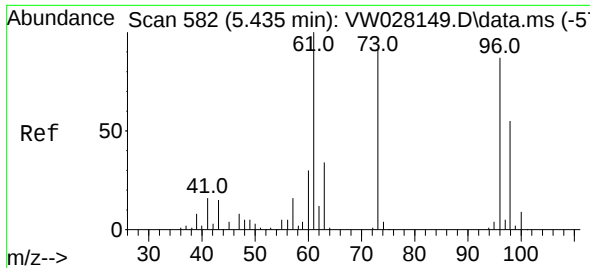
Tgt Ion: 43 Resp: 20643
Ion Ratio Lower Upper
43 100
74 0.0 24.3 36.5#



#16
Methylene chloride
Concen: 22.278 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Tgt Ion: 84 Resp: 81462
Ion Ratio Lower Upper
84 100
86 67.0 41.2 76.6
49 94.5 66.5 123.5

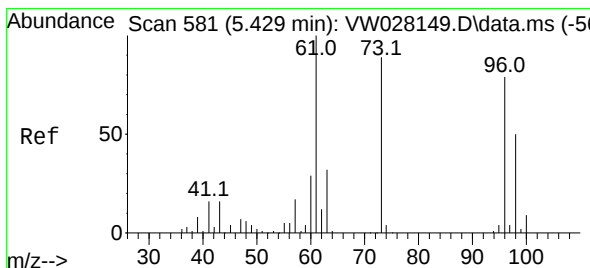
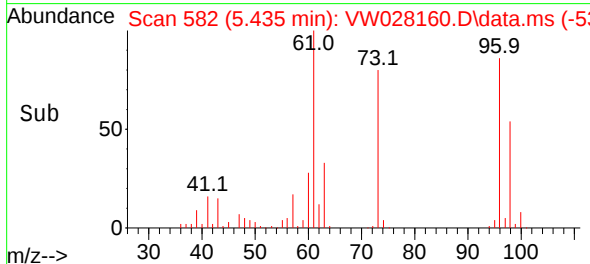
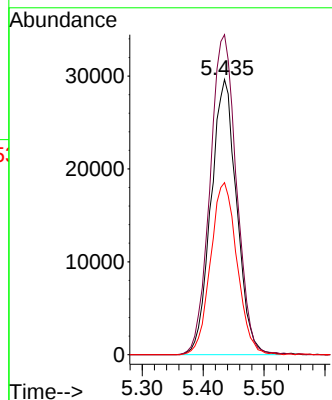
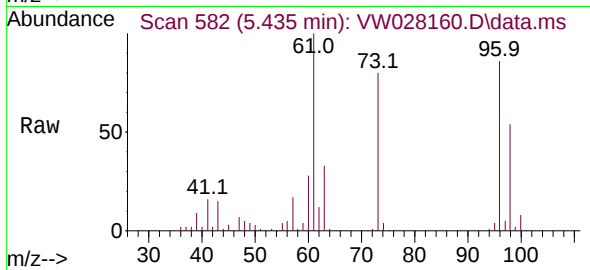




#17
trans-1,2-Dichloroethene
Concen: 24.654 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

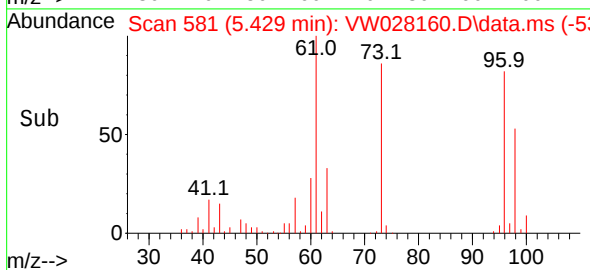
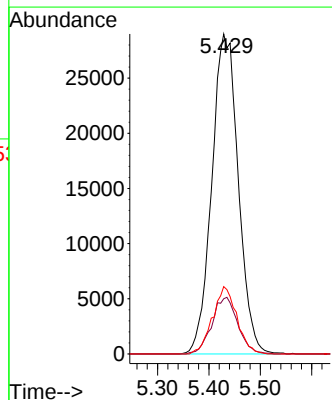
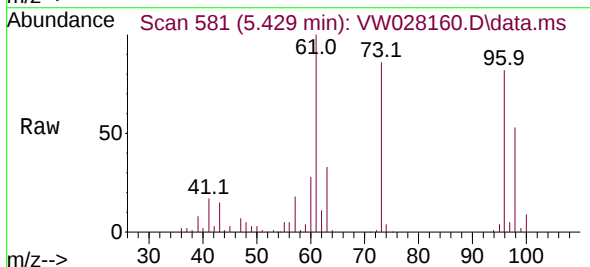
Instrument :
MSVOA_W
ClientSampleId :

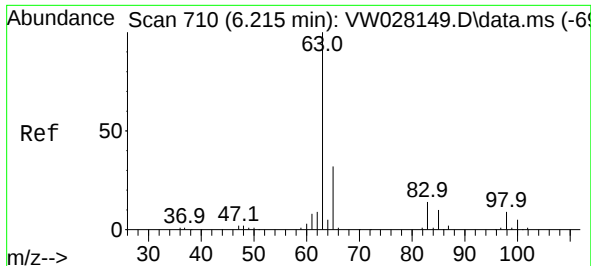
Tgt Ion: 96 Resp: 87050
Ion Ratio Lower Upper
96 100
61 116.3 82.6 153.4
98 62.5 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 24.012 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Tgt Ion: 73 Resp: 103835
Ion Ratio Lower Upper
73 100
43 17.3 13.3 19.9
57 19.2 15.9 23.9

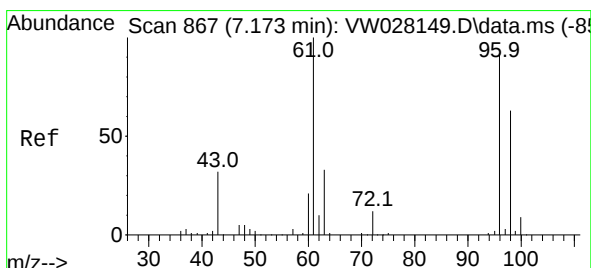
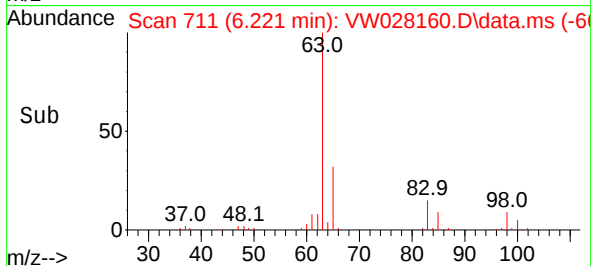
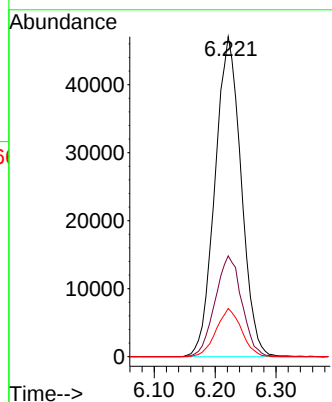
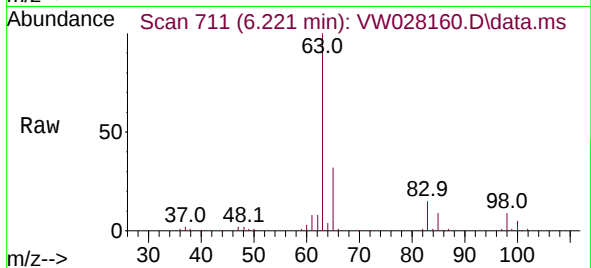




#19
1,1-Dichloroethane
Concen: 25.125 ug/L
RT: 6.221 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

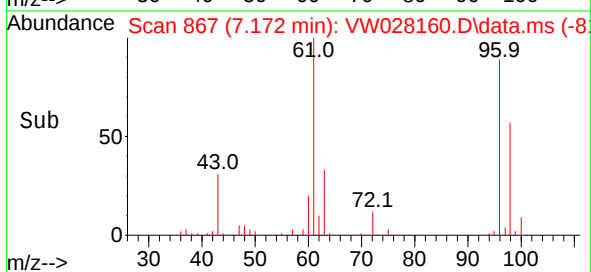
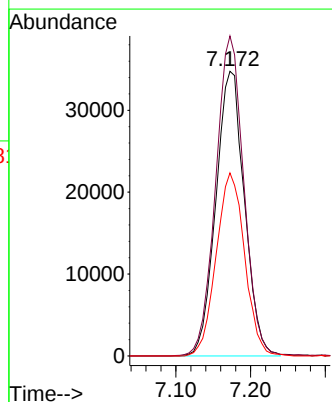
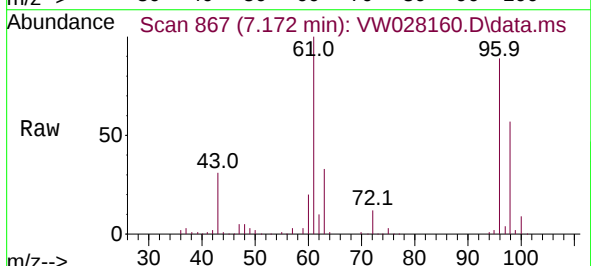
Instrument :
MSVOA_W
ClientSampleId :

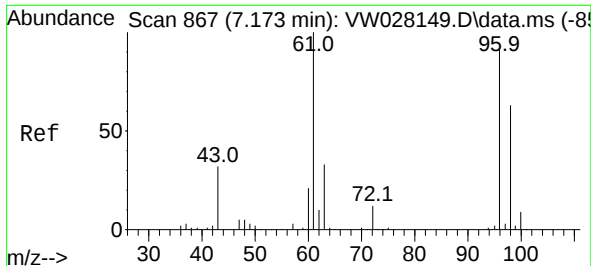
Tgt Ion: 63 Resp: 140275
Ion Ratio Lower Upper
63 100
65 31.5 23.2 43.0
83 15.1 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 24.877 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Tgt Ion: 96 Resp: 92439
Ion Ratio Lower Upper
96 100
61 112.4 75.5 140.1
98 64.3 43.8 81.4





#22

2-Butanone

Concen: 44.772 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

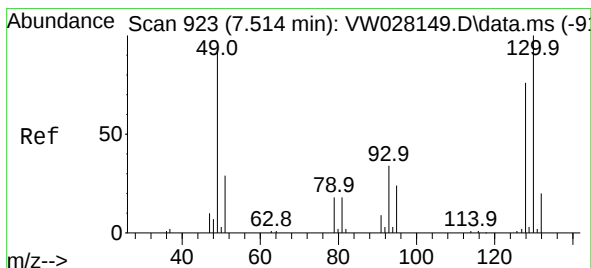
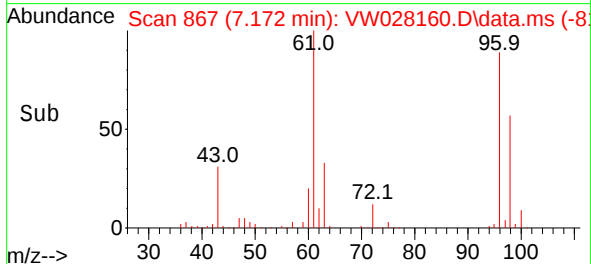
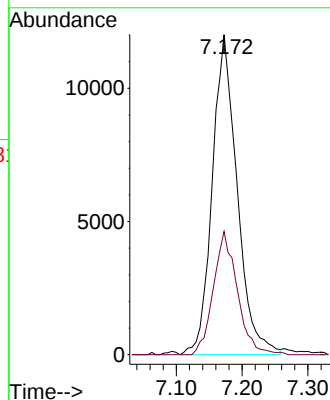
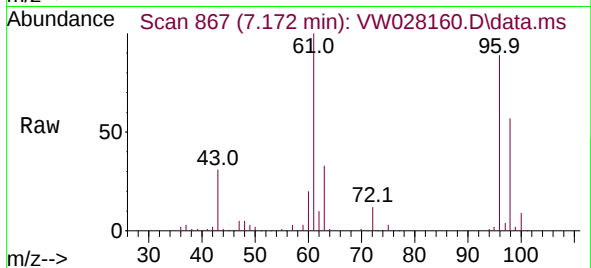
ClientSampleId :

Tgt Ion: 43 Resp: 31637

Ion Ratio Lower Upper

43 100

72 37.2 18.4 55.0



#23

Bromochloromethane

Concen: 24.838 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Tgt Ion: 128 Resp: 43329

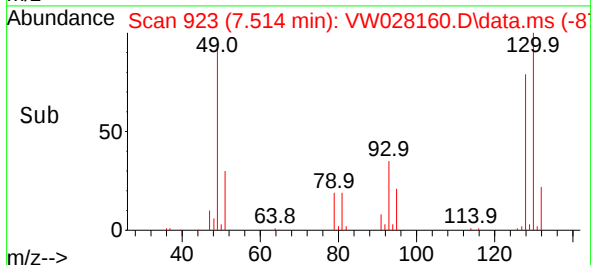
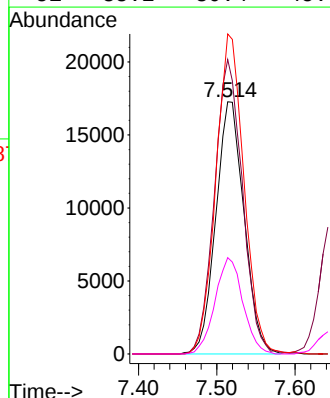
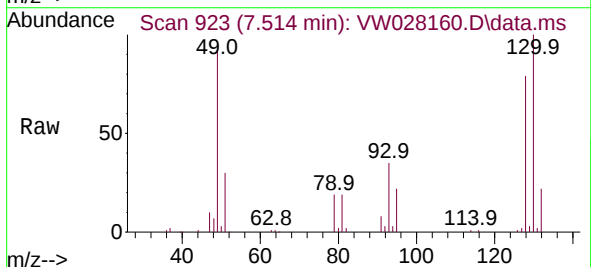
Ion Ratio Lower Upper

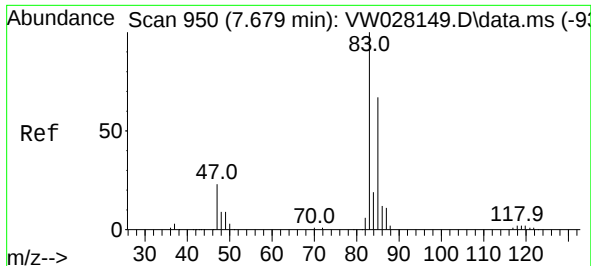
128 100

49 116.8 84.4 156.8

130 126.9 91.1 169.3

51 38.2 30.4 45.6





#25

Chloroform

Concen: 25.341 ug/L

RT: 7.678 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

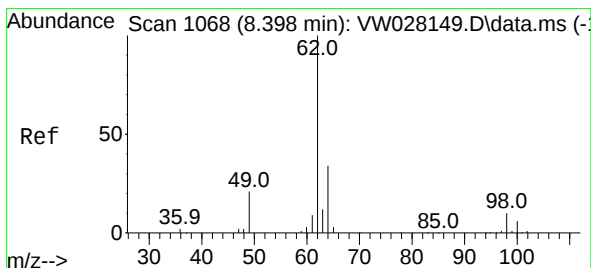
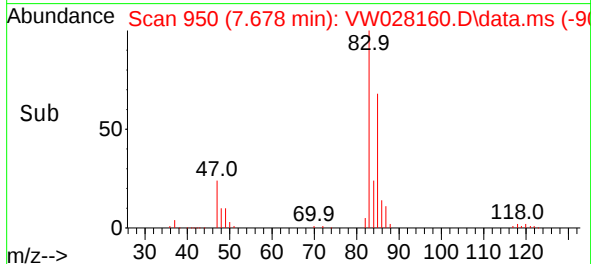
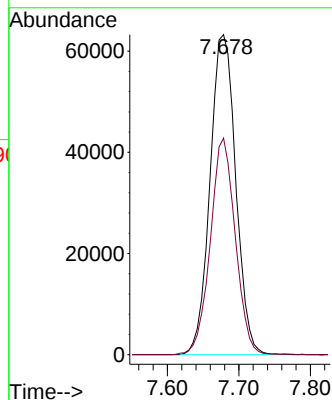
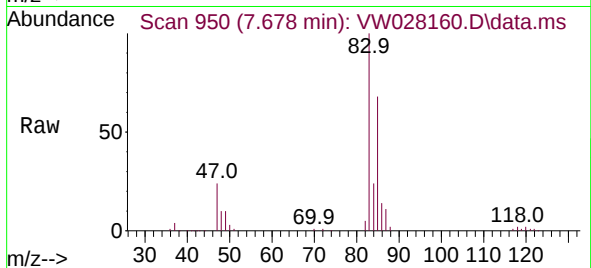
ClientSampleId :

Tgt Ion: 83 Resp: 158020

Ion Ratio Lower Upper

83 100

85 67.7 46.5 86.5



#27

1,2-Dichloroethane

Concen: 24.990 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028160.D

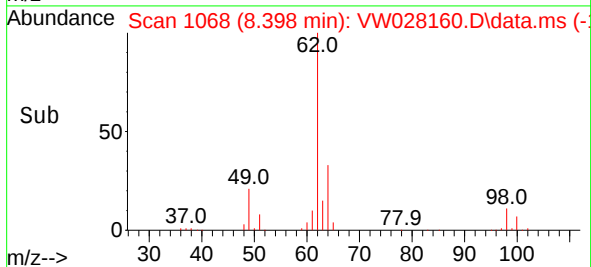
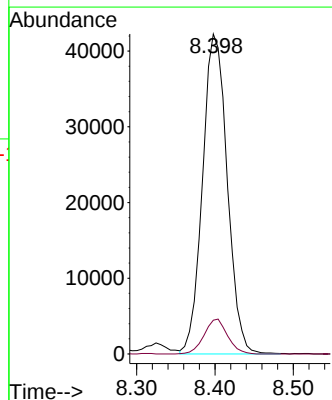
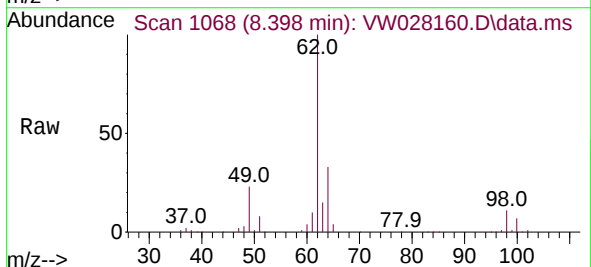
Acq: 13 Mar 2024 09:40

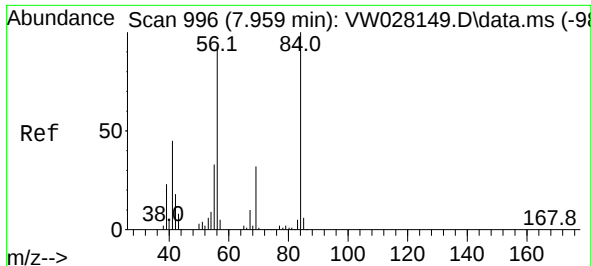
Tgt Ion: 62 Resp: 92666

Ion Ratio Lower Upper

62 100

98 10.6 8.2 12.4





#29

Cyclohexane

Concen: 24.459 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

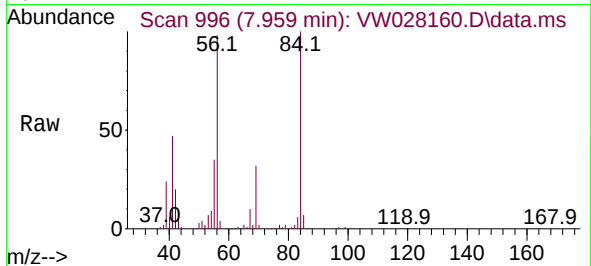
Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :



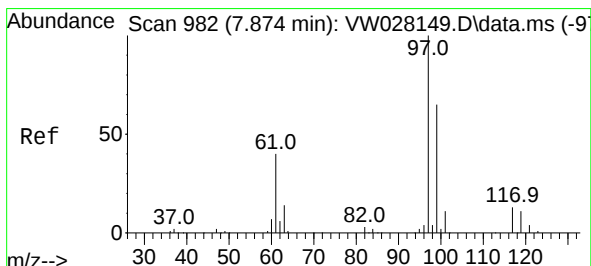
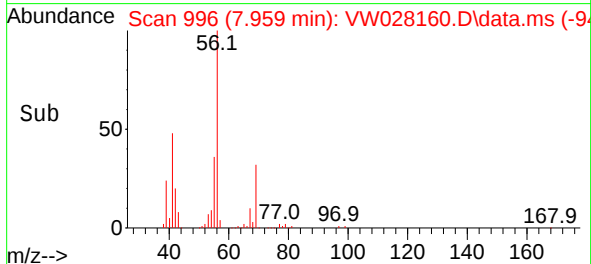
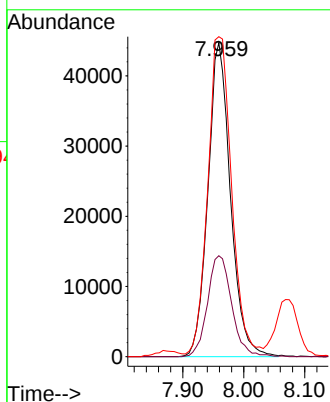
Tgt Ion: 56 Resp: 115213

Ion Ratio Lower Upper

56 100

69 34.1 27.6 41.4

84 108.3 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 25.826 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

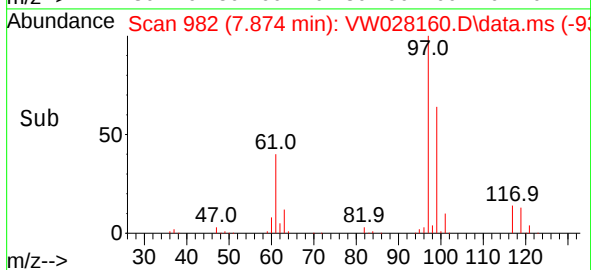
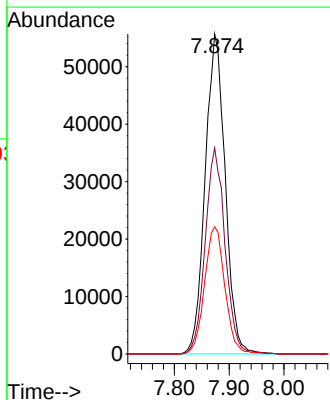
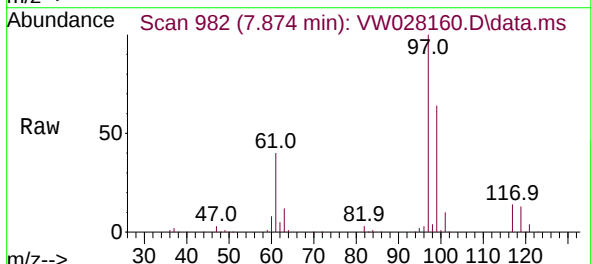
Tgt Ion: 97 Resp: 141254

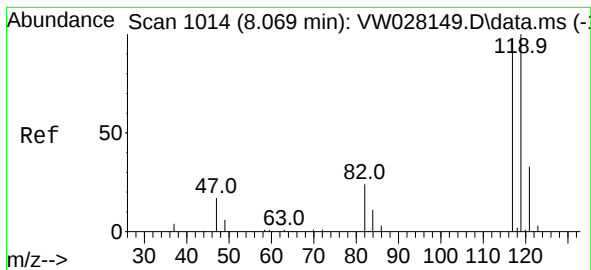
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 40.4 31.8 47.6





#31

Carbon tetrachloride

Concen: 26.283 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

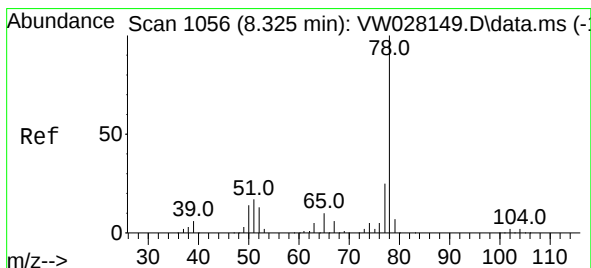
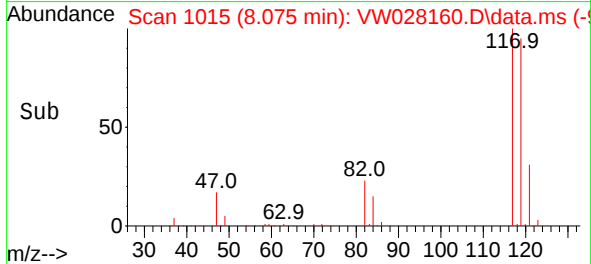
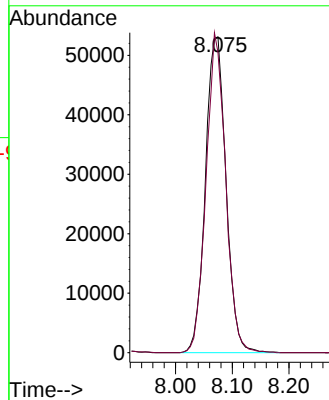
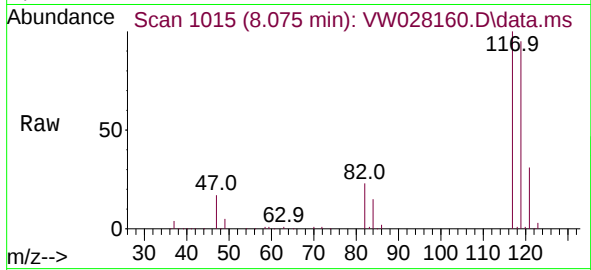
ClientSampleId :

Tgt Ion:117 Resp: 134240

Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2



#33

Benzene

Concen: 25.212 ug/L

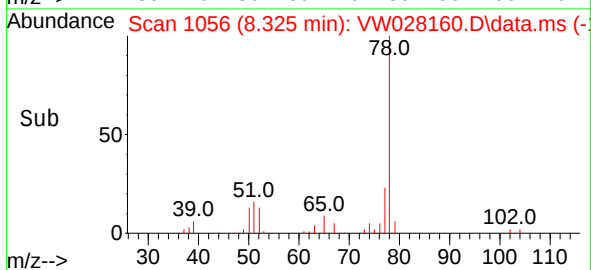
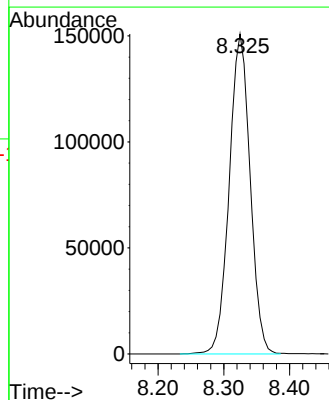
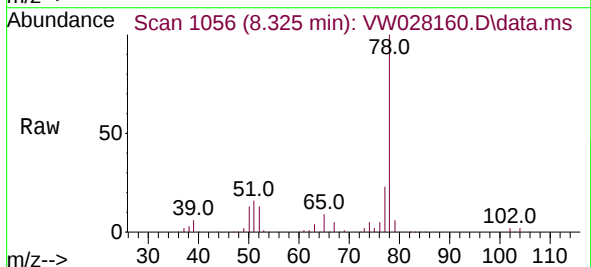
RT: 8.325 min Scan# 1056

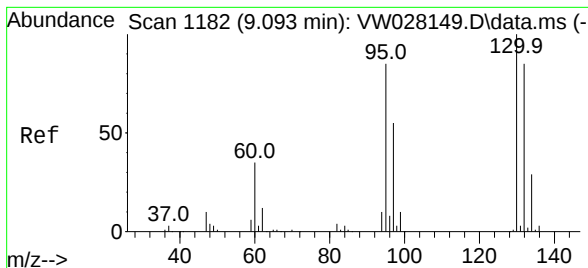
Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Tgt Ion: 78 Resp: 333644





#34

Trichloroethene

Concen: 24.543 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 95166

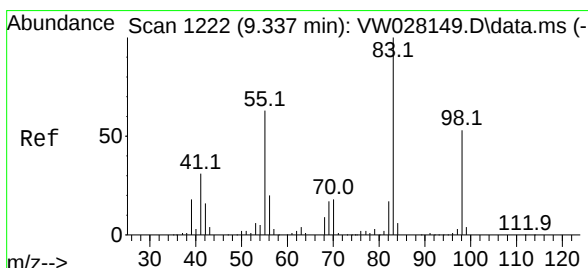
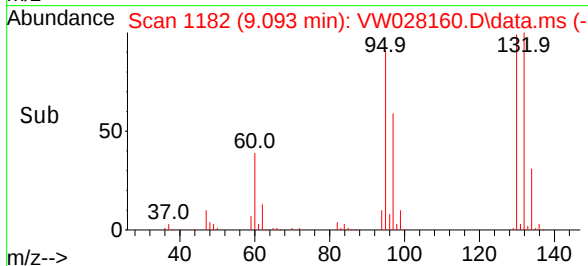
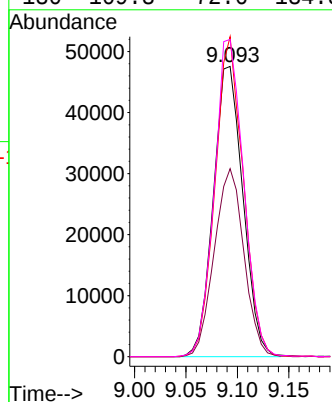
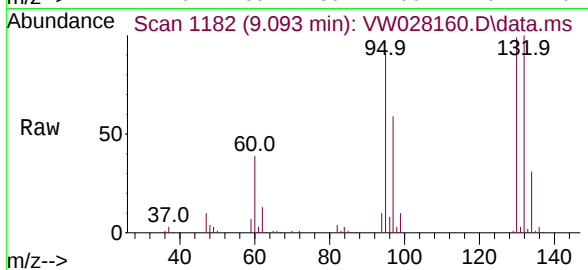
Ion Ratio Lower Upper

95 100

97 64.8 44.5 82.7

132 110.3 68.3 126.9

130 109.3 72.6 134.8



#35

Methylcyclohexane

Concen: 25.239 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

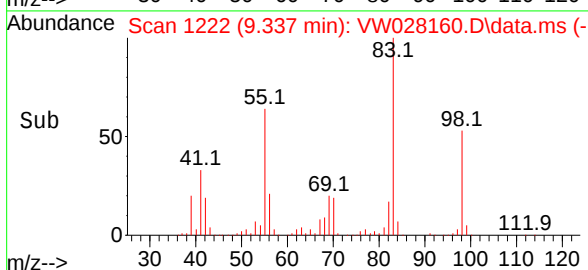
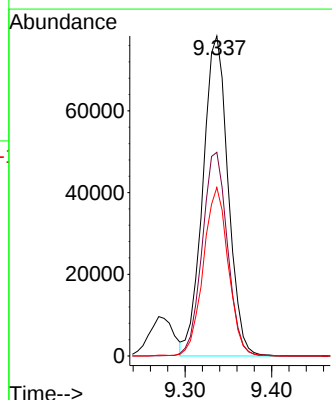
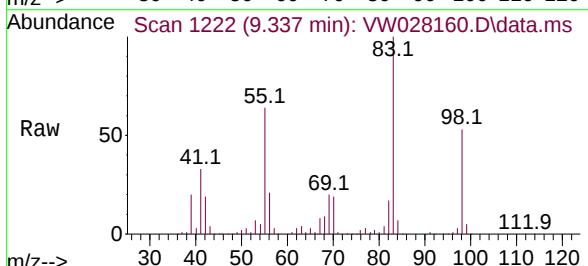
Tgt Ion: 83 Resp: 158396

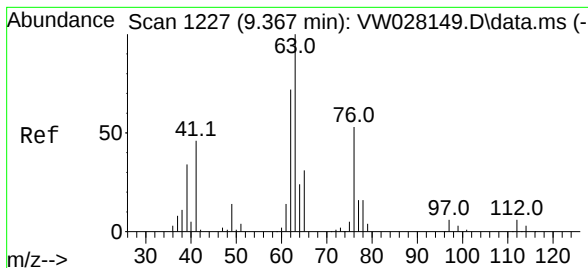
Ion Ratio Lower Upper

83 100

55 63.7 52.1 78.1

98 52.0 42.2 63.4





#37

1,2-Dichloropropane

Concen: 24.582 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

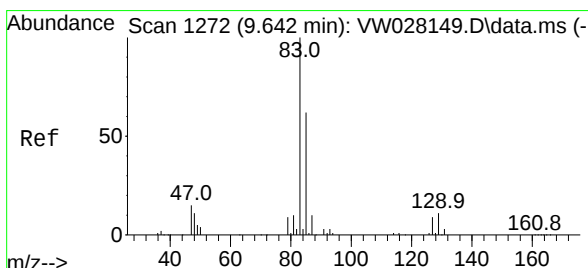
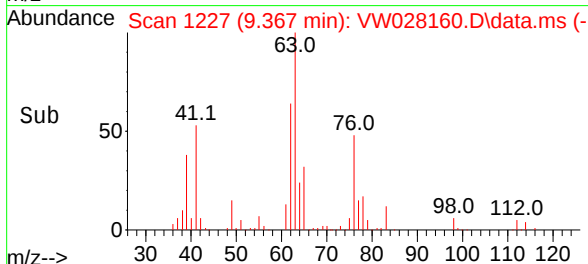
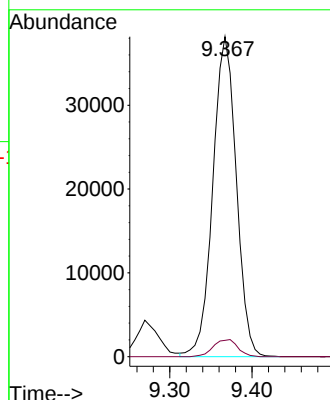
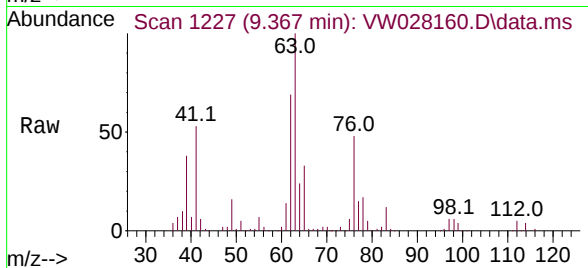
ClientSampleId :

Tgt Ion: 63 Resp: 75757

Ion Ratio Lower Upper

63 100

112 5.6 4.4 6.6



#38

Bromodichloromethane

Concen: 24.784 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

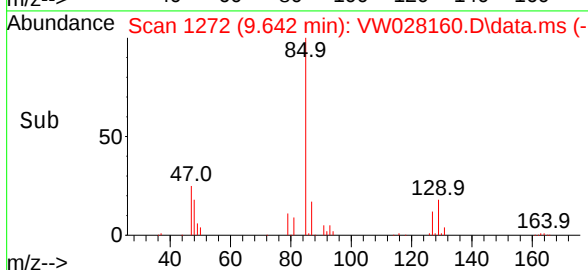
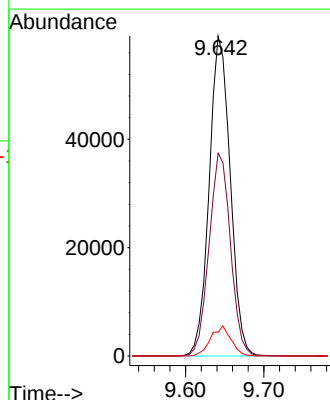
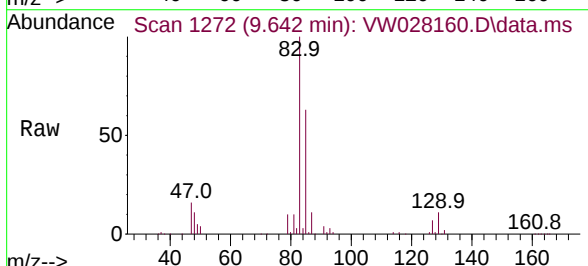
Tgt Ion: 83 Resp: 110326

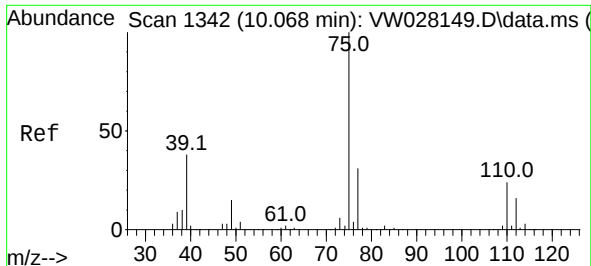
Ion Ratio Lower Upper

83 100

85 63.3 43.3 80.5

127 7.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 25.406 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

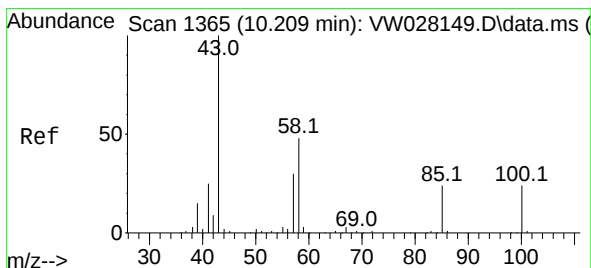
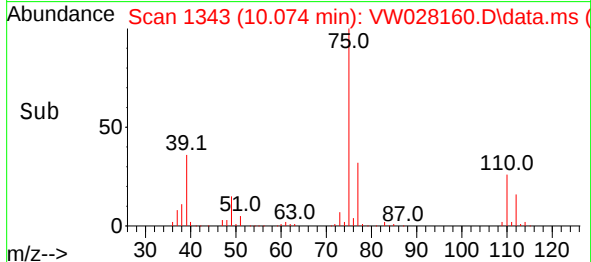
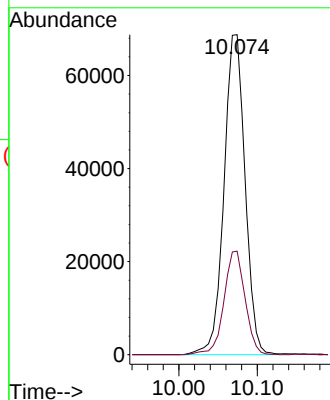
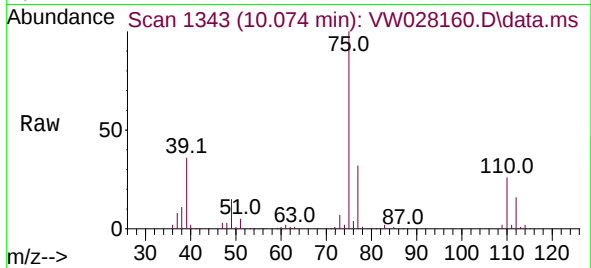
ClientSampleId :

Tgt Ion: 75 Resp: 128755

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 47.210 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

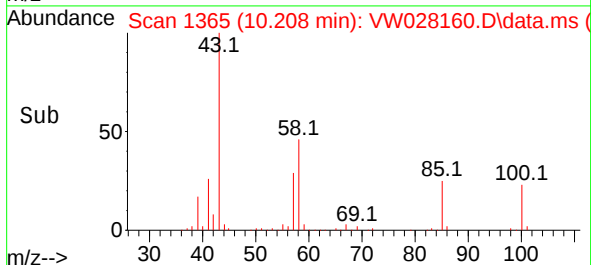
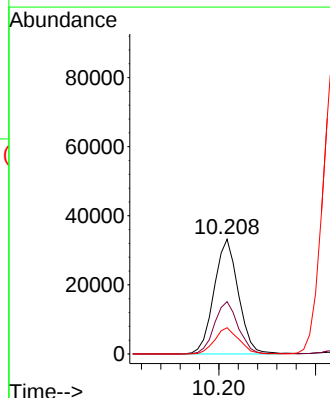
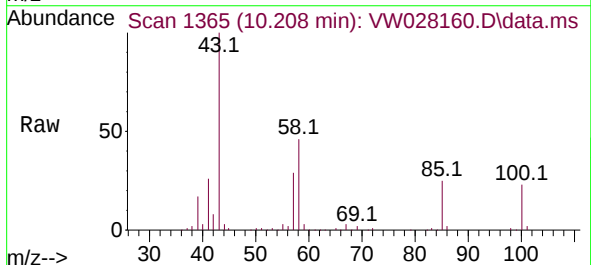
Tgt Ion: 43 Resp: 57788

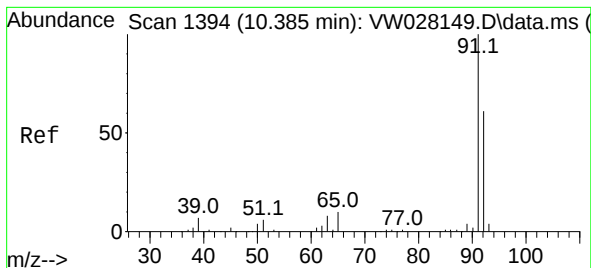
Ion Ratio Lower Upper

43 100

58 44.7 37.8 56.8

100 22.7 18.2 27.4





#42

Toluene

Concen: 25.245 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

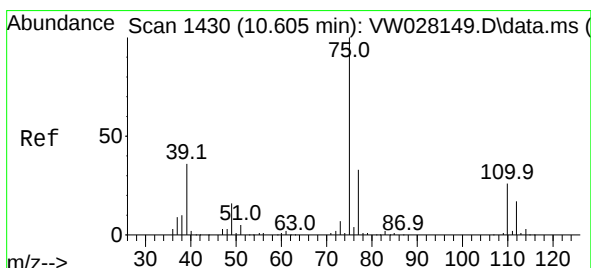
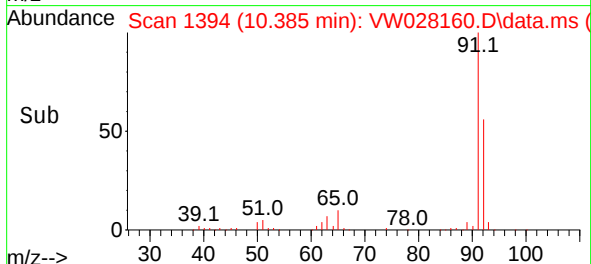
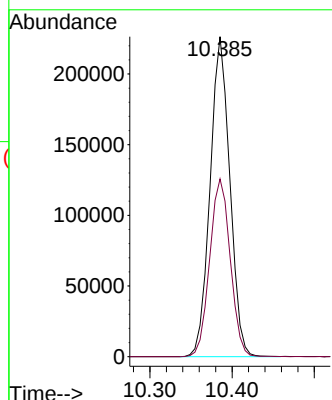
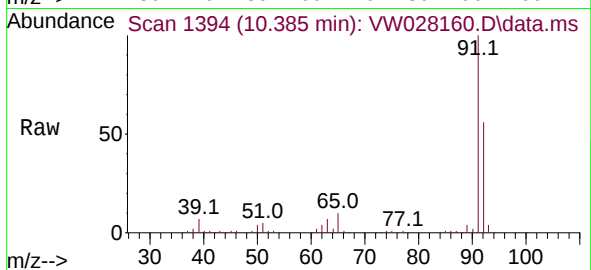
ClientSampleId :

Tgt Ion: 91 Resp: 377498

Ion Ratio Lower Upper

91 100

92 55.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 25.400 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028160.D

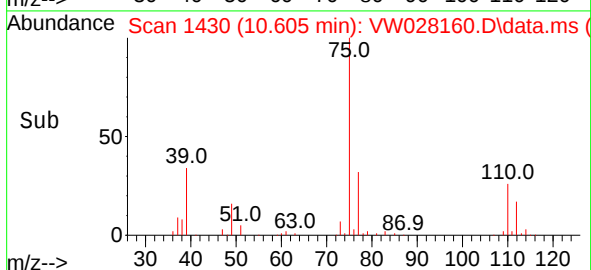
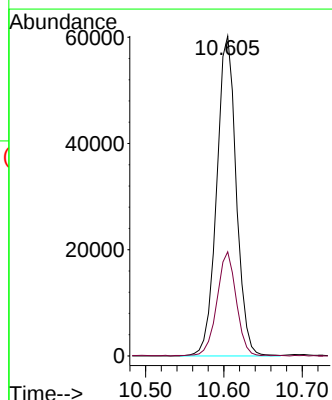
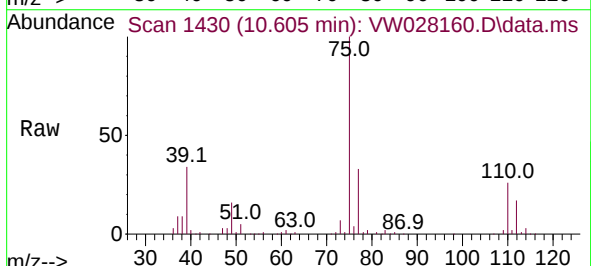
Acq: 13 Mar 2024 09:40

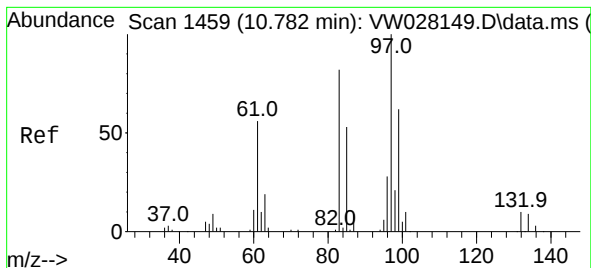
Tgt Ion: 75 Resp: 104571

Ion Ratio Lower Upper

75 100

77 32.6 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 23.778 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 61458

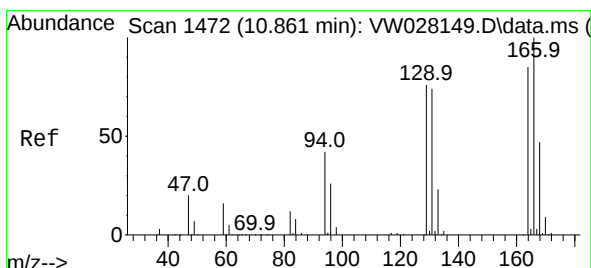
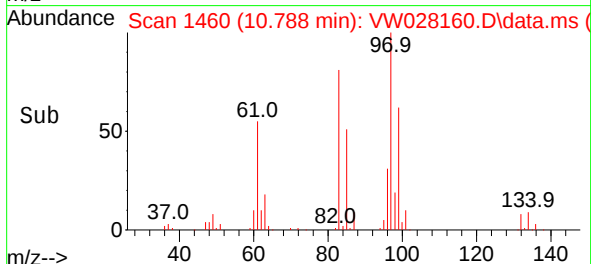
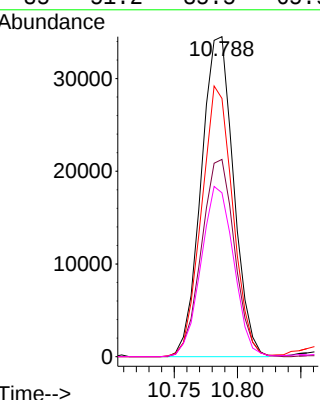
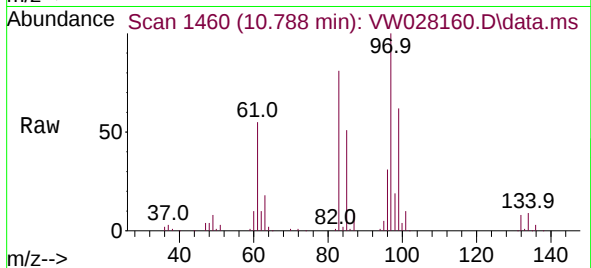
Ion Ratio Lower Upper

97 100

99 61.6 41.9 77.7

83 80.7 56.1 104.1

85 51.2 35.5 65.9



#46

Tetrachloroethene

Concen: 24.346 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Tgt Ion:164 Resp: 79120

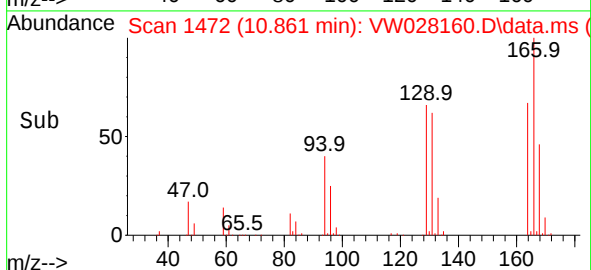
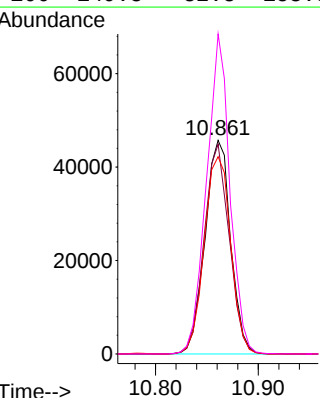
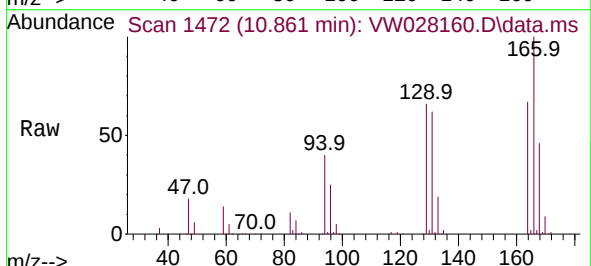
Ion Ratio Lower Upper

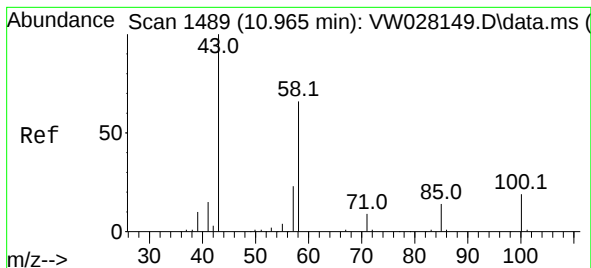
164 100

129 98.2 65.2 121.0

131 92.4 66.2 123.0

166 149.8 82.8 153.8





#48

2-Hexanone

Concen: 45.999 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 45527

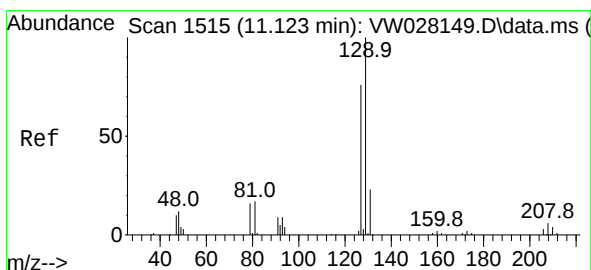
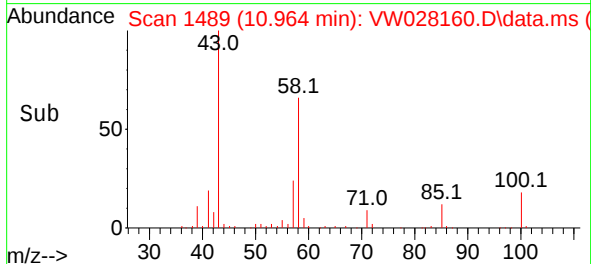
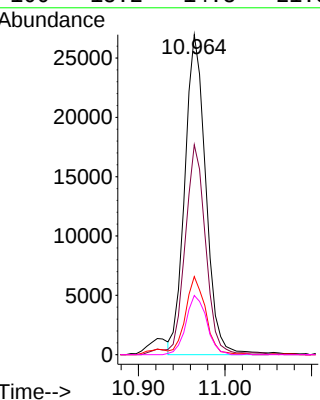
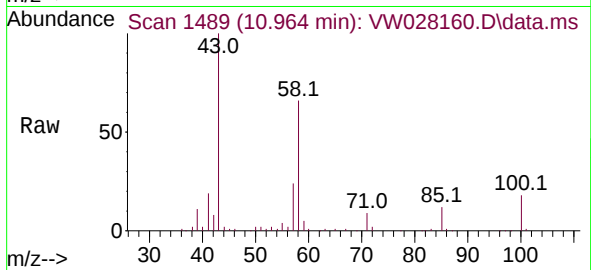
Ion Ratio Lower Upper

43 100

58 62.3 51.8 77.8

57 23.2 18.2 27.4

100 18.2 14.3 21.5



#49

Dibromochloromethane

Concen: 25.329 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028160.D

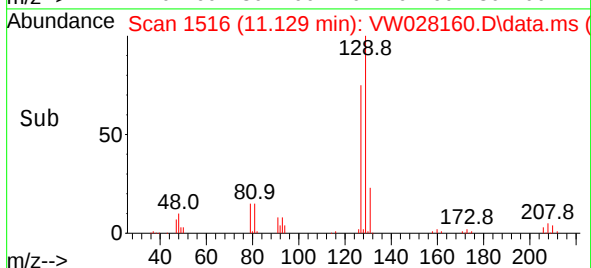
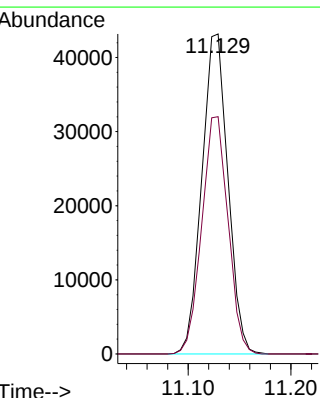
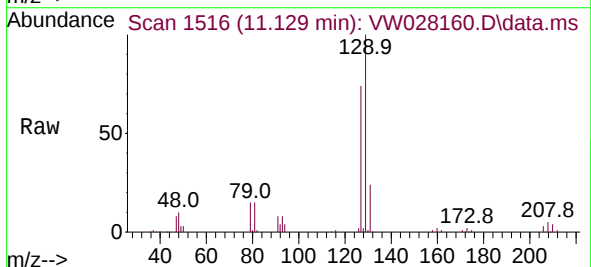
Acq: 13 Mar 2024 09:40

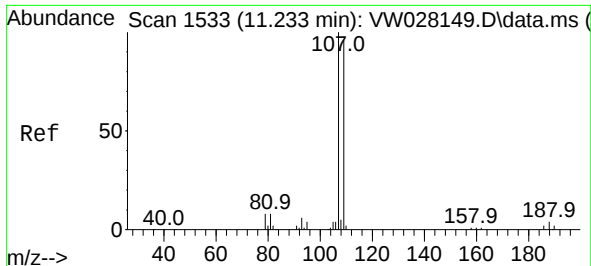
Tgt Ion:129 Resp: 76103

Ion Ratio Lower Upper

129 100

127 74.2 57.1 106.1





#50

1,2-Dibromoethane

Concen: 23.840 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028160.D

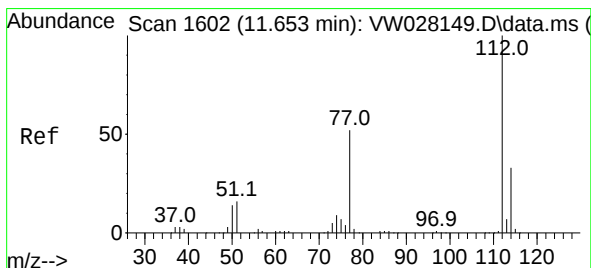
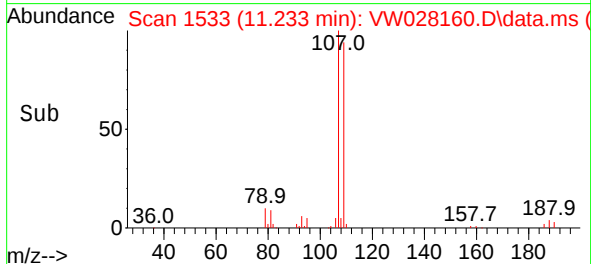
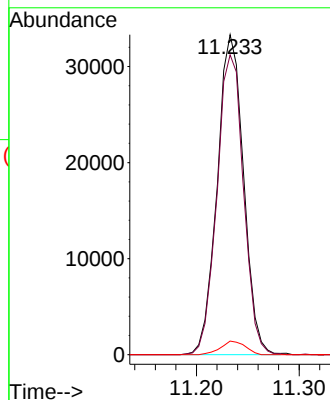
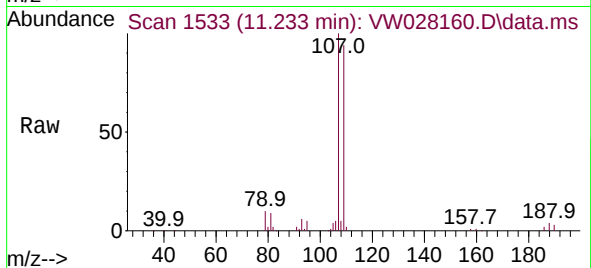
Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	59347
Ion Ratio	Lower	Upper	
107	100		
109	93.7	67.5	125.3
188	4.3	3.1	4.7



#51

Chlorobenzene

Concen: 25.321 ug/L

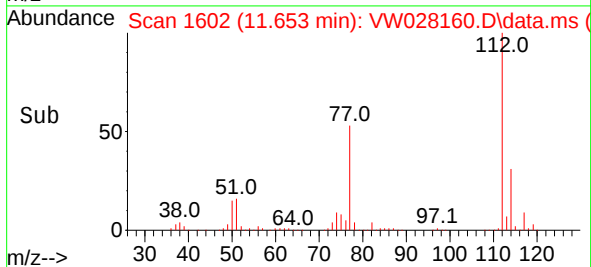
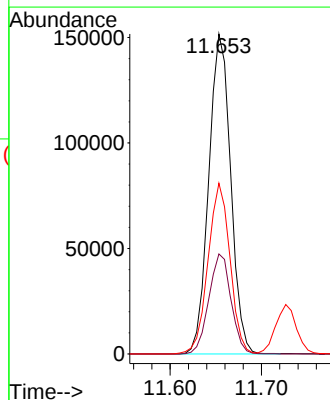
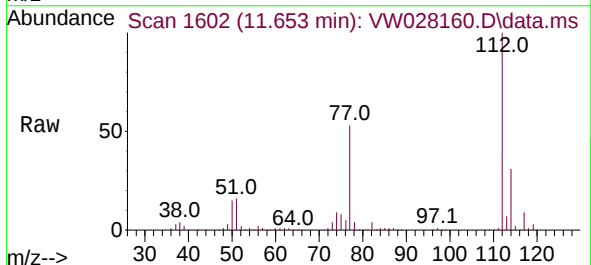
RT: 11.653 min Scan# 1602

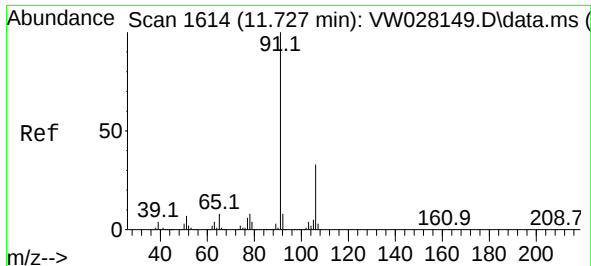
Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Tgt Ion:	112	Resp:	252639
Ion Ratio	Lower	Upper	
112	100		
114	31.2	20.6	38.4
77	53.4	40.0	60.0

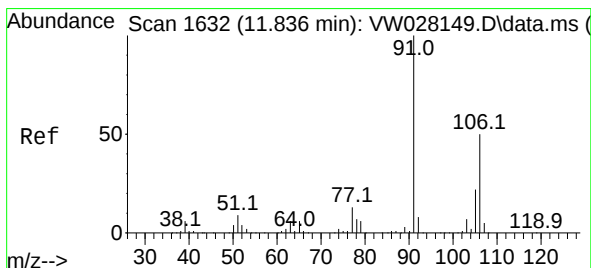
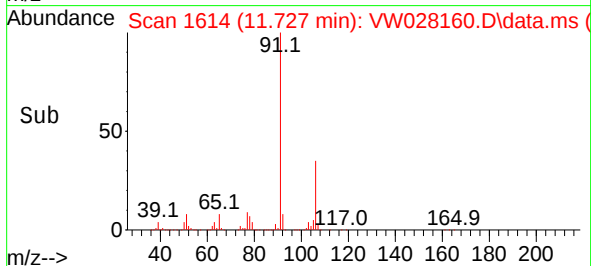
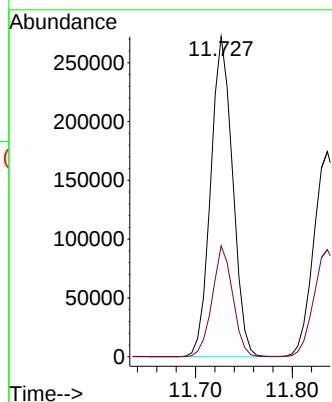
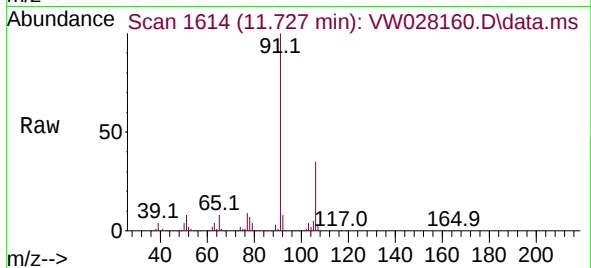




#52
Ethylbenzene
Concen: 25.090 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

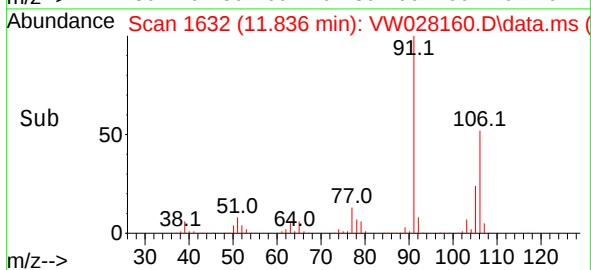
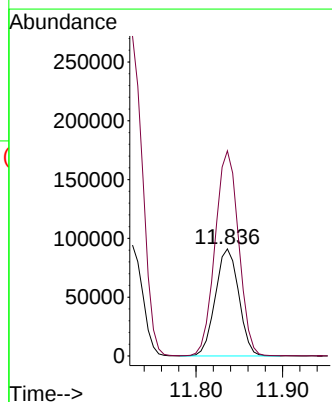
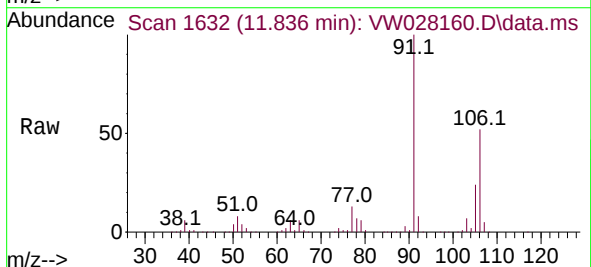
Instrument :
MSVOA_W
ClientSampleId :

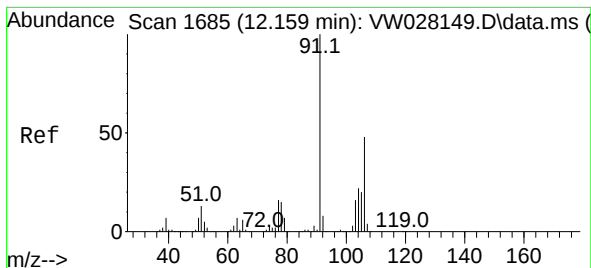
Tgt Ion: 91 Resp: 428950
Ion Ratio Lower Upper
91 100
106 34.7 23.8 44.2



#53
m,p-Xylene
Concen: 25.807 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Tgt Ion:106 Resp: 171181
Ion Ratio Lower Upper
106 100
91 191.6 139.7 259.4





#54

o-Xylene

Concen: 25.754 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

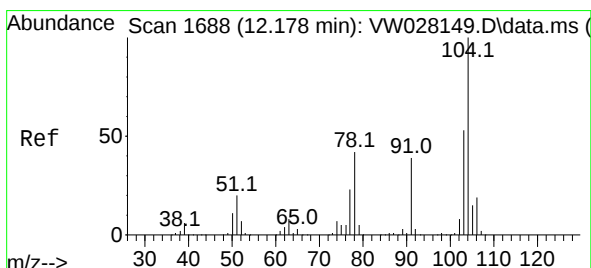
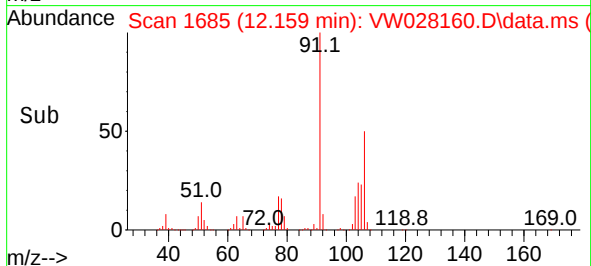
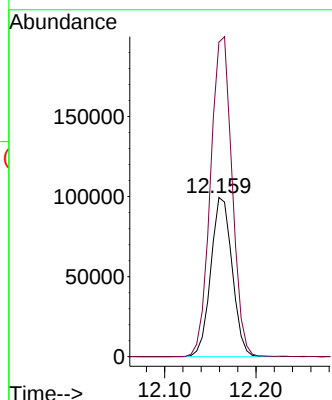
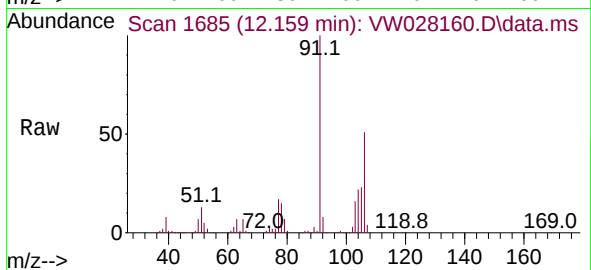
ClientSampleId :

Tgt Ion:106 Resp: 161675

Ion Ratio Lower Upper

106 100

91 197.7 145.2 269.6



#55

Styrene

Concen: 25.397 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028160.D

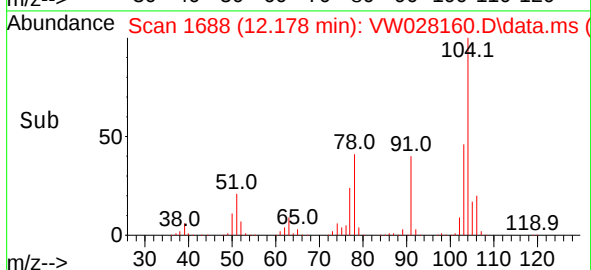
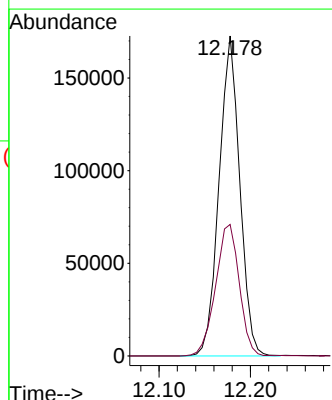
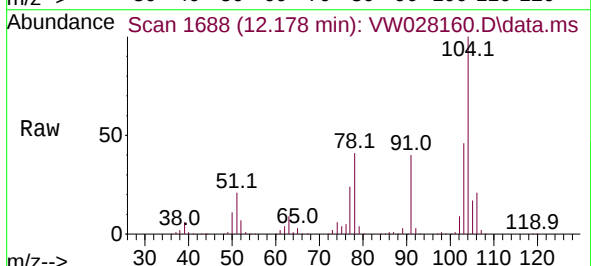
Acq: 13 Mar 2024 09:40

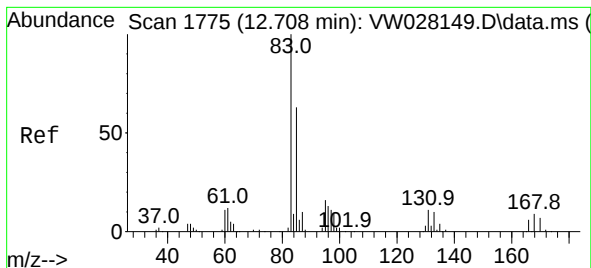
Tgt Ion:104 Resp: 271902

Ion Ratio Lower Upper

104 100

78 41.1 29.1 54.1

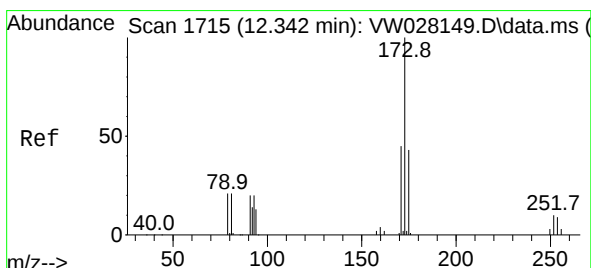
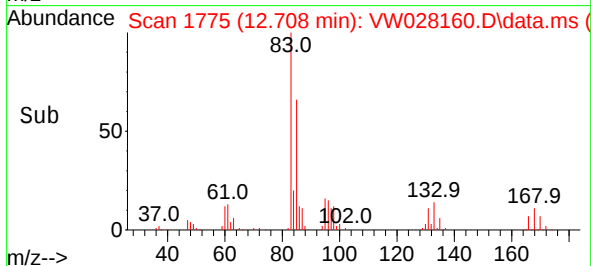
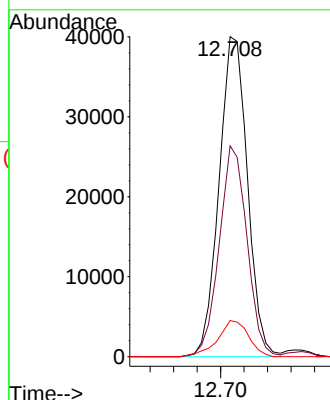
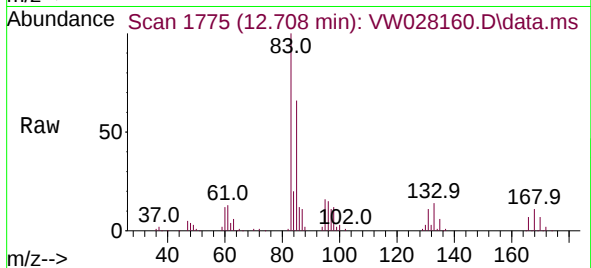




#57
1,1,2,2-Tetrachloroethane
Concen: 24.153 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

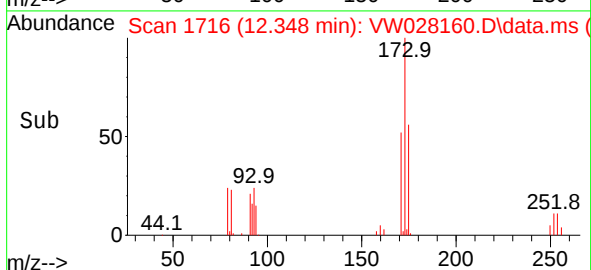
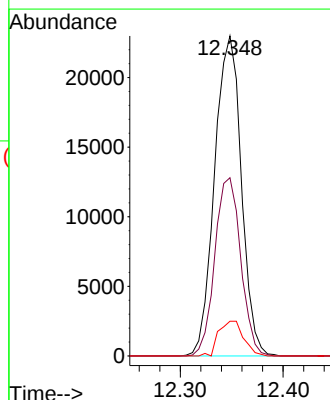
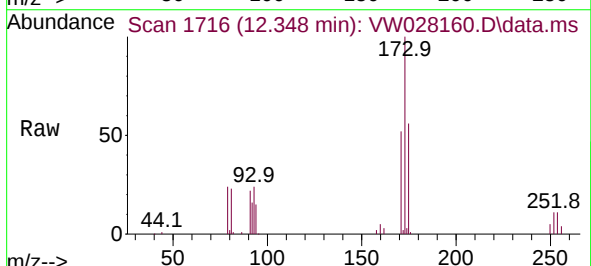
Instrument :
MSVOA_W
ClientSampleId :

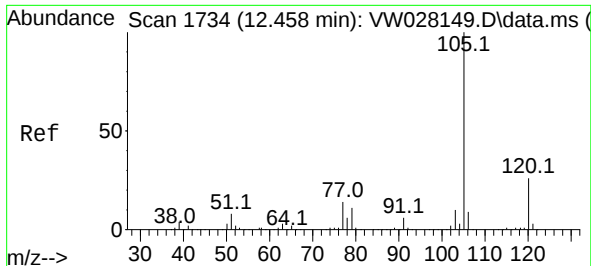
Tgt Ion: 83 Resp: 67310
Ion Ratio Lower Upper
83 100
85 65.9 45.7 84.9
131 11.3 9.7 14.5



#59
Bromoform
Concen: 21.439 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Tgt Ion:173 Resp: 41524
Ion Ratio Lower Upper
173 100
175 53.9 37.2 55.8
254 10.0 8.5 12.7



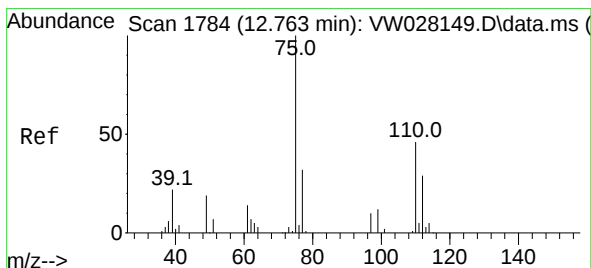
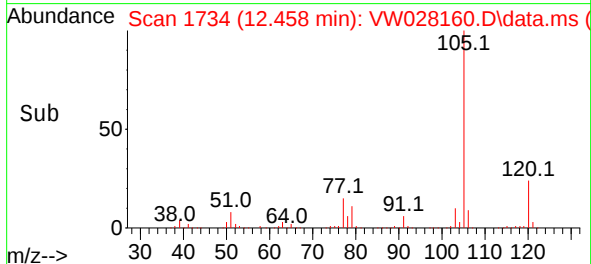
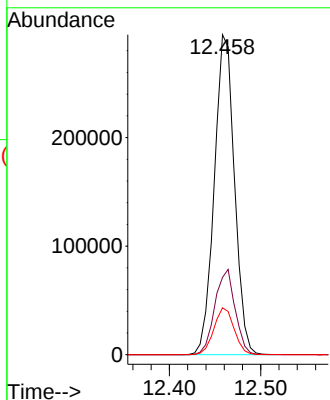
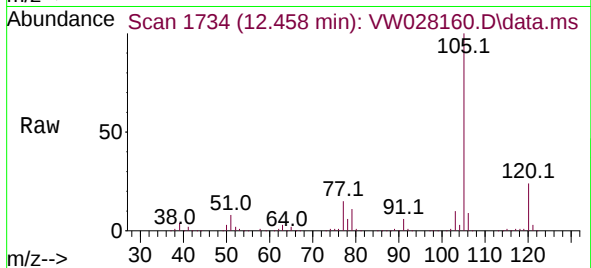


#60
Isopropylbenzene
Concen: 24.154 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 452726

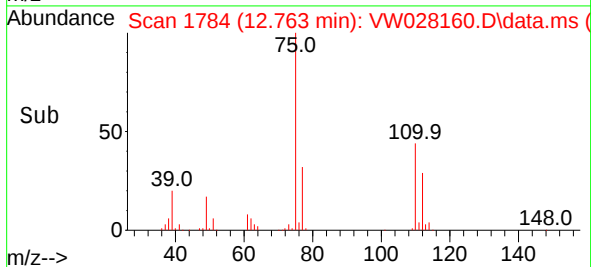
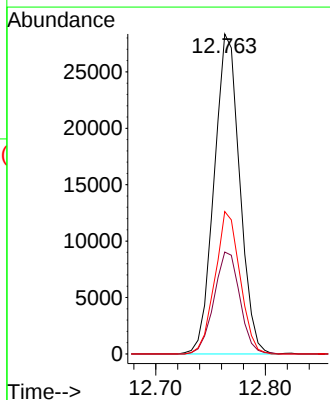
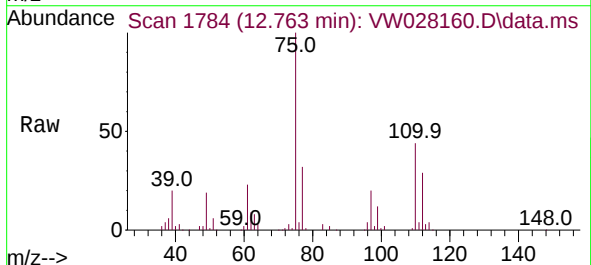
Ion	Ratio	Lower	Upper
105	100		
120	26.7	22.2	33.2
77	14.7	11.8	17.6

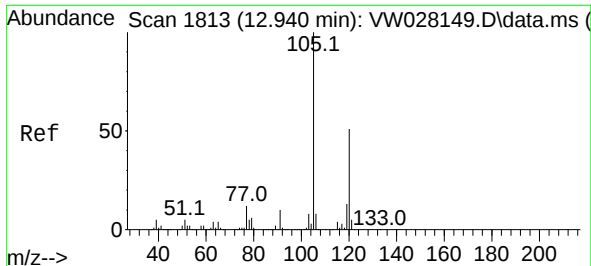


#61
1,2,3-Trichloropropane
Concen: 21.880 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Tgt Ion: 75 Resp: 45953

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.9	38.9
110	43.5	34.1	51.1





#62

1,3,5-Trimethylbenzene

Concen: 23.361 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

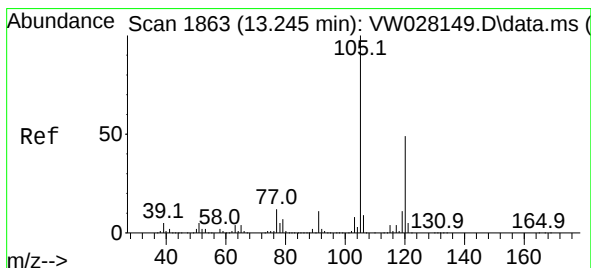
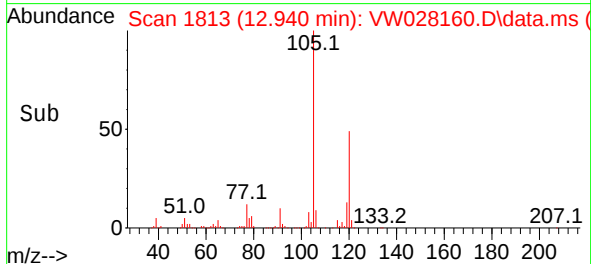
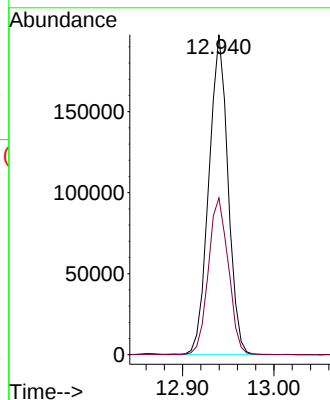
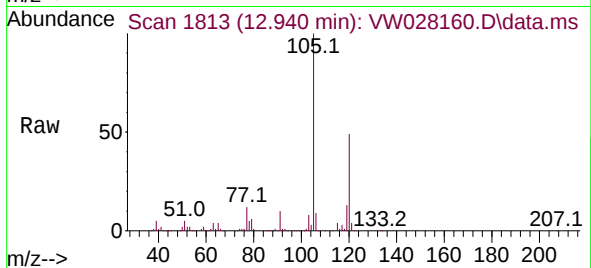
ClientSampleId :

Tgt Ion:105 Resp: 287073

Ion Ratio Lower Upper

105 100

120 51.1 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 24.113 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028160.D

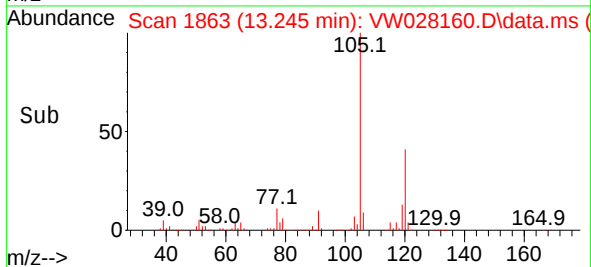
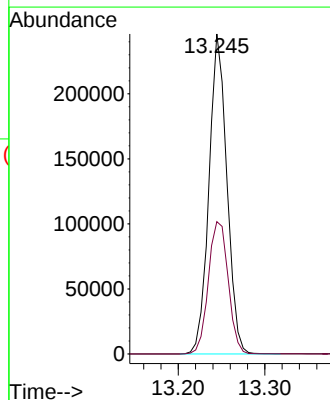
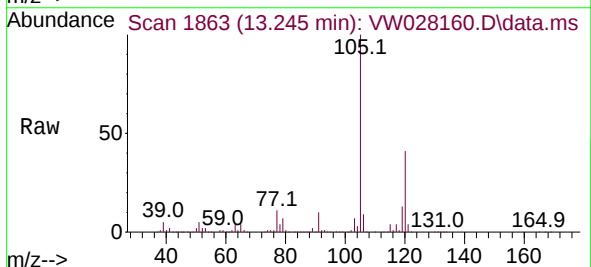
Acq: 13 Mar 2024 09:40

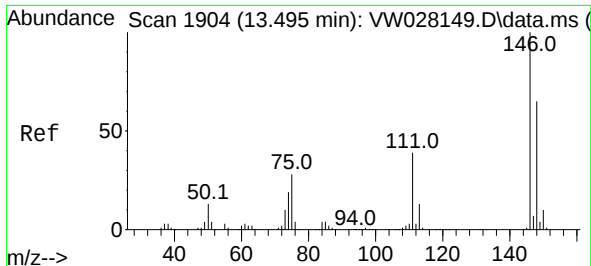
Tgt Ion:105 Resp: 353358

Ion Ratio Lower Upper

105 100

120 45.7 36.4 54.6

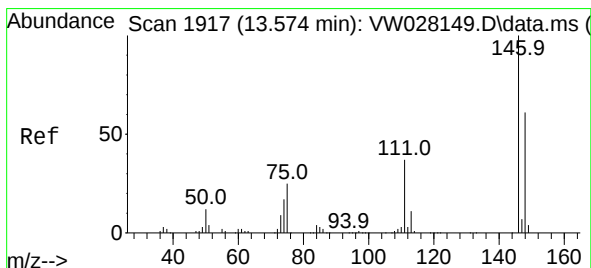
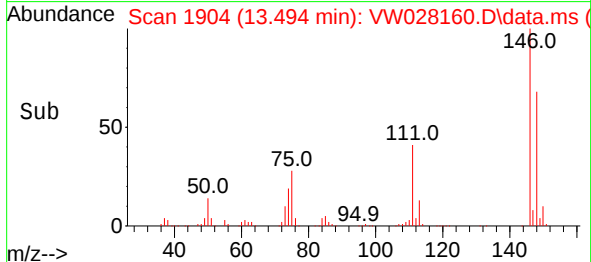
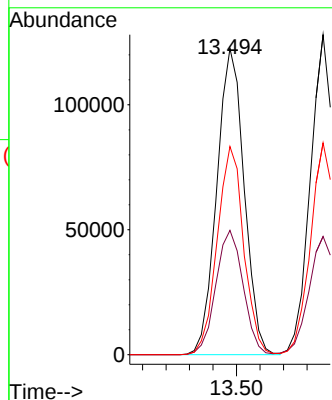
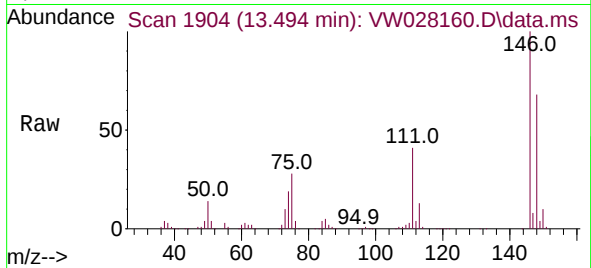




#64
1,3-Dichlorobenzene
Concen: 22.908 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

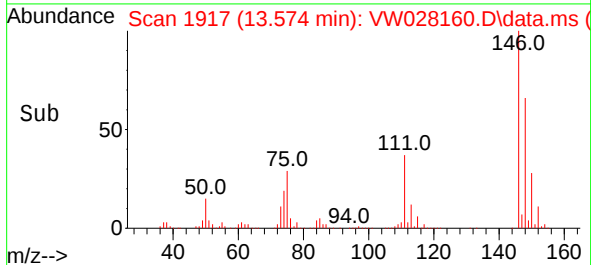
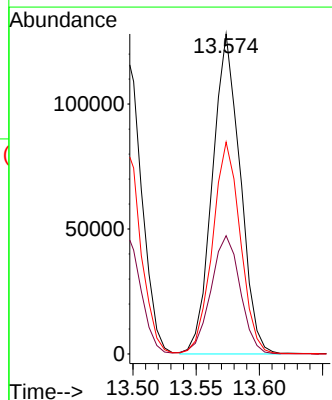
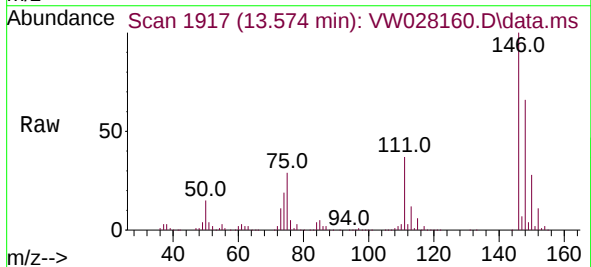
Instrument :
MSVOA_W
ClientSampleId :

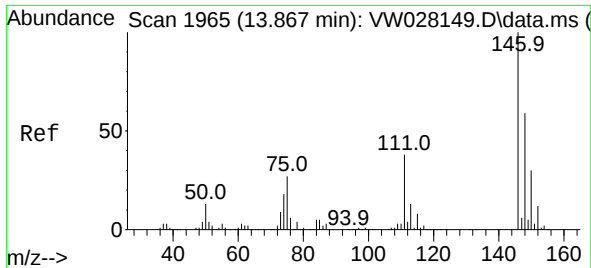
Tgt Ion:146 Resp: 198434
Ion Ratio Lower Upper
146 100
111 40.6 27.9 51.9
148 68.0 38.7 71.9



#65
1,4-Dichlorobenzene
Concen: 22.417 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Tgt Ion:146 Resp: 196042
Ion Ratio Lower Upper
146 100
111 37.0 29.3 54.5
148 66.2 47.5 88.1

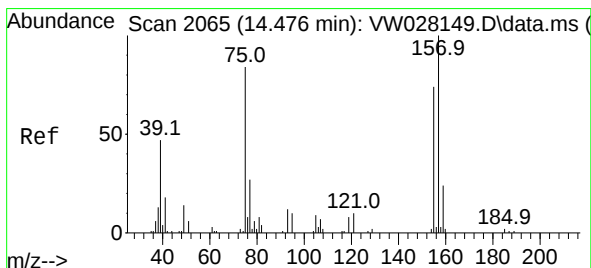
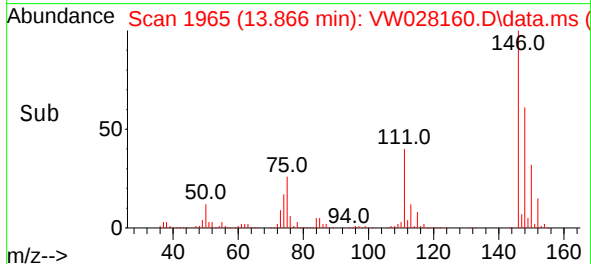
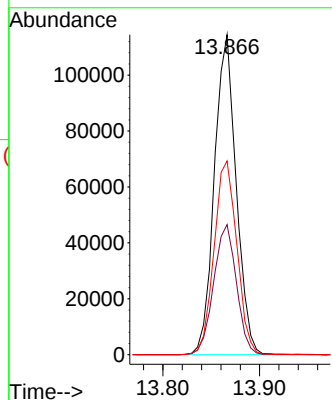
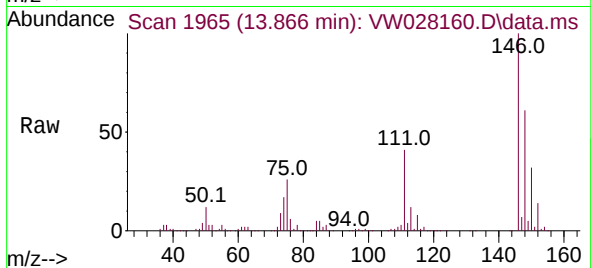




#67
1,2-Dichlorobenzene
Concen: 22.954 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

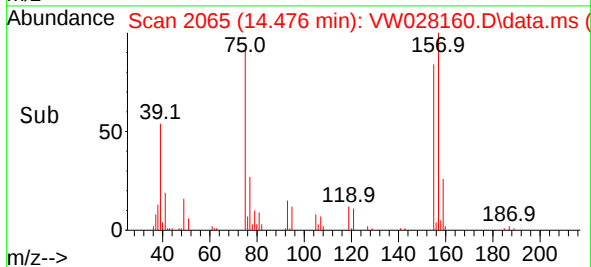
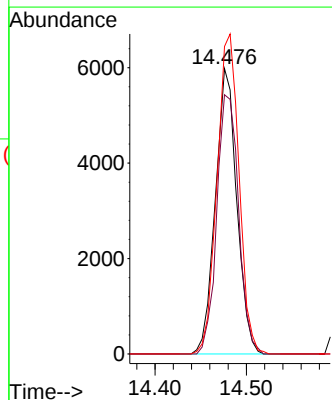
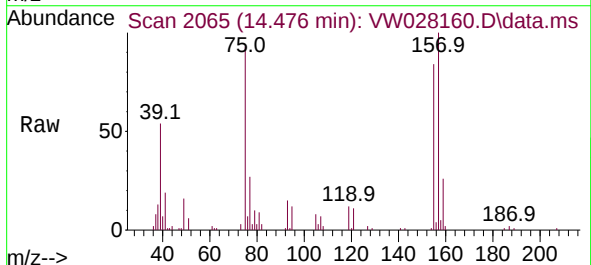
Instrument :
MSVOA_W
ClientSampleId :

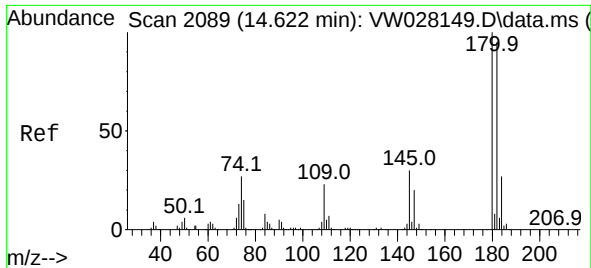
Tgt Ion:146 Resp: 179107
Ion Ratio Lower Upper
146 100
111 40.7 35.4 53.0
148 60.6 55.4 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 22.037 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028160.D
Acq: 13 Mar 2024 09:40

Tgt Ion: 75 Resp: 9721
Ion Ratio Lower Upper
75 100
155 90.9 69.3 103.9
157 107.8 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 22.468 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

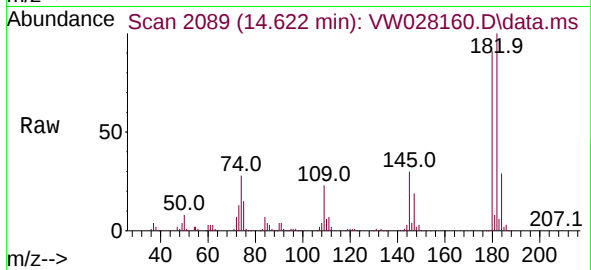
Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 143625

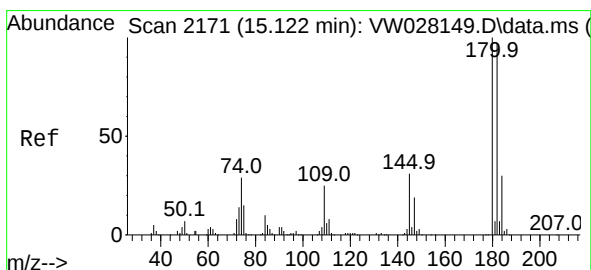
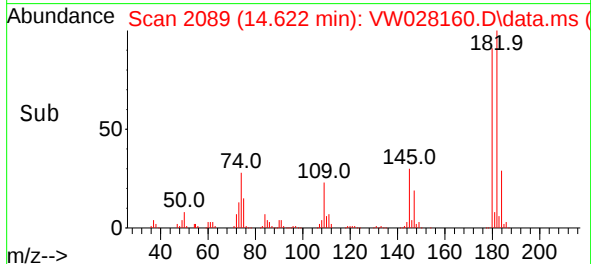
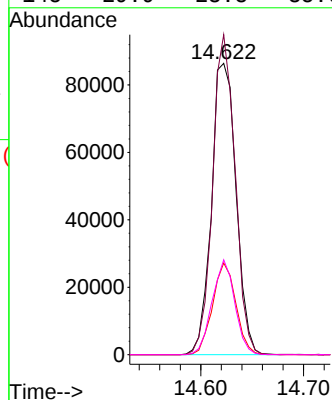
Ion Ratio Lower Upper

180 100

182 100.2 78.2 117.4

184 29.8 25.4 38.2

145 29.9 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 23.339 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

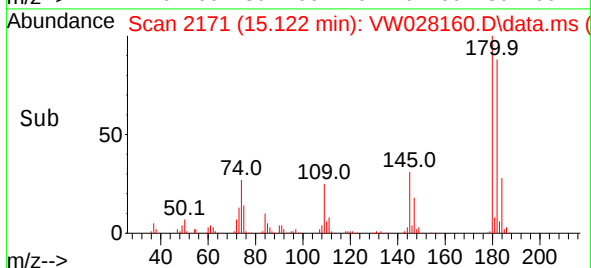
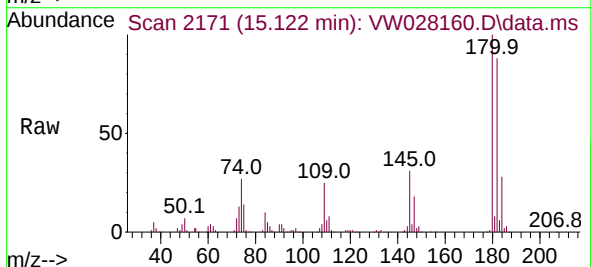
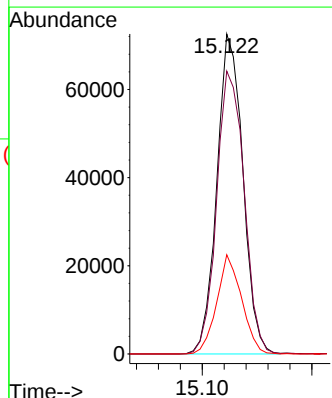
Tgt Ion:180 Resp: 119816

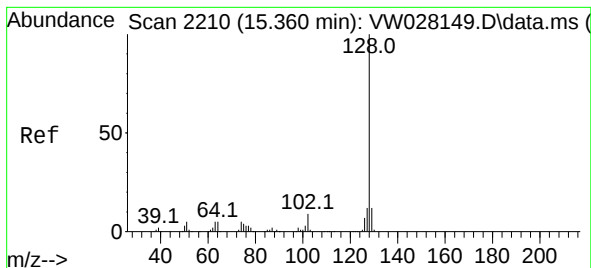
Ion Ratio Lower Upper

180 100

182 93.2 80.1 120.1

145 29.5 24.3 36.5





#71

Naphthalene

Concen: 23.384 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Instrument :

MSVOA_W

ClientSampleId :

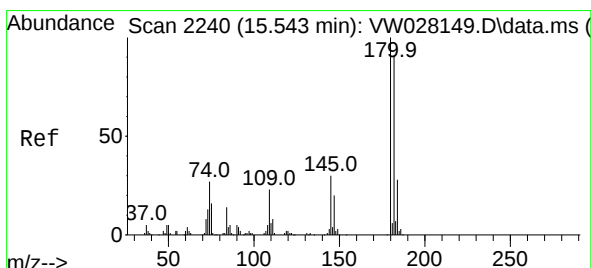
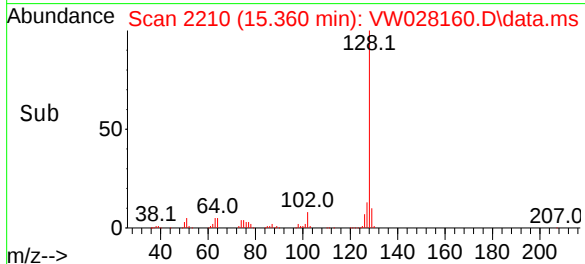
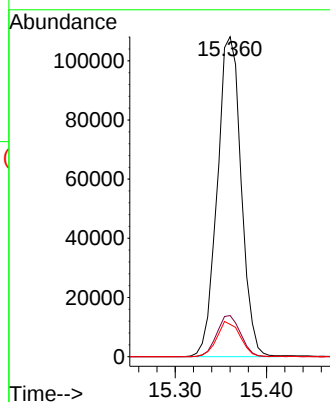
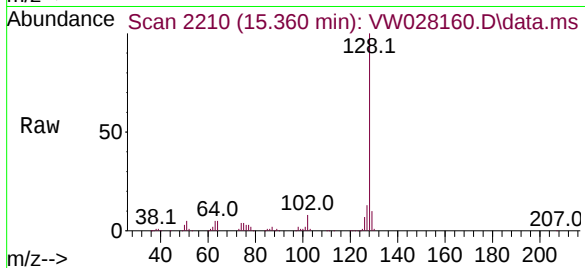
Tgt Ion:128 Resp: 196336

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 22.979 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028160.D

Acq: 13 Mar 2024 09:40

Tgt Ion:180 Resp: 98652

Ion Ratio Lower Upper

180 100

182 95.8 81.4 122.2

145 32.2 26.2 39.2

