

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030624\
 Data File : VW028111.D
 Acq On : 06 Mar 2024 11:37
 Operator : SY/MD
 Sample : P1677-02MS
 Misc : 9.45g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 07 00:16:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 07 00:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	337192	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	287241	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	123738	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	97368	24.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.760%
7) Chloroethane-d5	2.899	69	84114	26.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.920%
11) 1,1-Dichloroethene-d2	4.027	65	39641	24.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.440%
21) 2-Butanone-d5	7.075	46	41556	72.374	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.740%#
24) Chloroform-d	7.648	84	192688	26.980	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.920%
26) 1,2-Dichloroethane-d4	8.307	65	96307	28.975	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.920%
32) Benzene-d6	8.276	84	379542	28.305	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.200%
36) 1,2-Dichloropropane-d6	9.270	67	102757	29.660	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.640%
41) Toluene-d8	10.319	98	349740	27.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.720%
43) trans-1,3-Dichloroprop...	10.575	79	47497	31.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.120%
47) 2-Hexanone-d5	10.922	63	40498	82.990	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.980%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92925	33.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.920%#
66) 1,2-Dichlorobenzene-d4	13.848	152	101240	27.511	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73226	21.256	ug/L	92
3) Chloromethane	2.223	50	71425	21.806	ug/L	99
5) Vinyl chloride	2.381	62	95558	20.935	ug/L	100
6) Bromomethane	2.789	94	70700	19.414	ug/L	99
8) Chloroethane	2.936	64	62359	21.753	ug/L	96
9) Trichlorofluoromethane	3.265	101	83155	19.531	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	41639	9.407	ug/L #	7
13) Acetone	4.119	43	34639	43.160	ug/L	97
14) Carbon disulfide	4.399	76	256802	20.112	ug/L	99
15) Methyl Acetate	4.667	43	30997	27.325	ug/L	98
16) Methylene chloride	4.923	84	87271	18.815	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	94945	21.198	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	132705	24.193	ug/L	100
19) 1,1-Dichloroethane	6.216	63	153038	21.610	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	101995	21.639	ug/L	95
22) 2-Butanone	7.173	43	45047	50.257	ug/L	98
23) Bromochloromethane	7.514	128	48949	22.121	ug/L	99
25) Chloroform	7.679	83	173238	21.901	ug/L	95
27) 1,2-Dichloroethane	8.398	62	110438	23.479	ug/L	99

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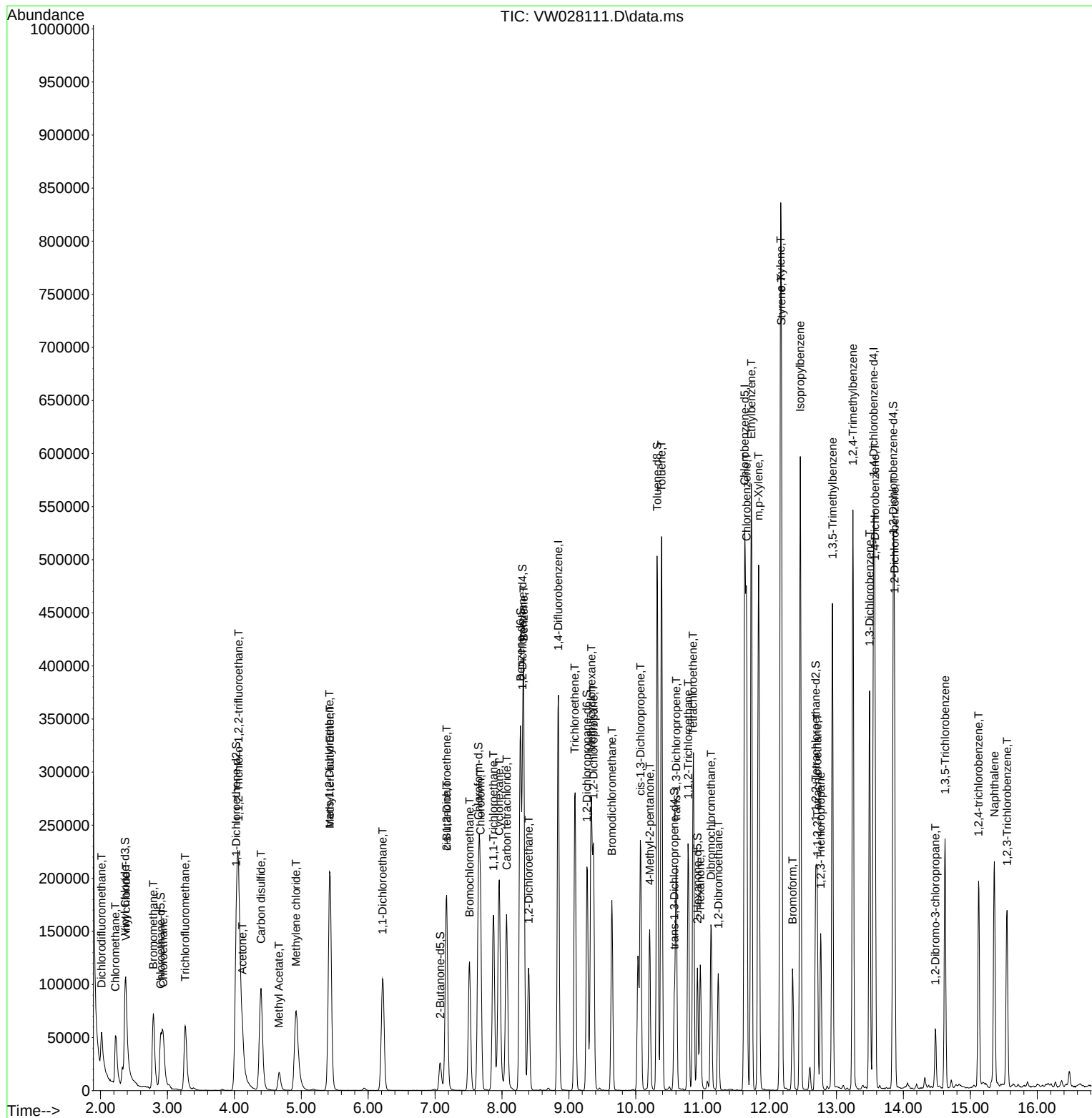
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	115835	20.971	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	144190	22.483	ug/L	100
31) Carbon tetrachloride	8.069	117	134084	22.389	ug/L	99
33) Benzene	8.325	78	366158	23.596	ug/L	100
34) Trichloroethene	9.087	95	99493	21.882	ug/L	96
35) Methylcyclohexane	9.337	83	125087	16.998	ug/L	99
37) 1,2-Dichloropropane	9.368	63	84880	23.488	ug/L	100
38) Bromodichloromethane	9.642	83	124146	23.784	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	146616	24.672	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	87325	60.840	ug/L	99
42) Toluene	10.386	91	403178	22.994	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	122043	25.280	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	75712	24.982	ug/L	96
46) Tetrachloroethene	10.855	164	78121	20.501	ug/L	87
48) 2-Hexanone	10.965	43	66278	57.109	ug/L	99
49) Dibromochloromethane	11.123	129	85310	24.214	ug/L	96
50) 1,2-Dibromoethane	11.233	107	72753	24.924	ug/L	94
51) Chlorobenzene	11.654	112	252529	21.584	ug/L	97
52) Ethylbenzene	11.727	91	418344	20.868	ug/L	99
53) m,p-Xylene	11.837	106	167670	21.557	ug/L	99
54) o-Xylene	12.166	106	159701	21.695	ug/L	98
55) Styrene	12.178	104	274660	21.878	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	87318	26.720	ug/L	94
59) Bromoform	12.343	173	50303	28.676	ug/L	99
60) Isopropylbenzene	12.458	105	389595	22.950	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	61772	32.475	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	245030	22.016	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	306190	23.070	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	164060	20.912	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	165196	20.857	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	148110	20.958	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	13776	34.482	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	77504	13.387	ug/L	92
70) 1,2,4-trichlorobenzene	15.123	180	65133	14.008	ug/L	95
71) Naphthalene	15.360	128	191628	25.200	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	55754	14.339	ug/L	96

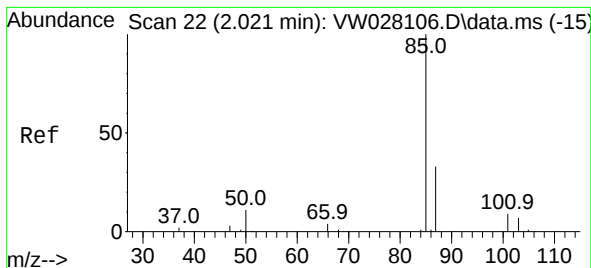
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#2

Dichlorodifluoromethane

Concen: 21.256 ug/L

RT: 2.015 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

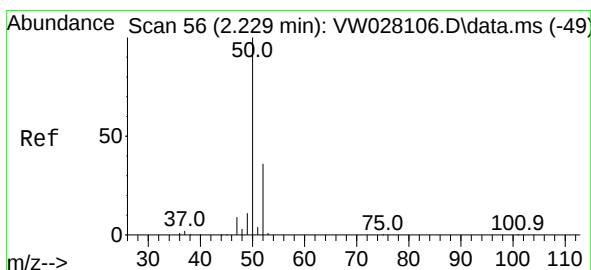
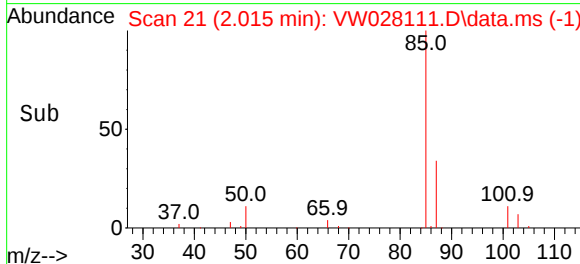
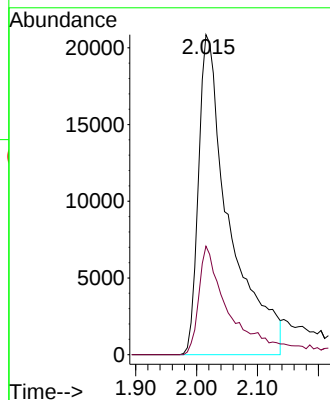
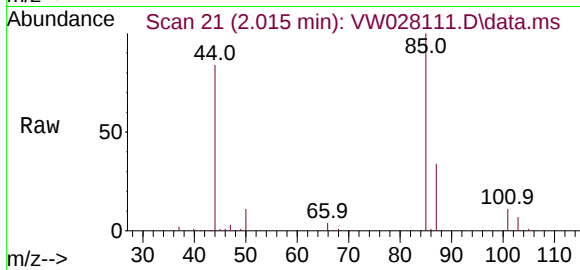
ClientSampleId :

Tgt Ion: 85 Resp: 73226

Ion Ratio Lower Upper

85 100

87 28.4 26.6 39.8



#3

Chloromethane

Concen: 21.806 ug/L

RT: 2.223 min Scan# 55

Delta R.T. -0.006 min

Lab File: VW028111.D

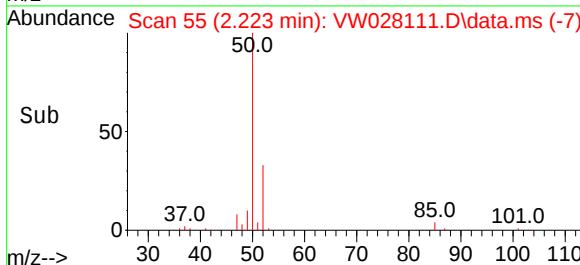
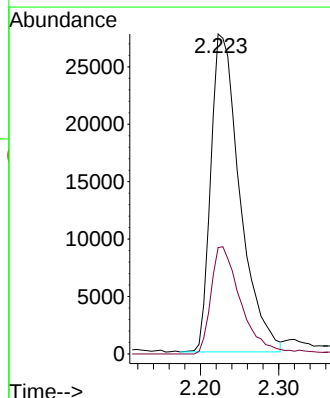
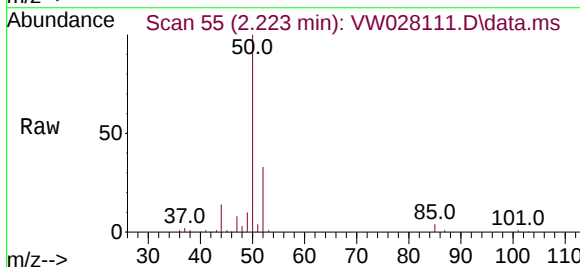
Acq: 06 Mar 2024 11:37

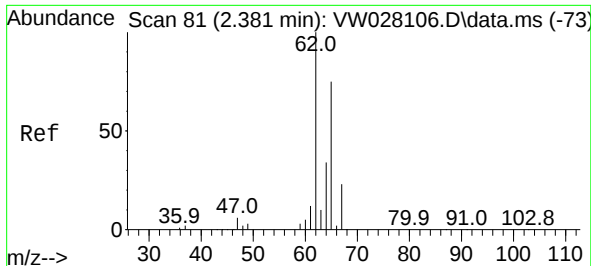
Tgt Ion: 50 Resp: 71425

Ion Ratio Lower Upper

50 100

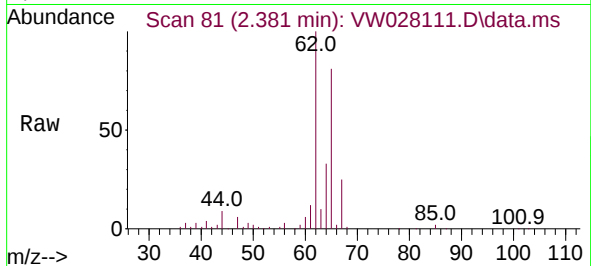
52 33.3 23.7 43.9



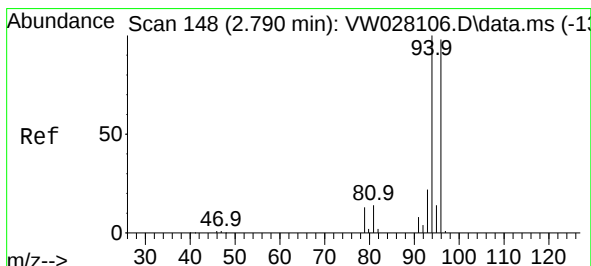
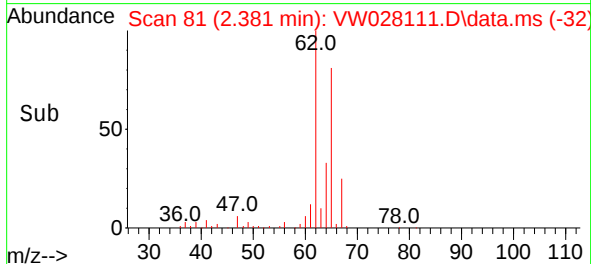
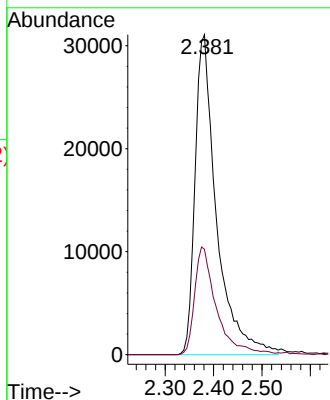


#5
 Vinyl chloride
 Concen: 20.935 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VW028111.D
 Acq: 06 Mar 2024 11:37

Instrument :
 MSVOA_W
 ClientSampleId :

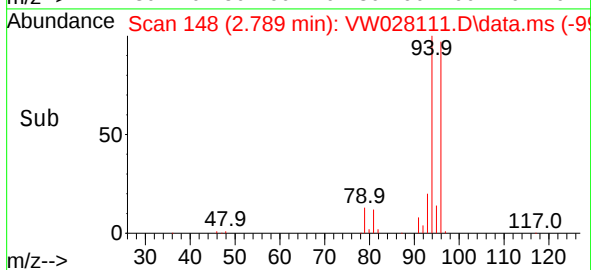
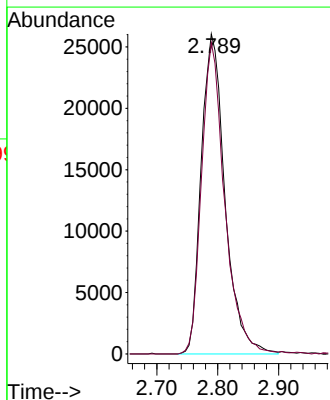
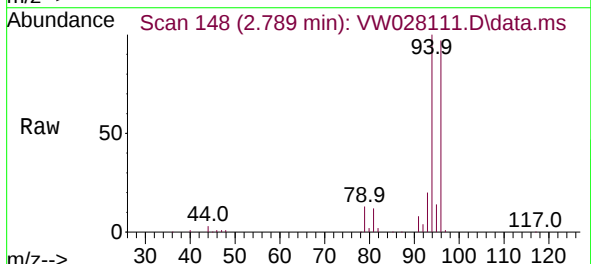


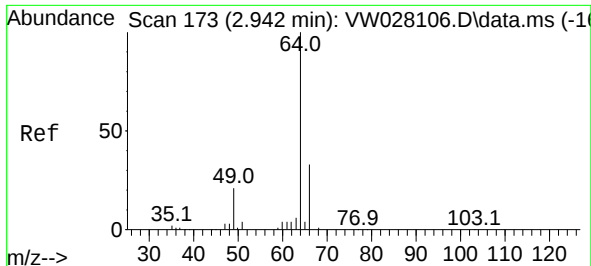
Tgt Ion: 62 Resp: 95558
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.0



#6
 Bromomethane
 Concen: 19.414 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028111.D
 Acq: 06 Mar 2024 11:37

Tgt Ion: 94 Resp: 70700
 Ion Ratio Lower Upper
 94 100
 96 97.3 69.1 128.3

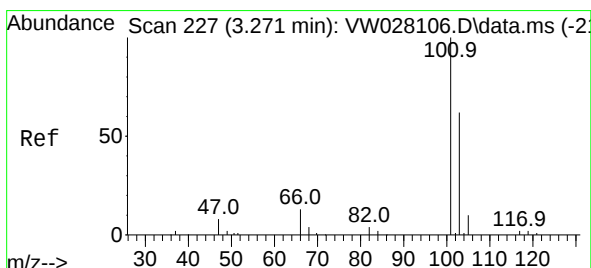
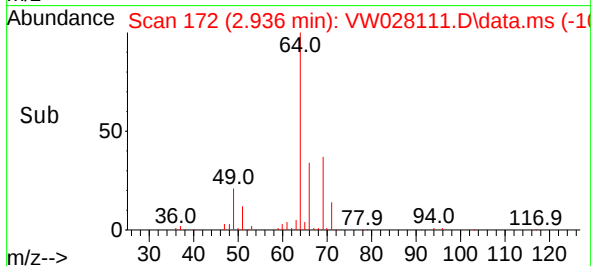
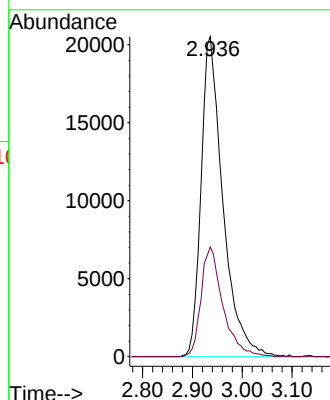
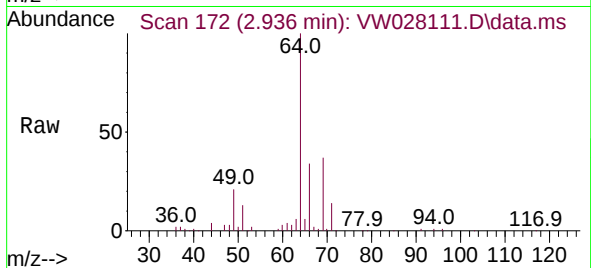




#8
Chloroethane
Concen: 21.753 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

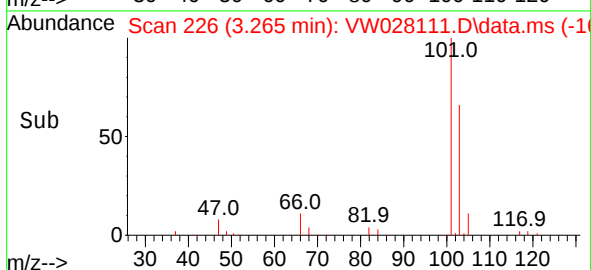
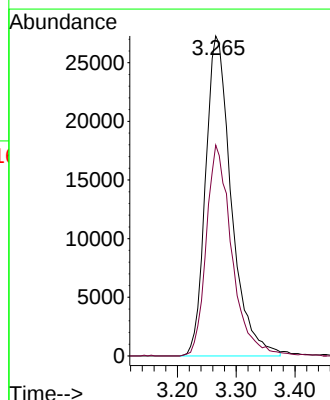
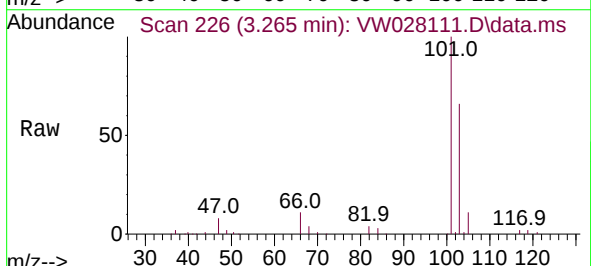
Instrument :
MSVOA_W
ClientSampleId :

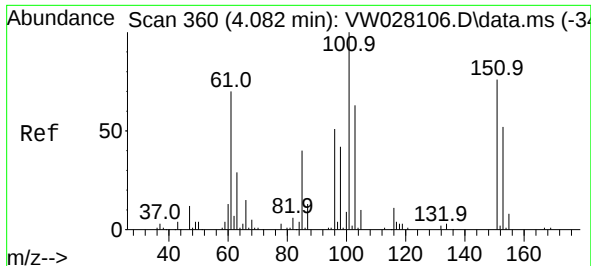
Tgt Ion: 64 Resp: 62359
Ion Ratio Lower Upper
64 100
66 34.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 19.531 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

Tgt Ion:101 Resp: 83155
Ion Ratio Lower Upper
101 100
103 65.4 52.6 78.8





#10

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

Concen: 9.407 ug/L

RT: 4.064 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :

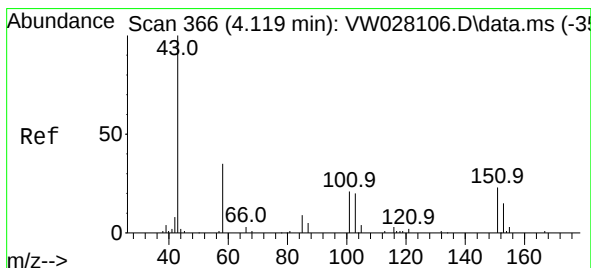
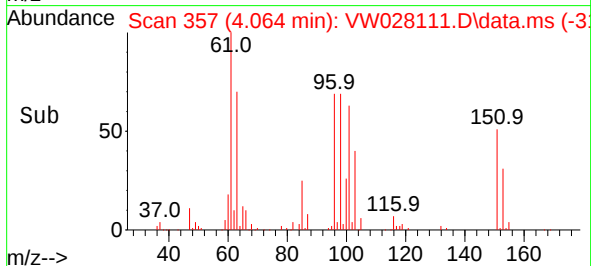
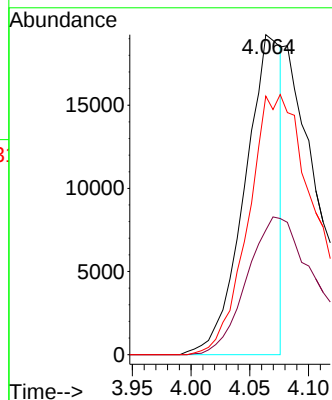
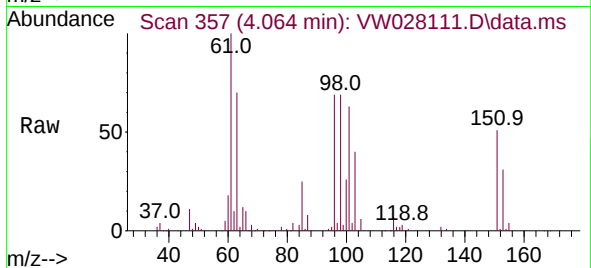
Tgt Ion:101 Resp: 41639

Ion Ratio Lower Upper

101 100

85 82.6 33.1 49.7#

151 155.1 53.7 80.5#



#13

Acetone

Concen: 43.160 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW028111.D

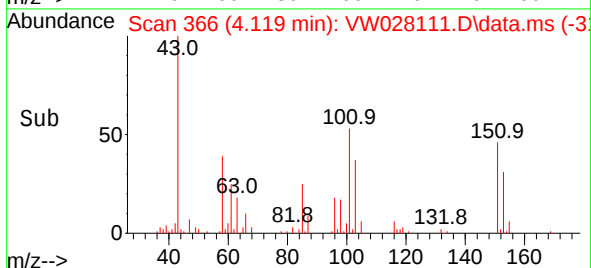
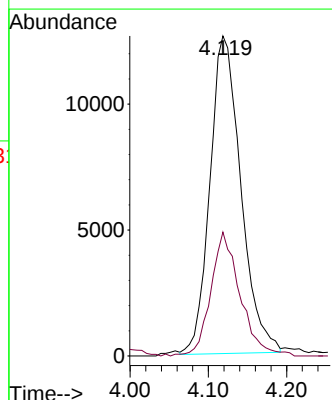
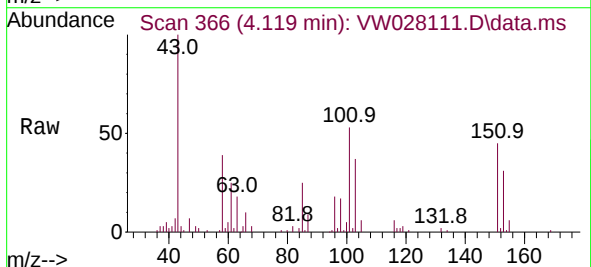
Acq: 06 Mar 2024 11:37

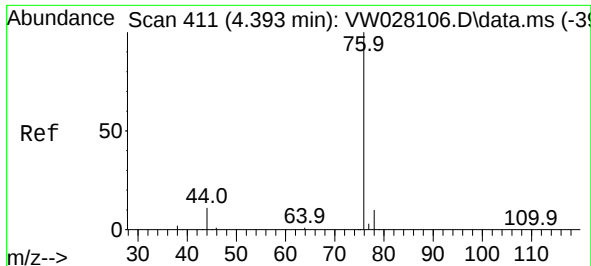
Tgt Ion: 43 Resp: 34639

Ion Ratio Lower Upper

43 100

58 36.9 0.0 70.0

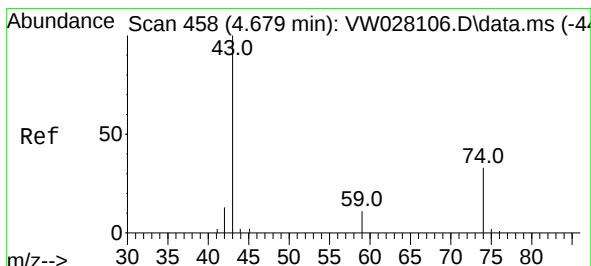
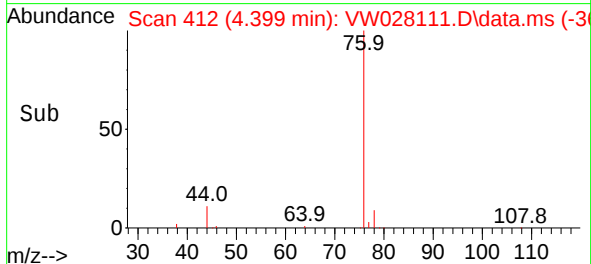
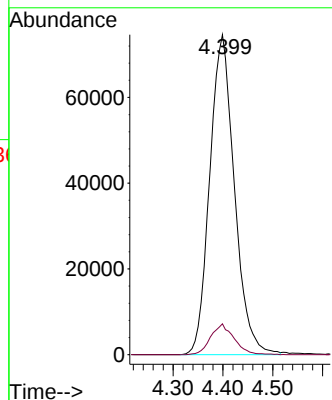
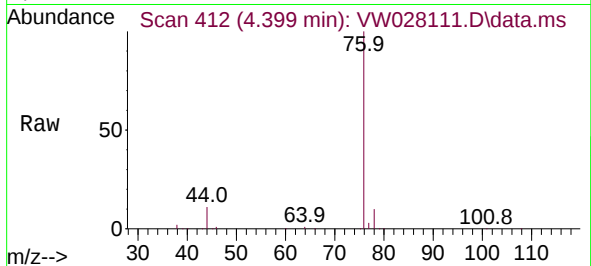




#14
Carbon disulfide
Concen: 20.112 ug/L
RT: 4.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

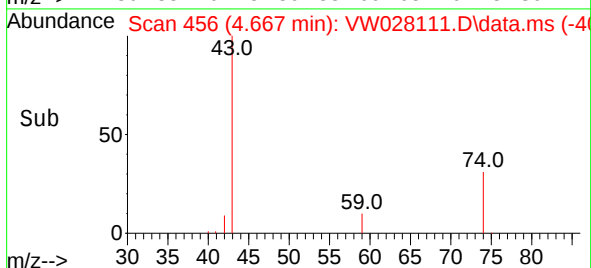
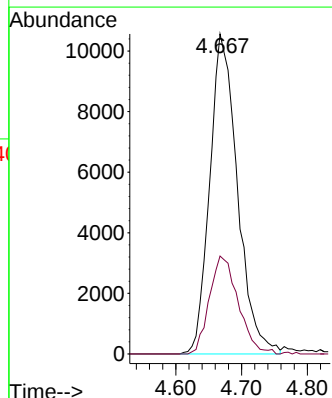
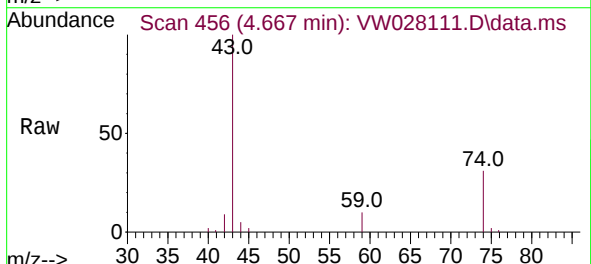
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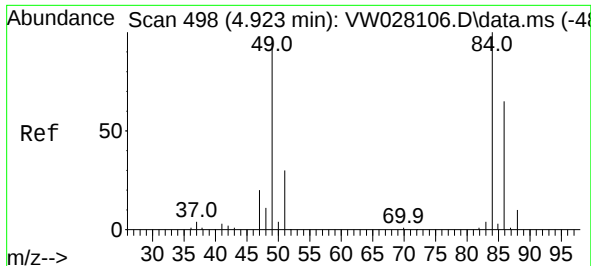
Tgt Ion: 76 Resp: 256802
Ion Ratio Lower Upper
76 100
78 9.7 7.9 11.9



#15
Methyl Acetate
Concen: 27.325 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.012 min
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Tgt Ion: 43 Resp: 30997
Ion Ratio Lower Upper
43 100
74 31.5 24.3 36.5

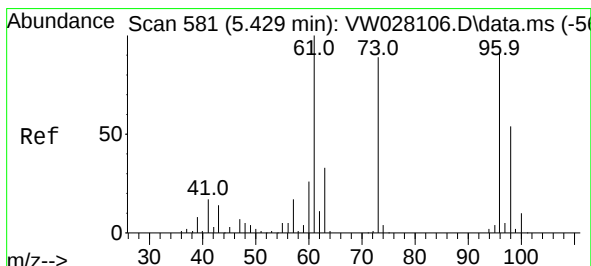
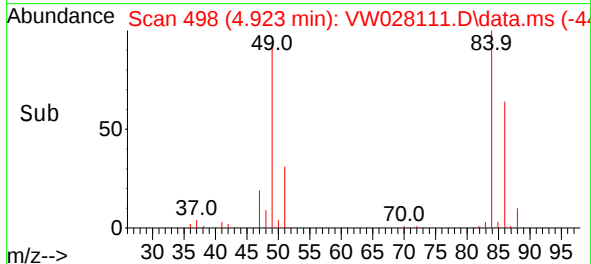
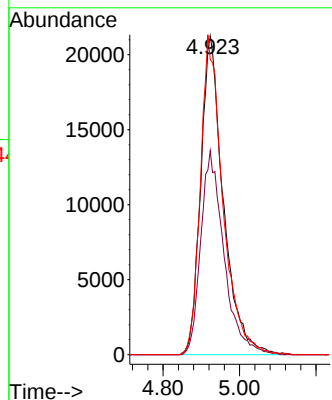
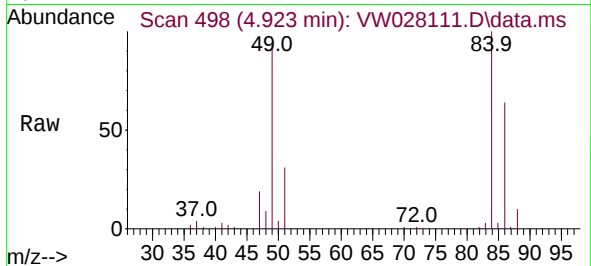




#16
Methylene chloride
Concen: 18.815 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

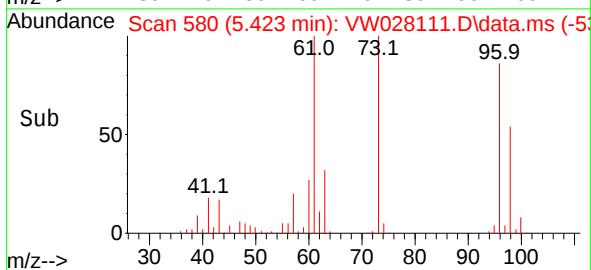
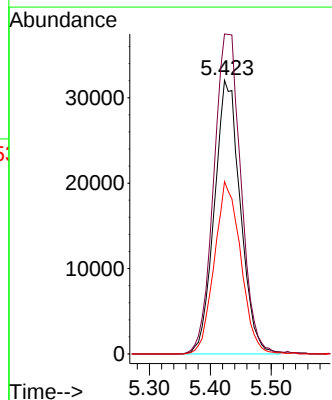
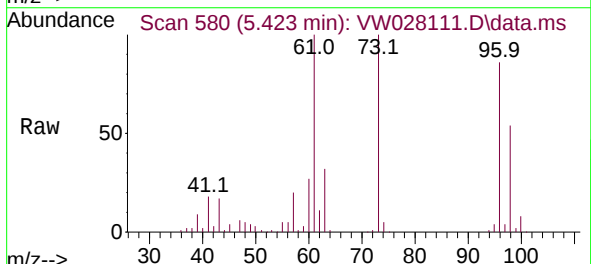
Instrument :
MSVOA_W
ClientSampleId :

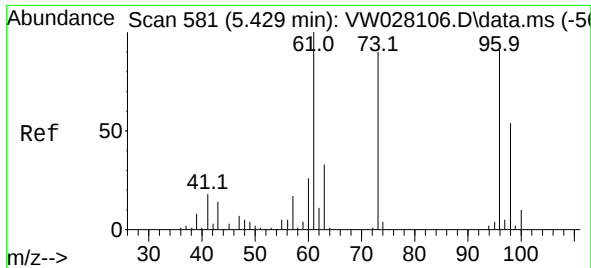
Tgt Ion: 84 Resp: 87271
Ion Ratio Lower Upper
84 100
86 64.0 41.2 76.6
49 92.6 66.5 123.5



#17
trans-1,2-Dichloroethene
Concen: 21.198 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 96 Resp: 94945
Ion Ratio Lower Upper
96 100
61 116.9 82.6 153.4
98 63.0 44.7 83.1

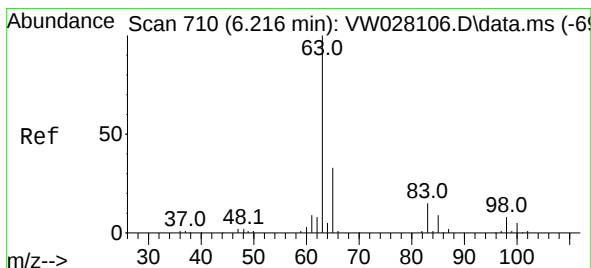
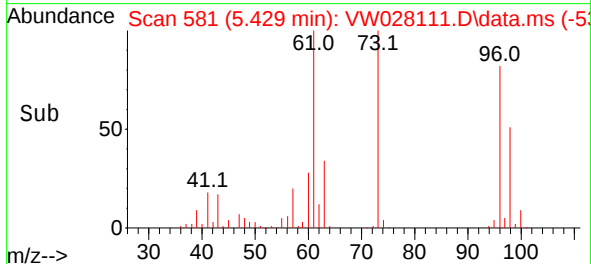
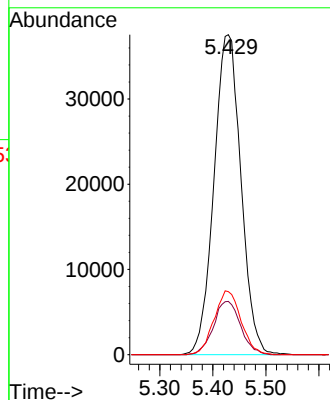
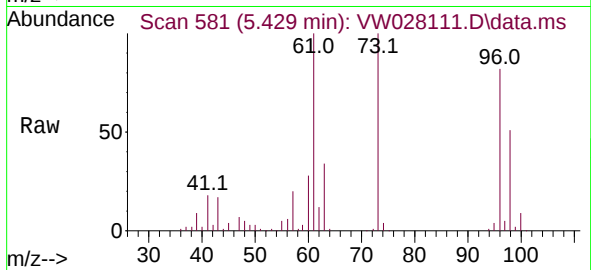




#18
Methyl tert-butyl Ether
Concen: 24.193 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

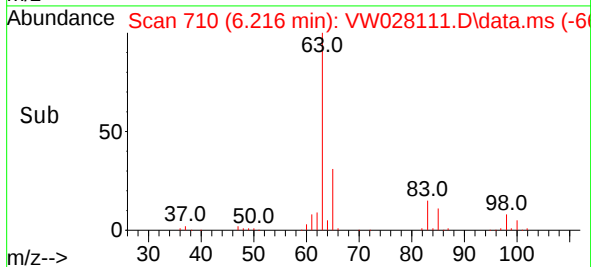
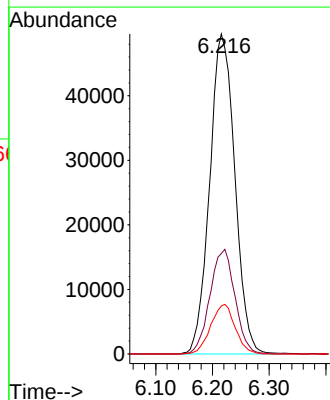
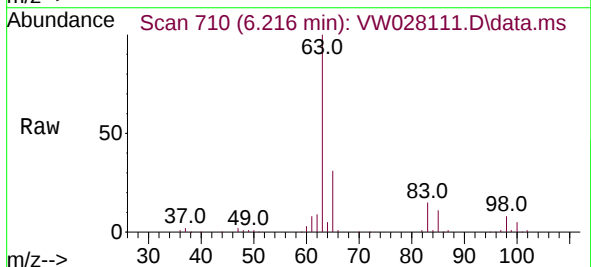
Instrument :
MSVOA_W
ClientSampleId :

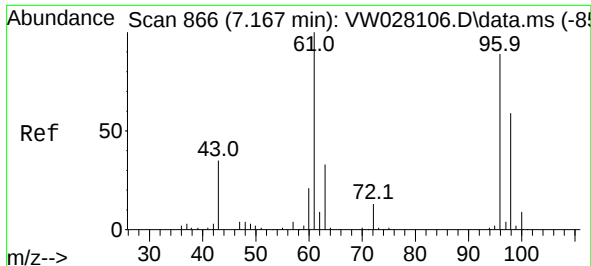
Tgt Ion: 73 Resp: 132705
Ion Ratio Lower Upper
73 100
43 16.7 13.3 19.9
57 19.8 15.9 23.9



#19
1,1-Dichloroethane
Concen: 21.610 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 63 Resp: 153038
Ion Ratio Lower Upper
63 100
65 31.4 23.2 43.0
83 15.0 10.2 19.0





#20

cis-1,2-Dichloroethene

Concen: 21.639 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :

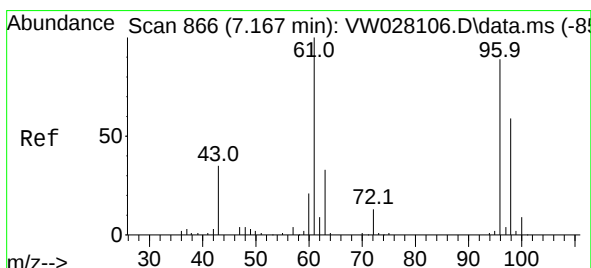
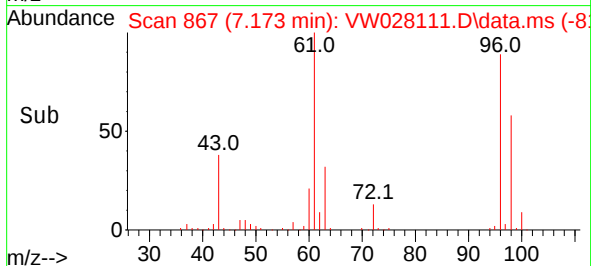
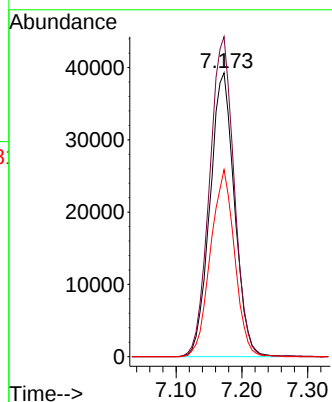
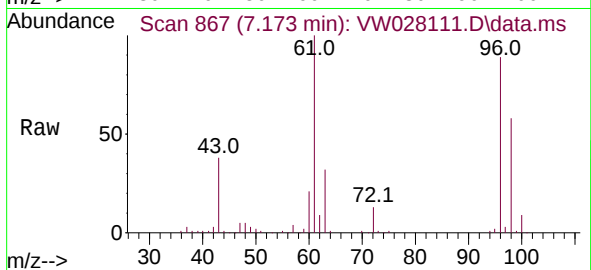
Tgt Ion: 96 Resp: 101995

Ion Ratio Lower Upper

96 100

61 112.8 75.5 140.1

98 65.9 43.8 81.4



#22

2-Butanone

Concen: 50.257 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028111.D

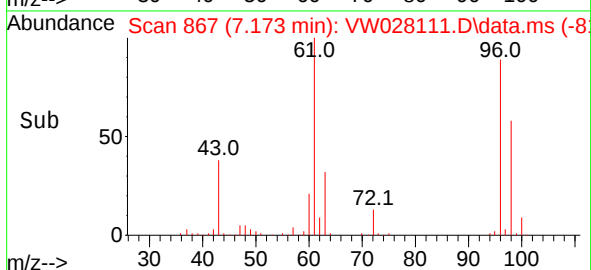
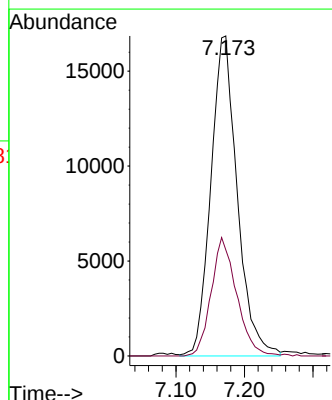
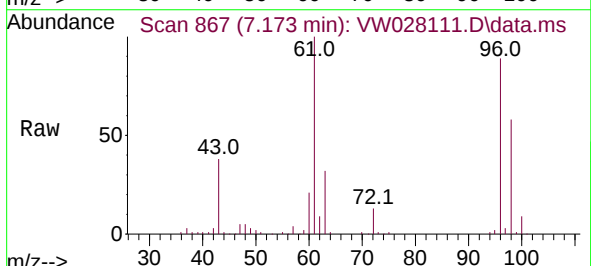
Acq: 06 Mar 2024 11:37

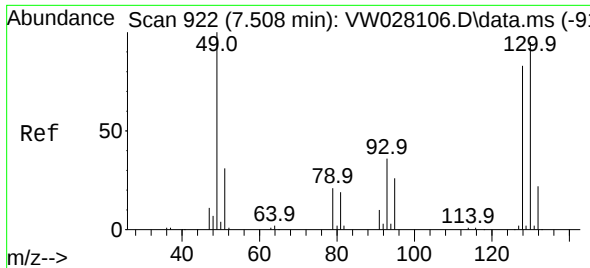
Tgt Ion: 43 Resp: 45047

Ion Ratio Lower Upper

43 100

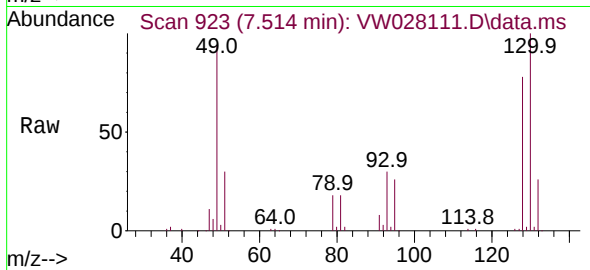
72 35.6 18.4 55.0



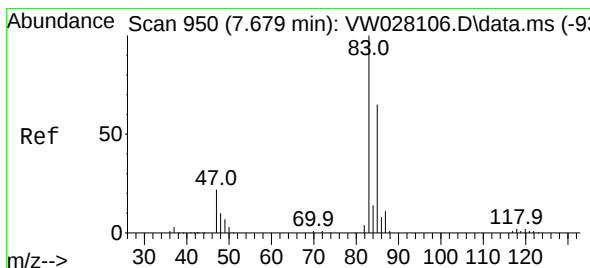
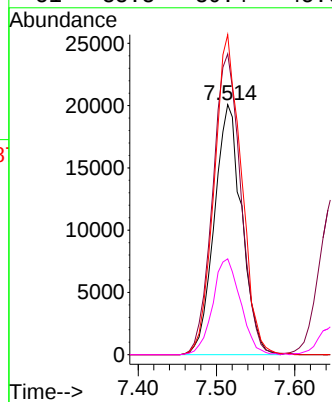
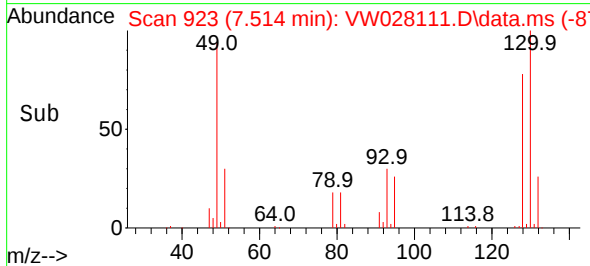


#23
Bromochloromethane
Concen: 22.121 ug/L
RT: 7.514 min Scan# 911
Delta R.T. 0.006 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

Instrument :
MSVOA_W
ClientSampleId :

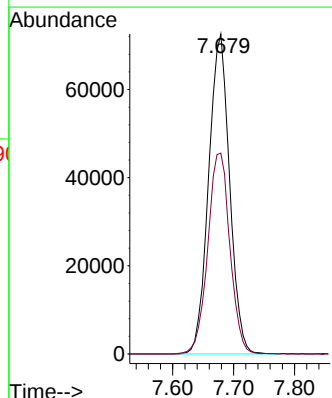
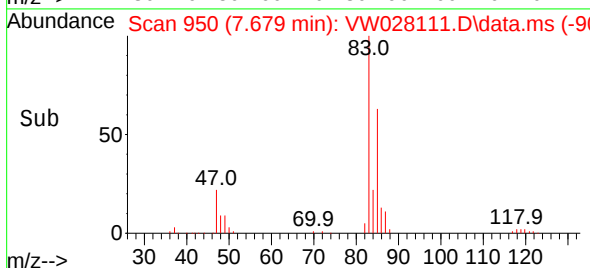
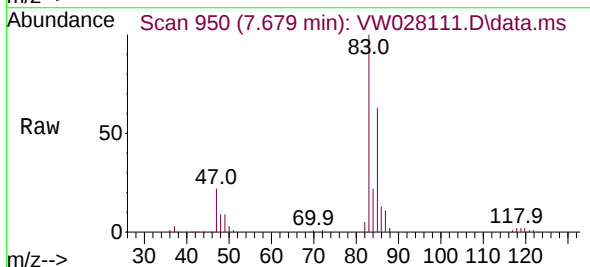


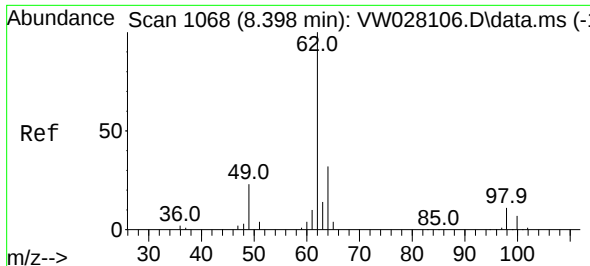
Tgt Ion:128	Resp:	48949
Ion	Ratio	Lower Upper
128	100	
49	120.2	84.4 156.8
130	127.9	91.1 169.3
51	38.3	30.4 45.6



#25
Chloroform
Concen: 21.901 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 83	Resp:	173238
Ion	Ratio	Lower Upper
83	100	
85	62.8	46.5 86.5





#27

1,2-Dichloroethane

Concen: 23.479 ug/L

RT: 8.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

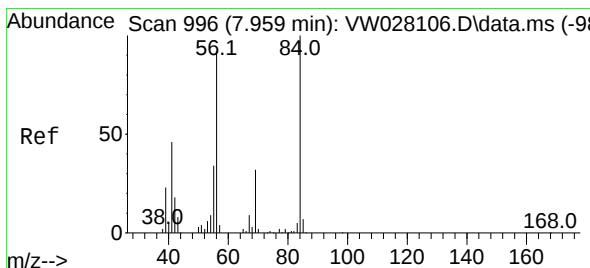
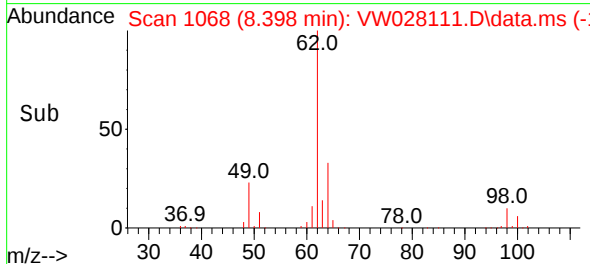
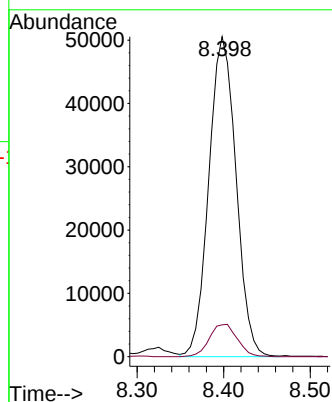
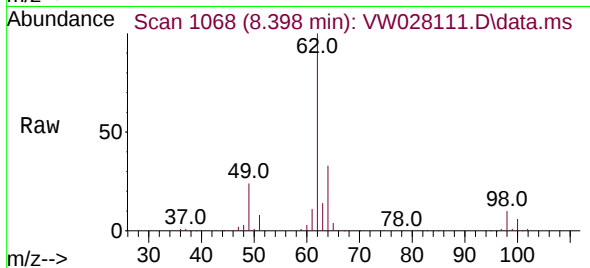
ClientSampleId :

Tgt Ion: 62 Resp: 110438

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.4



#29

Cyclohexane

Concen: 20.971 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

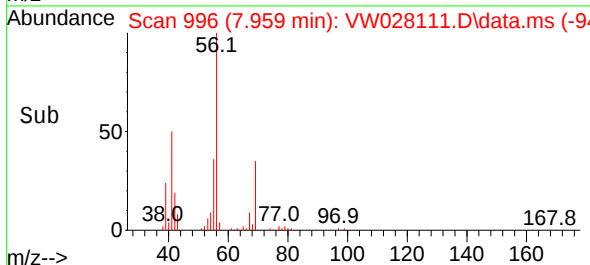
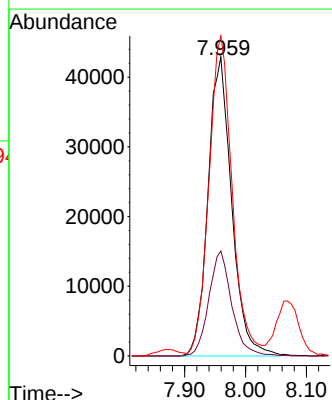
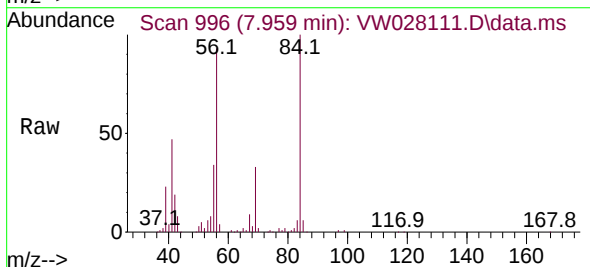
Tgt Ion: 56 Resp: 115835

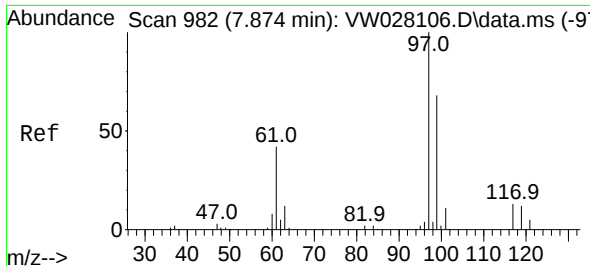
Ion Ratio Lower Upper

56 100

69 33.8 27.6 41.4

84 105.3 86.6 129.8





#30

1,1,1-Trichloroethane

Concen: 22.483 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :

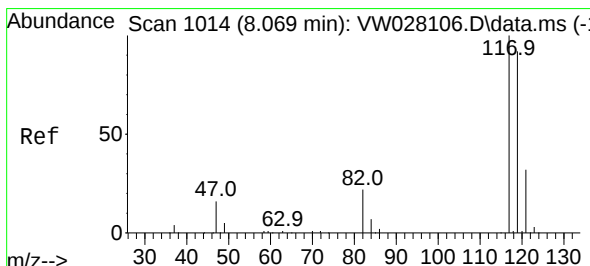
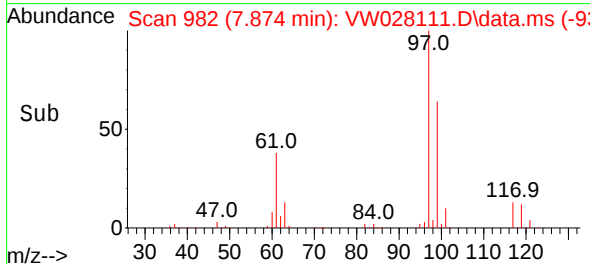
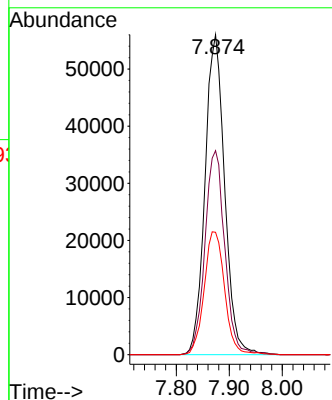
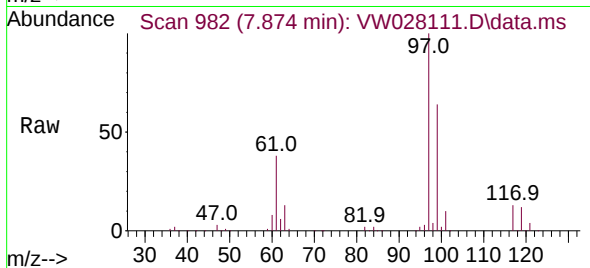
Tgt Ion: 97 Resp: 144190

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 39.8 31.8 47.6



#31

Carbon tetrachloride

Concen: 22.389 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028111.D

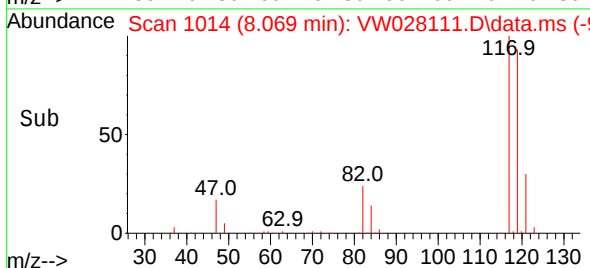
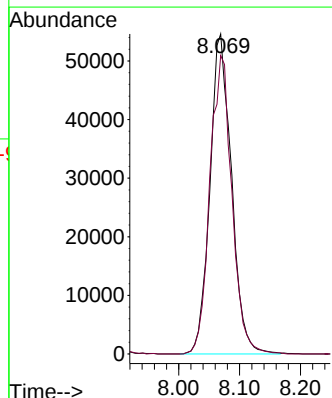
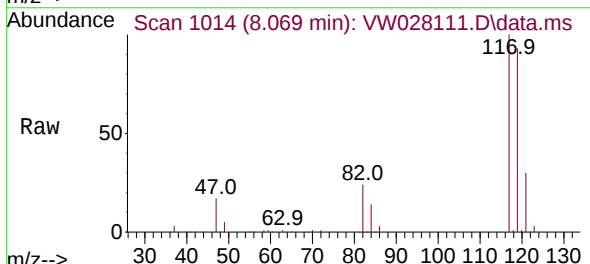
Acq: 06 Mar 2024 11:37

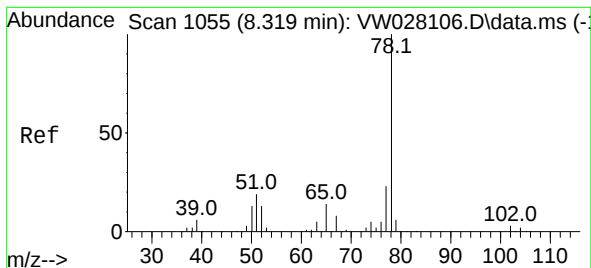
Tgt Ion: 117 Resp: 134084

Ion Ratio Lower Upper

117 100

119 95.2 76.8 115.2





#33

Benzene

Concen: 23.596 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW028111.D

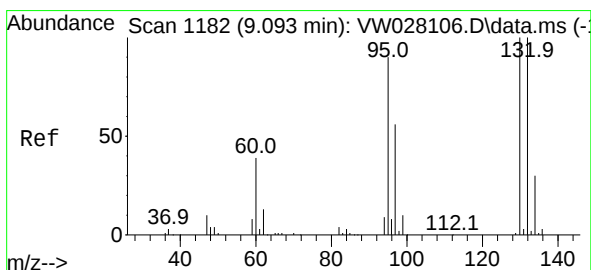
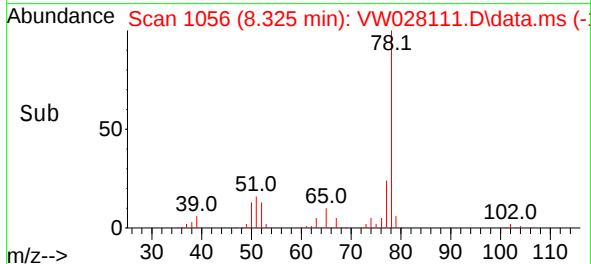
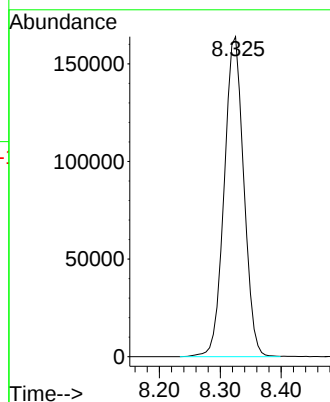
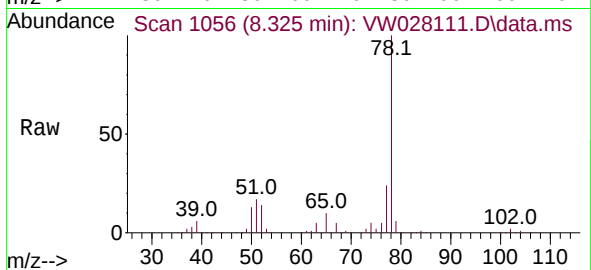
Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 366158



#34

Trichloroethene

Concen: 21.882 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Tgt Ion: 95 Resp: 99493

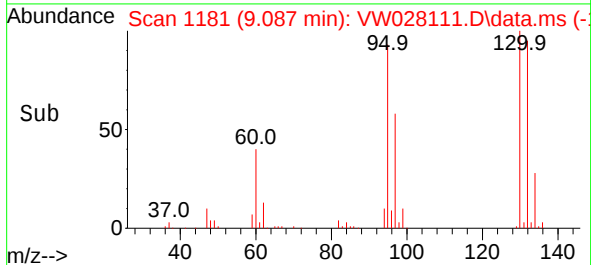
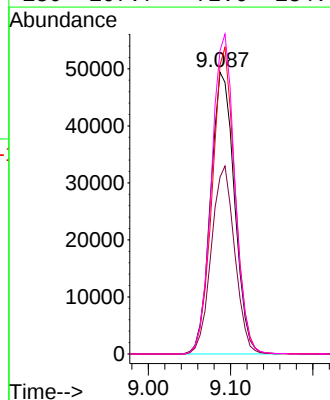
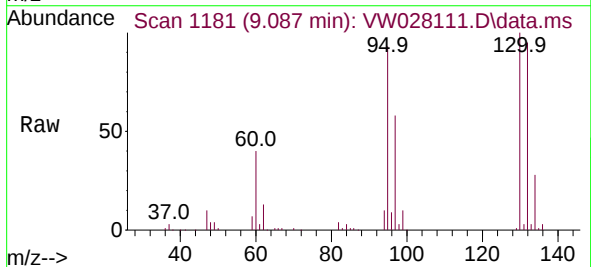
Ion Ratio Lower Upper

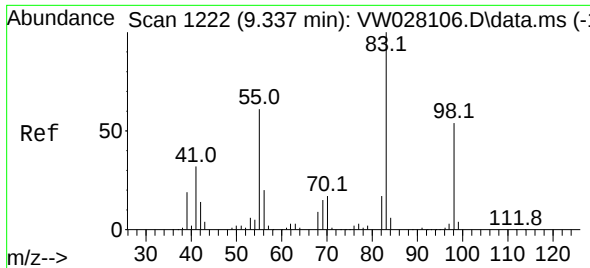
95 100

97 62.8 44.5 82.7

132 102.6 68.3 126.9

130 107.7 72.6 134.8

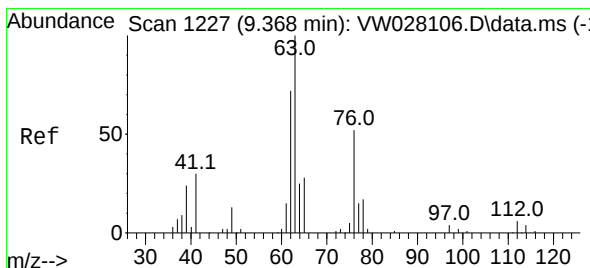
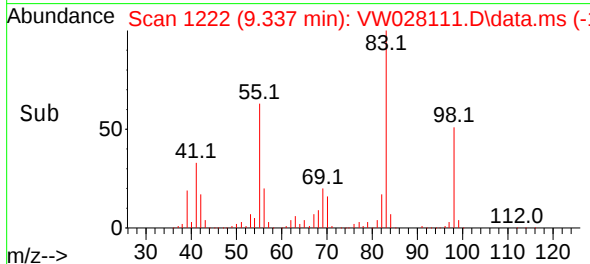
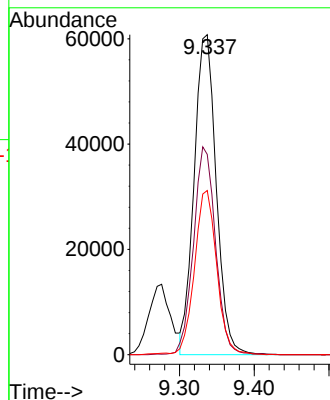
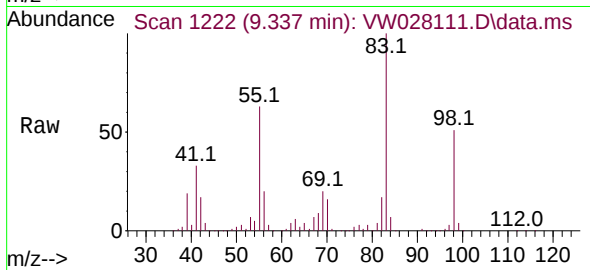




#35
Methylcyclohexane
Concen: 16.998 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

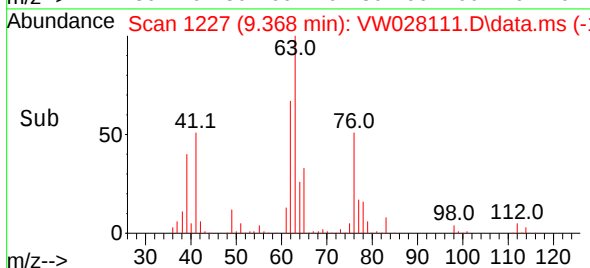
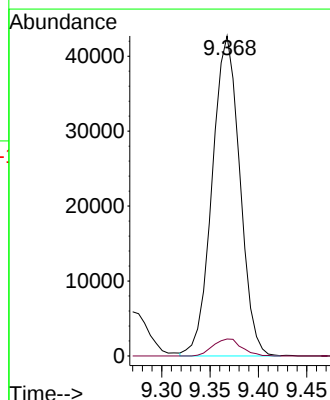
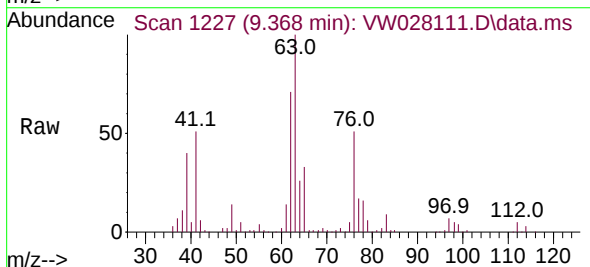
Instrument :
MSVOA_W
ClientSampleId :

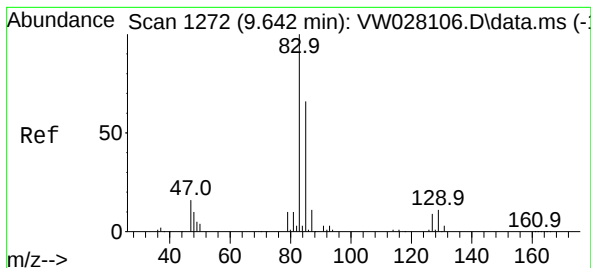
Tgt Ion: 83 Resp: 125087
Ion Ratio Lower Upper
83 100
55 64.7 52.1 78.1
98 51.4 42.2 63.4



#37
1,2-Dichloropropane
Concen: 23.488 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 63 Resp: 84880
Ion Ratio Lower Upper
63 100
112 5.5 4.4 6.6





#38

Bromodichloromethane

Concen: 23.784 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

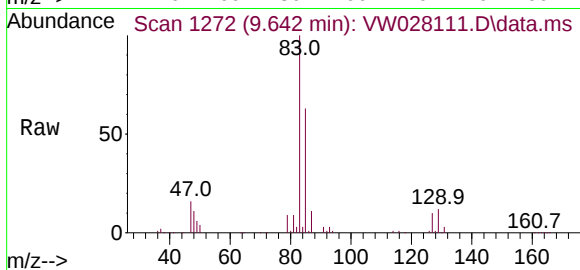
Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :



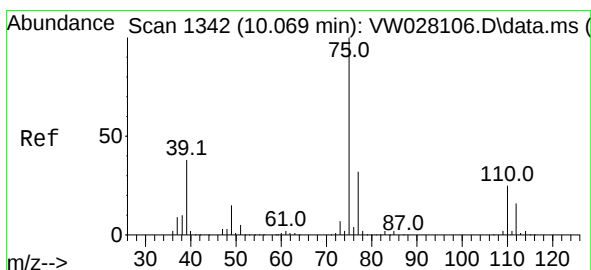
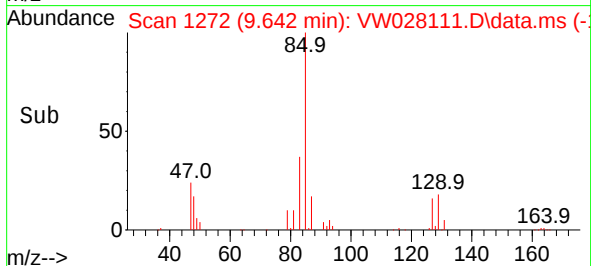
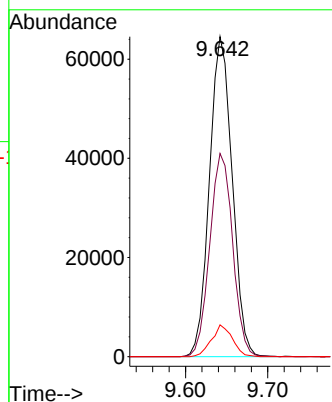
Tgt Ion: 83 Resp: 124146

Ion Ratio Lower Upper

83 100

85 63.5 43.3 80.5

127 9.9 6.9 10.3



#39

cis-1,3-Dichloropropene

Concen: 24.672 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028111.D

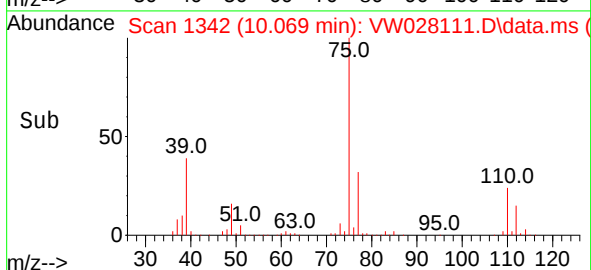
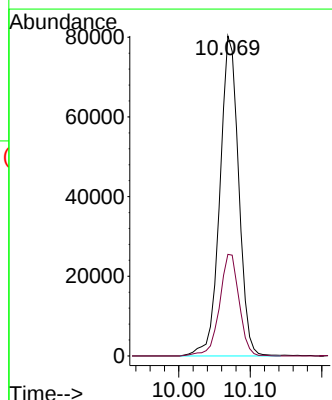
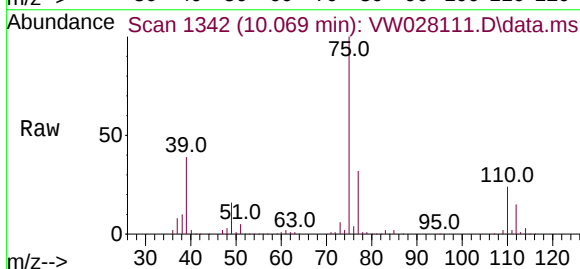
Acq: 06 Mar 2024 11:37

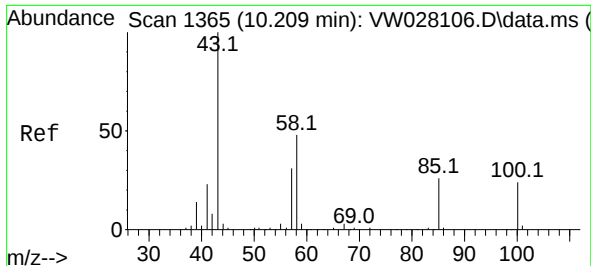
Tgt Ion: 75 Resp: 146616

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3





#40

4-Methyl-2-pentanone

Concen: 60.840 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :

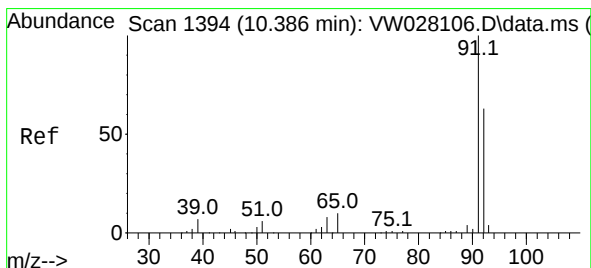
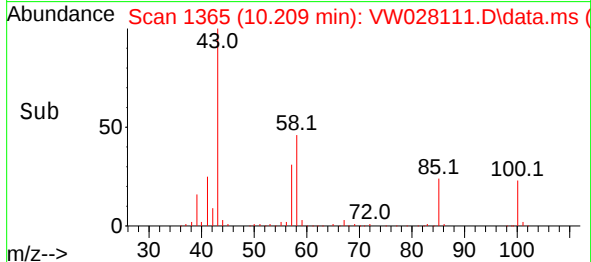
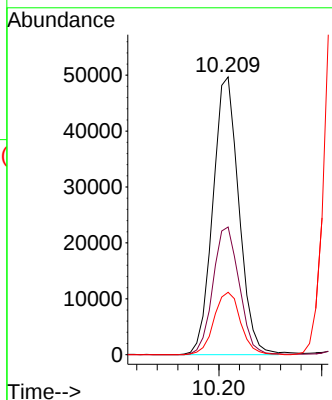
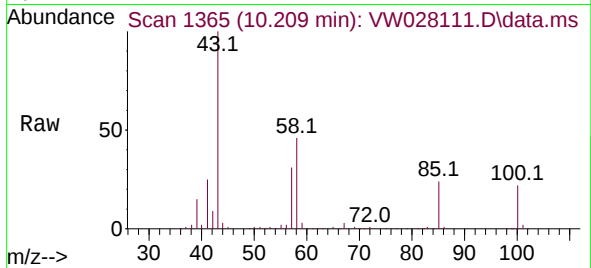
Tgt Ion: 43 Resp: 87325

Ion Ratio Lower Upper

43 100

58 46.4 37.8 56.8

100 22.9 18.2 27.4



#42

Toluene

Concen: 22.994 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028111.D

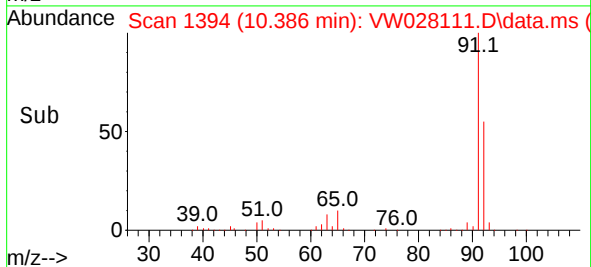
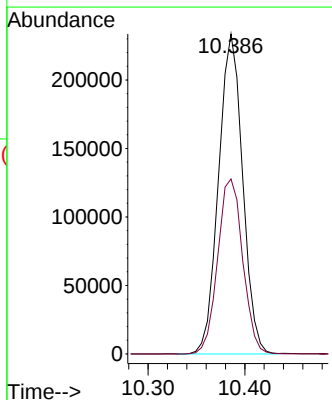
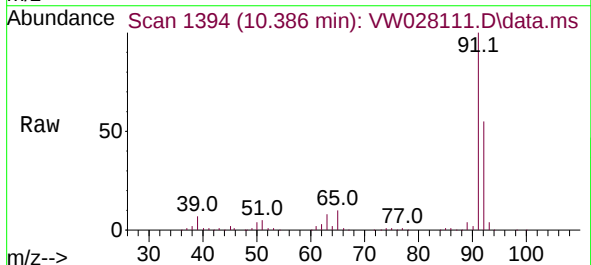
Acq: 06 Mar 2024 11:37

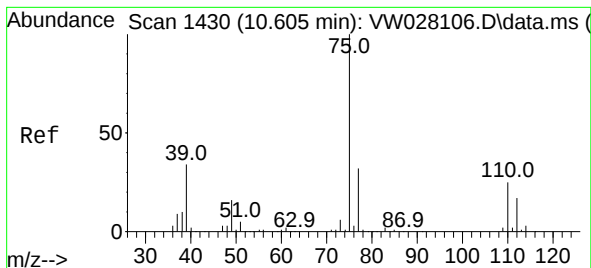
Tgt Ion: 91 Resp: 403178

Ion Ratio Lower Upper

91 100

92 54.7 39.0 72.4





#44

trans-1,3-Dichloropropene

Concen: 25.280 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

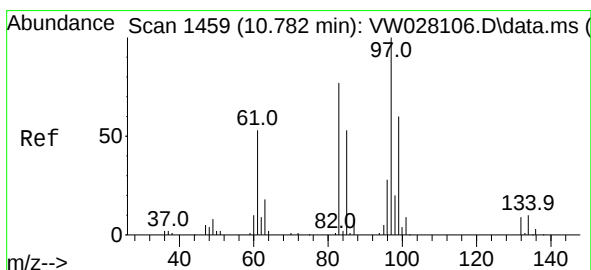
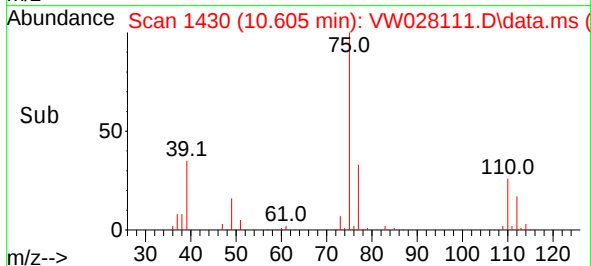
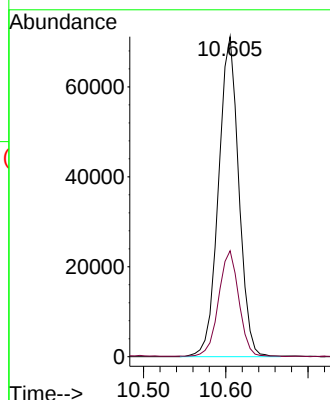
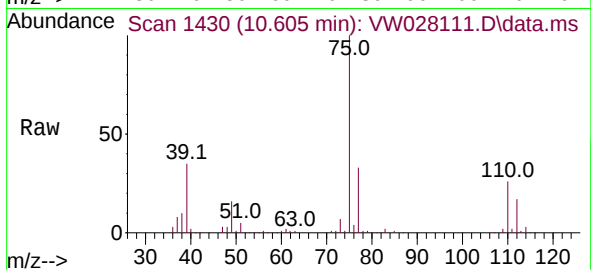
ClientSampleId :

Tgt Ion: 75 Resp: 122043

Ion Ratio Lower Upper

75 100

77 33.1 22.9 42.5



#45

1,1,2-Trichloroethane

Concen: 24.982 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Tgt Ion: 97 Resp: 75712

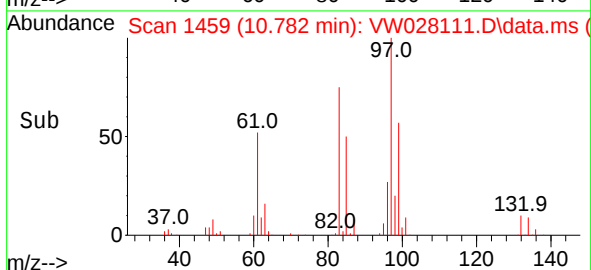
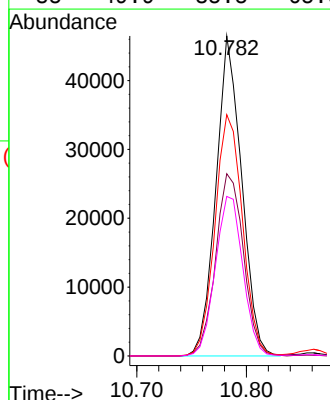
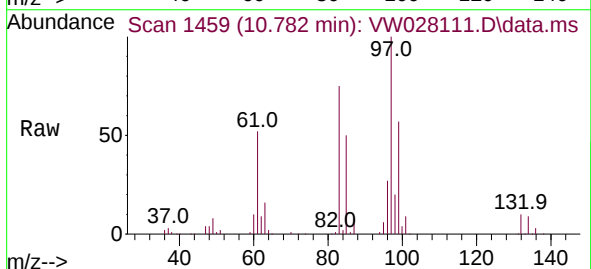
Ion Ratio Lower Upper

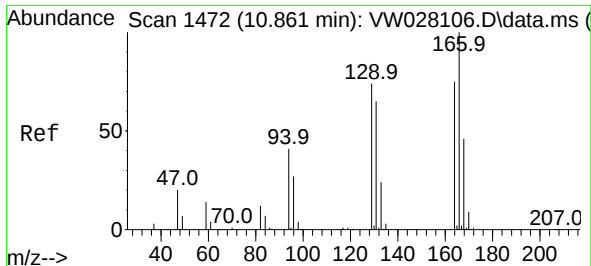
97 100

99 56.9 41.9 77.7

83 75.4 56.1 104.1

85 49.9 35.5 65.9





#46

Tetrachloroethene

Concen: 20.501 ug/L

RT: 10.855 min Scan# 1472

Delta R.T. -0.006 min

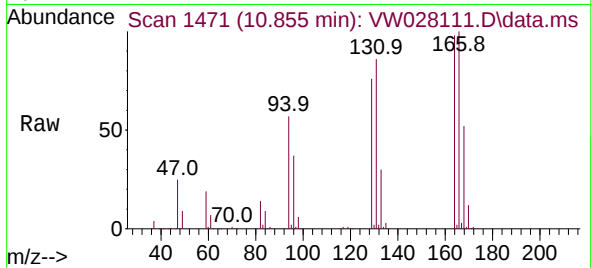
Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 78121

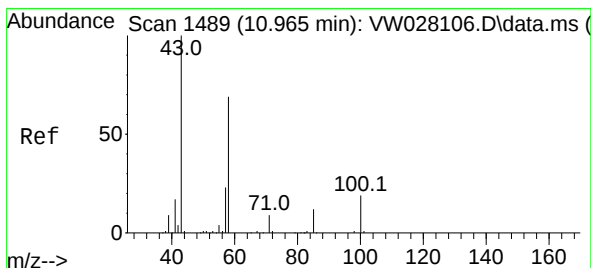
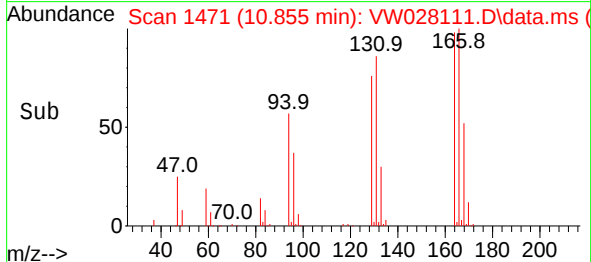
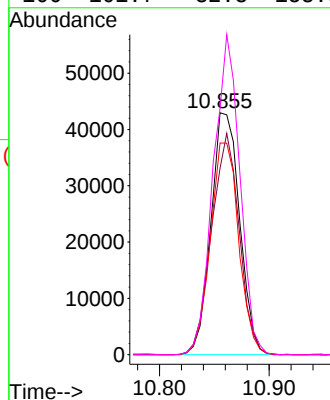
Ion Ratio Lower Upper

164 100

129 77.0 65.2 121.0

131 87.5 66.2 123.0

166 101.7 82.8 153.8



#48

2-Hexanone

Concen: 57.109 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Tgt Ion: 43 Resp: 66278

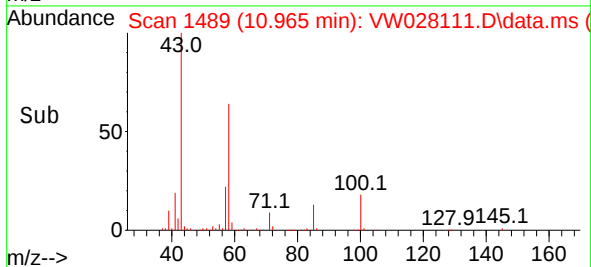
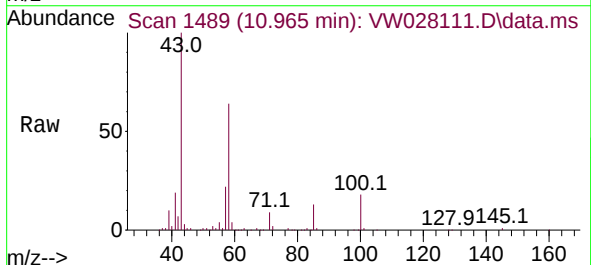
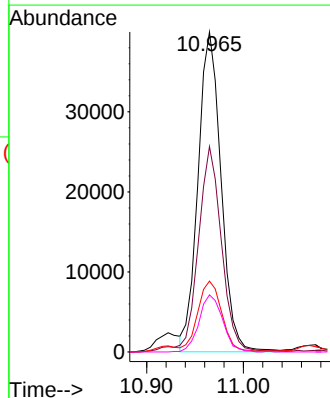
Ion Ratio Lower Upper

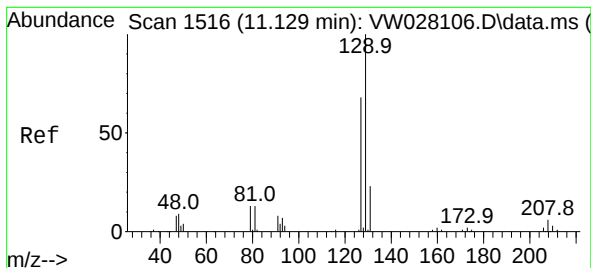
43 100

58 63.9 51.8 77.8

57 23.1 18.2 27.4

100 18.2 14.3 21.5





#49

Dibromochloromethane

Concen: 24.214 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

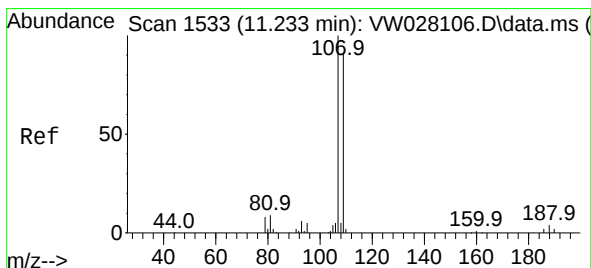
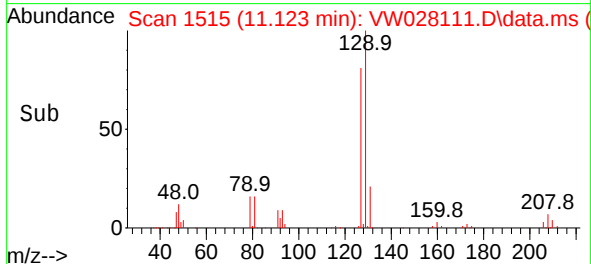
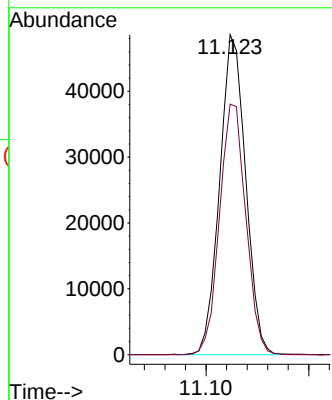
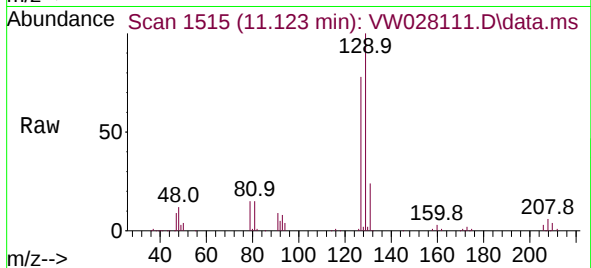
ClientSampleId :

Tgt Ion:129 Resp: 85310

Ion Ratio Lower Upper

129 100

127 78.3 57.1 106.1



#50

1,2-Dibromoethane

Concen: 24.924 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

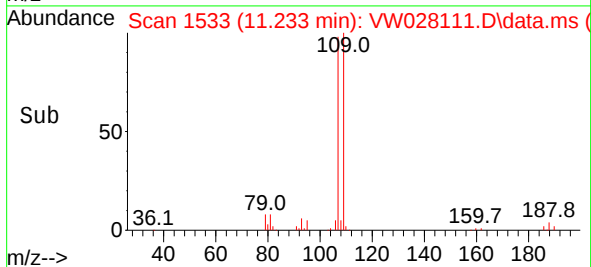
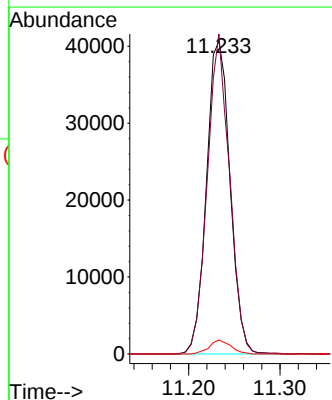
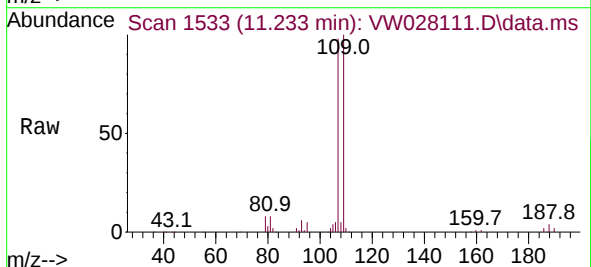
Tgt Ion:107 Resp: 72753

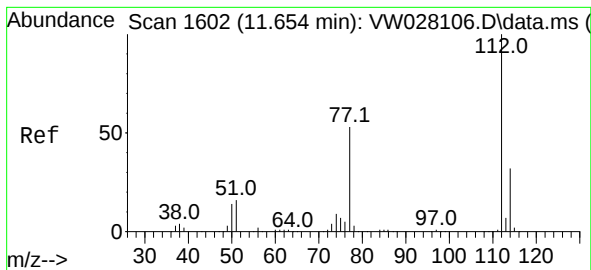
Ion Ratio Lower Upper

107 100

109 102.2 67.5 125.3

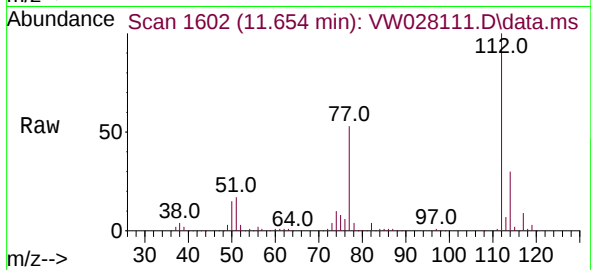
188 4.5 3.1 4.7



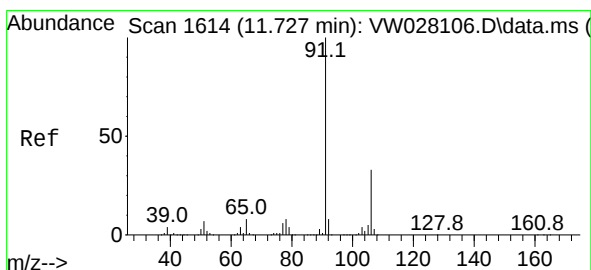
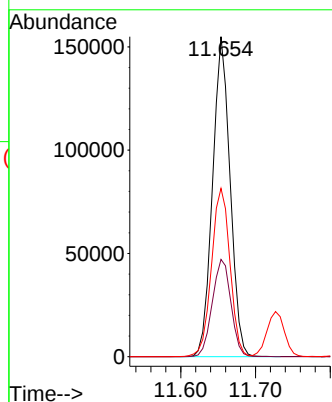
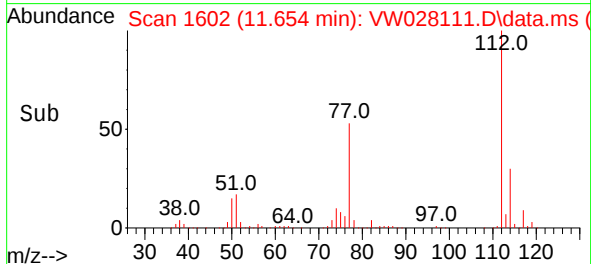


#51
Chlorobenzene
Concen: 21.584 ug/L
RT: 11.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

Instrument :
MSVOA_W
ClientSampleId :

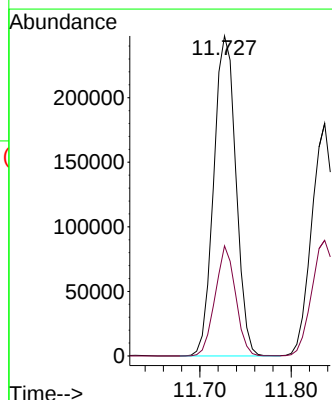
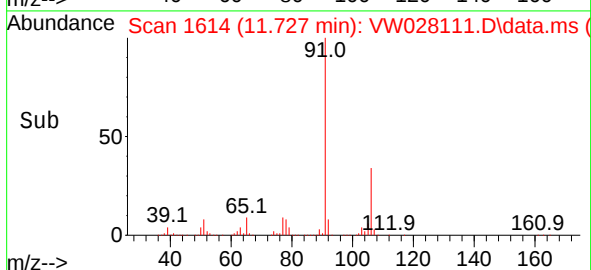
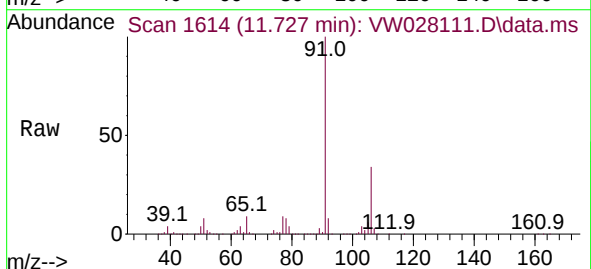


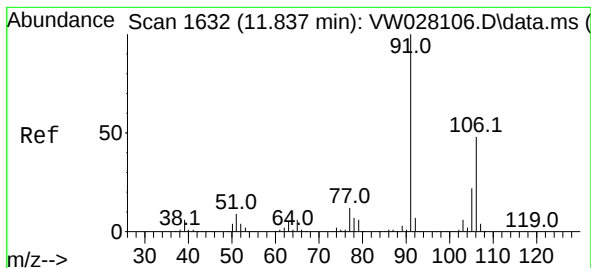
Tgt Ion:112 Resp: 252529
Ion Ratio Lower Upper
112 100
114 30.4 20.6 38.4
77 52.6 40.0 60.0



#52
Ethylbenzene
Concen: 20.868 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 91 Resp: 418344
Ion Ratio Lower Upper
91 100
106 34.4 23.8 44.2





#53

m,p-Xylene

Concen: 21.557 ug/L

RT: 11.837 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

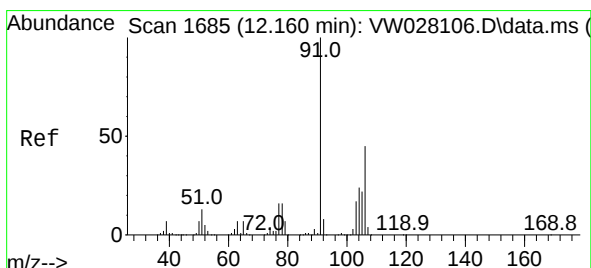
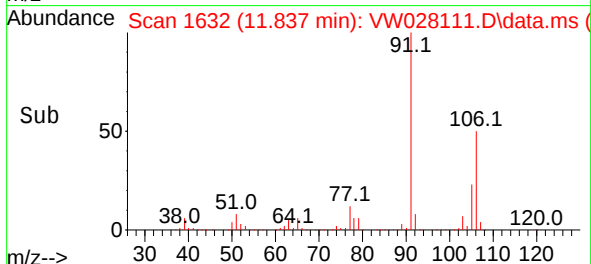
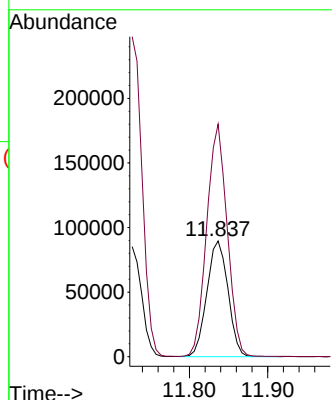
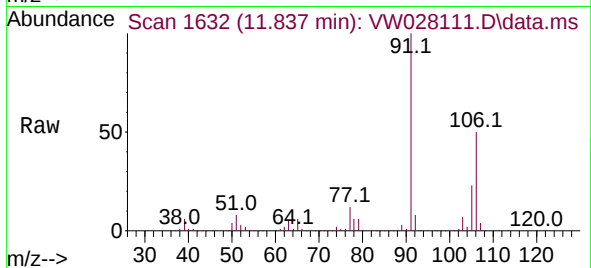
ClientSampleId :

Tgt Ion:106 Resp: 167670

Ion Ratio Lower Upper

106 100

91 201.1 139.7 259.4



#54

o-Xylene

Concen: 21.695 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW028111.D

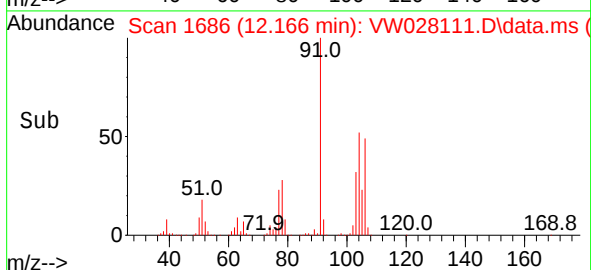
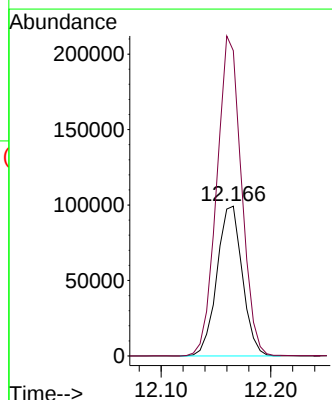
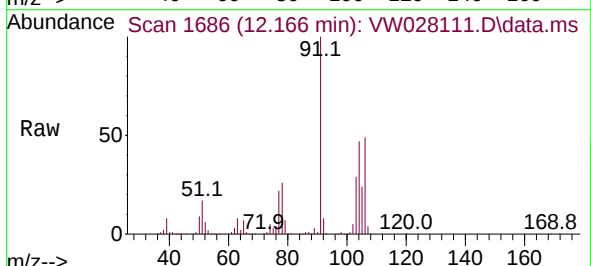
Acq: 06 Mar 2024 11:37

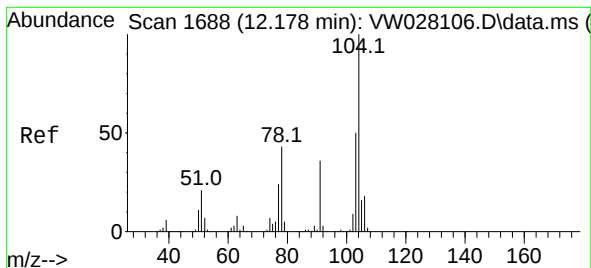
Tgt Ion:106 Resp: 159701

Ion Ratio Lower Upper

106 100

91 203.9 145.2 269.6





#55

Styrene

Concen: 21.878 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

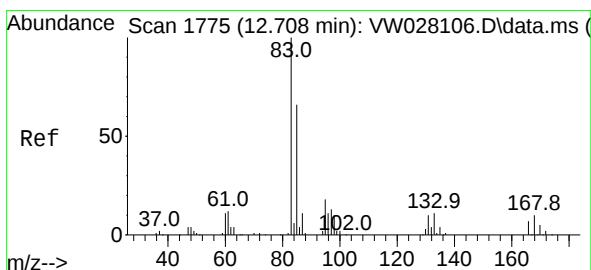
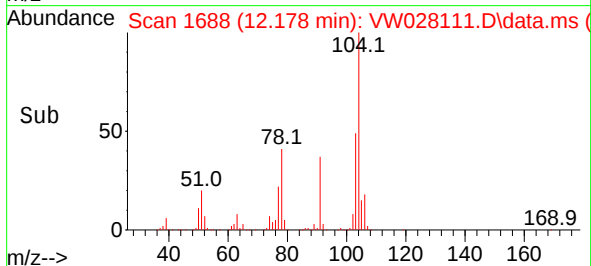
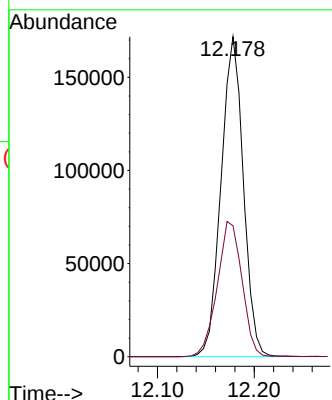
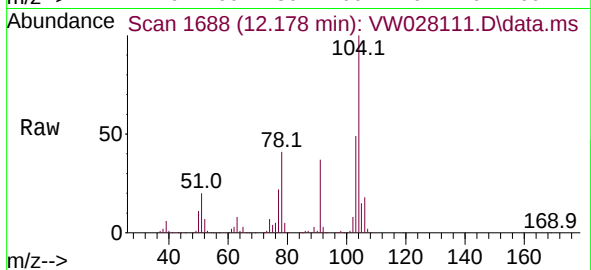
ClientSampleId :

Tgt Ion:104 Resp: 274660

Ion Ratio Lower Upper

104 100

78 40.9 29.1 54.1



#57

1,1,2,2-Tetrachloroethane

Concen: 26.720 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

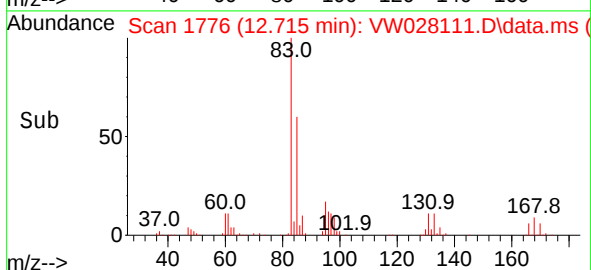
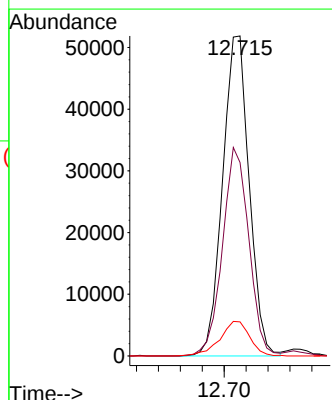
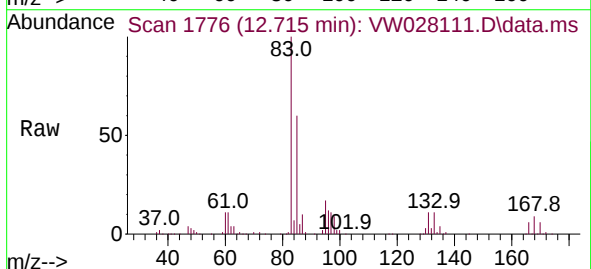
Tgt Ion: 83 Resp: 87318

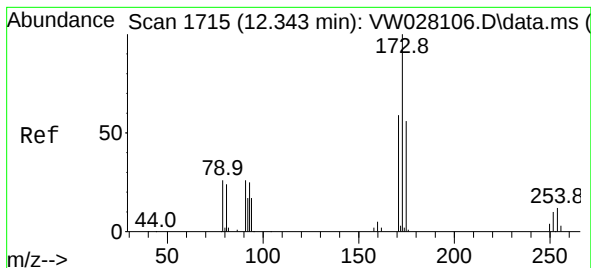
Ion Ratio Lower Upper

83 100

85 60.4 45.7 84.9

131 10.7 9.7 14.5





#59

Bromoform

Concen: 28.676 ug/L

RT: 12.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028111.D

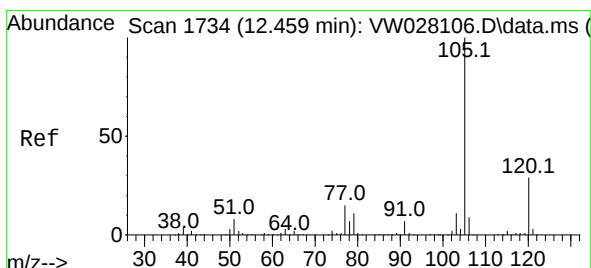
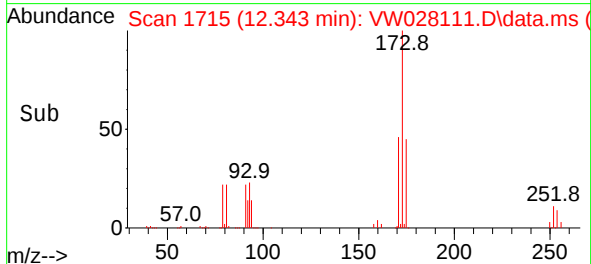
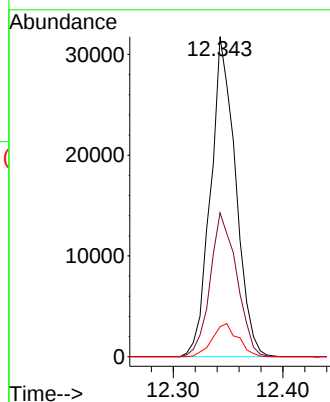
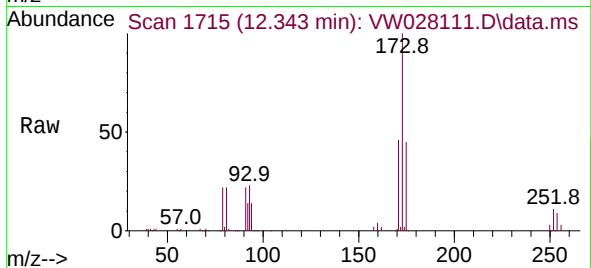
Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	50303
Ion Ratio	Lower	Upper
173	100	
175	47.7	37.2 55.8
254	10.6	8.5 12.7



#60

Isopropylbenzene

Concen: 22.950 ug/L

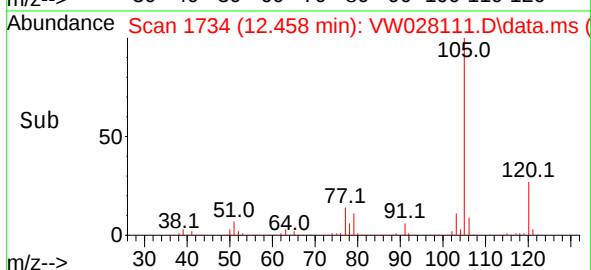
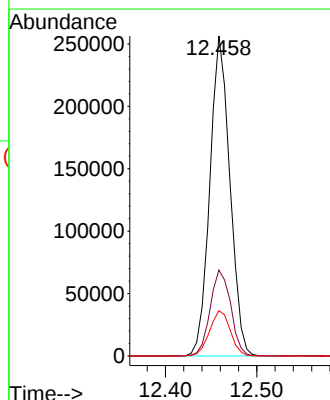
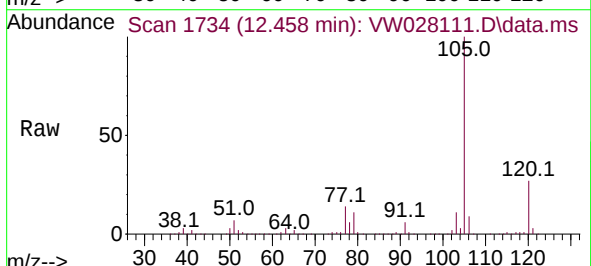
RT: 12.458 min Scan# 1734

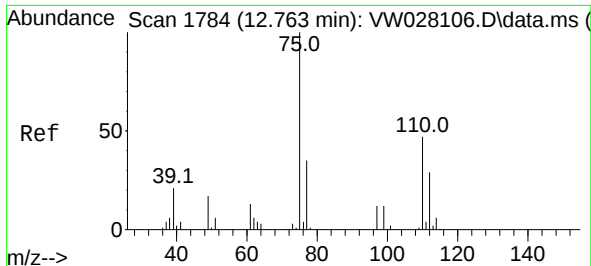
Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Tgt Ion:105	Resp:	389595
Ion Ratio	Lower	Upper
105	100	
120	27.6	22.2 33.2
77	14.6	11.8 17.6





#61

1,2,3-Trichloropropane

Concen: 32.475 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :

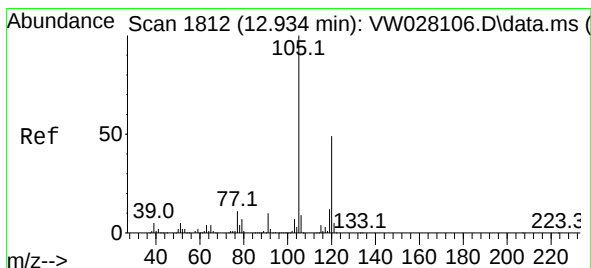
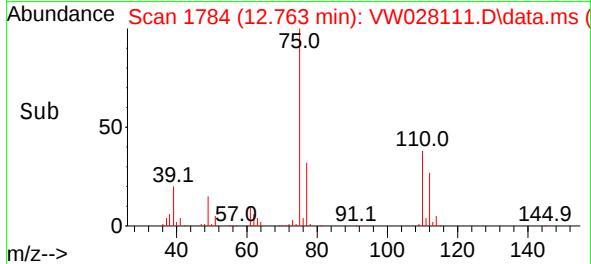
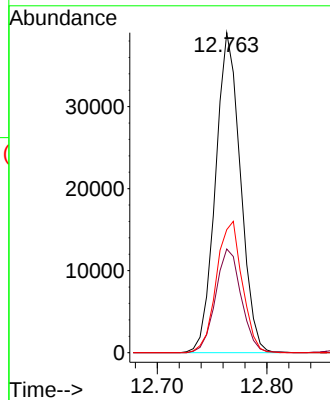
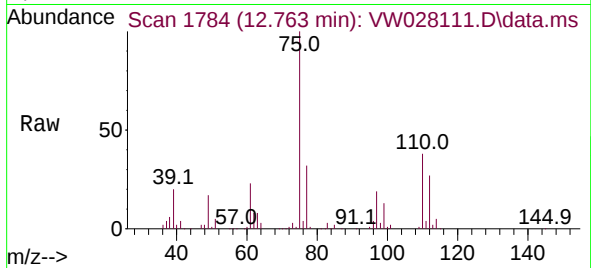
Tgt Ion: 75 Resp: 61772

Ion Ratio Lower Upper

75 100

77 33.4 25.9 38.9

110 42.4 34.1 51.1



#62

1,3,5-Trimethylbenzene

Concen: 22.016 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.006 min

Lab File: VW028111.D

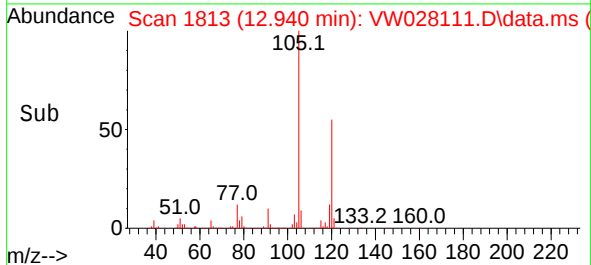
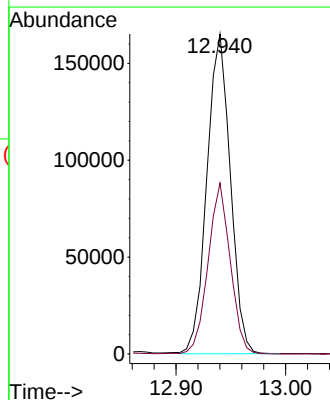
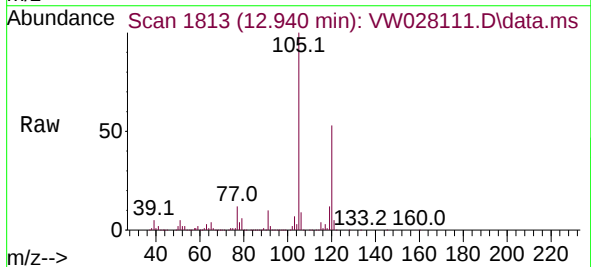
Acq: 06 Mar 2024 11:37

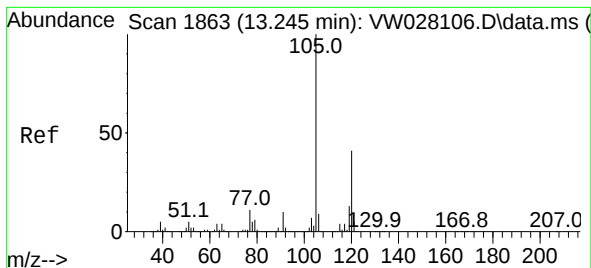
Tgt Ion:105 Resp: 245030

Ion Ratio Lower Upper

105 100

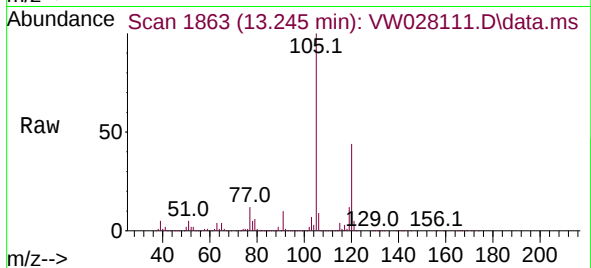
120 50.5 38.6 58.0



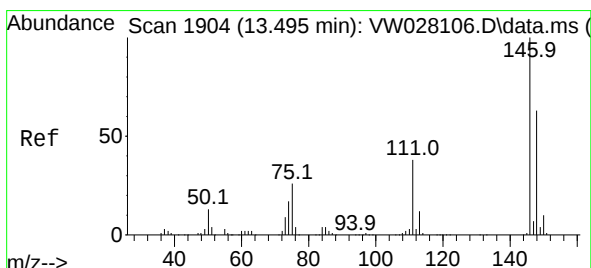
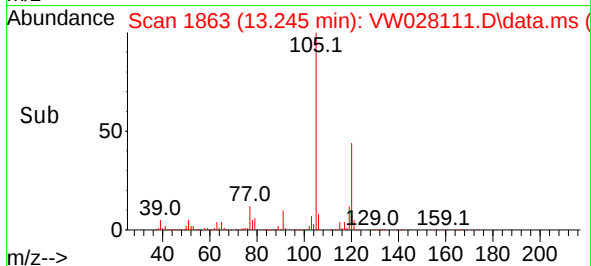
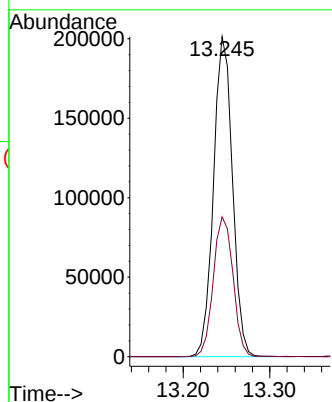


#63
1,2,4-Trimethylbenzene
Concen: 23.070 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

Instrument :
MSVOA_W
ClientSampleId :

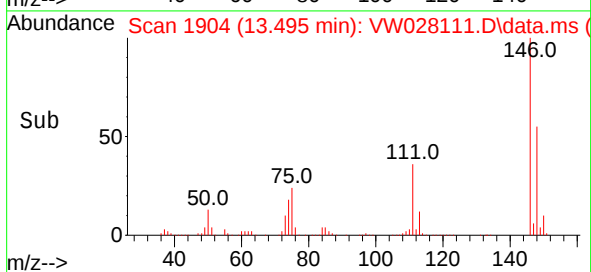
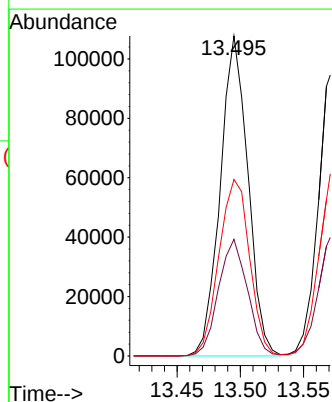
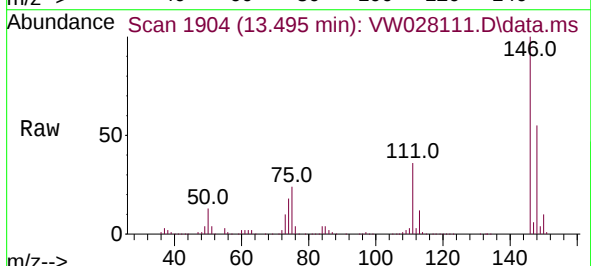


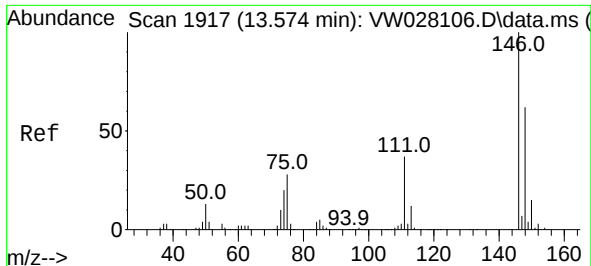
Tgt Ion:105 Resp: 306190
Ion Ratio Lower Upper
105 100
120 45.3 36.4 54.6



#64
1,3-Dichlorobenzene
Concen: 20.912 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

Tgt Ion:146 Resp: 164060
Ion Ratio Lower Upper
146 100
111 36.4 27.9 51.9
148 55.1 38.7 71.9





#65

1,4-Dichlorobenzene

Concen: 20.857 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :

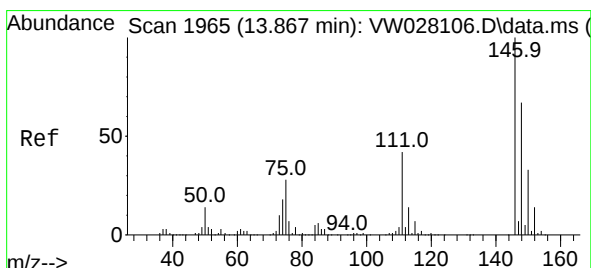
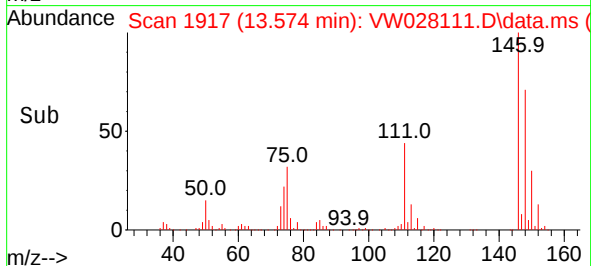
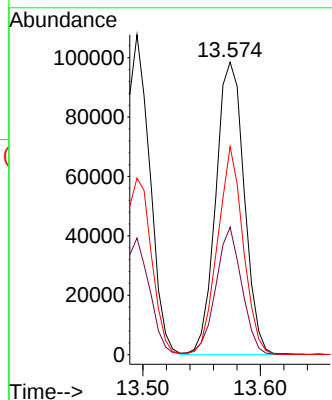
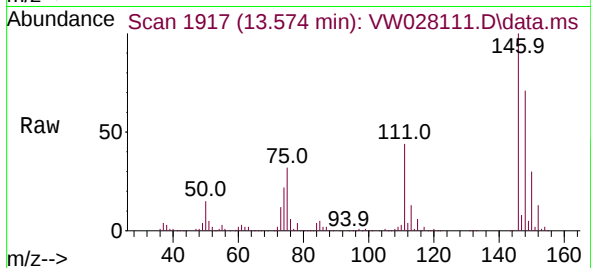
Tgt Ion:146 Resp: 165196

Ion Ratio Lower Upper

146 100

111 43.6 29.3 54.5

148 71.2 47.5 88.1



#67

1,2-Dichlorobenzene

Concen: 20.958 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

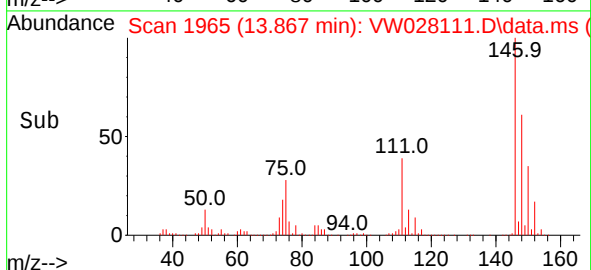
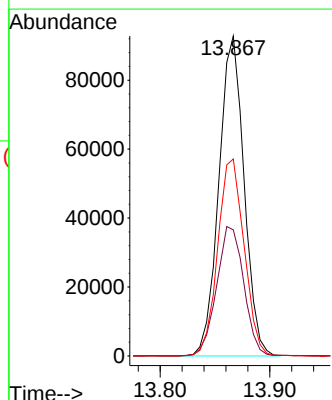
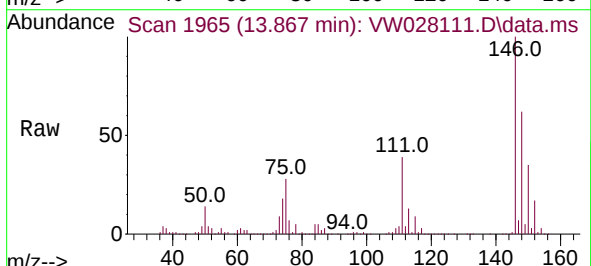
Tgt Ion:146 Resp: 148110

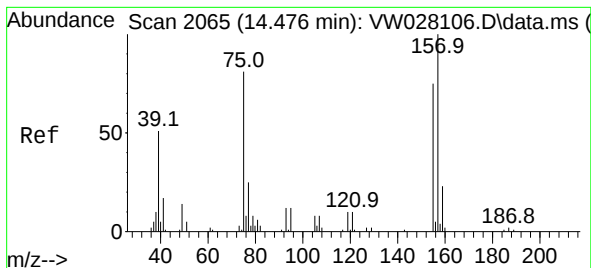
Ion Ratio Lower Upper

146 100

111 39.4 35.4 53.0

148 61.5 55.4 83.2





#68

1,2-Dibromo-3-chloropropane

Concen: 34.482 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_W

ClientSampleId :

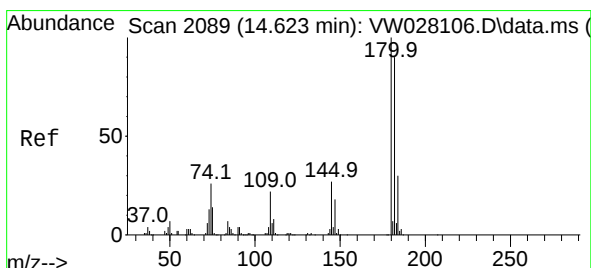
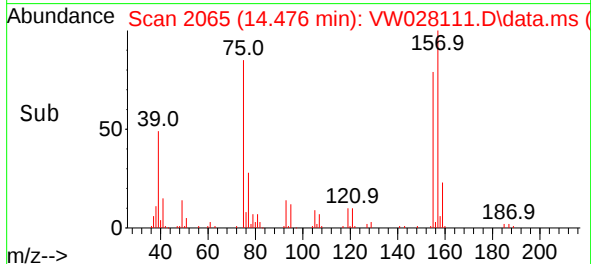
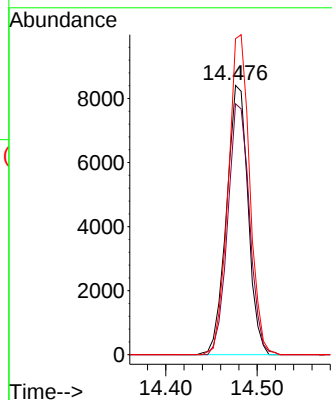
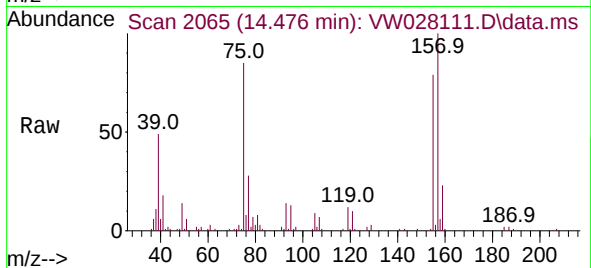
Tgt Ion: 75 Resp: 13776

Ion Ratio Lower Upper

75 100

155 93.1 69.3 103.9

157 117.3 82.4 123.6



#69

1,3,5-Trichlorobenzene

Concen: 13.387 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028111.D

Acq: 06 Mar 2024 11:37

Tgt Ion:180 Resp: 77504

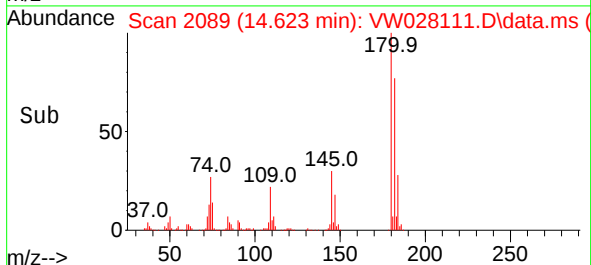
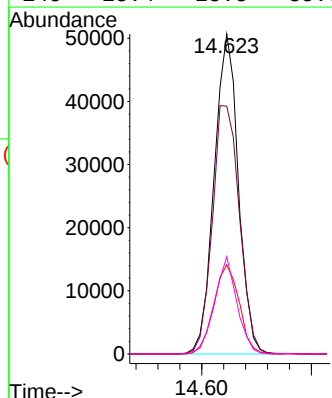
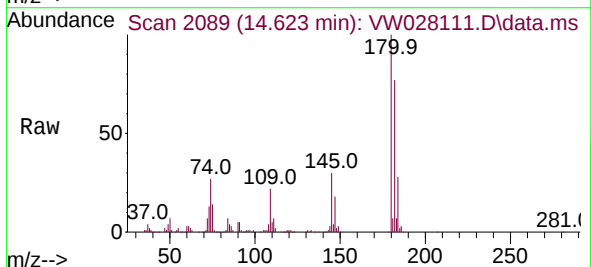
Ion Ratio Lower Upper

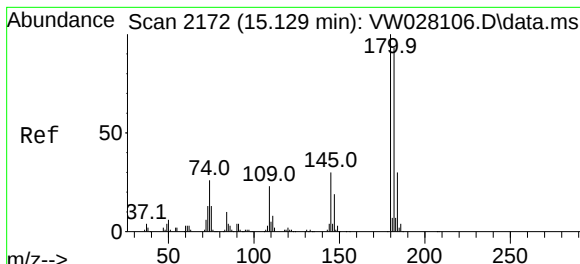
180 100

182 86.9 78.2 117.4

184 29.3 25.4 38.2

145 28.4 23.8 35.6

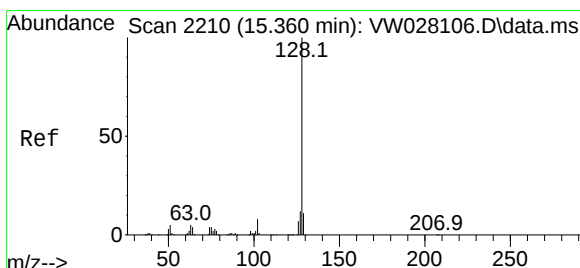
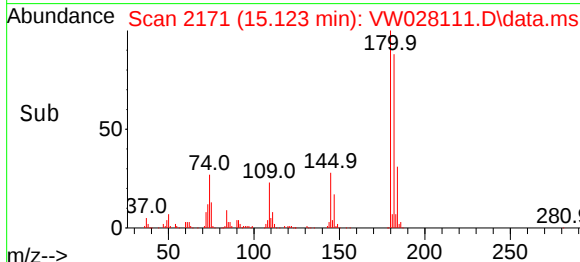
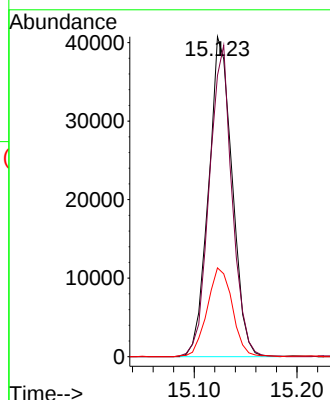
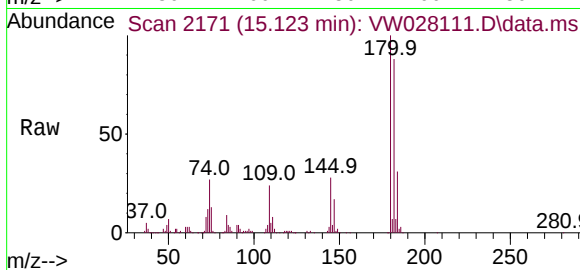




#70
1,2,4-trichlorobenzene
Concen: 14.008 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

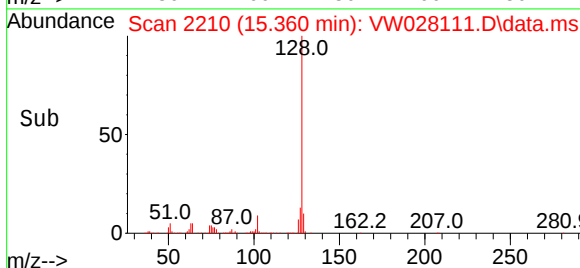
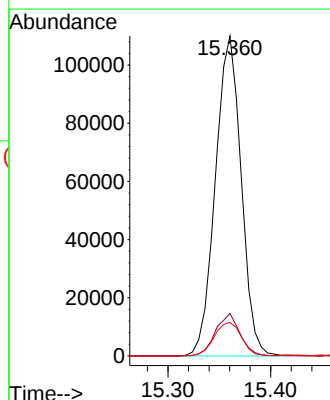
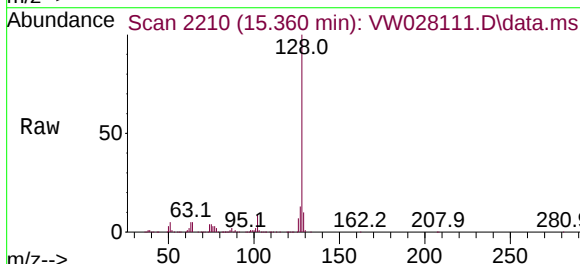
Instrument :
MSVOA_W
ClientSampleId :

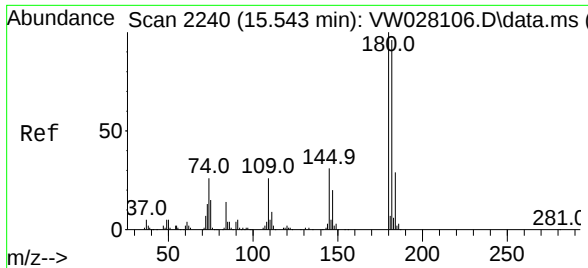
Tgt Ion:180 Resp: 65133
Ion Ratio Lower Upper
180 100
182 93.9 80.1 120.1
145 29.7 24.3 36.5



#71
Naphthalene
Concen: 25.200 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW028111.D
Acq: 06 Mar 2024 11:37

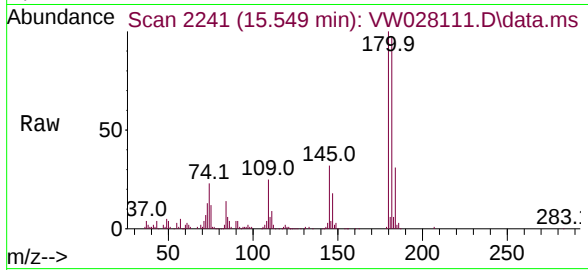
Tgt Ion:128 Resp: 191628
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.1 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 14.339 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW028111.D
 Acq: 06 Mar 2024 11:37

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	55754
Ion Ratio	Lower	Upper	
180	100		
182	97.0	81.4	122.2
145	33.4	26.2	39.2

