

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
 Data File : VW029474.D
 Acq On : 08 Jul 2024 11:48
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 09 01:57:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 09 01:56:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	278481	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	269807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129982	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	20296	5.104	ug/L	0.00
7) Chloroethane-d5	2.893	69	14237	4.357	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.106	65	191	0.100	ug/L	0.09
21) 2-Butanone-d5	7.081	46	8938	7.448	ug/L	0.00
24) Chloroform-d	7.648	84	33032	3.949	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	18716	3.878	ug/L	0.00
32) Benzene-d6	8.276	84	62765	3.796	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	19608	3.711	ug/L	0.00
41) Toluene-d8	10.325	98	53591	3.683	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	7706	3.571	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6604	7.769	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	15683	3.695	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	17280	3.800	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	13086	4.898	ug/L	95
3) Chloromethane	2.216	50	18762	4.812	ug/L	100
5) Vinyl chloride	2.375	62	22404	5.040	ug/L	93
6) Bromomethane	2.783	94	12777	4.755	ug/L	93
8) Chloroethane	2.930	64	13337	4.876	ug/L	98
9) Trichlorofluoromethane	3.271	101	19133	5.395	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	18531	4.849	ug/L	96
12) 1,1-Dichloroethene	4.045	96	17529	5.315	ug/L	87
13) Acetone	4.131	43	12080	11.077	ug/L	95
14) Carbon disulfide	4.393	76	56027	5.136	ug/L	96
15) Methyl Acetate	4.673	43	10918	5.326	ug/L	95
16) Methylene chloride	4.923	84	26208	5.263	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	18725	5.070	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	30678	5.155	ug/L #	89
19) 1,1-Dichloroethane	6.216	63	39186	4.976	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	20119	4.947	ug/L	94
22) 2-Butanone	7.179	43	15523	10.721	ug/L	97
23) Bromochloromethane	7.520	128	9479	5.248	ug/L	84
25) Chloroform	7.679	83	37980	4.962	ug/L	98
27) 1,2-Dichloroethane	8.398	62	28774	5.044	ug/L	100
29) Cyclohexane	7.959	56	30140	4.716	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	30393	4.946	ug/L	100
31) Carbon tetrachloride	8.075	117	28000	4.987	ug/L	96
33) Benzene	8.325	78	81032	4.892	ug/L	100
34) Trichloroethene	9.093	95	21721	4.894	ug/L	98
35) Methylcyclohexane	9.337	83	33168	4.751	ug/L	99
37) 1,2-Dichloropropane	9.368	63	22494	4.833	ug/L #	97
38) Bromodichloromethane	9.642	83	27589	4.857	ug/L #	92
39) cis-1,3-Dichloropropene	10.075	75	30992	4.646	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	27838	9.362	ug/L	99
42) Toluene	10.386	91	80700	4.741	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	26442	4.674	ug/L	98

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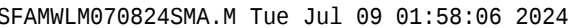
Instrument :
 MSVOA_W
 ClientSampleId :

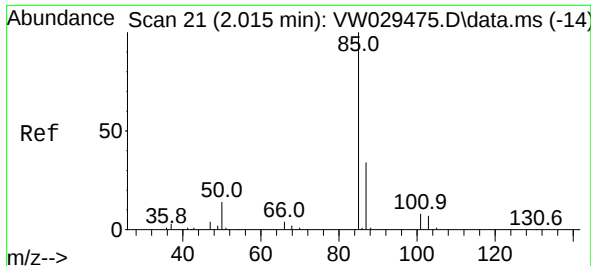
Quant Time: Jul 09 01:57:51 2024
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 Quant Title : SFAM01.0
 QLast Update : Tue Jul 09 01:56:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	16062	4.902	ug/L	97
46) Tetrachloroethene	10.861	164	15542	4.967	ug/L	98
48) 2-Hexanone	10.971	43	21314	9.957	ug/L	99
49) Dibromochloromethane	11.129	129	16297	4.785	ug/L	99
50) 1,2-Dibromoethane	11.233	107	14772	4.996	ug/L #	94
51) Chlorobenzene	11.654	112	54453	4.951	ug/L	99
52) Ethylbenzene	11.727	91	91453	4.715	ug/L	97
53) m,p-Xylene	11.837	106	33065	4.669	ug/L	97
54) o-Xylene	12.160	106	30024	4.532	ug/L	98
55) Styrene	12.178	104	53317	4.632	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	20289	5.010	ug/L	97
59) Bromoform	12.349	173	9150	4.942	ug/L	99
60) Isopropylbenzene	12.459	105	84258	4.783	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	14964	5.093	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	51774	4.037	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	64126	4.657	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	39307	5.105	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	40540	4.992	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	34512	4.907	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	3224	4.673	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	26108	5.098	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	20222	4.816	ug/L	93
71) Naphthalene	15.360	128	39751	4.716	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	19047	4.926	ug/L	91

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

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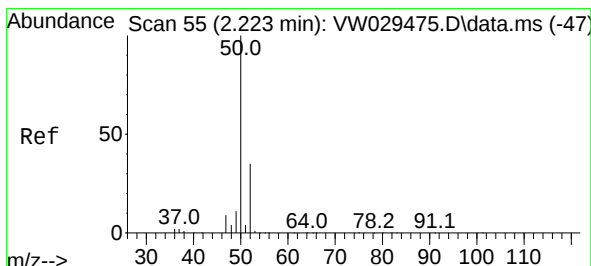
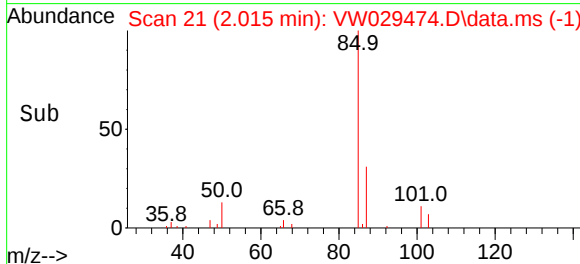
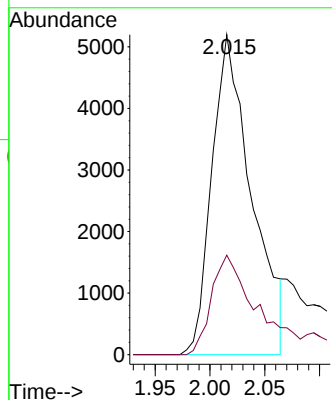
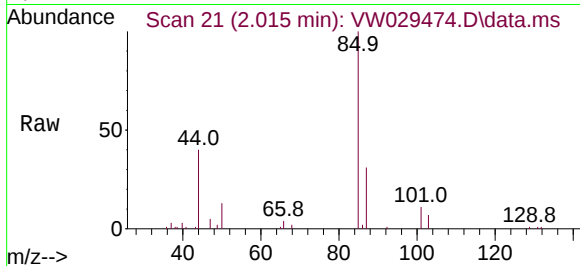




#2
 Dichlorodifluoromethane
 Concen: 4.898 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029474.D
 Acq: 08 Jul 2024 11:48

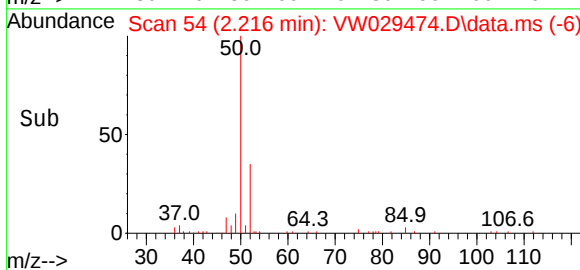
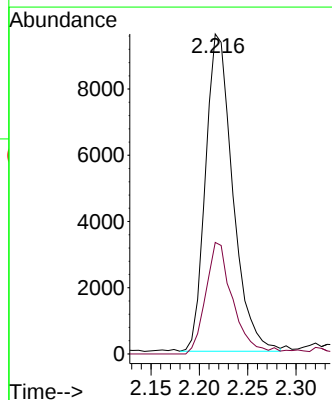
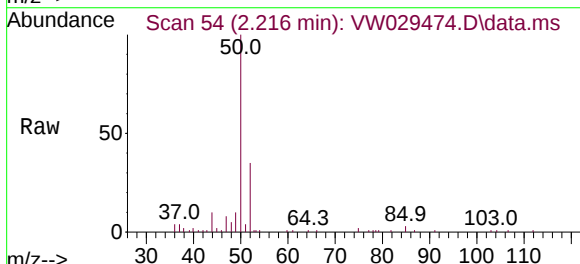
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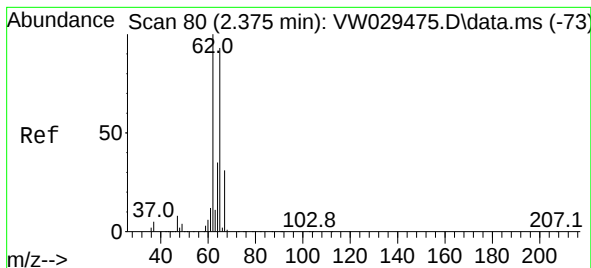
Tgt Ion: 85 Resp: 13086
 Ion Ratio Lower Upper
 85 100
 87 35.3 26.1 39.1



#3
 Chloromethane
 Concen: 4.812 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW029474.D
 Acq: 08 Jul 2024 11:48

Tgt Ion: 50 Resp: 18762
 Ion Ratio Lower Upper
 50 100
 52 34.8 24.4 45.2





#5

Vinyl chloride

Concen: 5.040 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

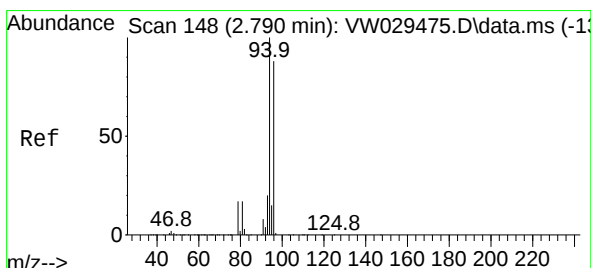
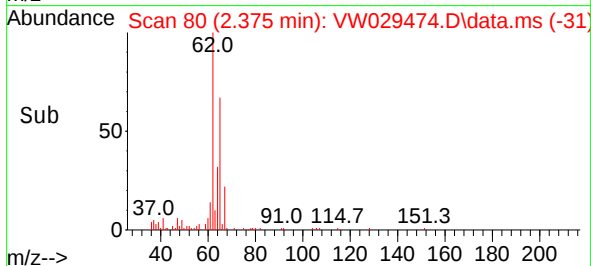
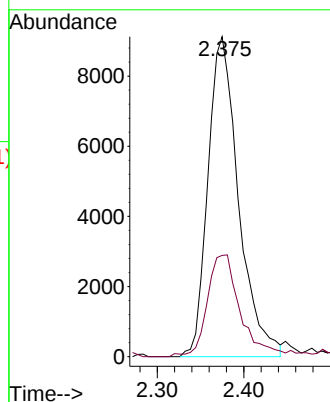
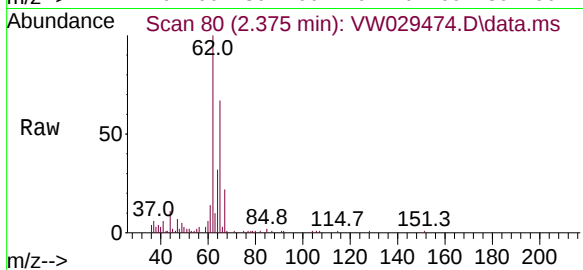
ClientSampleId :

Tgt Ion: 62 Resp: 22404

Ion Ratio Lower Upper

62 100

64 31.6 25.1 46.5



#6

Bromomethane

Concen: 4.755 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW029474.D

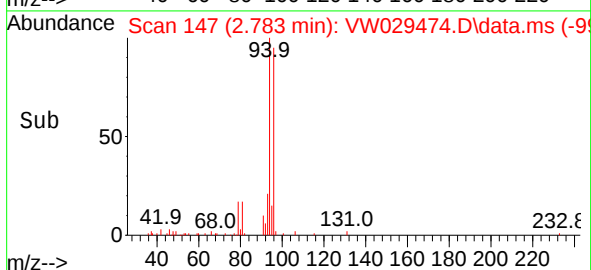
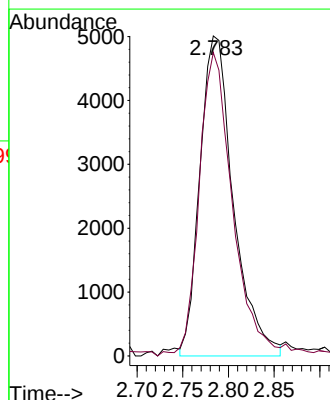
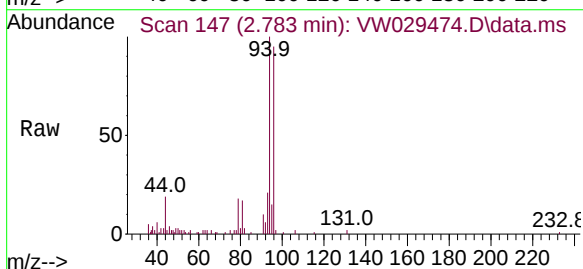
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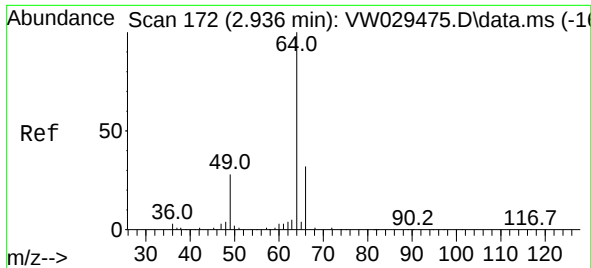
Tgt Ion: 94 Resp: 12777

Ion Ratio Lower Upper

94 100

96 94.8 61.7 114.7

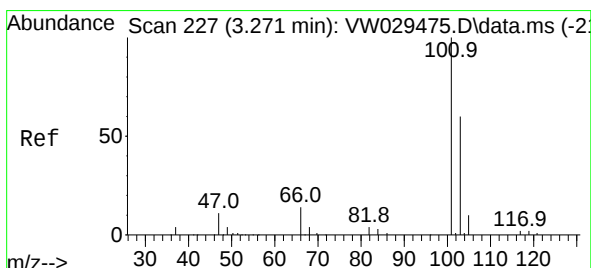
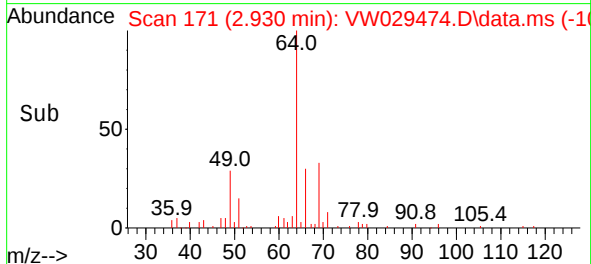
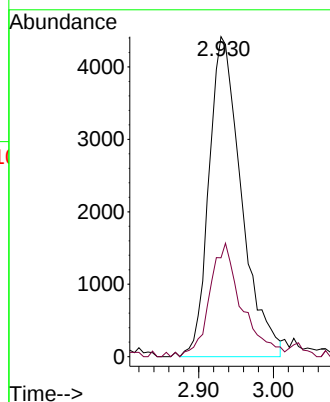
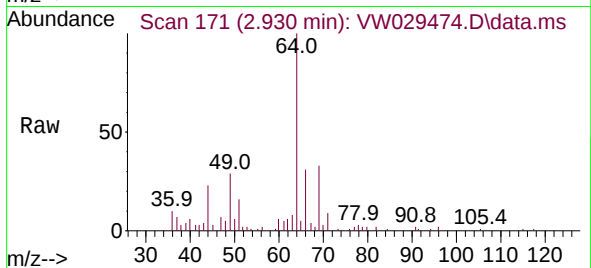




#8
Chloroethane
Concen: 4.876 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

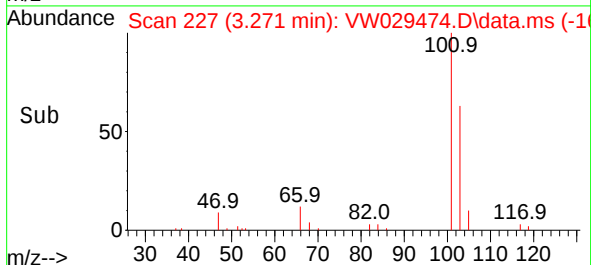
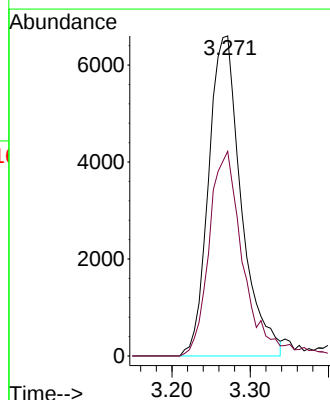
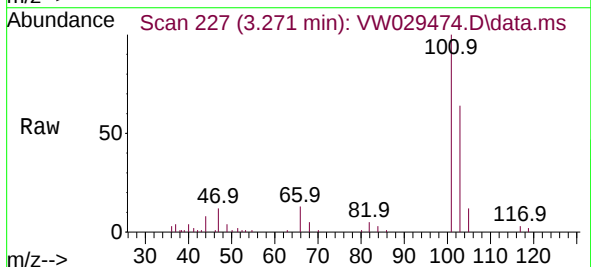
Instrument :
MSVOA_W
ClientSampleId :

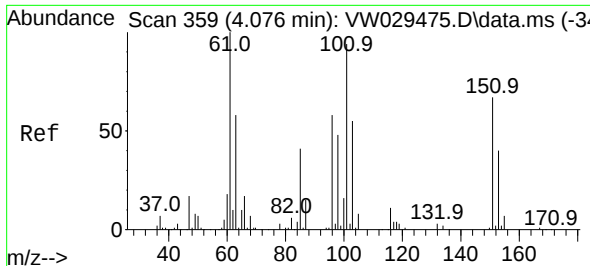
Tgt Ion: 64 Resp: 13337
Ion Ratio Lower Upper
64 100
66 30.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.395 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion:101 Resp: 19133
Ion Ratio Lower Upper
101 100
103 63.4 49.6 74.4





#10

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

Concen: 4.849 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

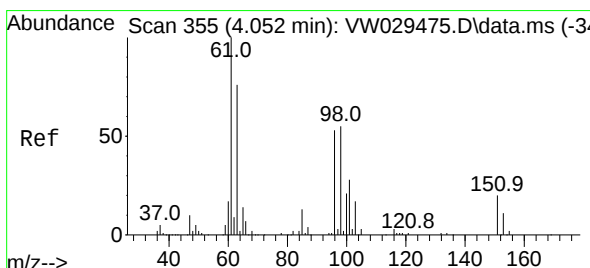
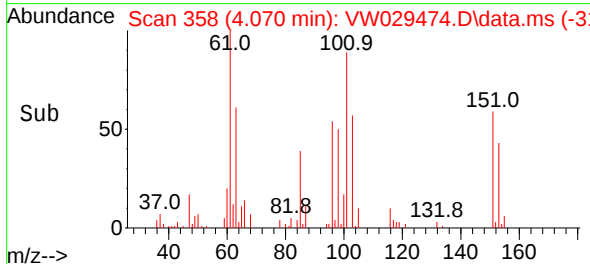
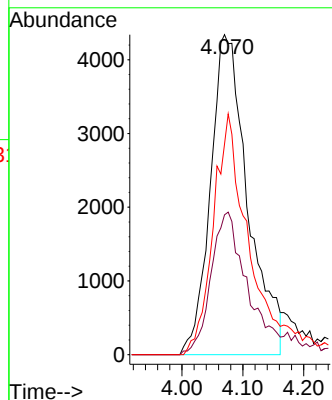
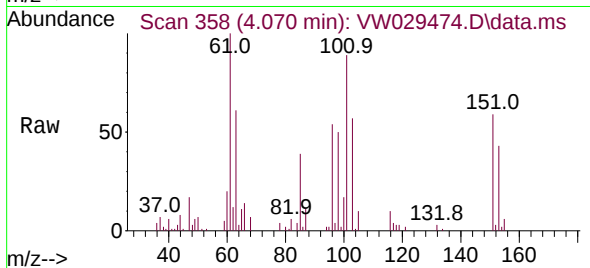
Tgt Ion:101 Resp: 18531

Ion Ratio Lower Upper

101 100

85 37.5 33.8 50.8

151 67.9 55.4 83.0



#12

1,1-Dichloroethene

Concen: 5.315 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

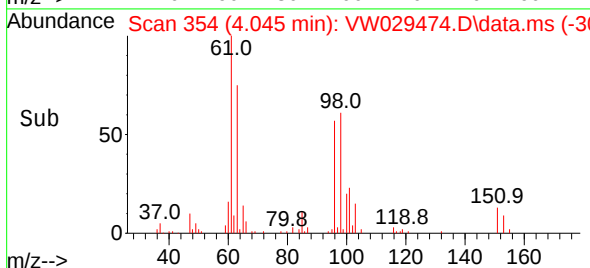
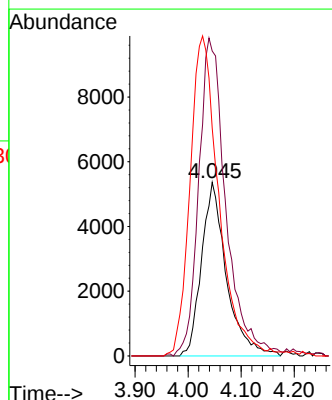
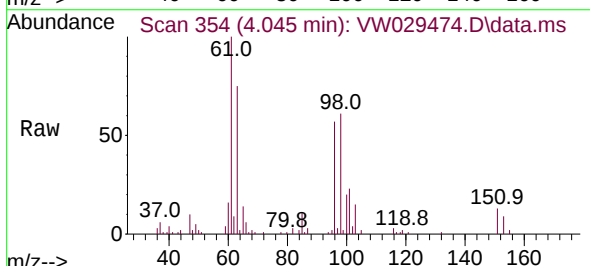
Tgt Ion: 96 Resp: 17529

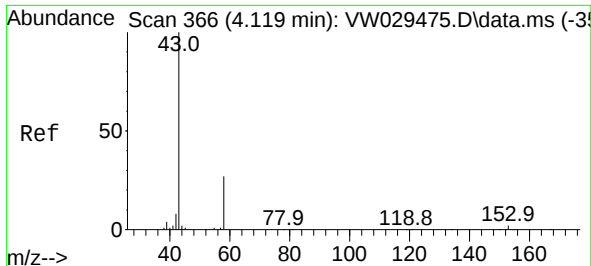
Ion Ratio Lower Upper

96 100

61 175.7 132.4 245.8

63 131.4 108.4 201.2

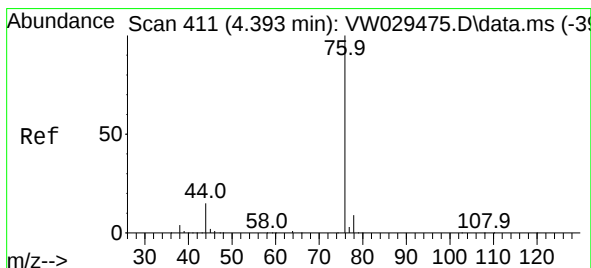
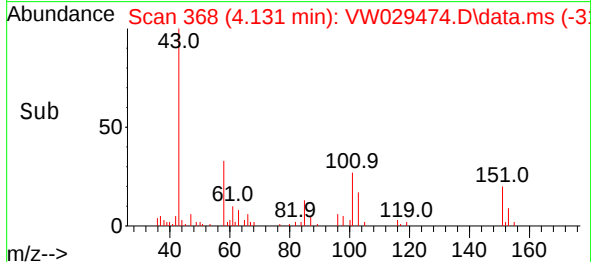
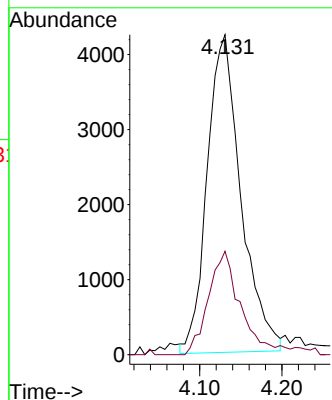
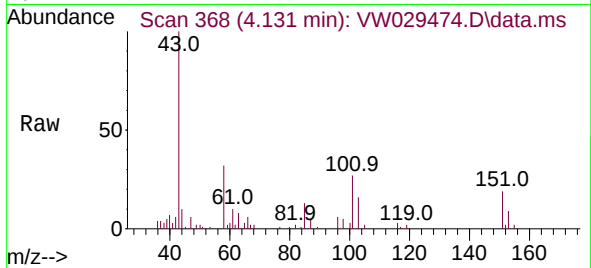




#13
Acetone
Concen: 11.077 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

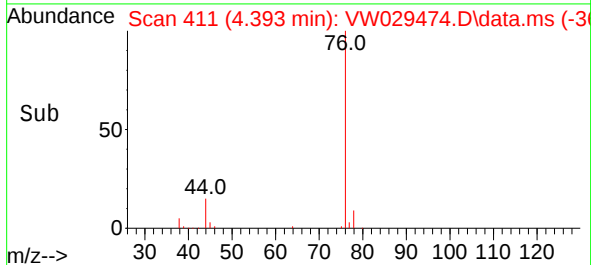
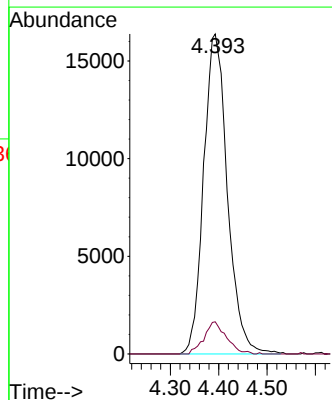
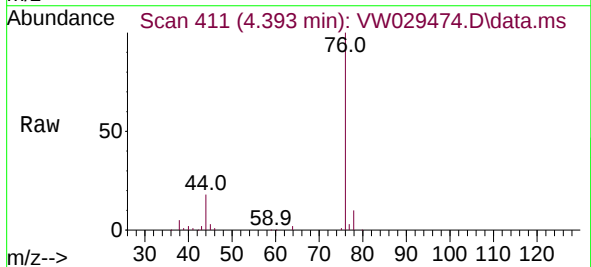
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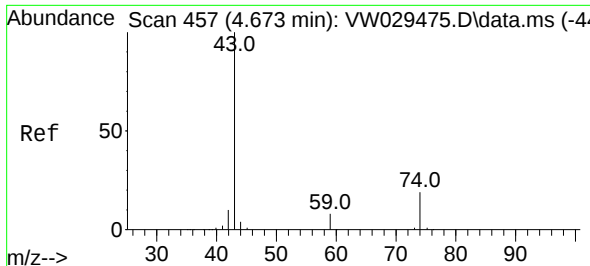
Tgt Ion: 43 Resp: 12080
Ion Ratio Lower Upper
43 100
58 30.3 0.0 55.6



#14
Carbon disulfide
Concen: 5.136 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion: 76 Resp: 56027
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4





#15

Methyl Acetate

Concen: 5.326 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

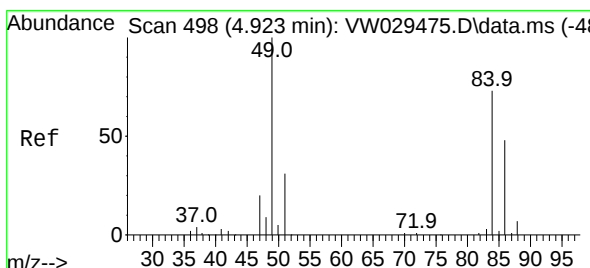
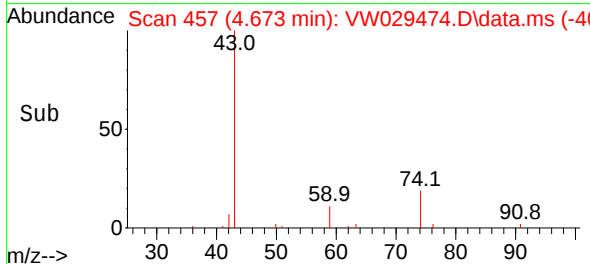
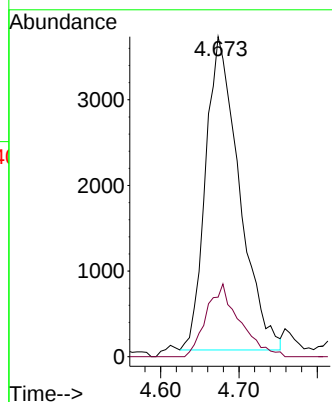
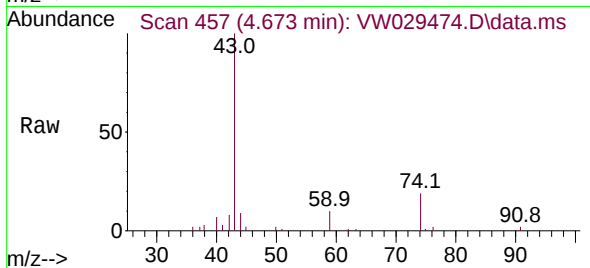
ClientSampleId :

Tgt Ion: 43 Resp: 10918

Ion Ratio Lower Upper

43 100

74 22.7 16.2 24.4



#16

Methylene chloride

Concen: 5.263 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

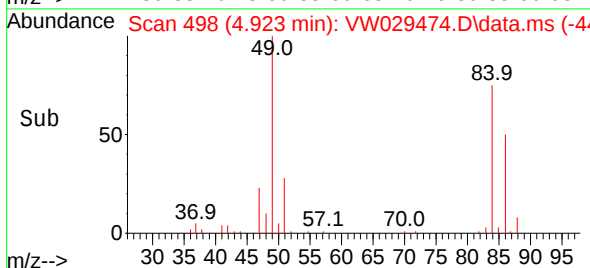
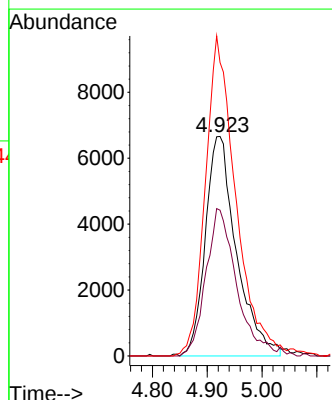
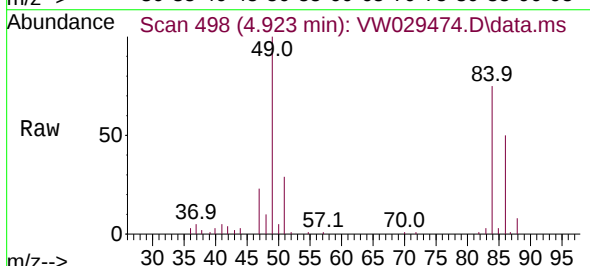
Tgt Ion: 84 Resp: 26208

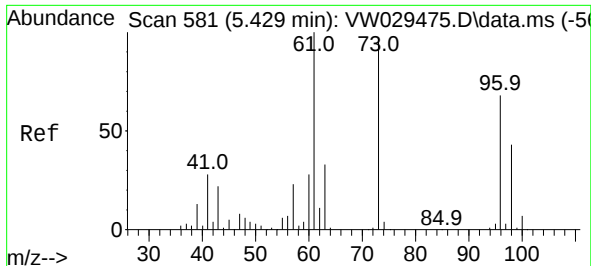
Ion Ratio Lower Upper

84 100

86 66.5 46.2 85.8

49 133.7 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 5.070 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

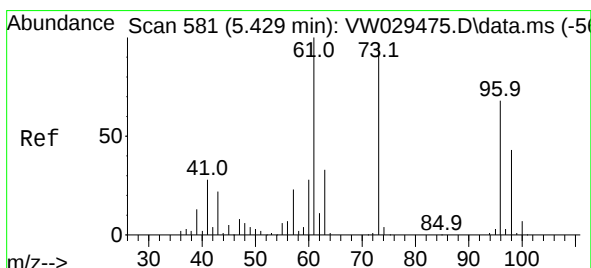
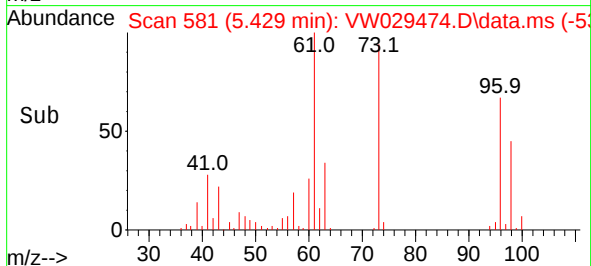
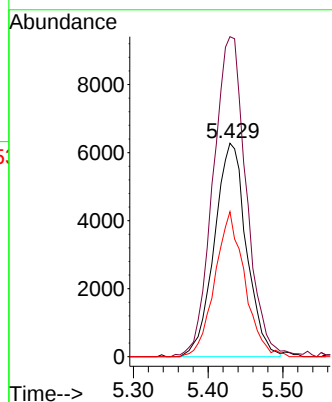
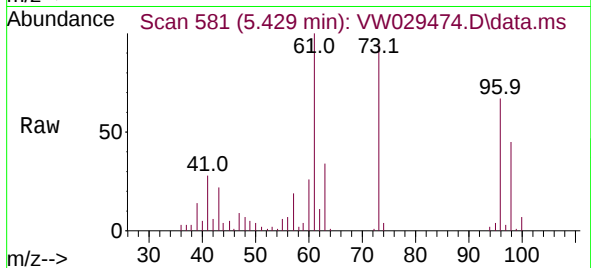
Tgt Ion: 96 Resp: 18725

Ion Ratio Lower Upper

96 100

61 149.9 102.9 191.1

98 67.9 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 5.155 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

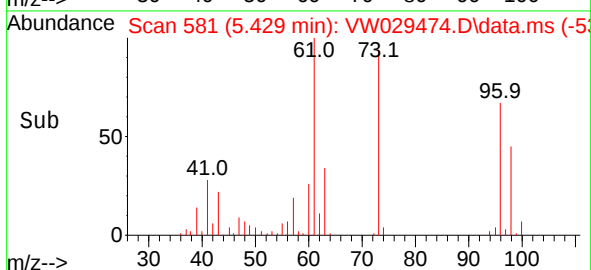
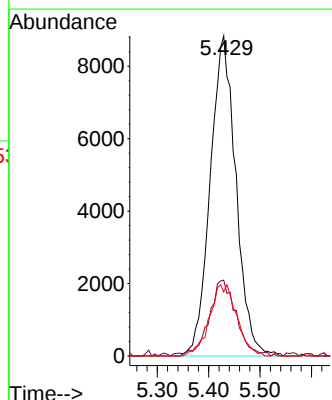
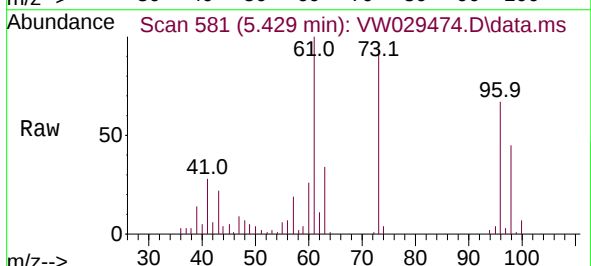
Tgt Ion: 73 Resp: 30678

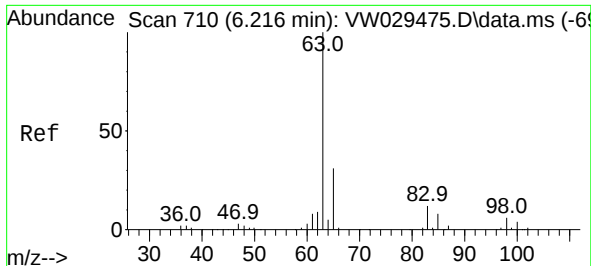
Ion Ratio Lower Upper

73 100

43 23.7 18.7 28.1

57 13.2 18.9 28.3#

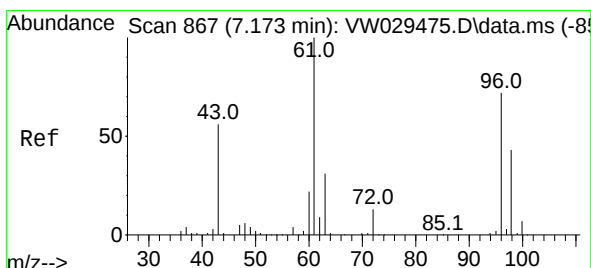
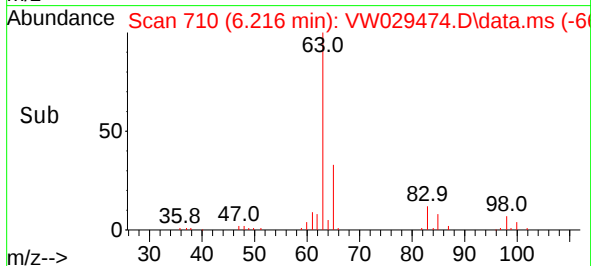
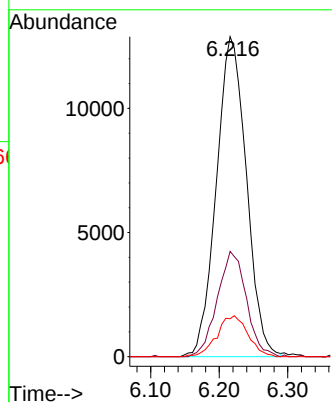
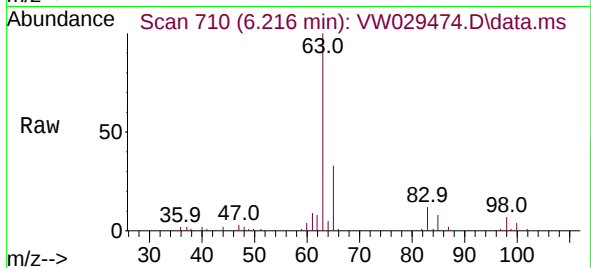




#19
1,1-Dichloroethane
Concen: 4.976 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

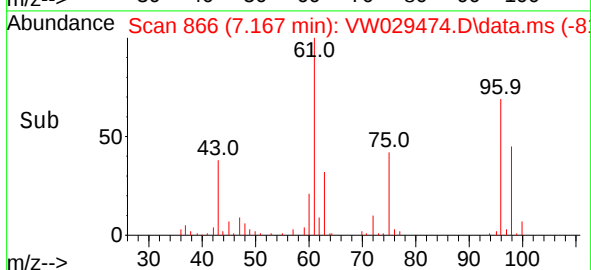
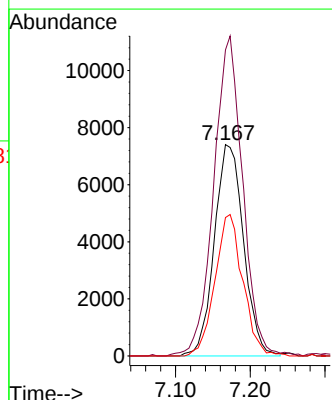
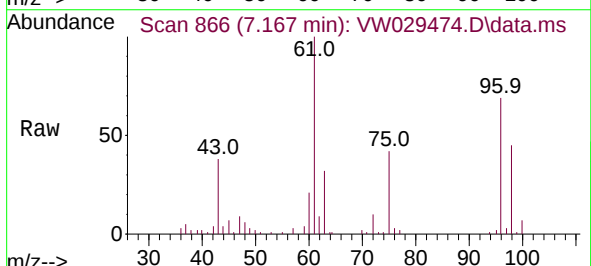
Instrument :
MSVOA_W
ClientSampleId :

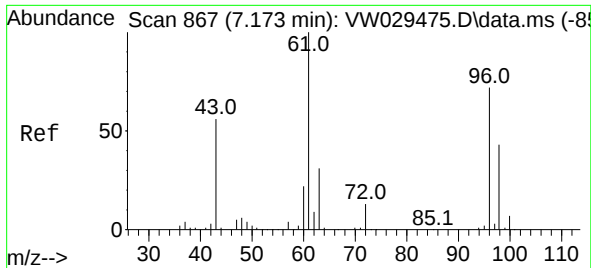
Tgt Ion:	63	Resp:	39186
Ion Ratio	Lower	Upper	
63	100		
65	32.9	21.5	39.9
83	11.9	8.7	16.1



#20
cis-1,2-Dichloroethene
Concen: 4.947 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion:	96	Resp:	20119
Ion Ratio	Lower	Upper	
96	100		
61	144.8	97.4	180.8
98	65.5	41.6	77.2

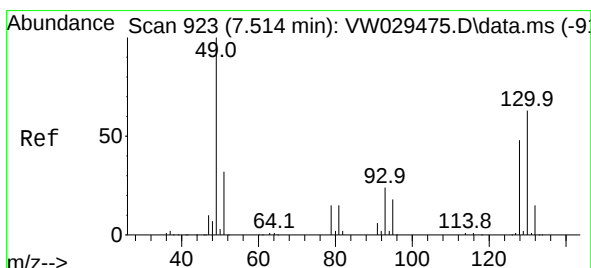
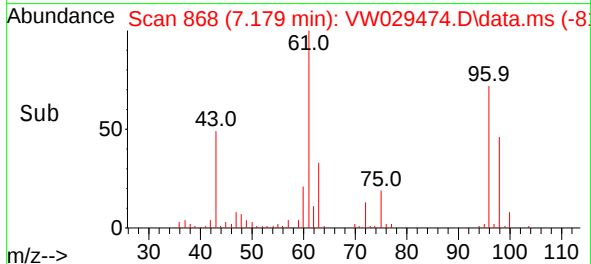
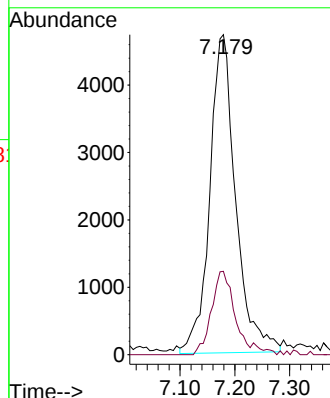
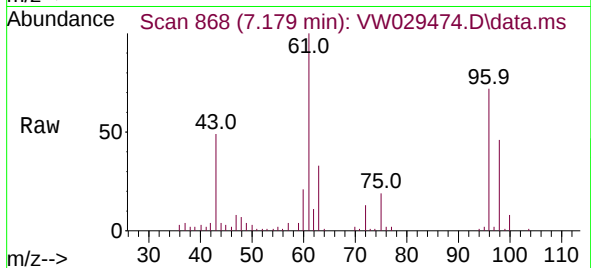




#22
2-Butanone
Concen: 10.721 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

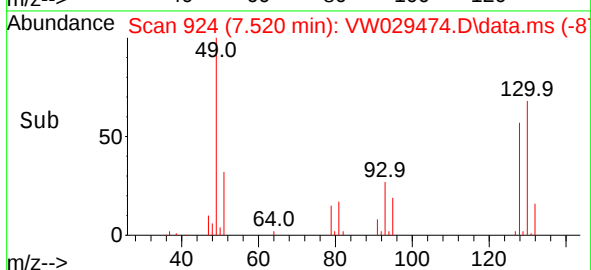
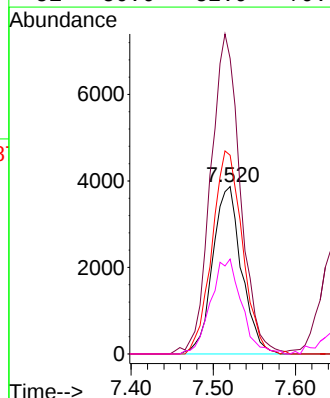
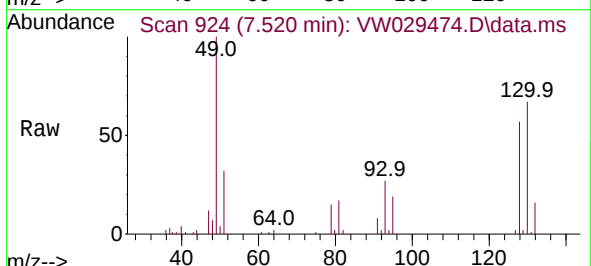
Instrument :
MSVOA_W
ClientSampleId :

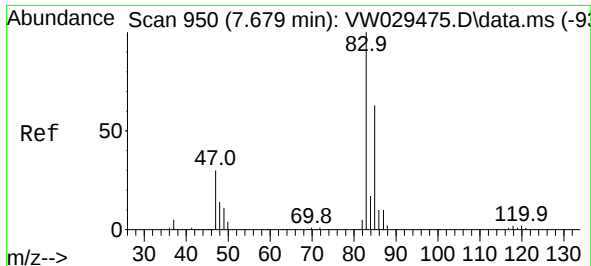
Tgt Ion: 43 Resp: 15523
Ion Ratio Lower Upper
43 100
72 22.7 12.0 36.1



#23
Bromochloromethane
Concen: 5.248 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion: 128 Resp: 9479
Ion Ratio Lower Upper
128 100
49 176.6 146.2 271.4
130 118.7 91.9 170.7
51 56.6 52.9 79.3





#25

Chloroform

Concen: 4.962 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

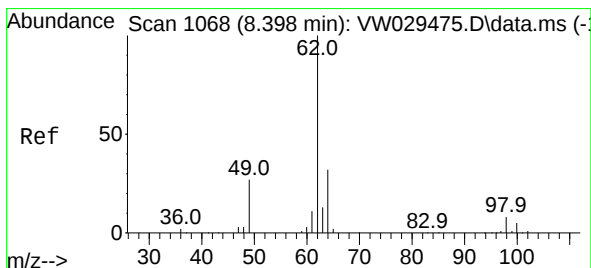
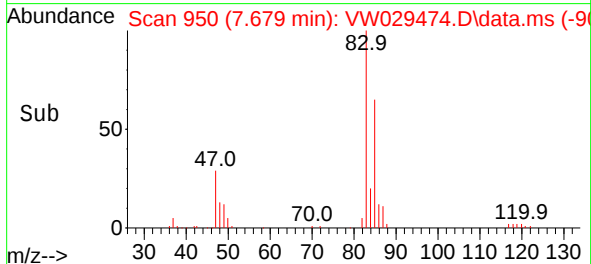
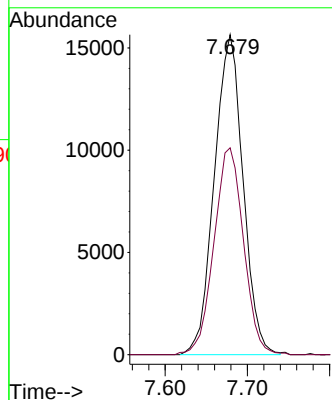
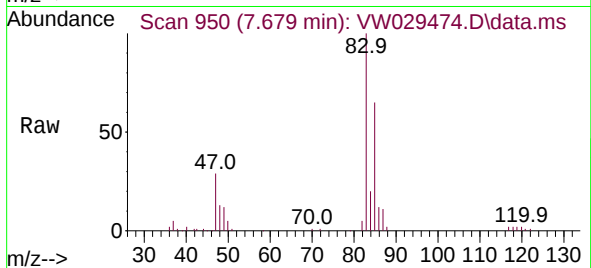
ClientSampleId :

Tgt Ion: 83 Resp: 37980

Ion Ratio Lower Upper

83 100

85 64.7 44.1 81.9



#27

1,2-Dichloroethane

Concen: 5.044 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029474.D

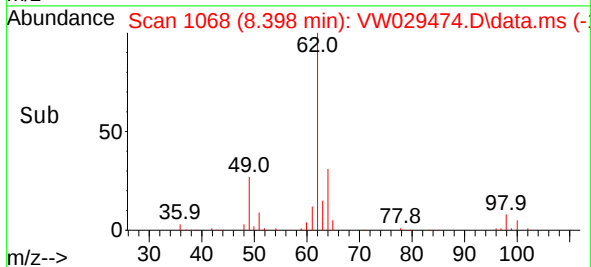
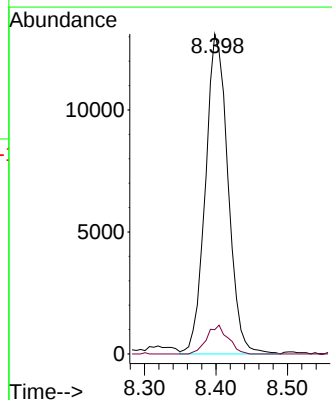
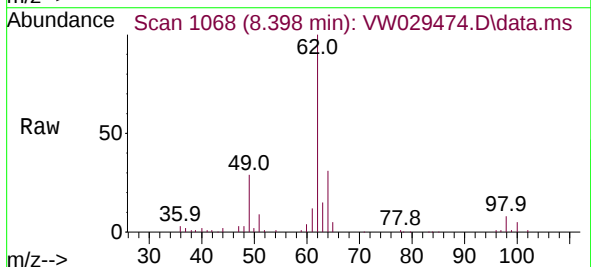
Acq: 08 Jul 2024 11:48

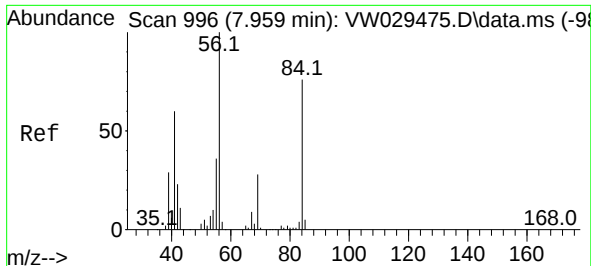
Tgt Ion: 62 Resp: 28774

Ion Ratio Lower Upper

62 100

98 7.6 6.0 9.0





#29

Cyclohexane

Concen: 4.716 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

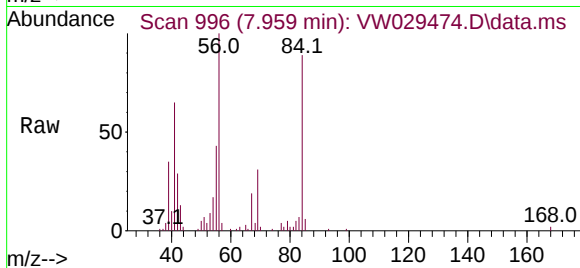
Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

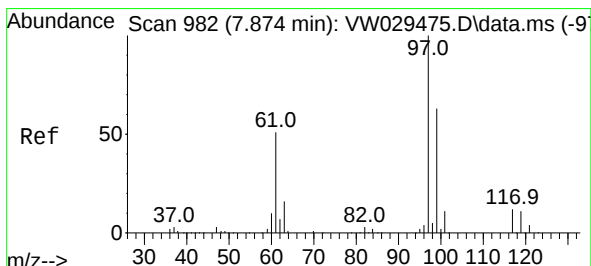
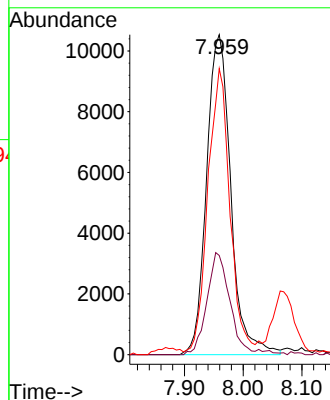
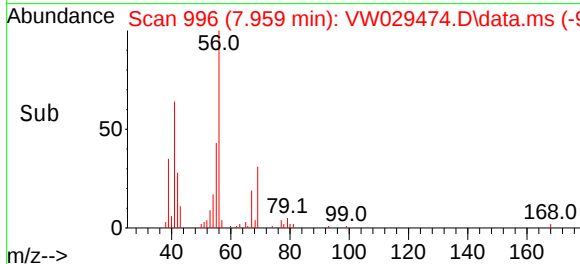
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 56	Resp: 30140
Ion Ratio	Lower Upper
56	100
69	29.9 23.3 34.9
84	81.9 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 4.946 ug/L

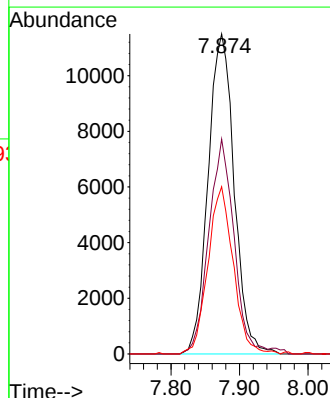
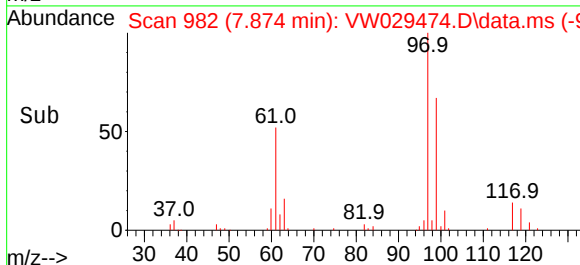
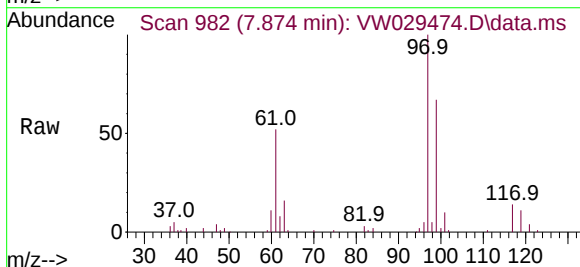
RT: 7.874 min Scan# 982

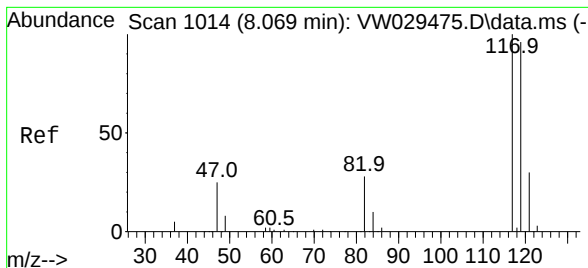
Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Tgt Ion: 97	Resp: 30393
Ion Ratio	Lower Upper
97	100
99	63.9 51.1 76.7
61	50.4 40.6 61.0

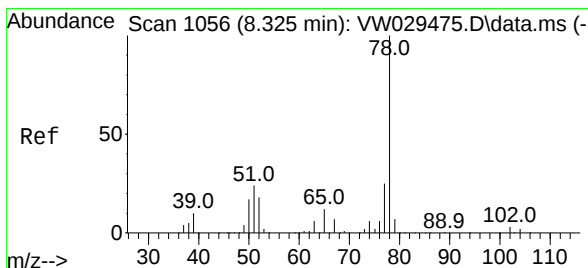
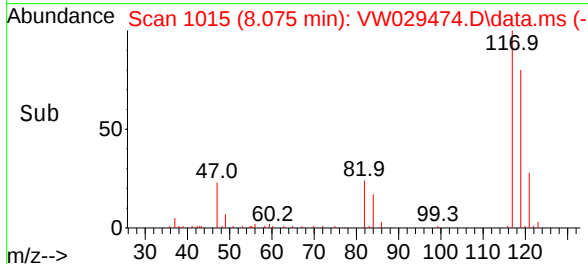
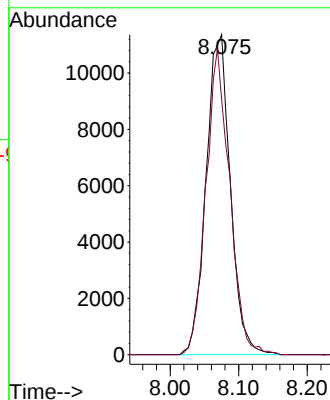
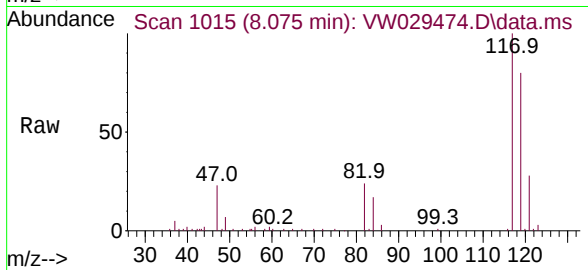




#31
Carbon tetrachloride
Concen: 4.987 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

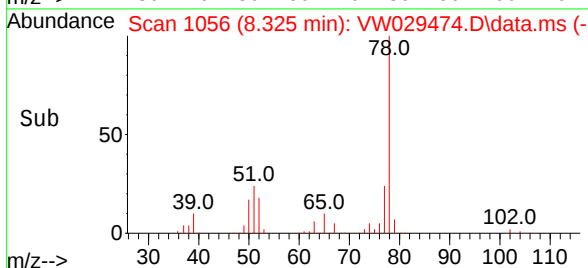
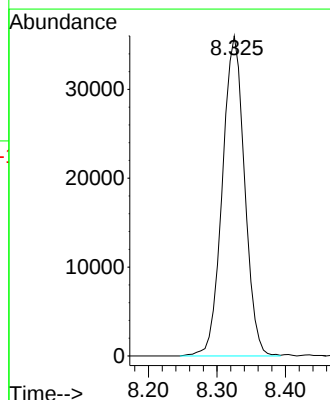
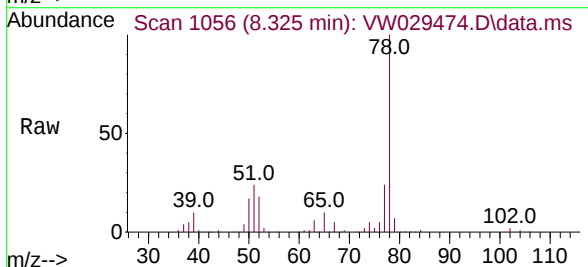
Instrument :
MSVOA_W
ClientSampleId :

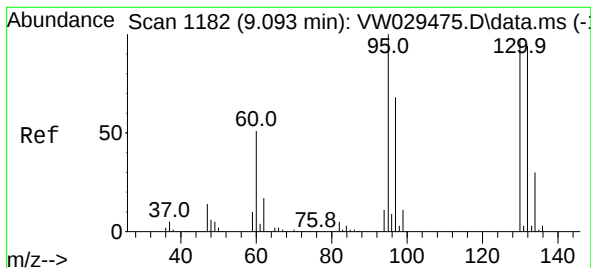
Tgt Ion:117 Resp: 28000
Ion Ratio Lower Upper
117 100
119 92.8 77.0 115.6



#33
Benzene
Concen: 4.892 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion: 78 Resp: 81032





#34

Trichloroethene

Concen: 4.894 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 21721

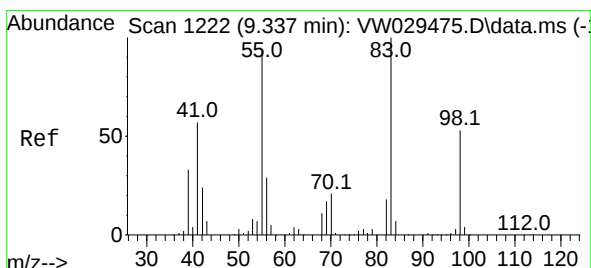
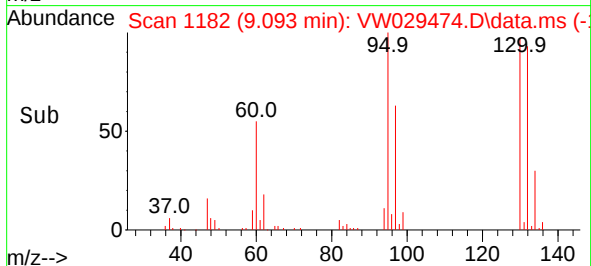
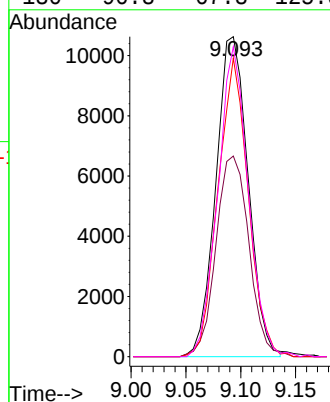
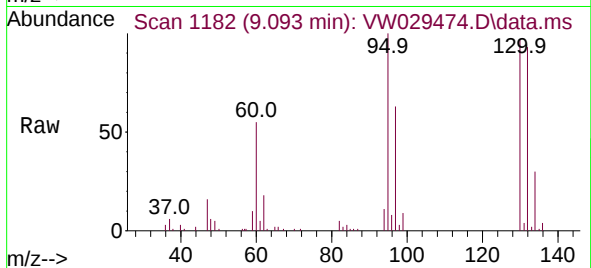
Ion Ratio Lower Upper

95 100

97 62.7 47.3 87.9

132 93.3 65.8 122.2

130 96.8 67.8 125.8



#35

Methylcyclohexane

Concen: 4.751 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

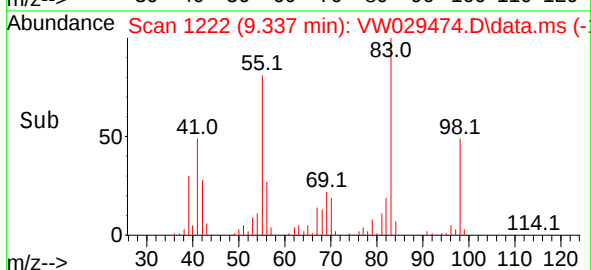
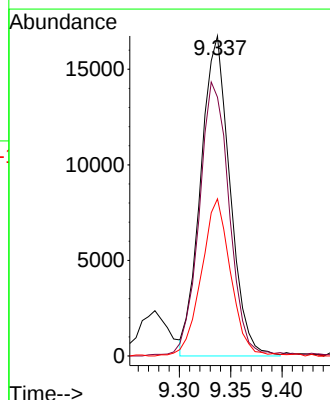
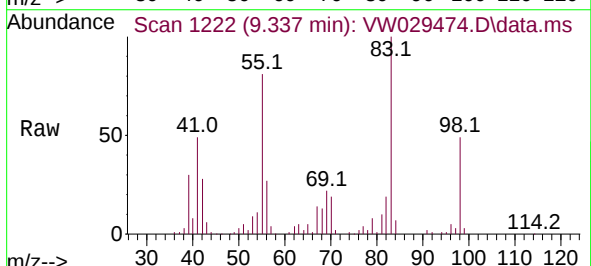
Tgt Ion: 83 Resp: 33168

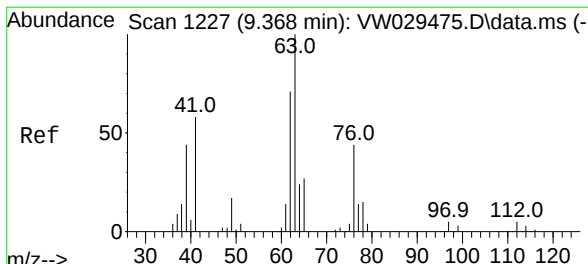
Ion Ratio Lower Upper

83 100

55 88.4 69.6 104.4

98 48.8 38.3 57.5

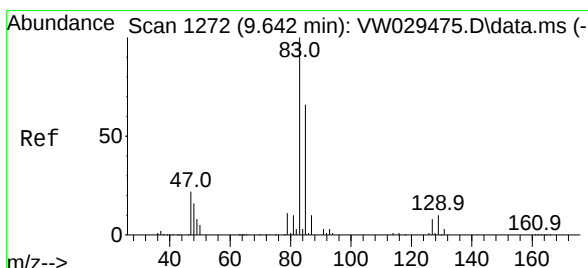
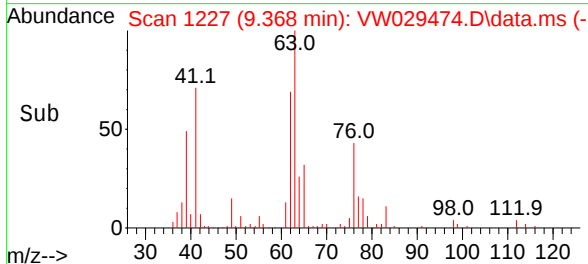
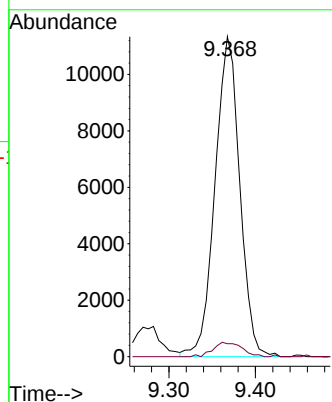
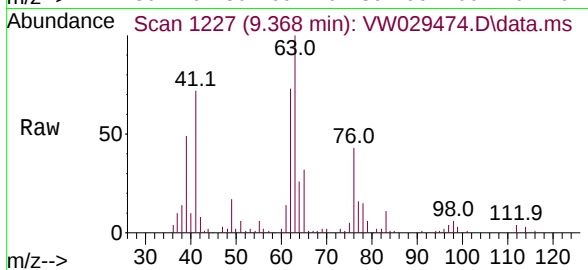




#37
1,2-Dichloropropane
Concen: 4.833 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

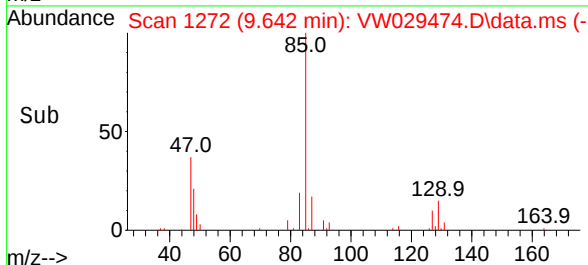
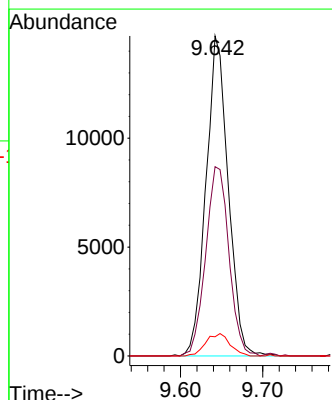
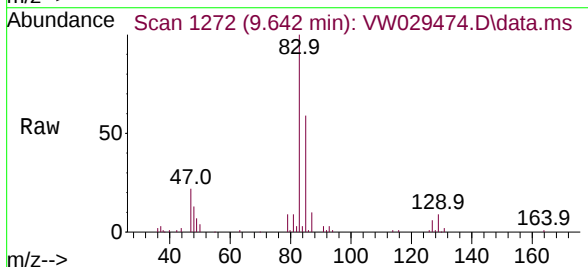
Instrument :
MSVOA_W
ClientSampleId :

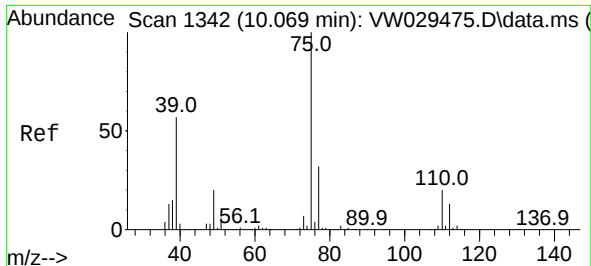
Tgt Ion: 63 Resp: 22494
Ion Ratio Lower Upper
63 100
112 5.1 3.3 4.9#



#38
Bromodichloromethane
Concen: 4.857 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion: 83 Resp: 27589
Ion Ratio Lower Upper
83 100
85 59.2 46.1 85.5
127 6.0 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 4.646 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

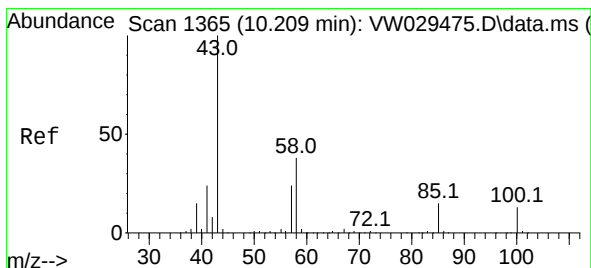
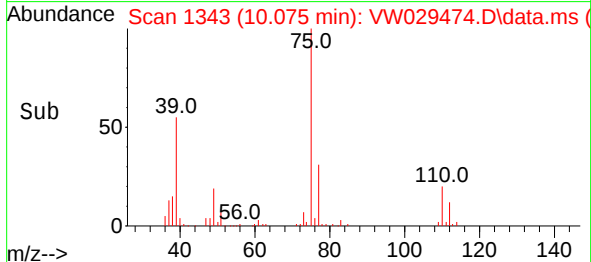
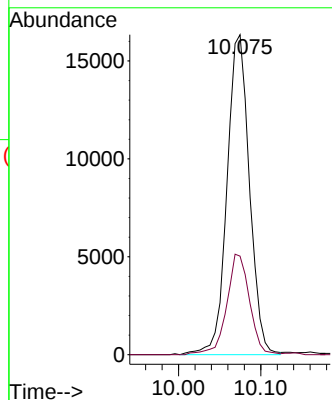
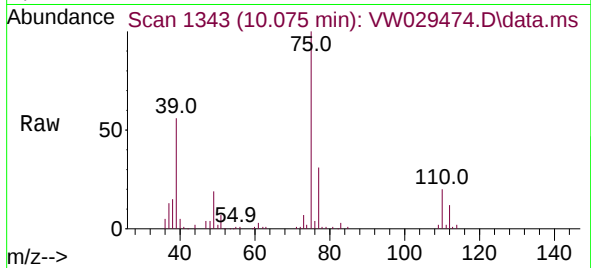
ClientSampleId :

Tgt Ion: 75 Resp: 30992

Ion Ratio Lower Upper

75 100

77 30.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 9.362 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

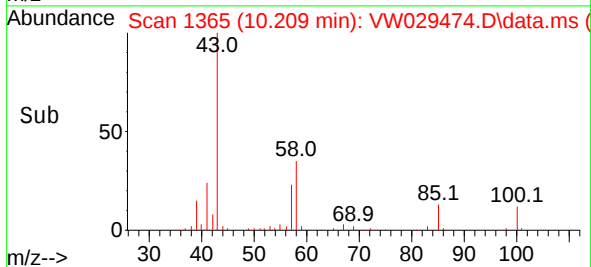
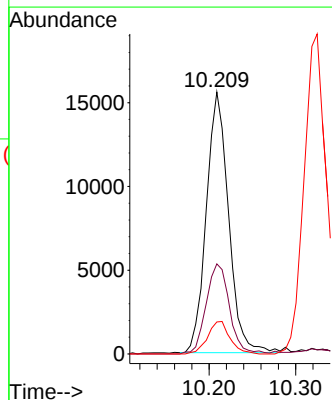
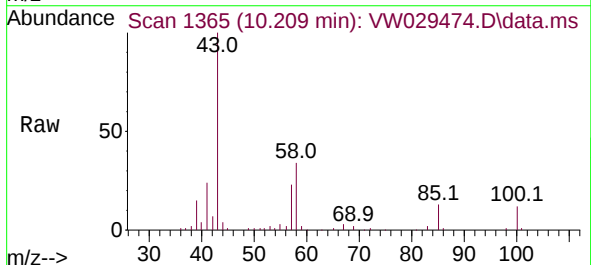
Tgt Ion: 43 Resp: 27838

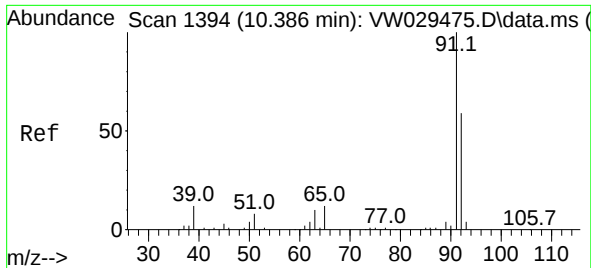
Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6

100 12.5 10.5 15.7

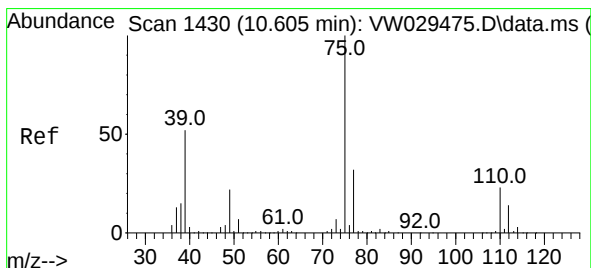
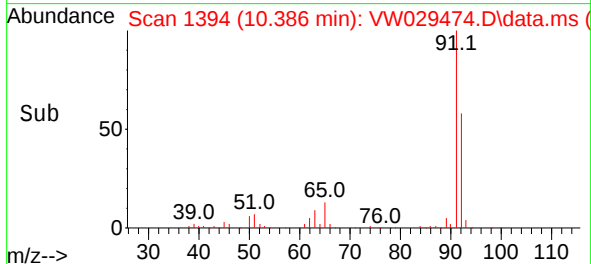
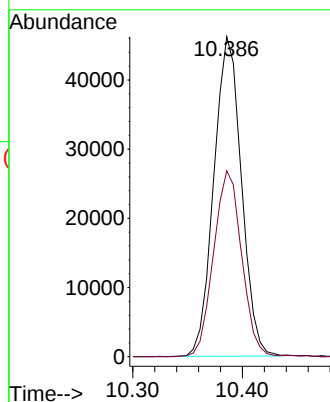
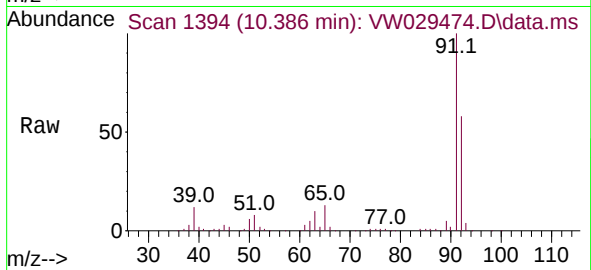




#42
Toluene
Concen: 4.741 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

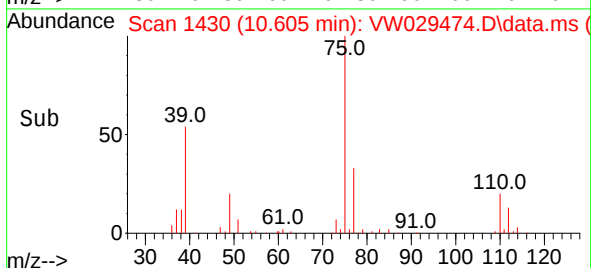
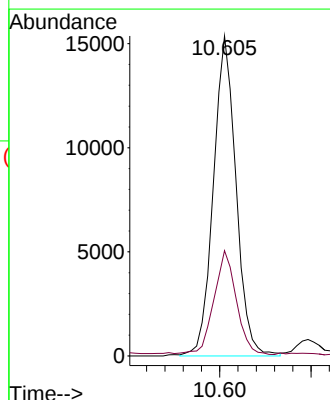
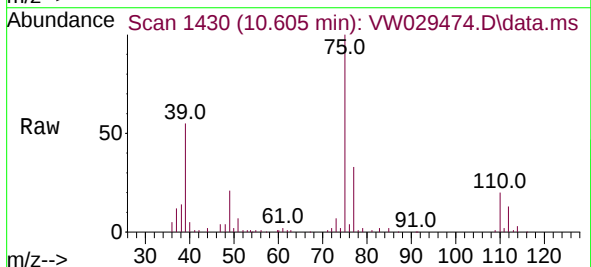
Instrument :
MSVOA_W
ClientSampleId :

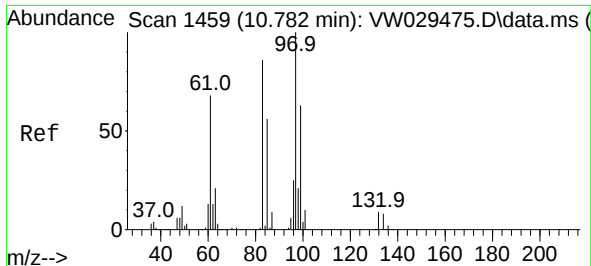
Tgt Ion: 91 Resp: 80700
Ion Ratio Lower Upper
91 100
92 58.1 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 4.674 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion: 75 Resp: 26442
Ion Ratio Lower Upper
75 100
77 32.9 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 4.902 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

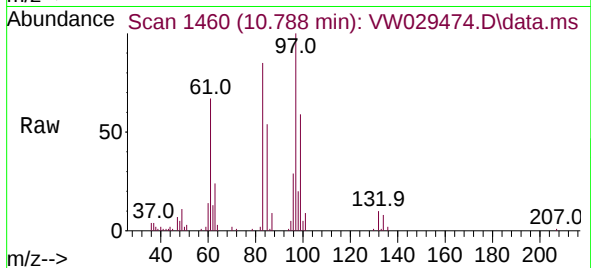
Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 16062

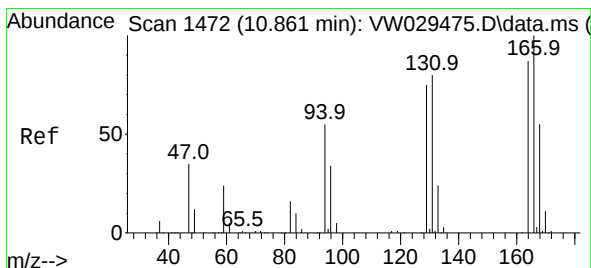
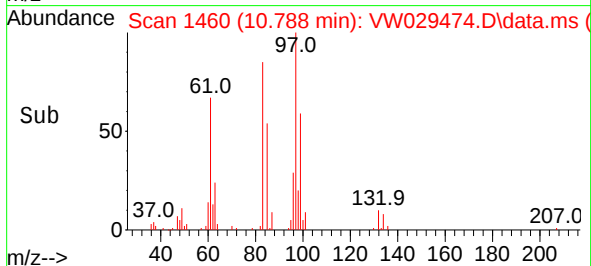
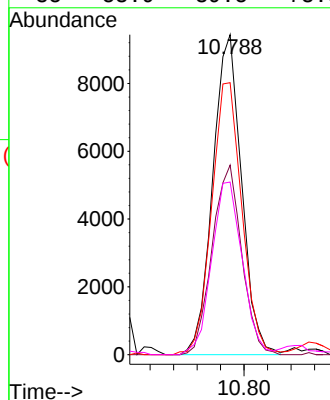
Ion Ratio Lower Upper

97 100

99 59.2 43.8 81.4

83 85.0 60.3 111.9

85 53.9 39.5 73.3



#46

Tetrachloroethene

Concen: 4.967 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Tgt Ion:164 Resp: 15542

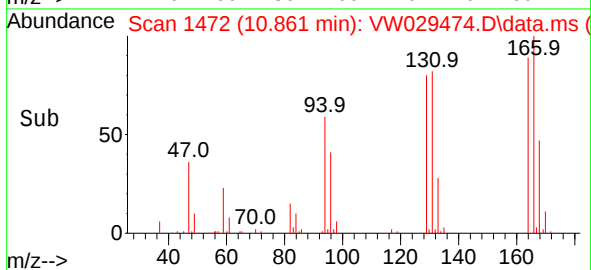
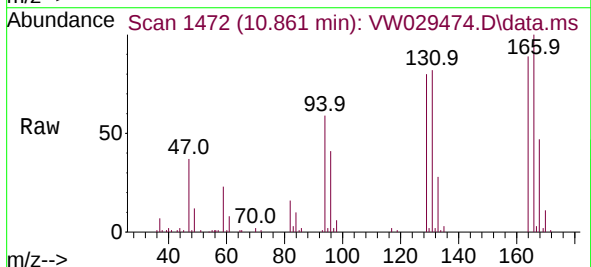
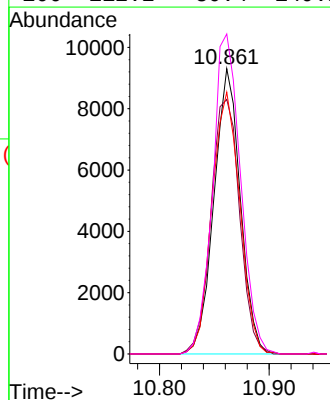
Ion Ratio Lower Upper

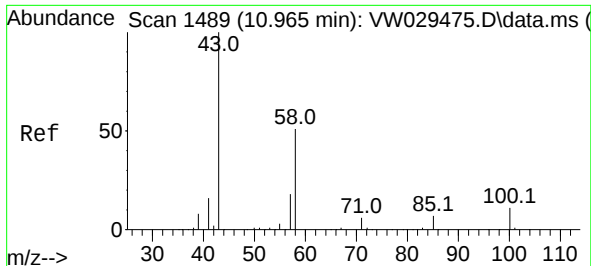
164 100

129 89.2 60.0 111.4

131 91.7 64.6 120.0

166 112.2 80.4 149.2

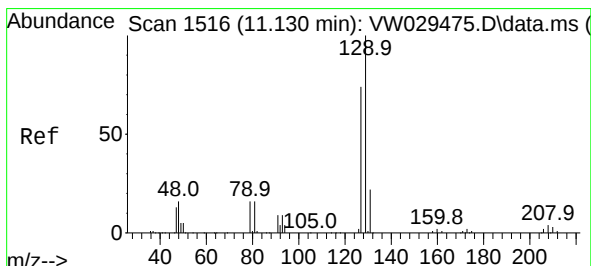
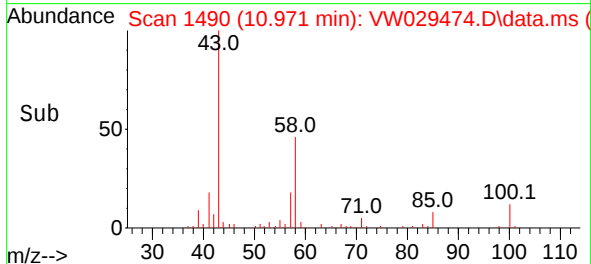
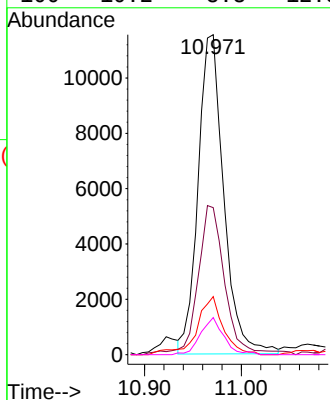
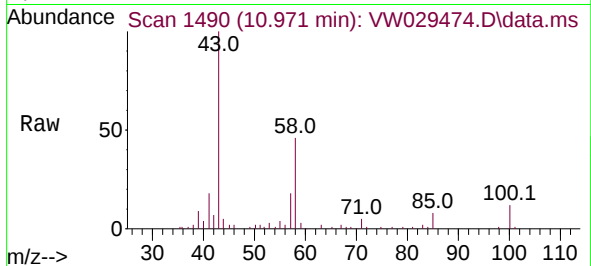




#48
2-Hexanone
Concen: 9.957 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

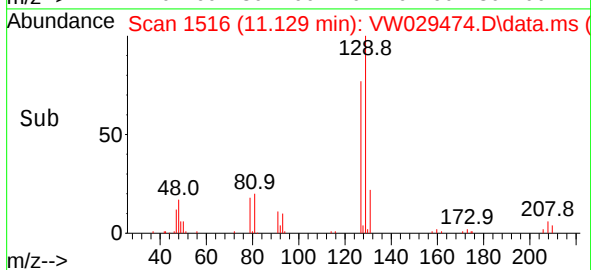
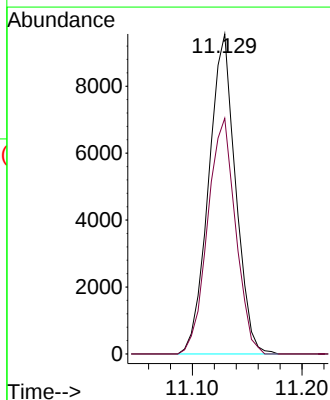
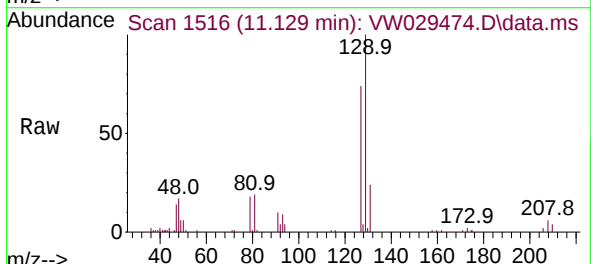
Instrument :
MSVOA_W
ClientSampleId :

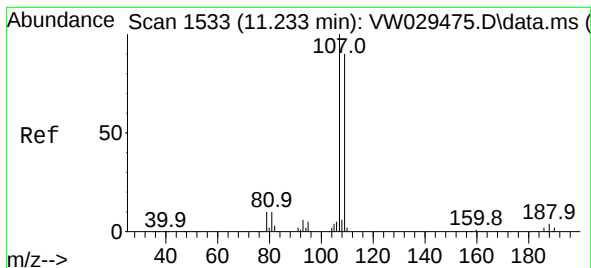
Tgt Ion: 43	Resp: 21314
Ion Ratio	Lower Upper
43 100	
58 48.9	39.8 59.8
57 18.7	14.6 21.8
100 10.2	8.3 12.5



#49
Dibromochloromethane
Concen: 4.785 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion:129	Resp:	16297	
Ion	Ratio	Lower	Upper
129	100		
127	73.7	51.9	96.3

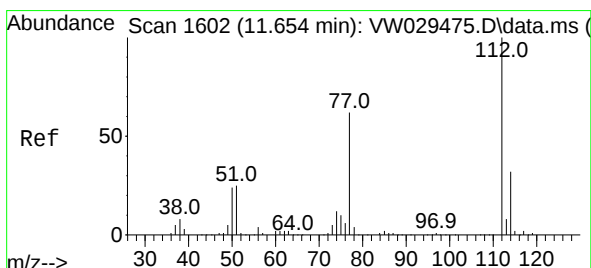
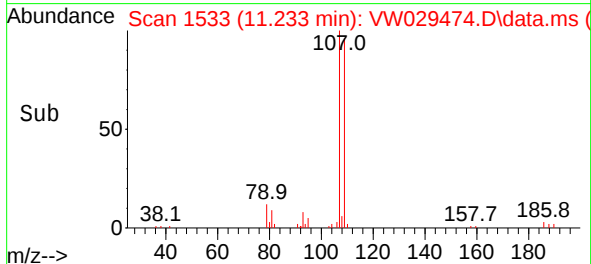
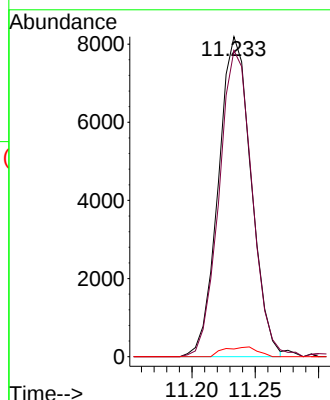
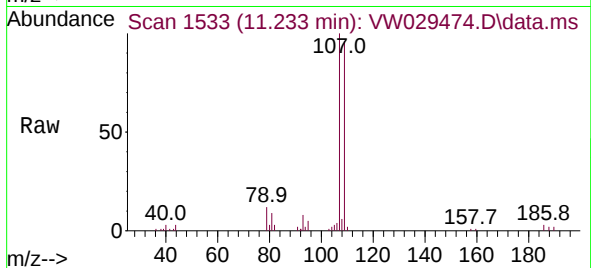




#50
1,2-Dibromoethane
Concen: 4.996 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

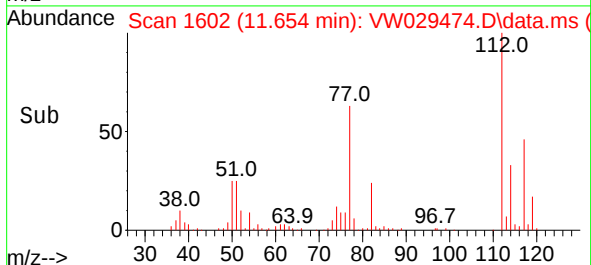
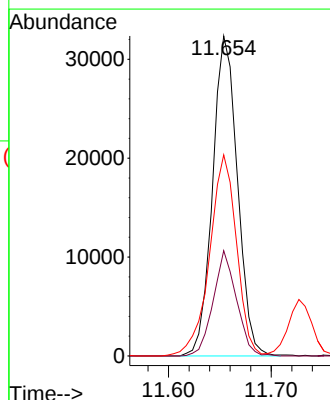
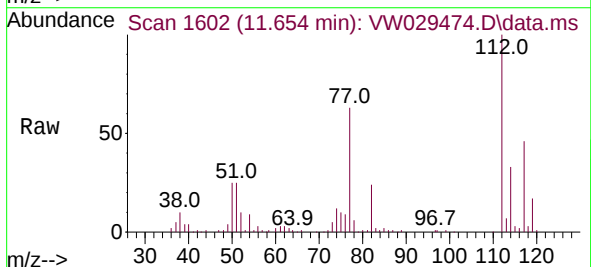
Instrument :
MSVOA_W
ClientSampleId :

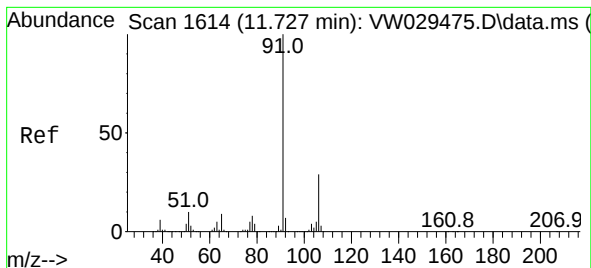
Tgt Ion:107 Resp: 14772
Ion Ratio Lower Upper
107 100
109 95.7 63.2 117.4
188 2.4 2.9 4.3#



#51
Chlorobenzene
Concen: 4.951 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion:112 Resp: 54453
Ion Ratio Lower Upper
112 100
114 32.9 22.6 42.0
77 62.9 49.9 74.9

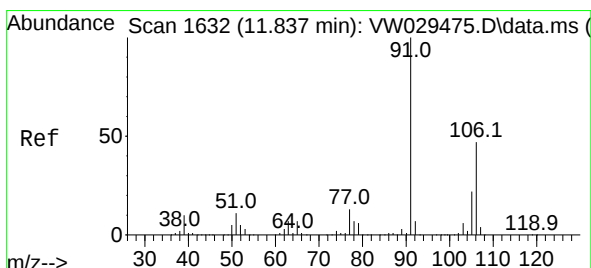
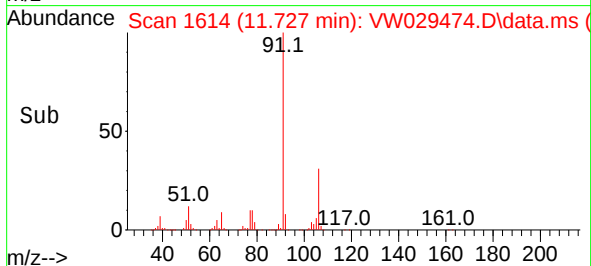
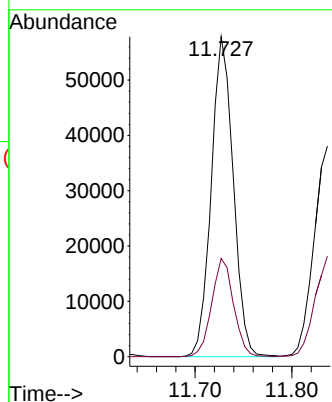
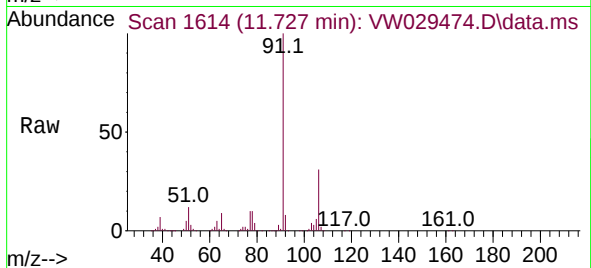




#52
Ethylbenzene
Concen: 4.715 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

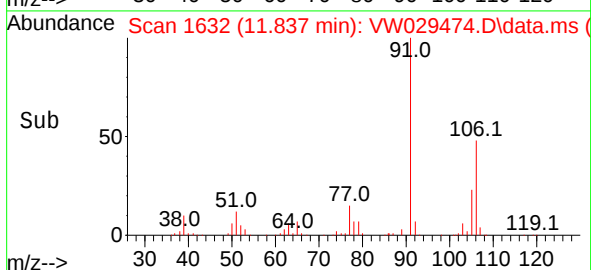
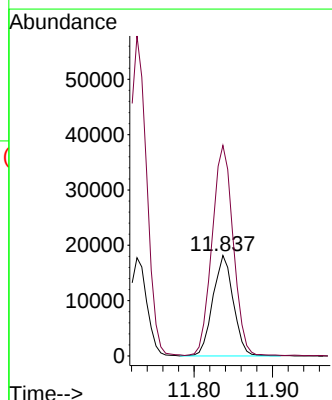
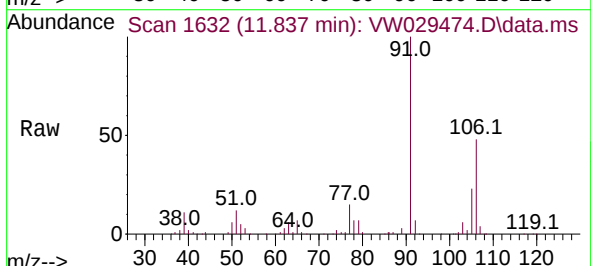
Instrument :
MSVOA_W
ClientSampleId :

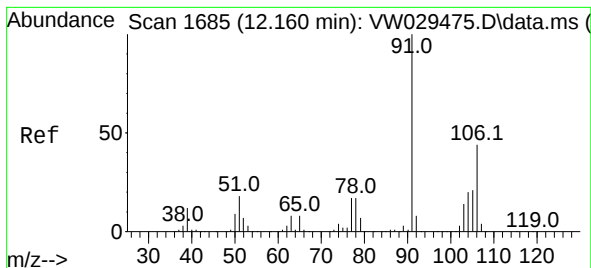
Tgt Ion: 91 Resp: 91453
Ion Ratio Lower Upper
91 100
106 30.7 20.2 37.6



#53
m,p-Xylene
Concen: 4.669 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion: 106 Resp: 33065
Ion Ratio Lower Upper
106 100
91 209.3 149.3 277.3





#54

o-Xylene

Concen: 4.532 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

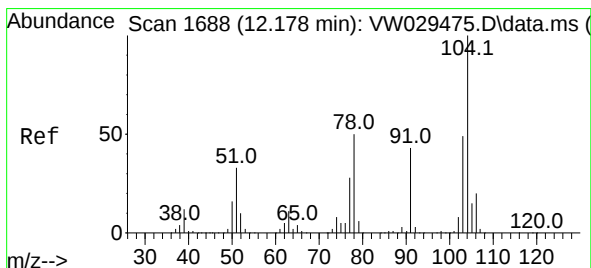
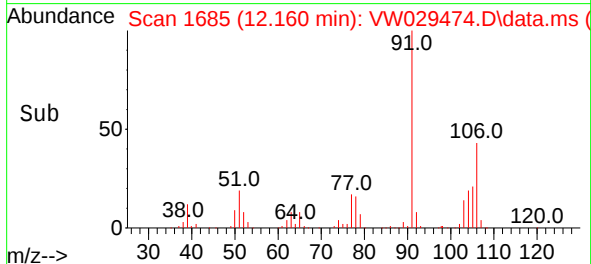
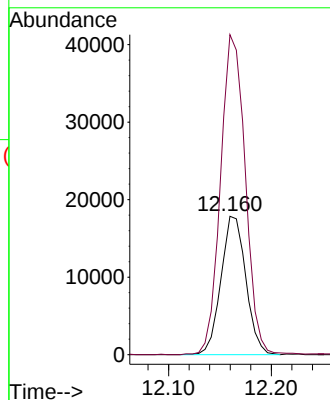
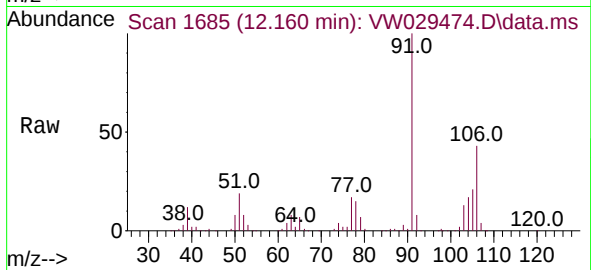
ClientSampleId :

Tgt Ion:106 Resp: 30024

Ion Ratio Lower Upper

106 100

91 231.1 159.2 295.6



#55

Styrene

Concen: 4.632 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029474.D

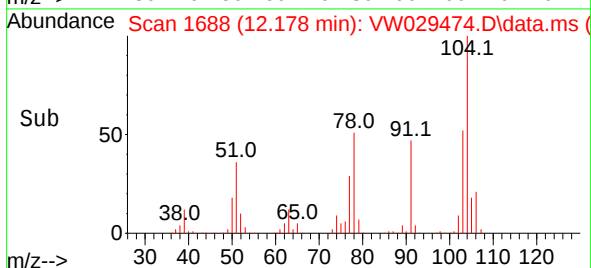
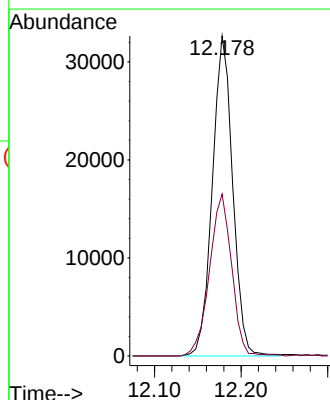
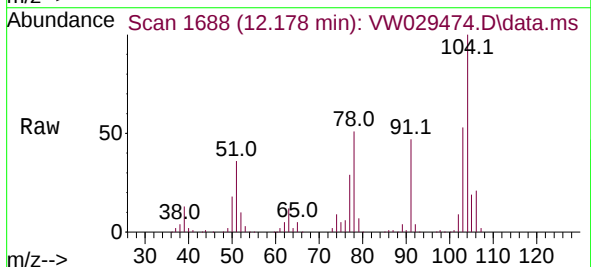
Acq: 08 Jul 2024 11:48

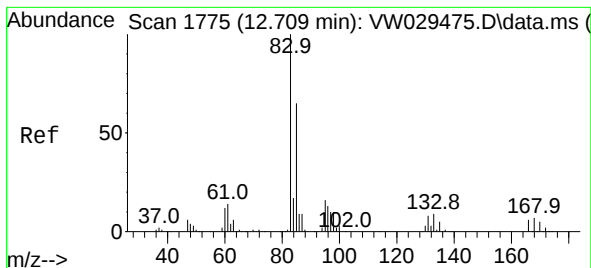
Tgt Ion:104 Resp: 53317

Ion Ratio Lower Upper

104 100

78 50.6 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.010 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

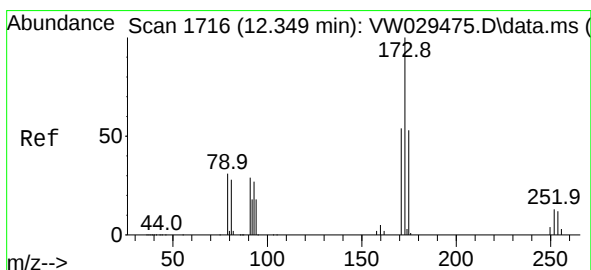
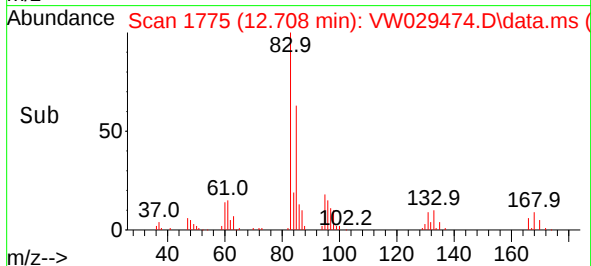
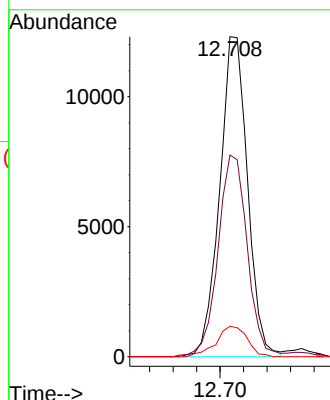
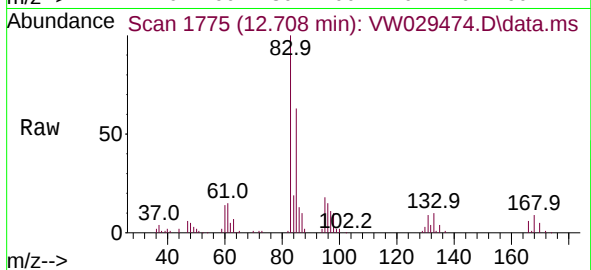
Tgt Ion: 83 Resp: 20289

Ion Ratio Lower Upper

83 100

85 63.0 45.4 84.4

131 9.5 6.4 9.6



#59

Bromoform

Concen: 4.942 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

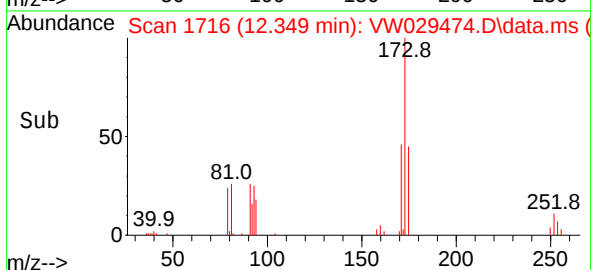
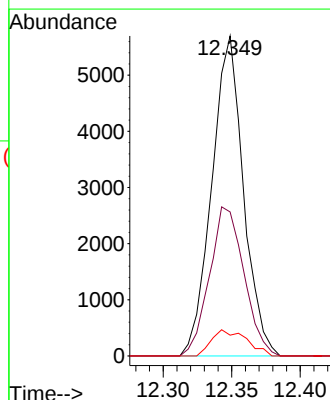
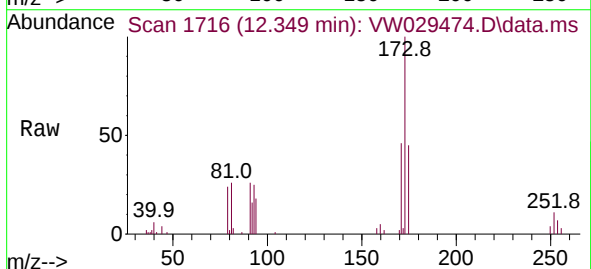
Tgt Ion:173 Resp: 9150

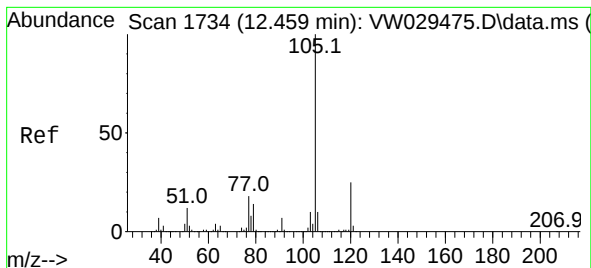
Ion Ratio Lower Upper

173 100

175 50.8 40.4 60.6

254 9.1 8.8 13.2





#60

Isopropylbenzene

Concen: 4.783 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.000 min

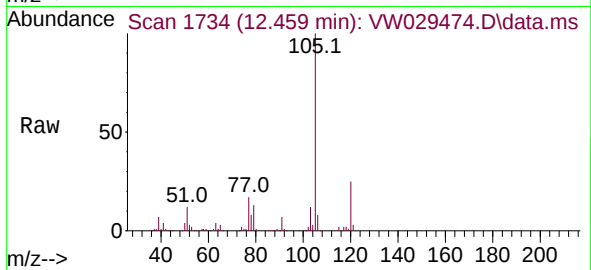
Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :



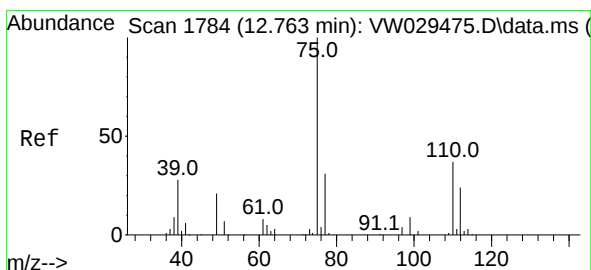
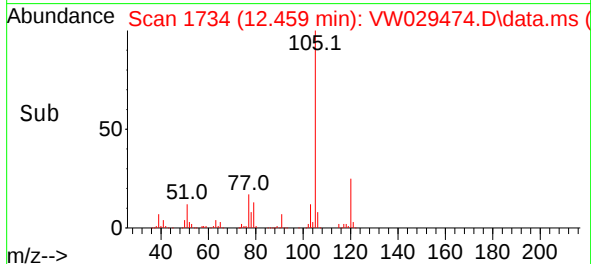
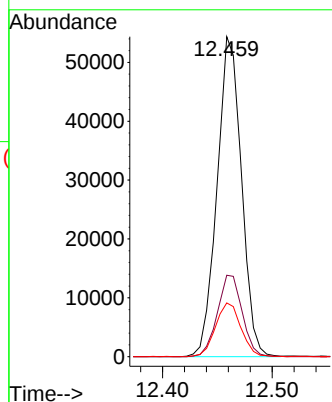
Tgt Ion:105 Resp: 84258

Ion Ratio Lower Upper

105 100

120 25.8 20.2 30.4

77 17.5 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 5.093 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

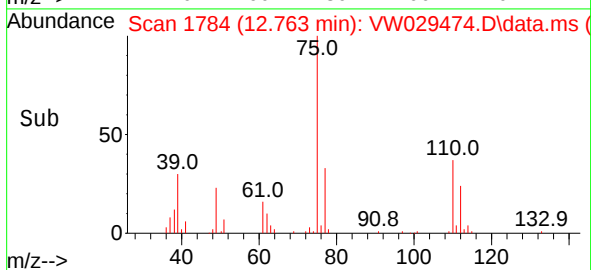
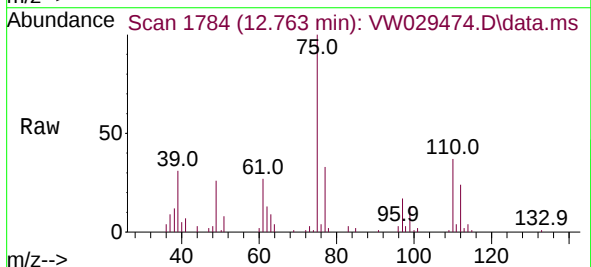
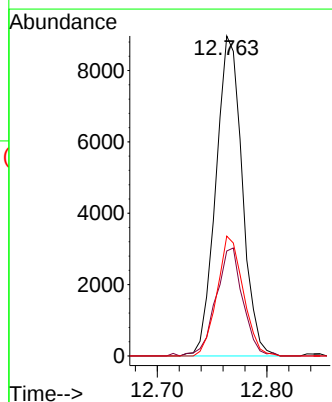
Tgt Ion: 75 Resp: 14964

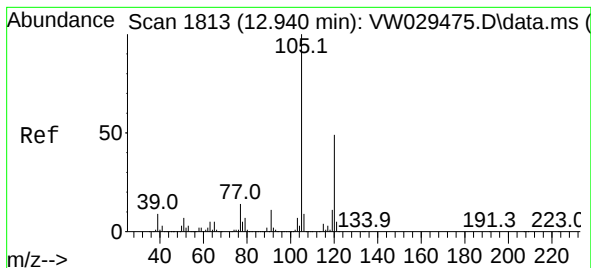
Ion Ratio Lower Upper

75 100

77 34.1 25.5 38.3

110 37.2 29.1 43.7





#62

1,3,5-Trimethylbenzene

Concen: 4.037 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

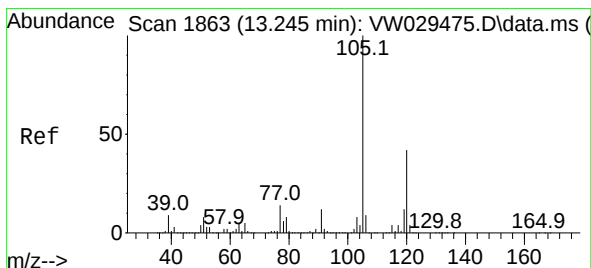
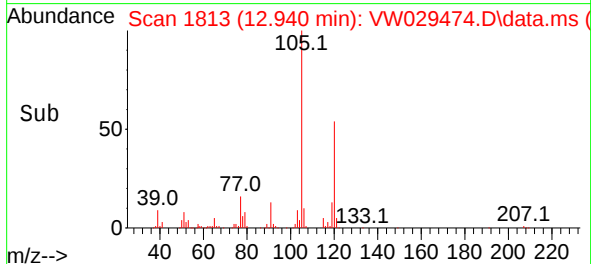
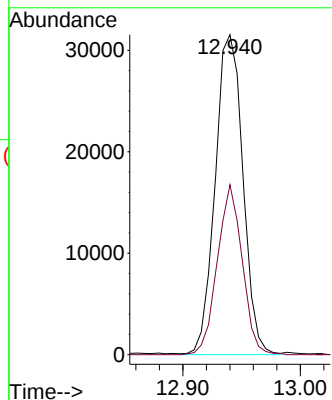
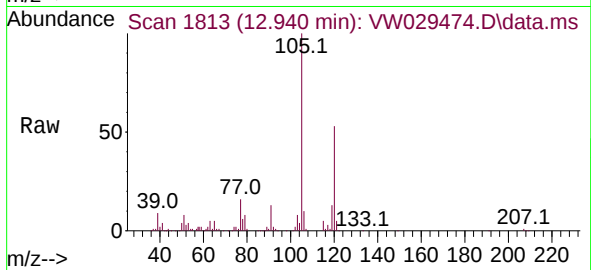
ClientSampleId :

Tgt Ion:105 Resp: 51774

Ion Ratio Lower Upper

105 100

120 47.6 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 4.657 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029474.D

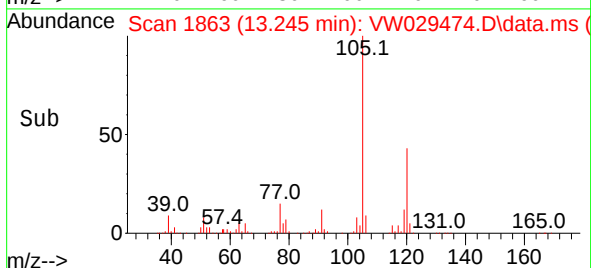
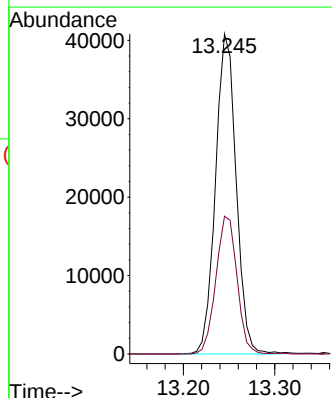
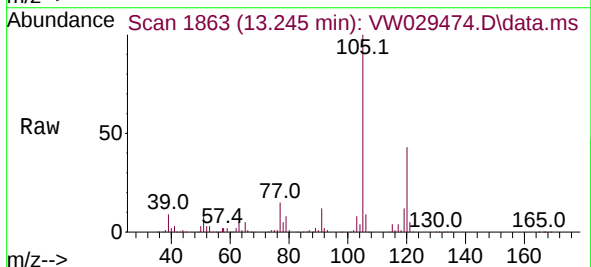
Acq: 08 Jul 2024 11:48

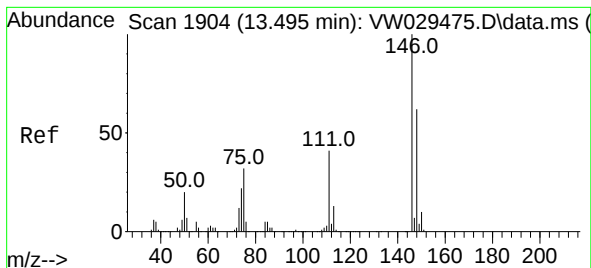
Tgt Ion:105 Resp: 64126

Ion Ratio Lower Upper

105 100

120 43.9 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.105 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :

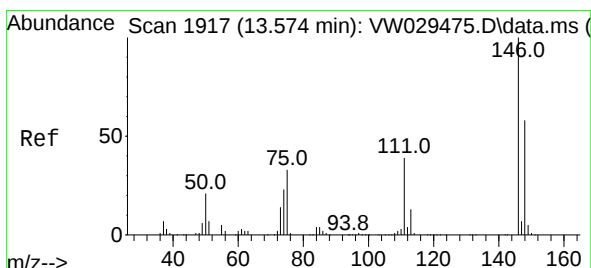
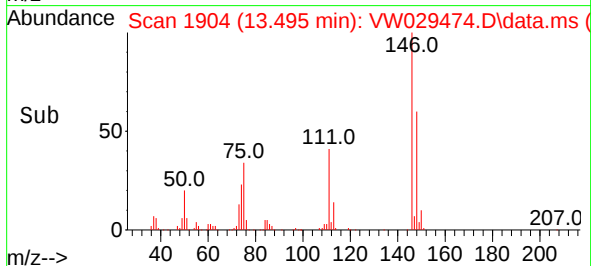
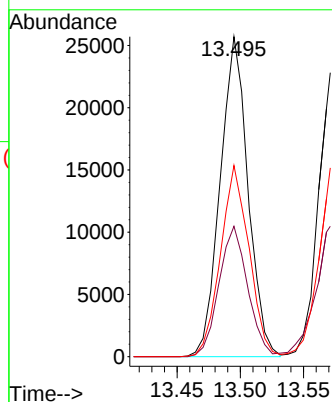
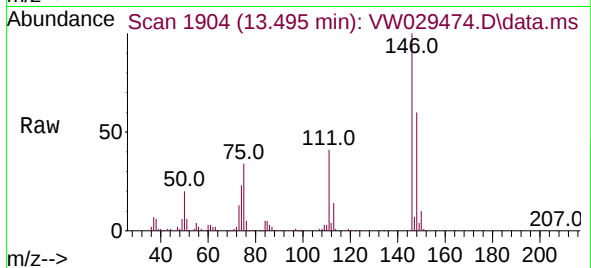
Tgt Ion:146 Resp: 39307

Ion Ratio Lower Upper

146 100

111 40.7 28.6 53.2

148 59.8 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 4.992 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

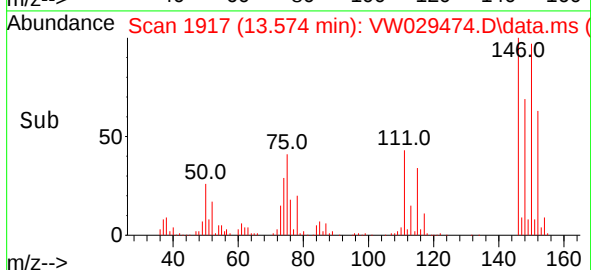
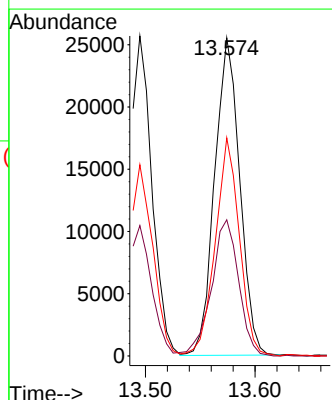
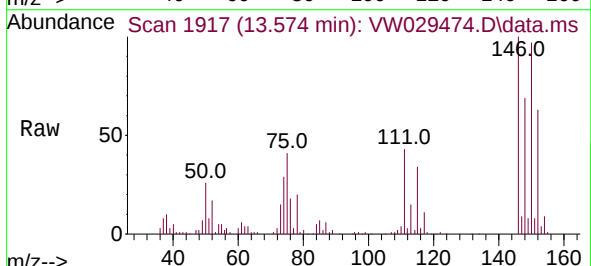
Tgt Ion:146 Resp: 40540

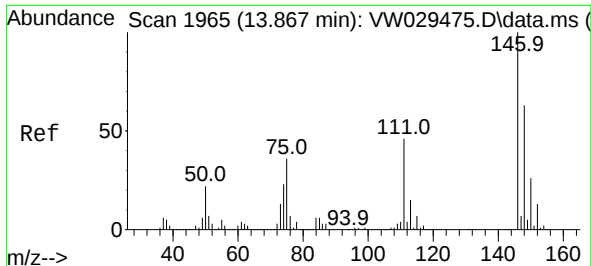
Ion Ratio Lower Upper

146 100

111 42.8 27.6 51.4

148 68.6 40.9 75.9

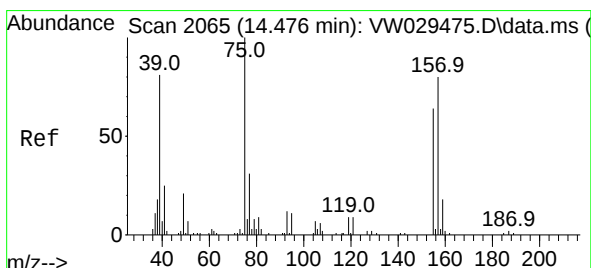
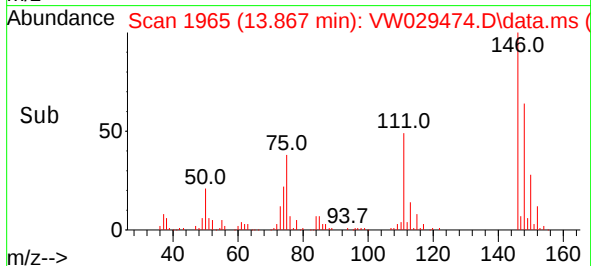
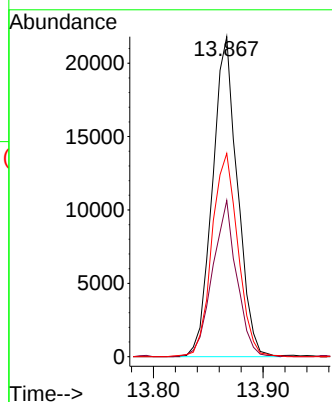
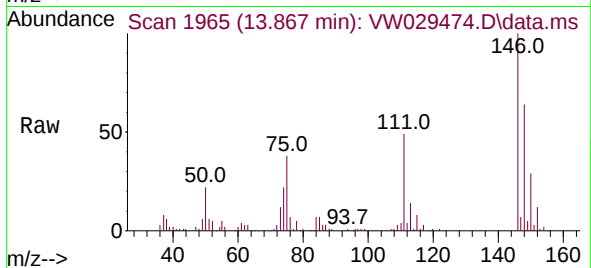




#67
1,2-Dichlorobenzene
Concen: 4.907 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

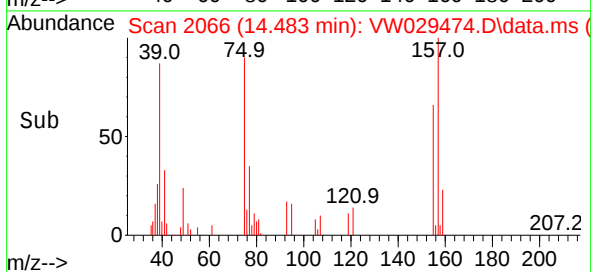
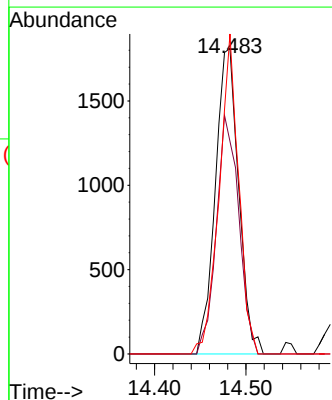
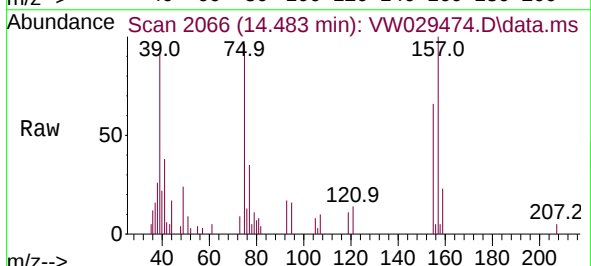
Instrument :
MSVOA_W
ClientSampleId :

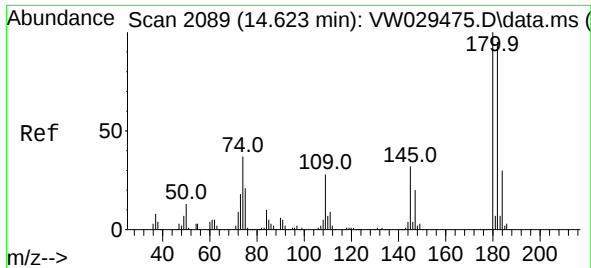
Tgt Ion:146 Resp: 34512
Ion Ratio Lower Upper
146 100
111 48.8 37.1 55.7
148 63.5 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.673 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW029474.D
Acq: 08 Jul 2024 11:48

Tgt Ion: 75 Resp: 3224
Ion Ratio Lower Upper
75 100
155 69.6 51.2 76.8
157 104.7 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 5.098 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

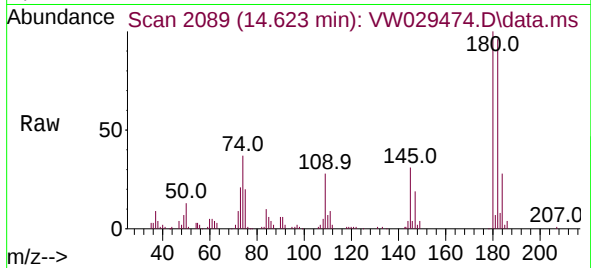
Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 26108

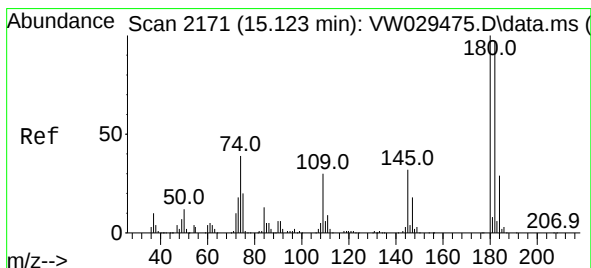
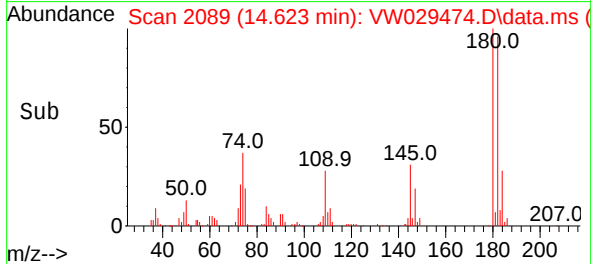
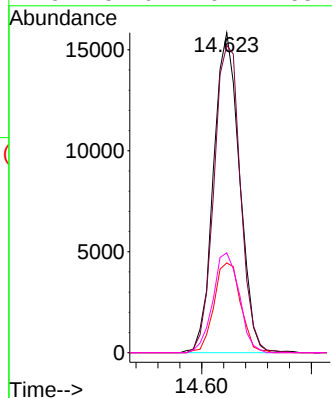
Ion Ratio Lower Upper

180 100

182 97.7 77.9 116.9

184 28.8 24.4 36.6

145 31.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.816 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029474.D

Acq: 08 Jul 2024 11:48

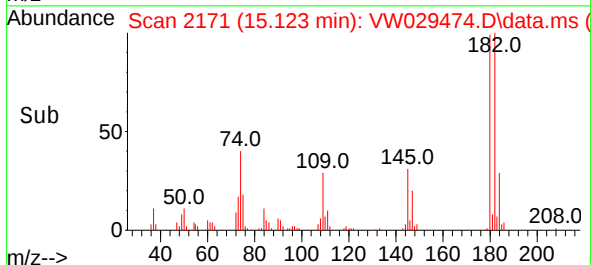
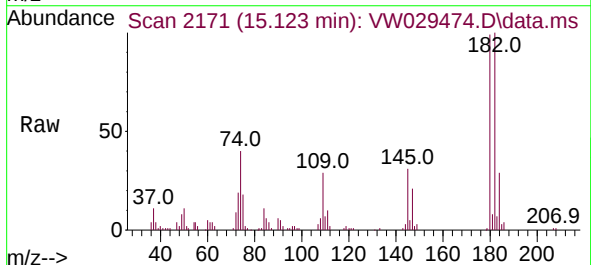
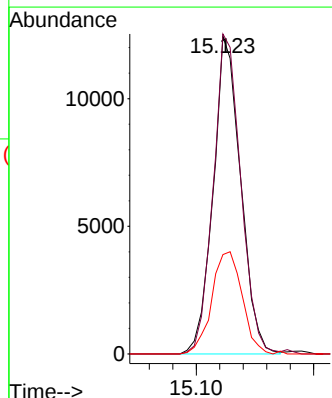
Tgt Ion:180 Resp: 20222

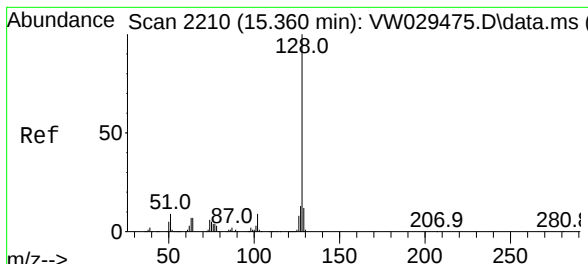
Ion Ratio Lower Upper

180 100

182 100.7 74.7 112.1

145 35.4 26.2 39.2



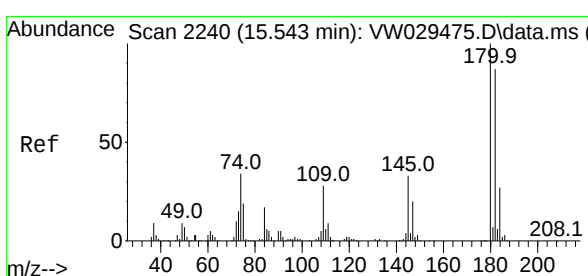
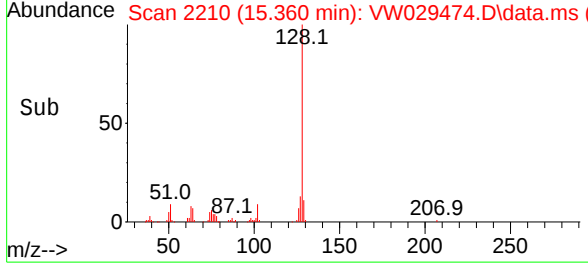
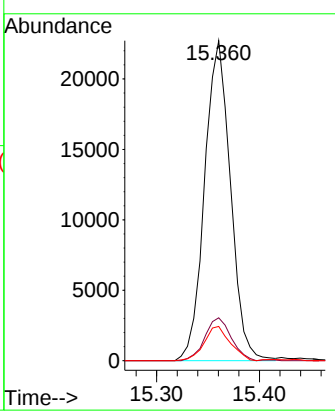
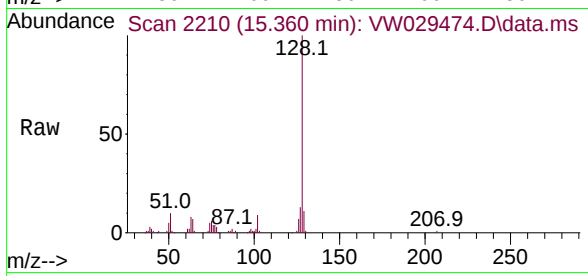


#71
 Naphthalene
 Concen: 4.716 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VW029474.D
 Acq: 08 Jul 2024 11:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 39751

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.8	9.0	13.4



#72
 1,2,3-Trichlorobenzene
 Concen: 4.926 ug/L
 RT: 15.543 min Scan# 2240
 Delta R.T. -0.000 min
 Lab File: VW029474.D
 Acq: 08 Jul 2024 11:48

Tgt Ion:180 Resp: 19047

Ion	Ratio	Lower	Upper
180	100		
182	103.5	73.4	110.0
145	34.3	26.9	40.3

