

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029973.D
 Acq On : 20 Aug 2024 20:55
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 00:49:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 21 00:44:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	197559	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	190079	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	98874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50192	17.896	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.600%		
7) Chloroethane-d5	2.899	69	47819	23.881	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.520%		
11) 1,1-Dichloroethene-d2	4.027	65	22994	17.960	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.840%		
21) 2-Butanone-d5	7.094	46	27577	35.874	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	71.740%		
24) Chloroform-d	7.648	84	131830	25.778	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.120%		
26) 1,2-Dichloroethane-d4	8.307	65	69788	23.958	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.840%		
32) Benzene-d6	8.276	84	232057	22.595	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.360%		
36) 1,2-Dichloropropane-d6	9.276	67	72090	21.983	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.920%		
41) Toluene-d8	10.325	98	215719	23.622	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.480%		
43) trans-1,3-Dichloroprop...	10.575	79	28961	21.825	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.280%		
47) 2-Hexanone-d5	10.922	63	20919	38.686	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.380%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	61978	25.453	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.800%		
66) 1,2-Dichlorobenzene-d4	13.848	152	71439	23.269	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.080%		
Target Compounds						Qvalue
3) Chloromethane	2.222	50	62190	18.873	ug/L	100
5) Vinyl chloride	2.375	62	80611	21.832	ug/L	97
6) Bromomethane	2.789	94	55636	27.441	ug/L	95
8) Chloroethane	2.936	64	54828	26.103	ug/L	90
9) Trichlorofluoromethane	3.271	101	77936	26.426	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	76897	26.179	ug/L	94
12) 1,1-Dichloroethene	4.045	96	63145	23.396	ug/L	91
13) Acetone	4.149	43	30592	32.023	ug/L	96
14) Carbon disulfide	4.393	76	169314	18.851	ug/L	98
15) Methyl Acetate	4.685	43	29459	18.513	ug/L #	88
16) Methylene chloride	4.917	84	89210	21.600	ug/L	88
17) trans-1,2-Dichloroethene	5.429	96	73953	25.427	ug/L	85
18) Methyl tert-butyl Ether	5.429	73	117674	24.549	ug/L	99
19) 1,1-Dichloroethane	6.222	63	151667	24.726	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	86394	27.385	ug/L	90
22) 2-Butanone	7.179	43	38731	31.641	ug/L	87
23) Bromochloromethane	7.514	128	38078	28.431	ug/L #	75
25) Chloroform	7.679	83	168277	29.118	ug/L	96
27) 1,2-Dichloroethane	8.398	62	110102	26.142	ug/L	98

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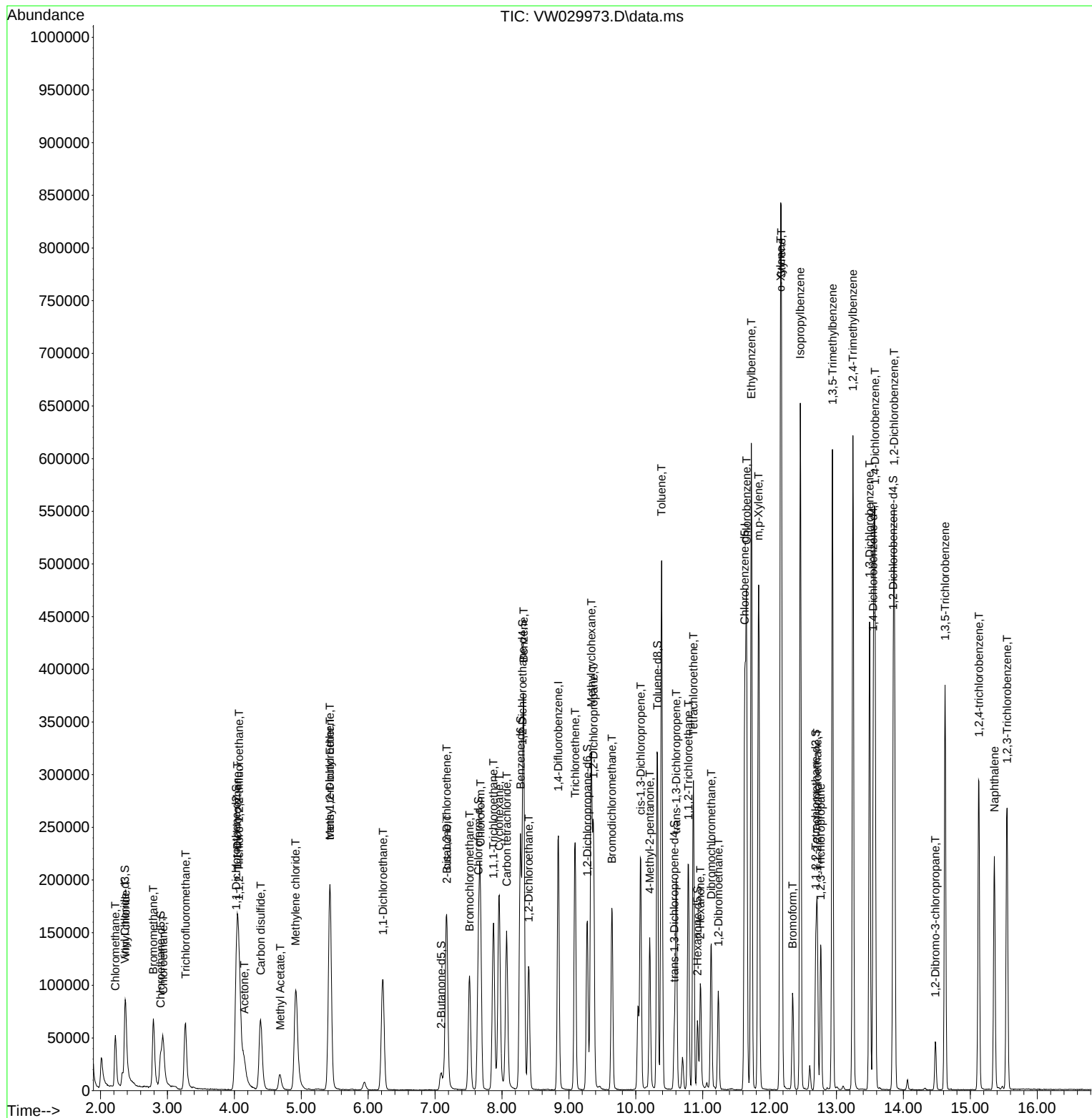
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	98935	18.316	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	124142	25.790	ug/L	96
31) Carbon tetrachloride	8.069	117	109888	25.335	ug/L	100
33) Benzene	8.325	78	331797	25.476	ug/L	100
34) Trichloroethene	9.093	95	85278	24.978	ug/L	93
35) Methylcyclohexane	9.337	83	125275	22.020	ug/L	92
37) 1,2-Dichloropropane	9.367	63	86682	24.287	ug/L	99
38) Bromodichloromethane	9.642	83	116947	27.517	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	127496	24.529	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	86425	38.124	ug/L #	91
42) Toluene	10.386	91	360370	27.108	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	107654	24.950	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	67820	28.286	ug/L	96
46) Tetrachloroethene	10.861	164	59589	24.014	ug/L	90
48) 2-Hexanone	10.965	43	61741	36.364	ug/L #	95
49) Dibromochloromethane	11.129	129	70015	28.129	ug/L	89
50) 1,2-Dibromoethane	11.233	107	59912	27.006	ug/L	91
51) Chlorobenzene	11.654	112	221466	26.783	ug/L	95
52) Ethylbenzene	11.727	91	410151	27.352	ug/L	99
53) m,p-Xylene	11.837	106	149555	27.118	ug/L	94
54) o-Xylene	12.166	106	141337	27.830	ug/L	96
55) Styrene	12.178	104	252295	28.660	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	78793	26.774	ug/L	98
59) Bromoform	12.343	173	38444	25.840	ug/L #	90
60) Isopropylbenzene	12.458	105	387781	25.345	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	55241	22.972	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	317069	27.881	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	319796	26.294	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	170625	26.138	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	173736	25.910	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	153135	25.767	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12014	22.003	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	113098	25.323	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	89829	23.874	ug/L	99
71) Naphthalene	15.360	128	180150	25.092	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	85549	25.120	ug/L	97

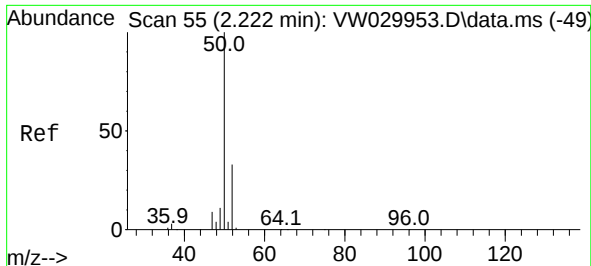
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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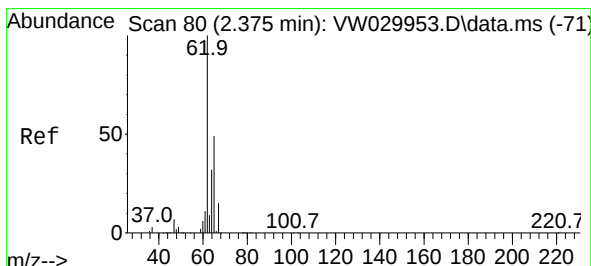
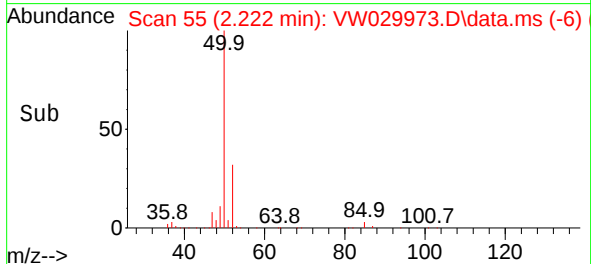
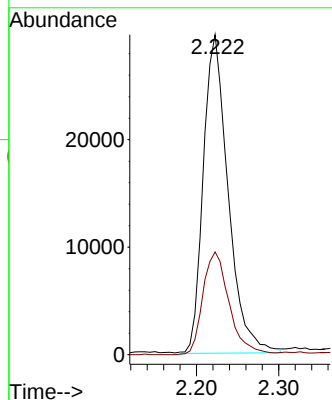
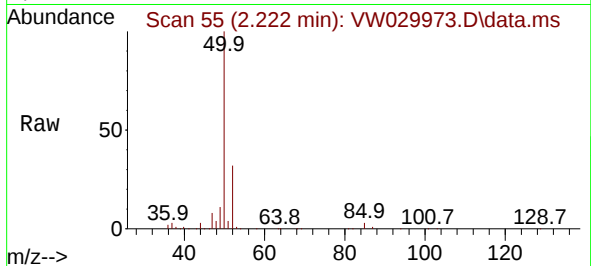




#3
Chloromethane
Concen: 18.873 ug/L
RT: 2.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

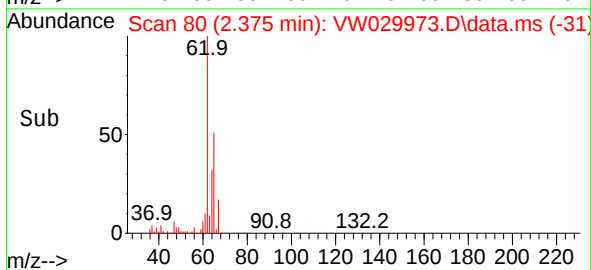
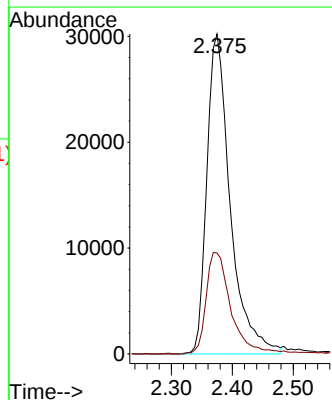
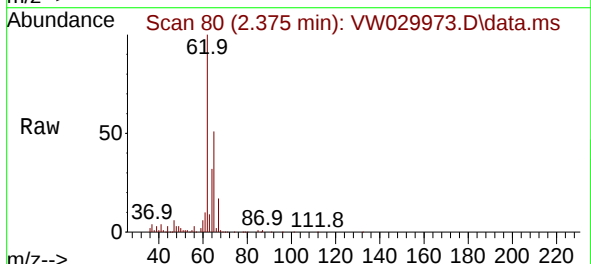
Instrument :
MSVOA_W
ClientSampleId :

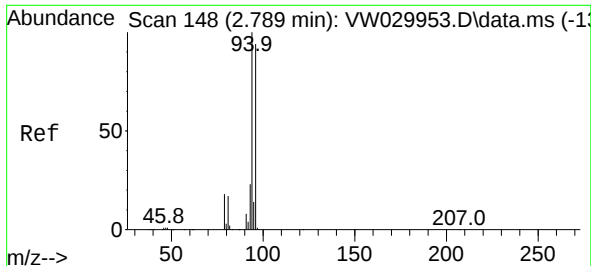
Tgt Ion: 50 Resp: 62190
Ion Ratio Lower Upper
50 100
52 32.1 22.5 41.9



#5
Vinyl chloride
Concen: 21.832 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

Tgt Ion: 62 Resp: 80611
Ion Ratio Lower Upper
62 100
64 31.6 23.2 43.2

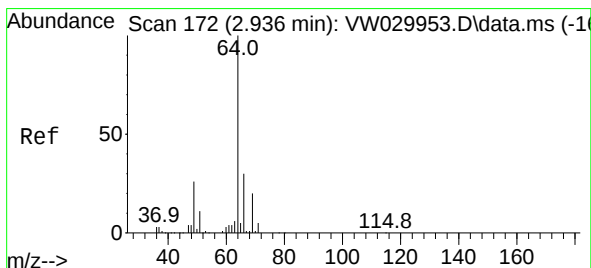
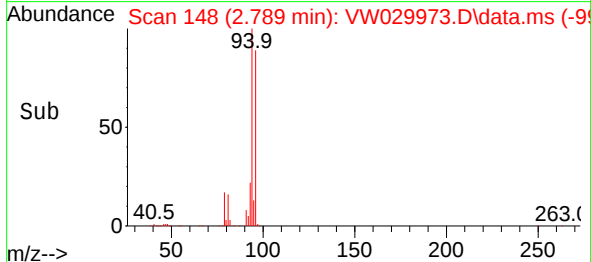
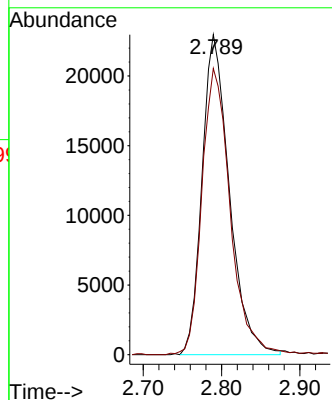
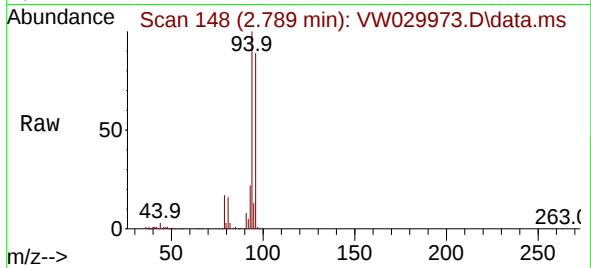




#6
Bromomethane
Concen: 27.441 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

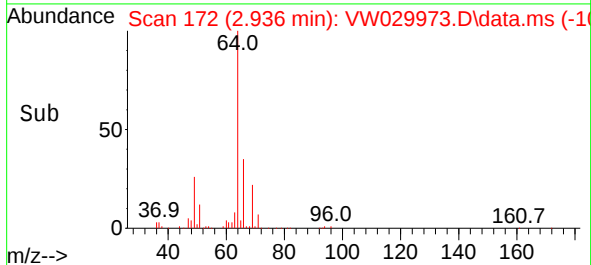
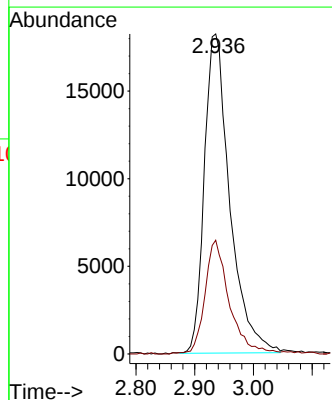
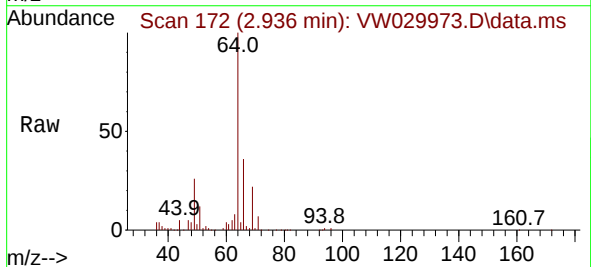
Instrument :
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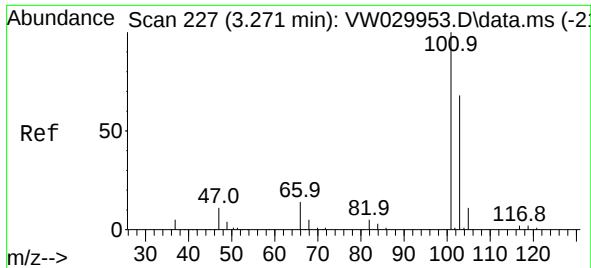
Tgt Ion: 94 Resp: 55636
Ion Ratio Lower Upper
94 100
96 89.4 66.2 123.0



#8
Chloroethane
Concen: 26.103 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

Tgt Ion: 64 Resp: 54828
Ion Ratio Lower Upper
64 100
66 35.6 21.2 39.4

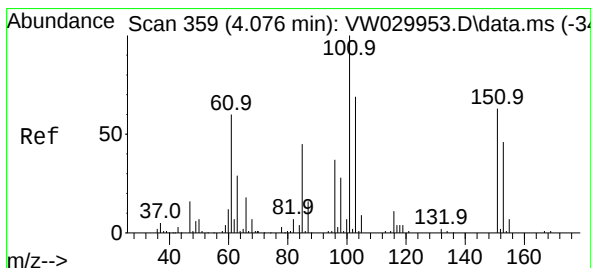
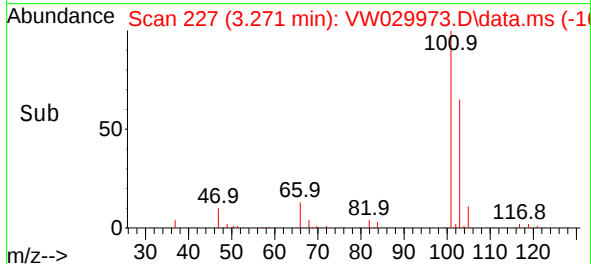
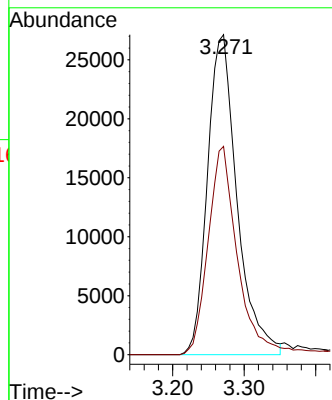
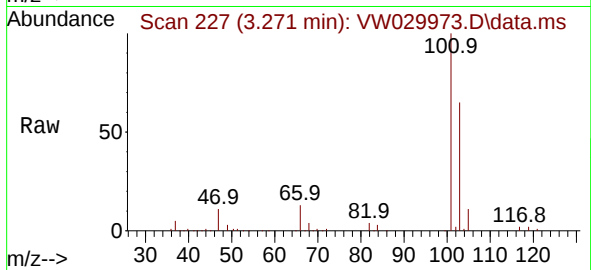




#9
 Trichlorofluoromethane
 Concen: 26.426 ug/L
 RT: 3.271 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029973.D
 Acq: 20 Aug 2024 20:55

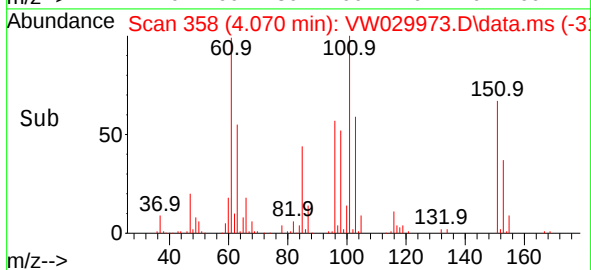
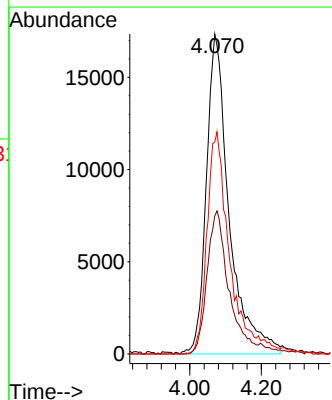
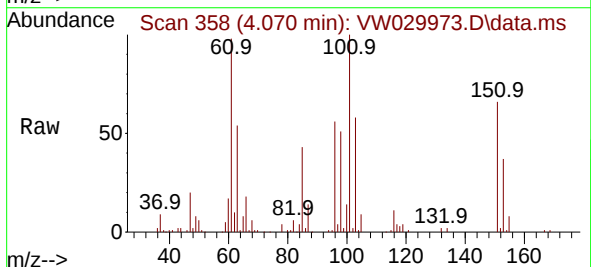
Instrument :
 MSVOA_W
 ClientSampleId :

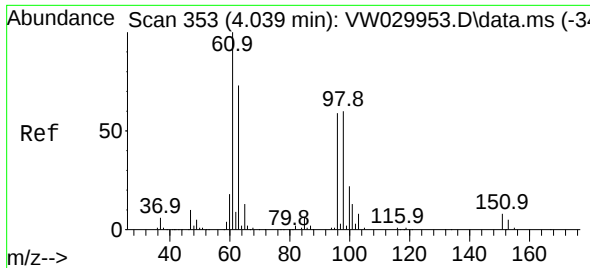
Tgt Ion:101 Resp: 77936
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.179 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW029973.D
 Acq: 20 Aug 2024 20:55

Tgt Ion:101 Resp: 76897
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.2 51.4
 151 60.5 54.2 81.2





#12

1,1-Dichloroethene

Concen: 23.396 ug/L

RT: 4.045 min Scan# 353

Delta R.T. 0.006 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

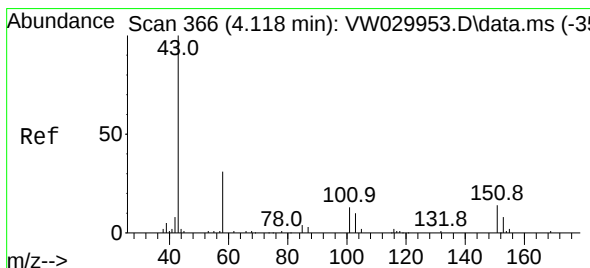
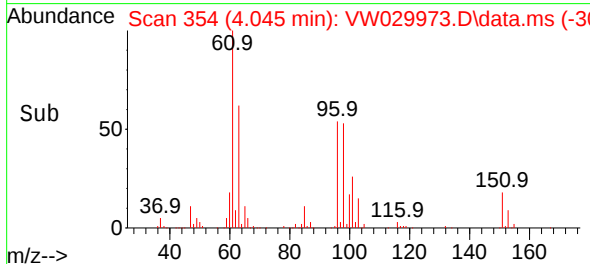
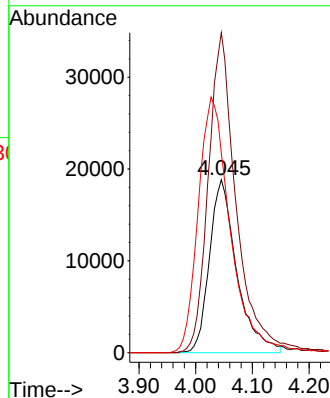
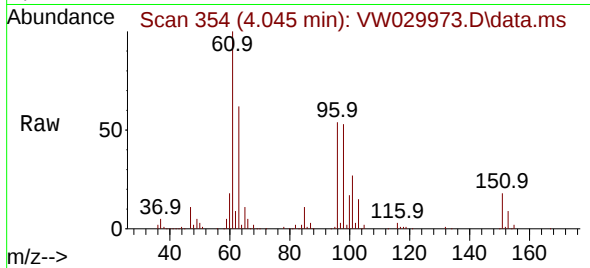
Tgt Ion: 96 Resp: 63145

Ion Ratio Lower Upper

96 100

61 185.0 138.3 256.9

63 115.4 89.0 165.4



#13

Acetone

Concen: 32.023 ug/L

RT: 4.149 min Scan# 371

Delta R.T. 0.030 min

Lab File: VW029973.D

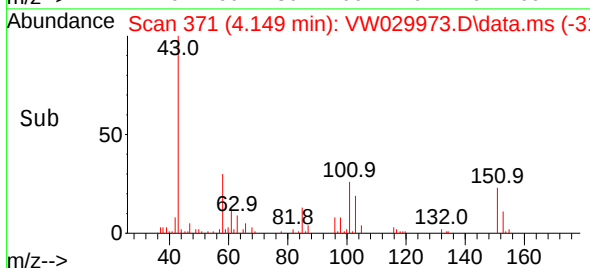
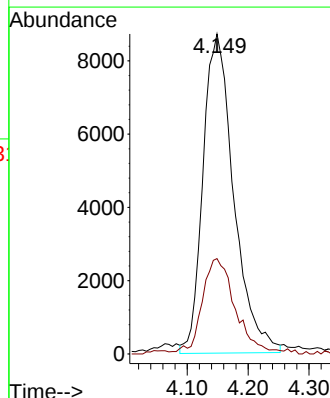
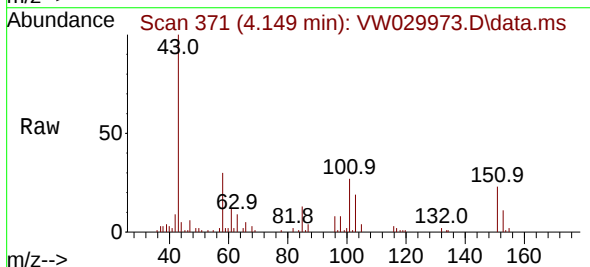
Acq: 20 Aug 2024 20:55

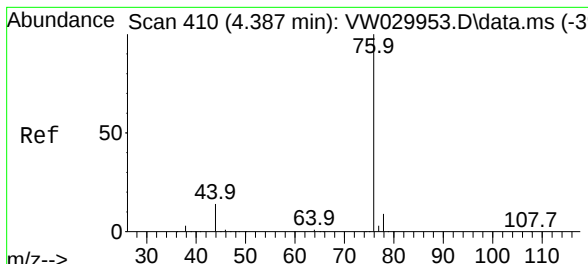
Tgt Ion: 43 Resp: 30592

Ion Ratio Lower Upper

43 100

58 30.9 0.0 57.6



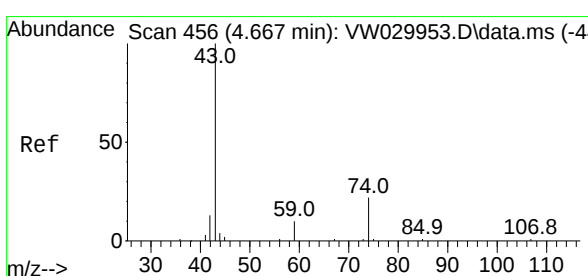
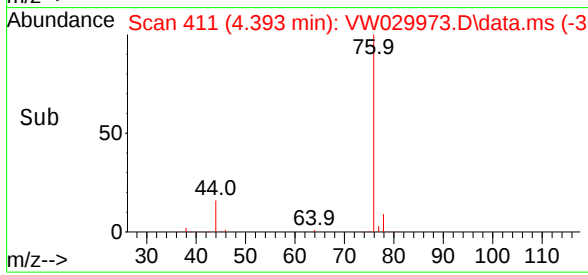
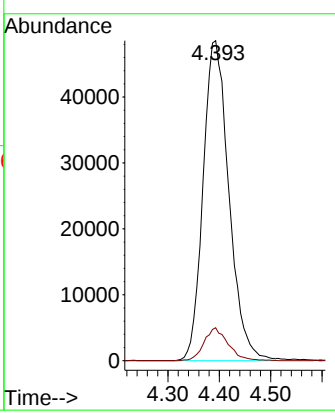
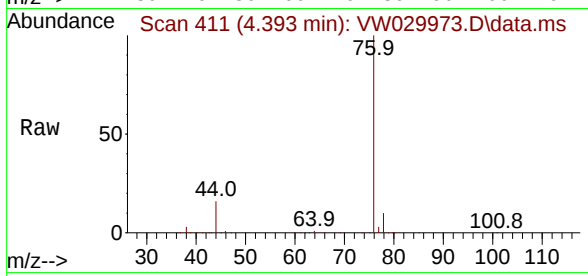


#14
Carbon disulfide
Concen: 18.851 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029973.D
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ClientSampleId :

Tgt Ion: 76 Resp: 169314

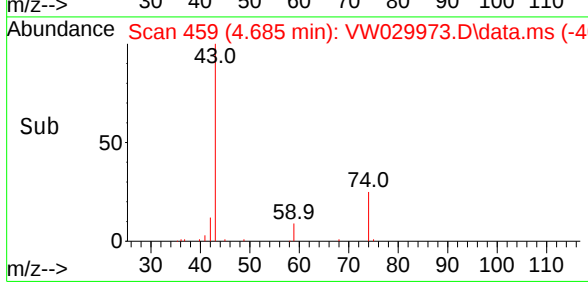
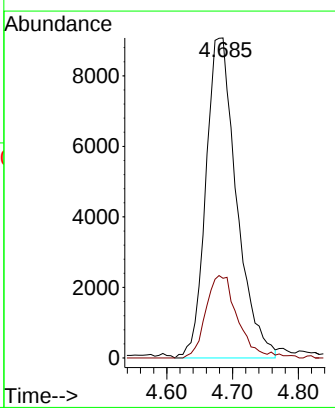
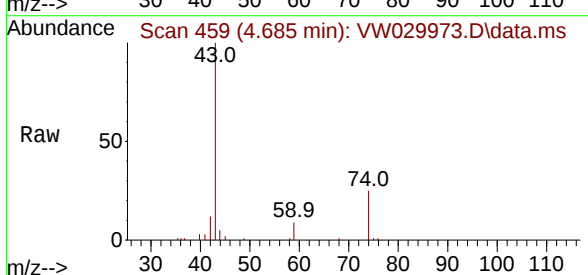
Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.6	11.4

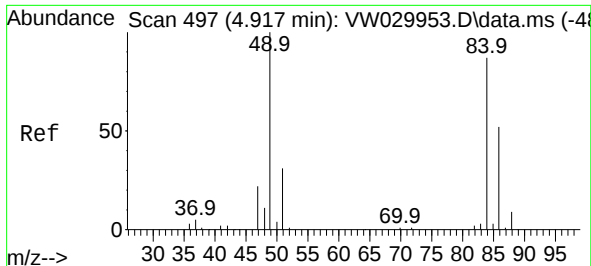


#15
Methyl Acetate
Concen: 18.513 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.018 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

Tgt Ion: 43 Resp: 29459

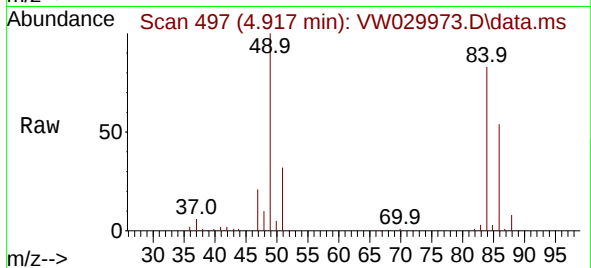
Ion	Ratio	Lower	Upper
43	100		
74	15.2	16.5	24.7#



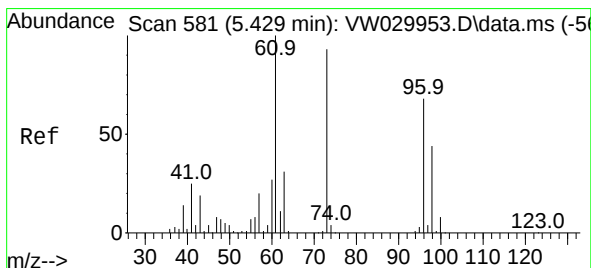
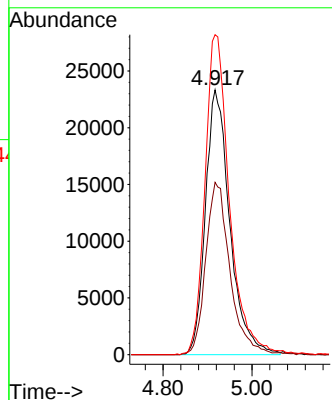
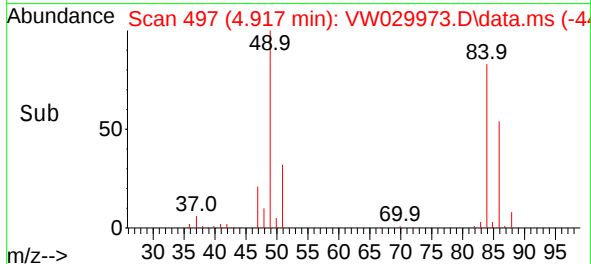


#16
Methylene chloride
Concen: 21.600 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

Instrument :
MSVOA_W
ClientSampleId :

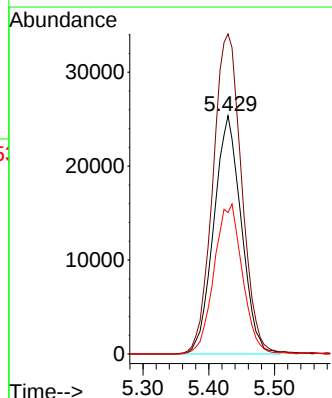
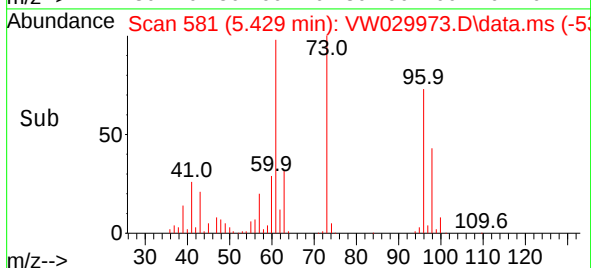
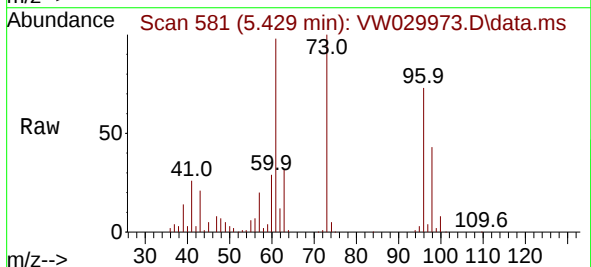


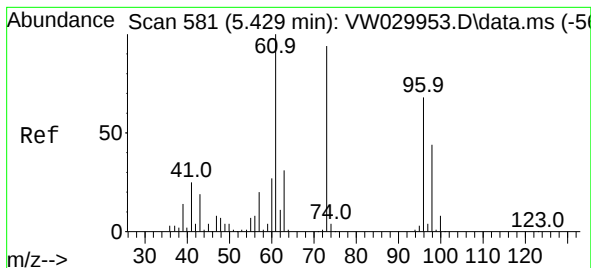
Tgt Ion: 84 Resp: 89210
Ion Ratio Lower Upper
84 100
86 65.1 44.7 82.9
49 120.8 99.0 184.0



#17
trans-1,2-Dichloroethene
Concen: 25.427 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

Tgt Ion: 96 Resp: 73953
Ion Ratio Lower Upper
96 100
61 134.3 111.2 206.6
98 59.4 45.0 83.6





#18

Methyl tert-butyl Ether

Concen: 24.549 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

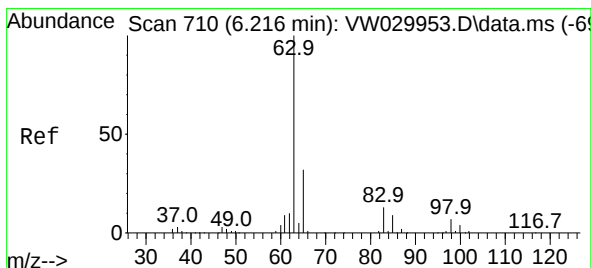
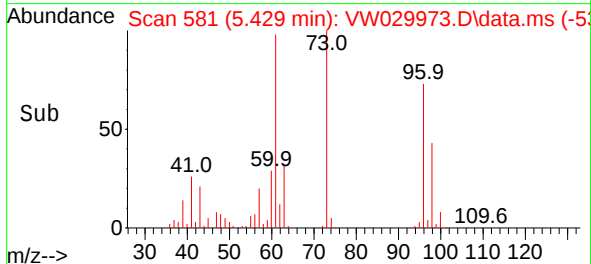
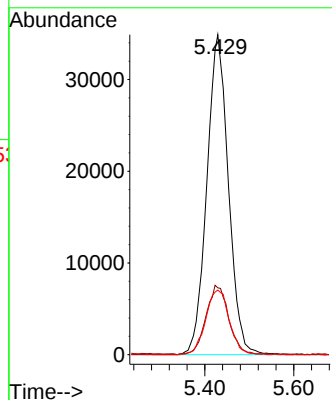
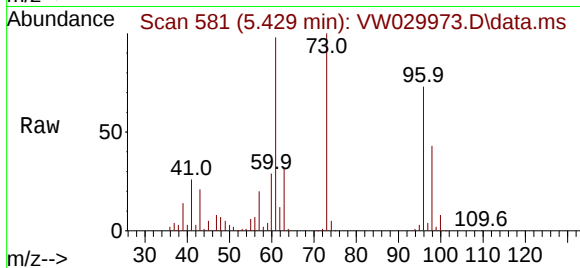
Tgt Ion: 73 Resp: 117674

Ion Ratio Lower Upper

73 100

43 22.8 18.3 27.5

57 21.8 17.9 26.9



#19

1,1-Dichloroethane

Concen: 24.726 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

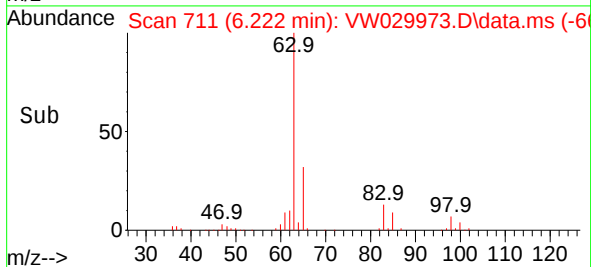
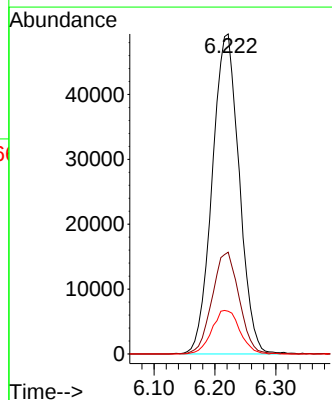
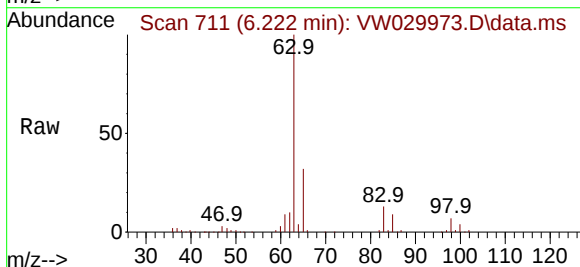
Tgt Ion: 63 Resp: 151667

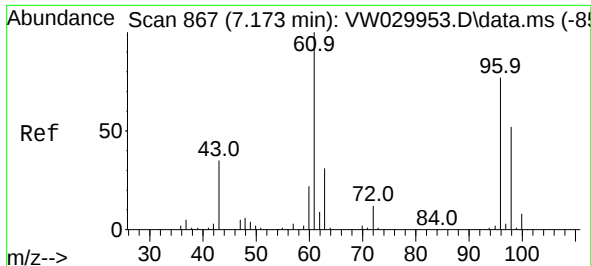
Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 13.3 8.5 15.7





#20

cis-1,2-Dichloroethene

Concen: 27.385 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

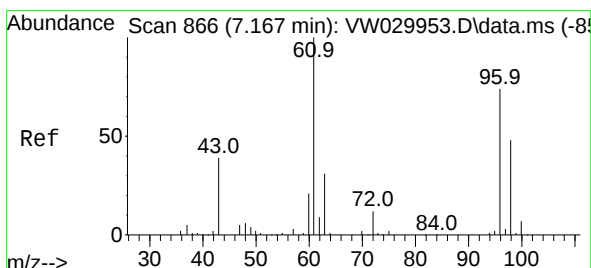
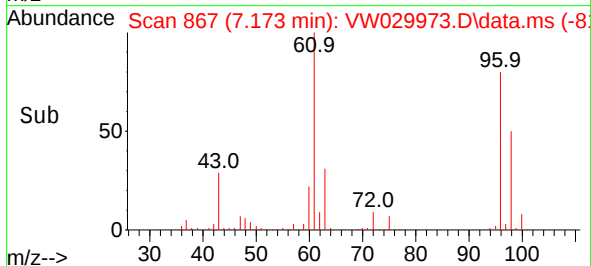
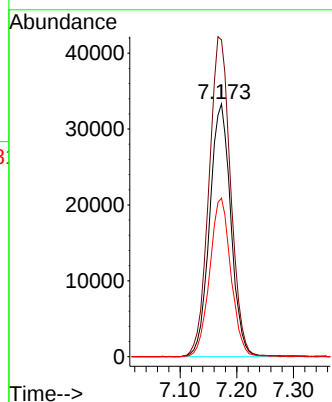
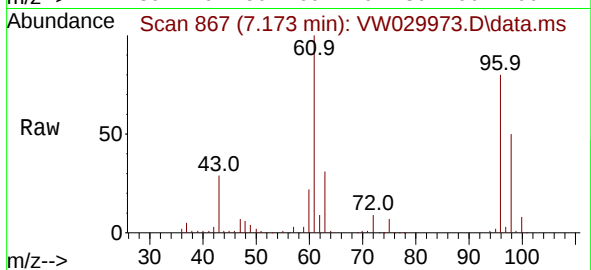
Tgt Ion: 96 Resp: 86394

Ion Ratio Lower Upper

96 100

61 125.3 98.2 182.4

98 62.8 41.9 77.9



#22

2-Butanone

Concen: 31.641 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.012 min

Lab File: VW029973.D

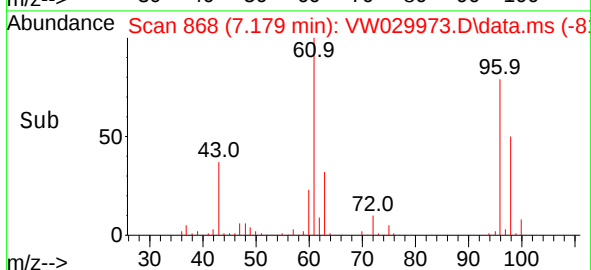
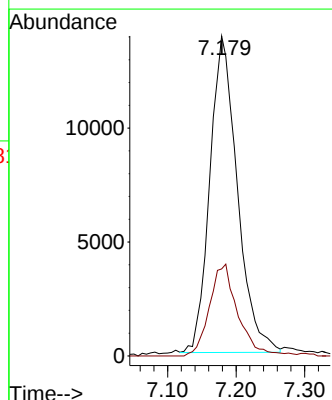
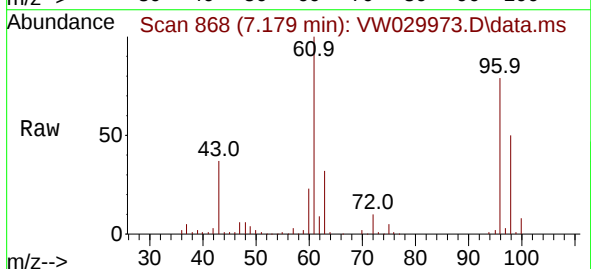
Acq: 20 Aug 2024 20:55

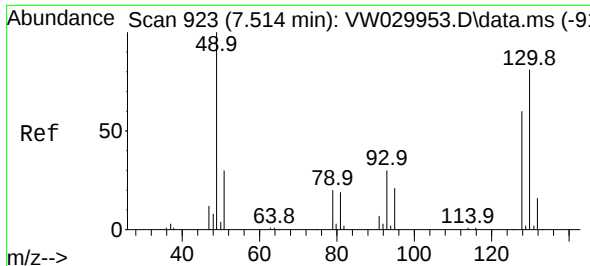
Tgt Ion: 43 Resp: 38731

Ion Ratio Lower Upper

43 100

72 29.7 11.7 35.1

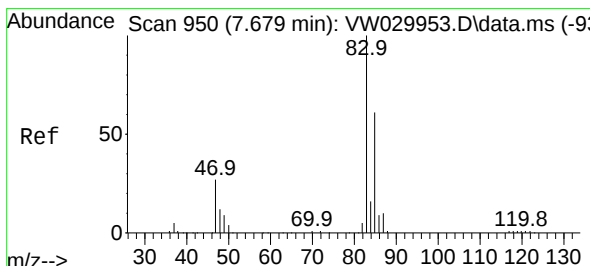
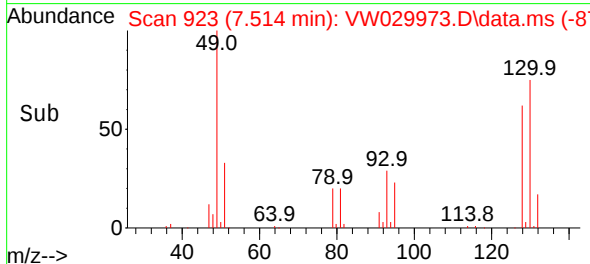
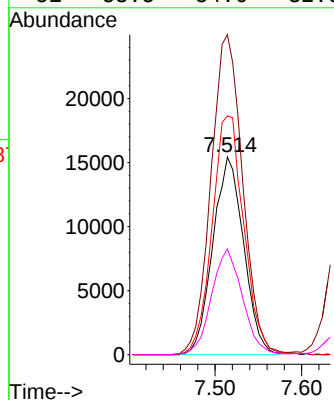
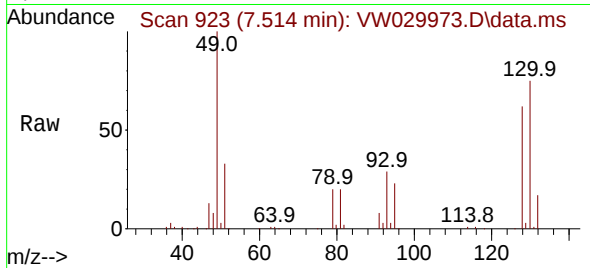




#23
Bromochloromethane
Concen: 28.431 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

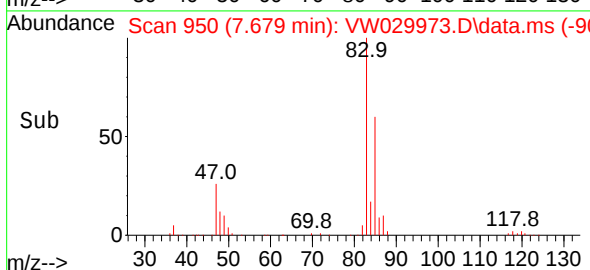
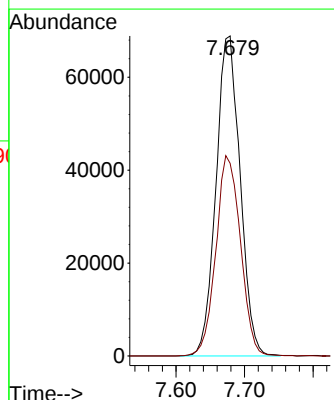
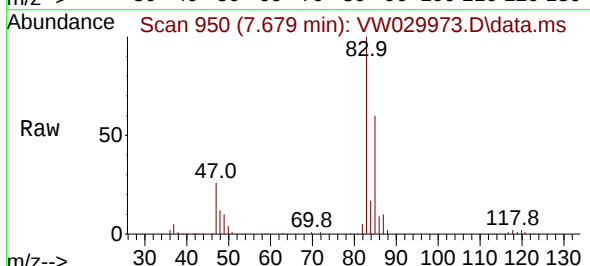
Instrument :
MSVOA_W
ClientSampleId :

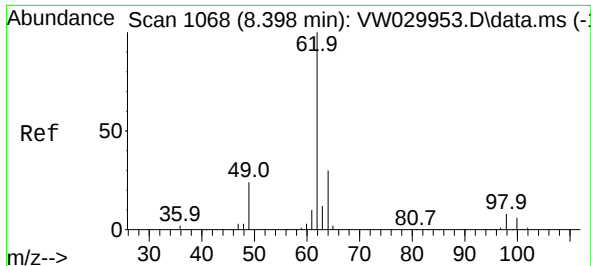
Tgt Ion:128 Resp: 38078
Ion Ratio Lower Upper
128 100
49 162.0 151.1 280.7
130 120.8 96.8 179.8
51 53.5 54.6 82.0#



#25
Chloroform
Concen: 29.118 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

Tgt Ion: 83 Resp: 168277
Ion Ratio Lower Upper
83 100
85 60.2 44.4 82.4





#27

1,2-Dichloroethane

Concen: 26.142 ug/L

RT: 8.398 min Scan# 110102

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

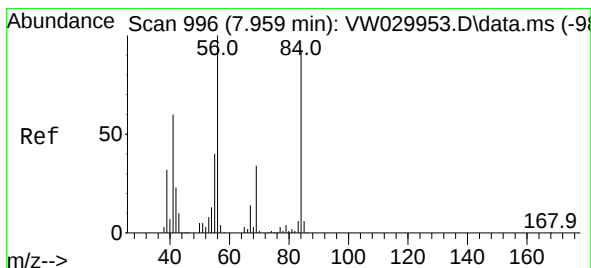
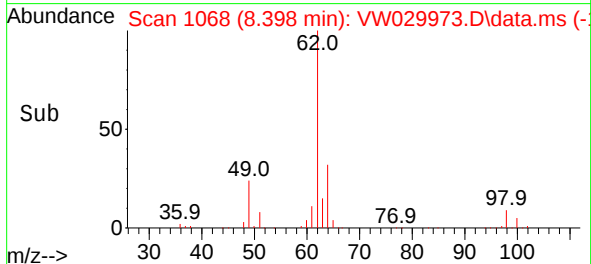
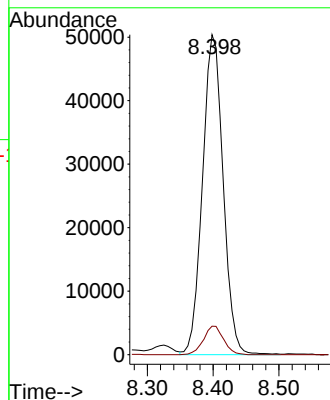
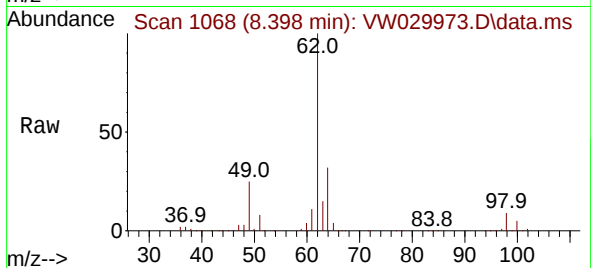
ClientSampleId :

Tgt Ion: 62 Resp: 110102

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0



#29

Cyclohexane

Concen: 18.316 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

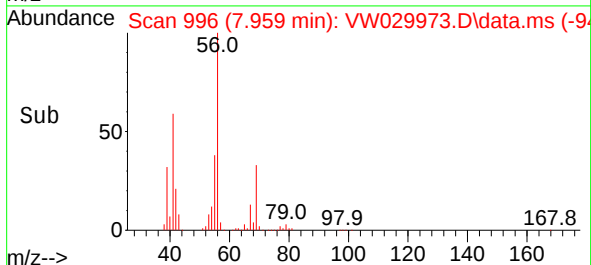
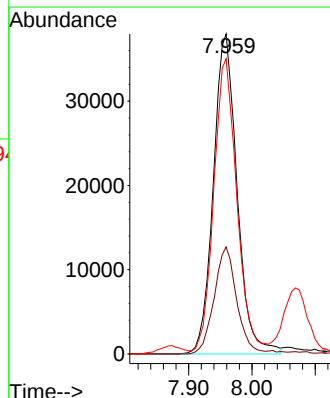
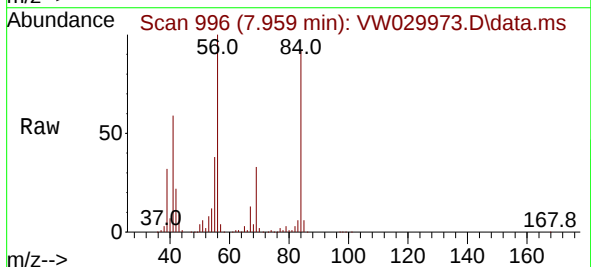
Tgt Ion: 56 Resp: 98935

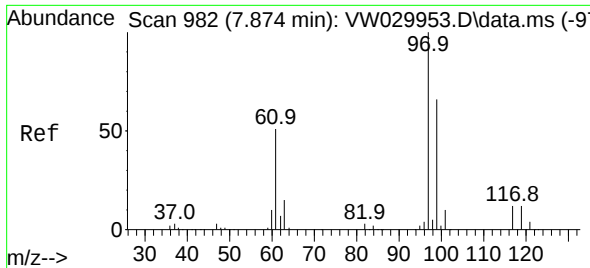
Ion Ratio Lower Upper

56 100

69 31.6 23.0 34.4

84 90.0 63.5 95.3





#30

1,1,1-Trichloroethane

Concen: 25.790 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

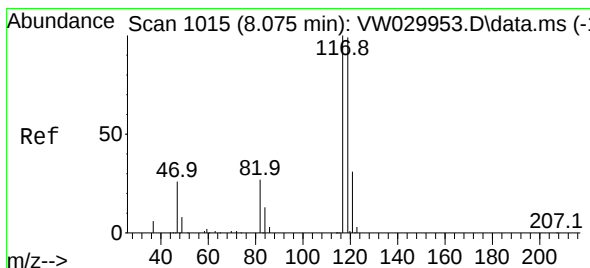
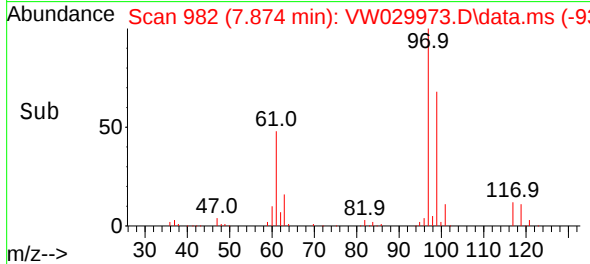
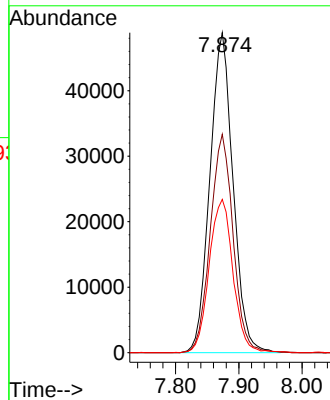
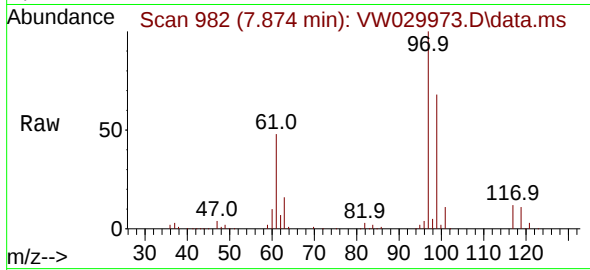
Tgt Ion: 97 Resp: 124142

Ion Ratio Lower Upper

97 100

99 67.4 52.1 78.1

61 49.1 42.6 63.8



#31

Carbon tetrachloride

Concen: 25.335 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW029973.D

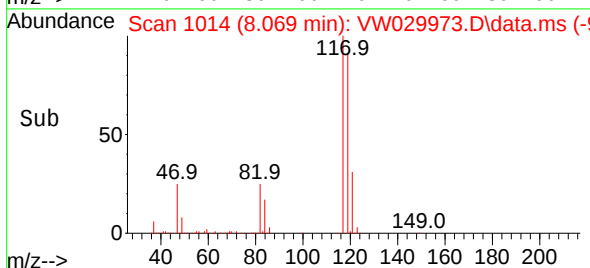
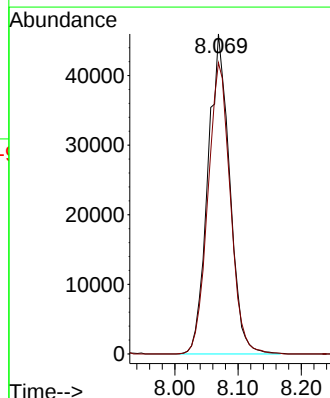
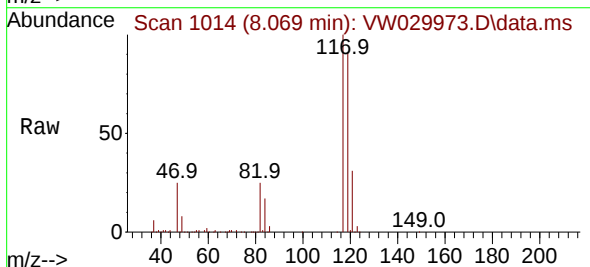
Acq: 20 Aug 2024 20:55

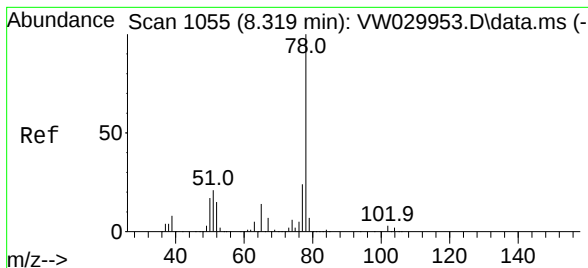
Tgt Ion: 117 Resp: 109888

Ion Ratio Lower Upper

117 100

119 93.4 74.8 112.2





#33

Benzene

Concen: 25.476 ug/L

RT: 8.325 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VW029973.D

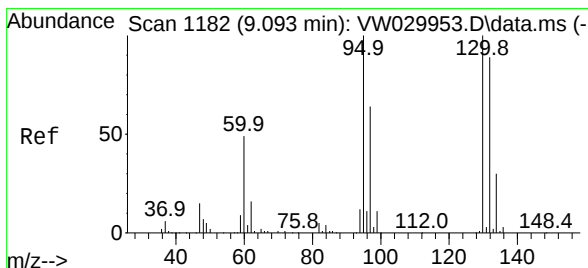
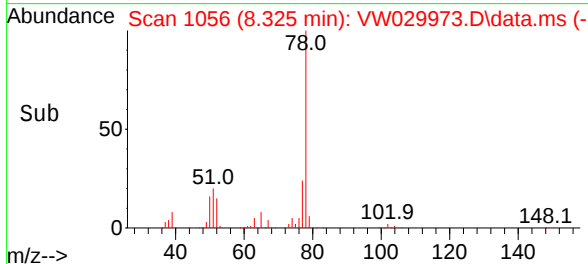
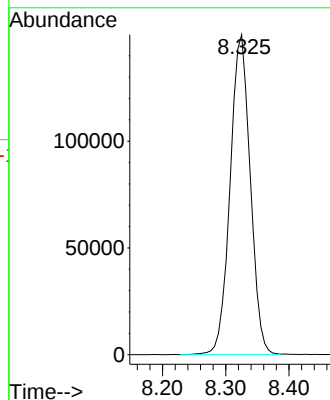
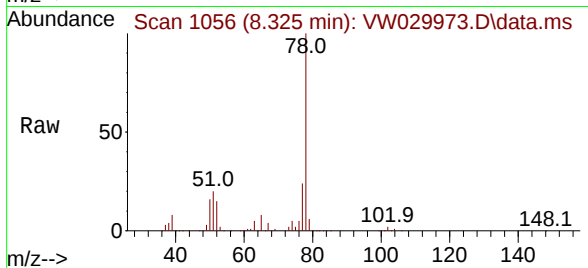
Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 331797



#34

Trichloroethene

Concen: 24.978 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Tgt Ion: 95 Resp: 85278

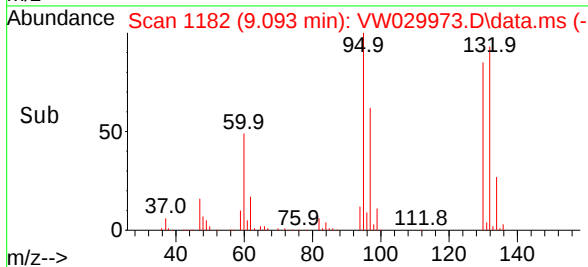
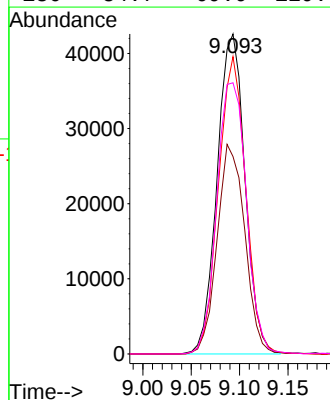
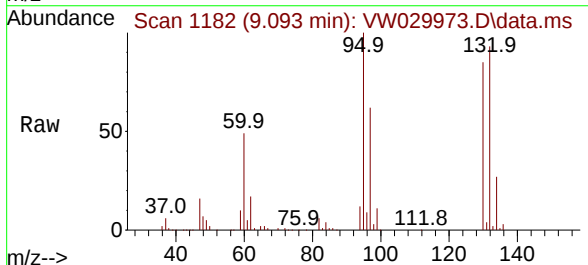
Ion Ratio Lower Upper

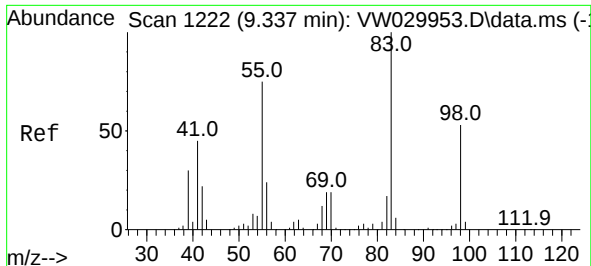
95 100

97 61.7 45.6 84.8

132 92.9 65.2 121.0

130 84.7 69.9 129.7





#35

Methylcyclohexane

Concen: 22.020 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

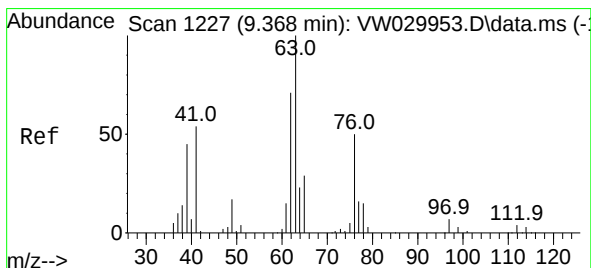
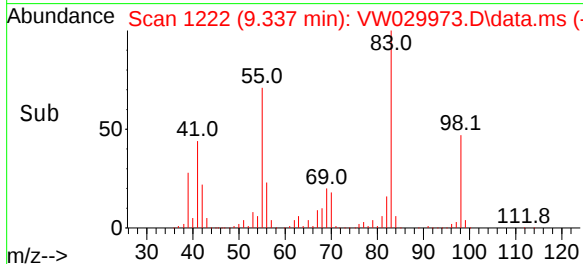
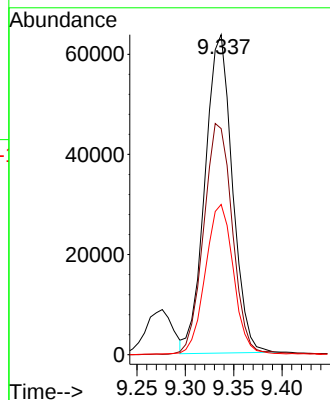
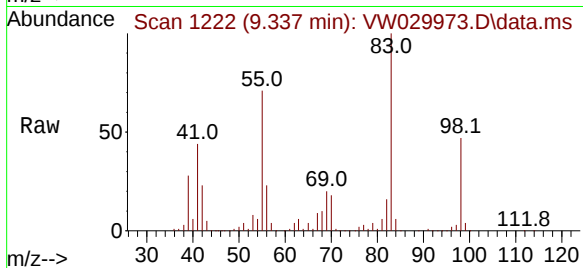
Tgt Ion: 83 Resp: 125275

Ion Ratio Lower Upper

83 100

55 75.8 67.4 101.2

98 49.1 36.7 55.1



#37

1,2-Dichloropropane

Concen: 24.287 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029973.D

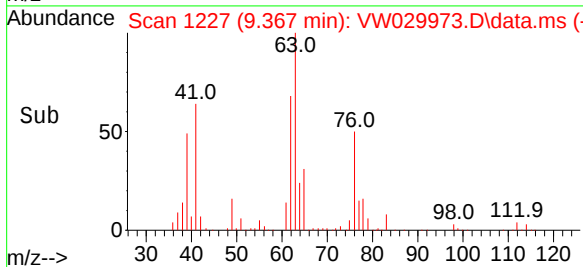
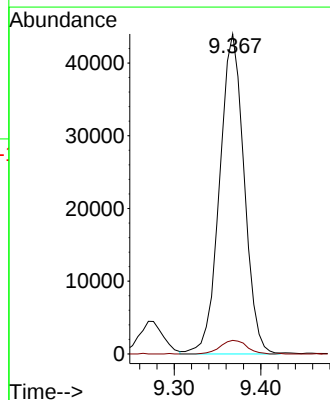
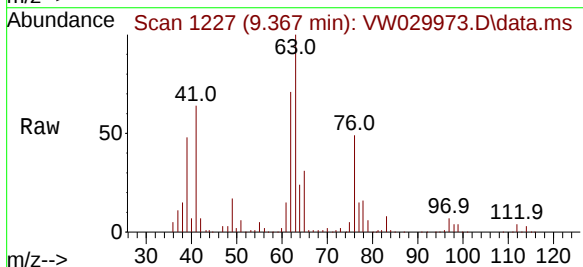
Acq: 20 Aug 2024 20:55

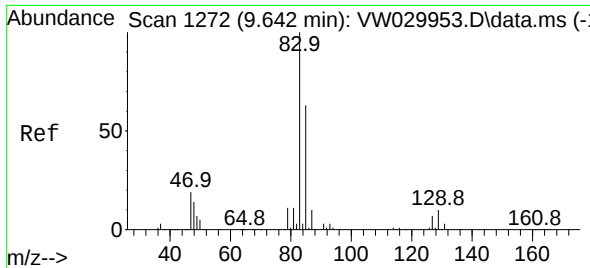
Tgt Ion: 63 Resp: 86682

Ion Ratio Lower Upper

63 100

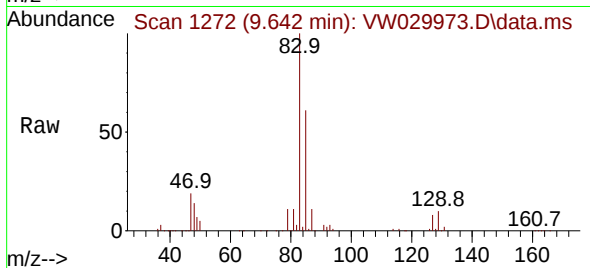
112 4.5 3.3 4.9



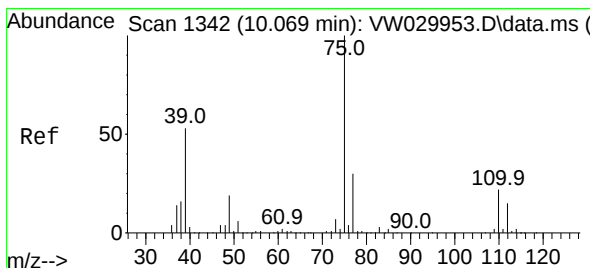
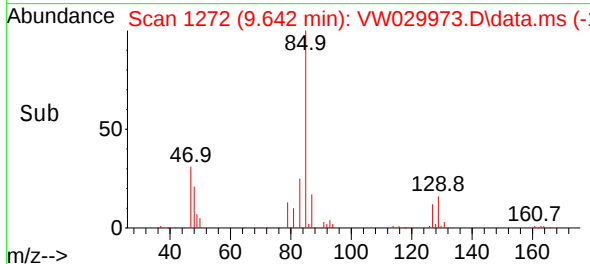
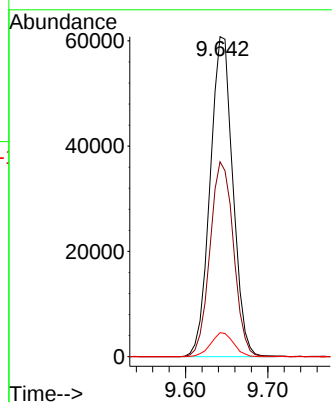


#38
Bromodichloromethane
Concen: 27.517 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

Instrument :
MSVOA_W
ClientSampleId :

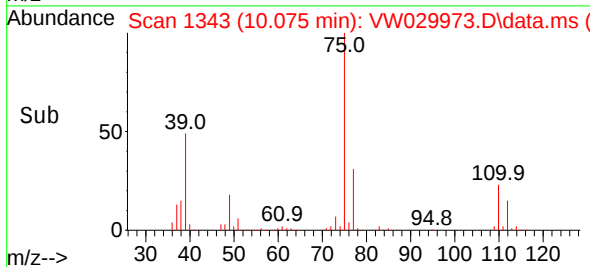
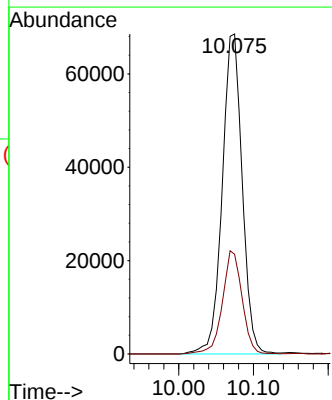
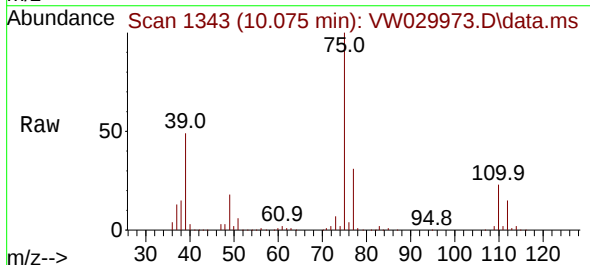


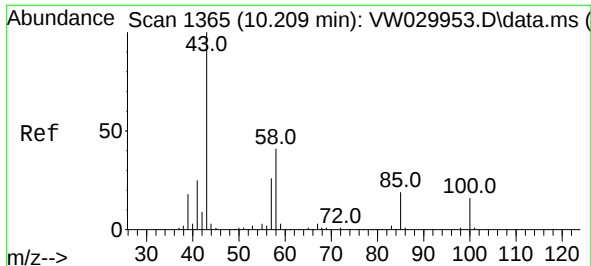
Tgt Ion: 83 Resp: 116947
Ion Ratio Lower Upper
83 100
85 60.9 46.6 86.6
127 7.5 5.9 8.9



#39
cis-1,3-Dichloropropene
Concen: 24.529 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

Tgt Ion: 75 Resp: 127496
Ion Ratio Lower Upper
75 100
77 31.2 20.8 38.6





#40

4-Methyl-2-pentanone

Concen: 38.124 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029973.D

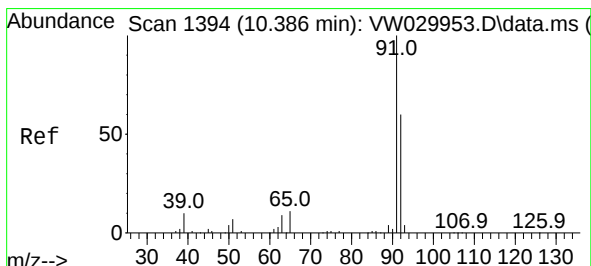
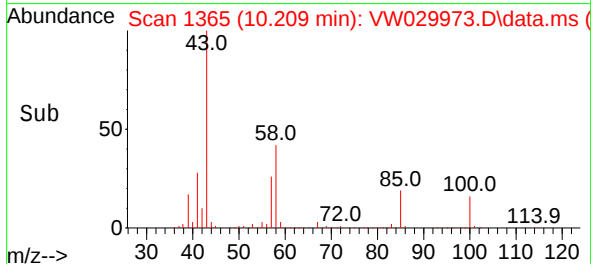
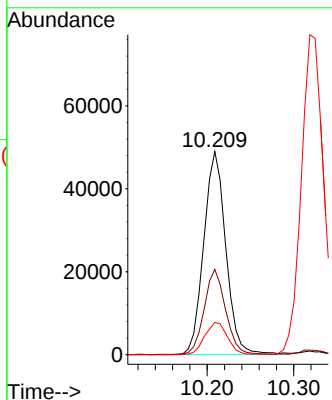
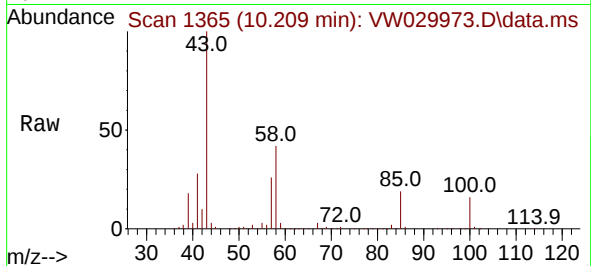
Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	43	Resp:	86425
Ion Ratio	Lower	Upper	
43	100		
58	41.1	28.7	43.1
100	16.5	10.0	15.0#



#42

Toluene

Concen: 27.108 ug/L

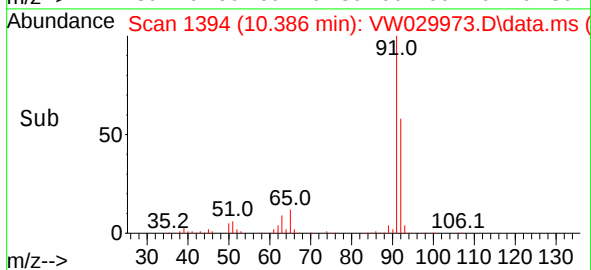
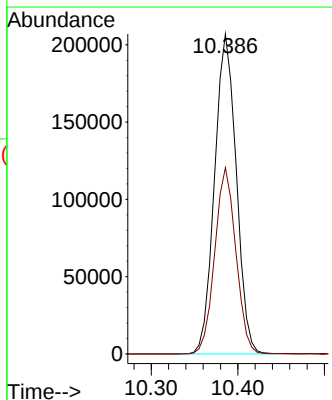
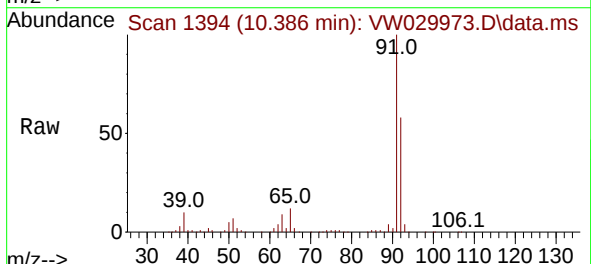
RT: 10.386 min Scan# 1394

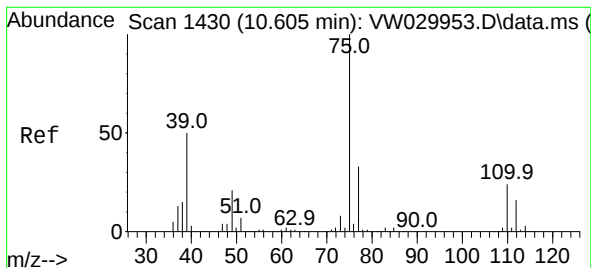
Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Tgt Ion:	91	Resp:	360370
Ion Ratio	Lower	Upper	
91	100		
92	58.2	39.5	73.4





#44

trans-1,3-Dichloropropene

Concen: 24.950 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

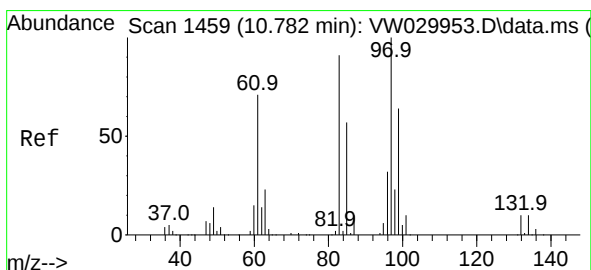
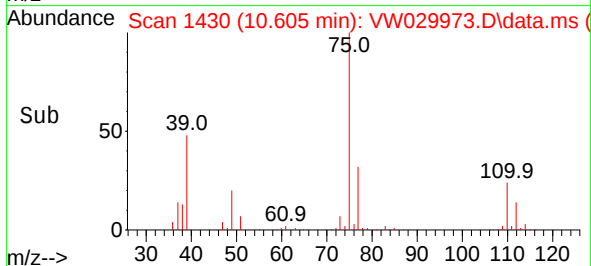
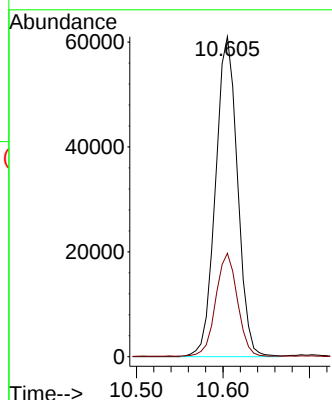
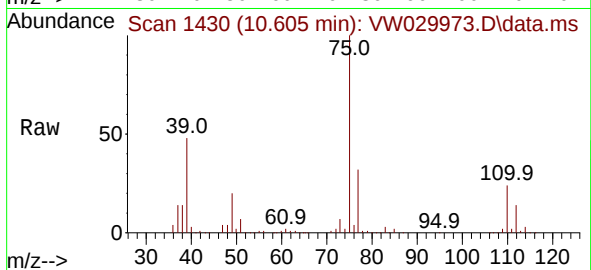
ClientSampleId :

Tgt Ion: 75 Resp: 107654

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 28.286 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Tgt Ion: 97 Resp: 67820

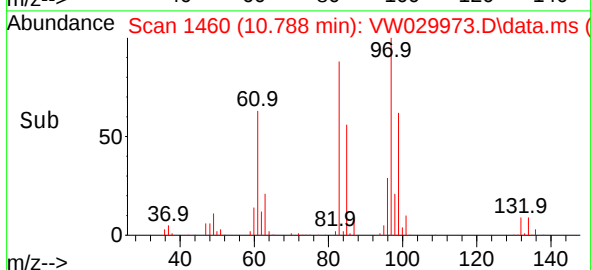
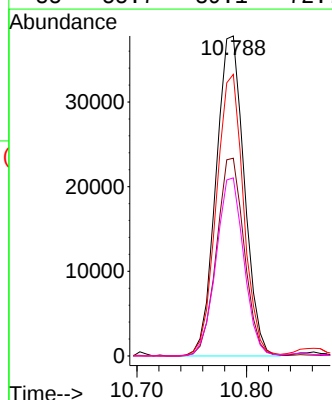
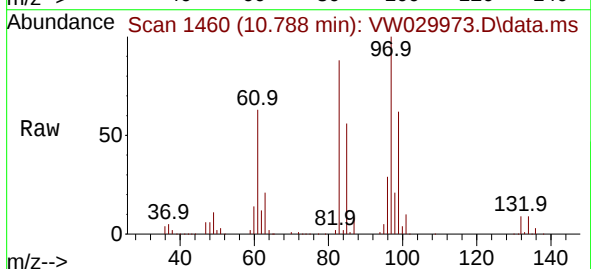
Ion Ratio Lower Upper

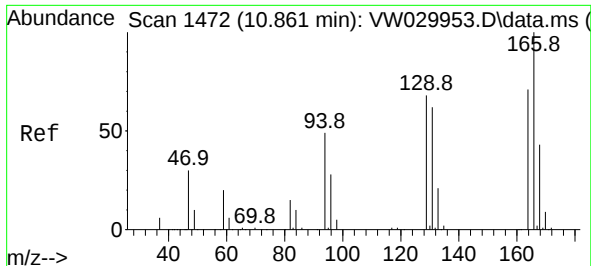
97 100

99 61.8 40.1 74.5

83 88.0 58.5 108.7

85 55.7 39.1 72.7





#46

Tetrachloroethene

Concen: 24.014 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

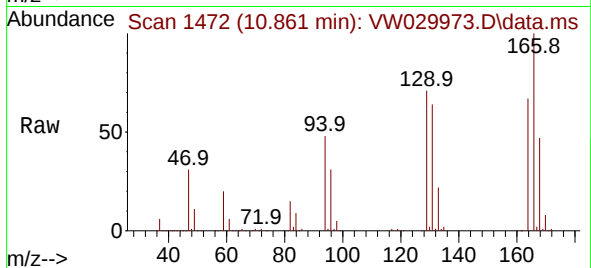
Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 59589

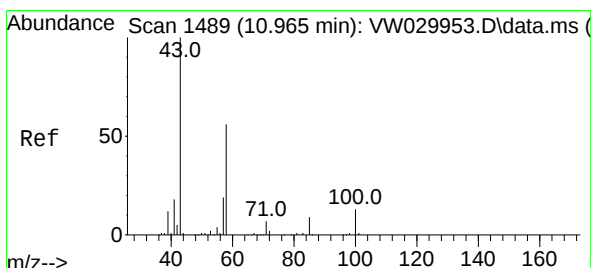
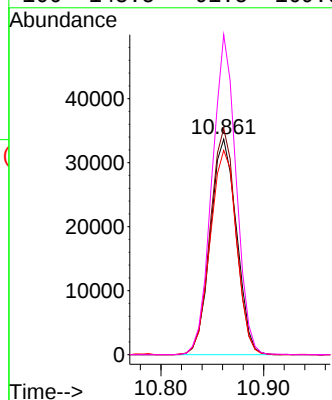
Ion Ratio Lower Upper

164 100

129 105.1 77.8 144.6

131 94.8 70.9 131.7

166 148.5 91.5 169.9



#48

2-Hexanone

Concen: 36.364 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Tgt Ion: 43 Resp: 61741

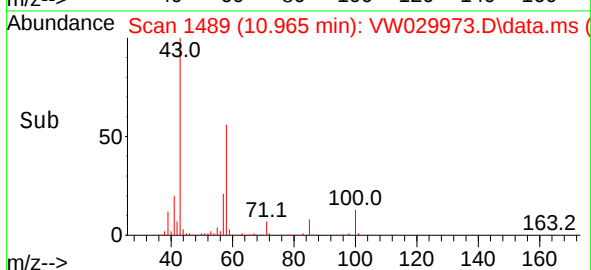
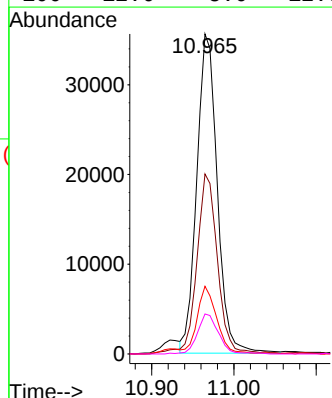
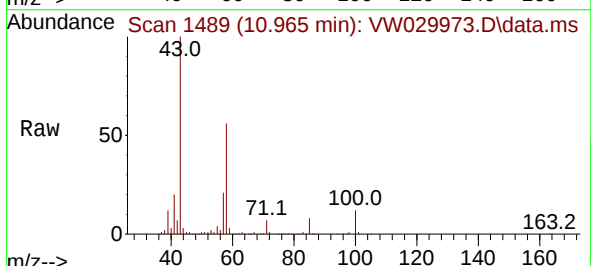
Ion Ratio Lower Upper

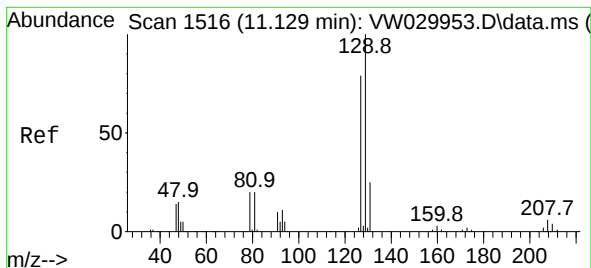
43 100

58 54.0 41.0 61.4

57 20.3 14.1 21.1

100 12.6 8.0 12.0#





#49

Dibromochloromethane

Concen: 28.129 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

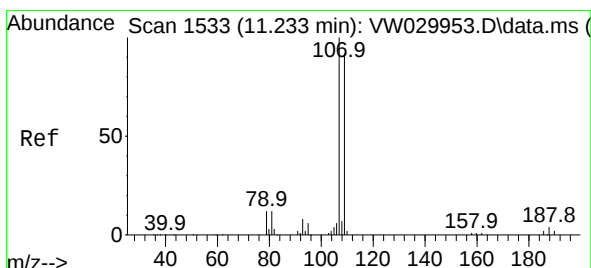
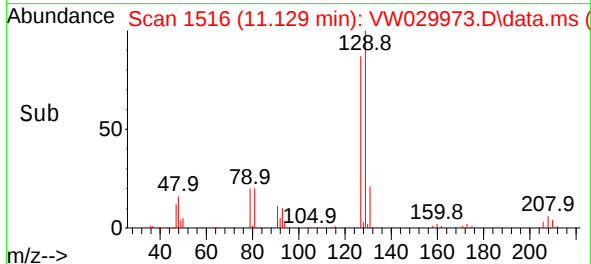
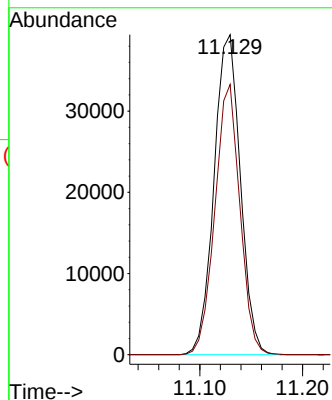
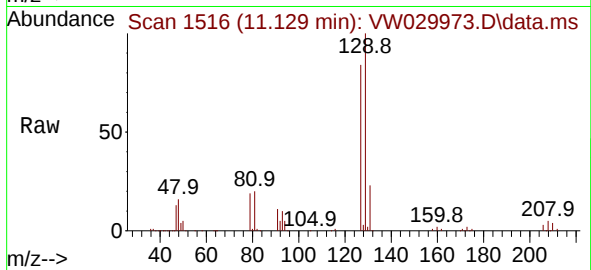
ClientSampleId :

Tgt Ion:129 Resp: 70015

Ion Ratio Lower Upper

129 100

127 84.5 52.4 97.2



#50

1,2-Dibromoethane

Concen: 27.006 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

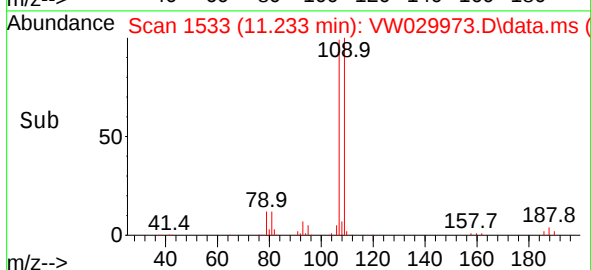
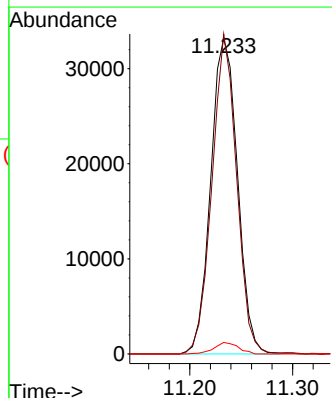
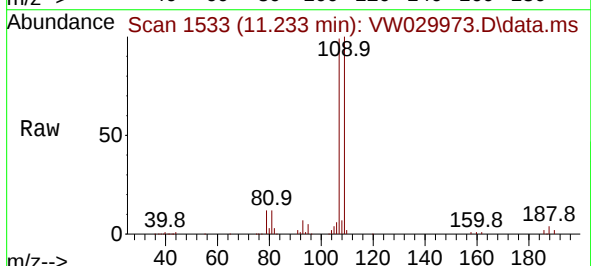
Tgt Ion:107 Resp: 59912

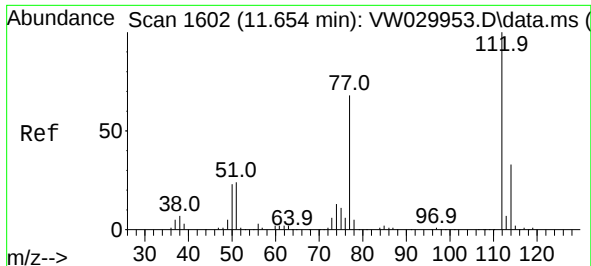
Ion Ratio Lower Upper

107 100

109 101.4 64.8 120.3

188 3.6 2.7 4.1





#51

Chlorobenzene

Concen: 26.783 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

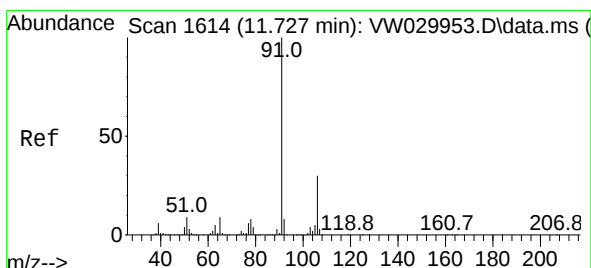
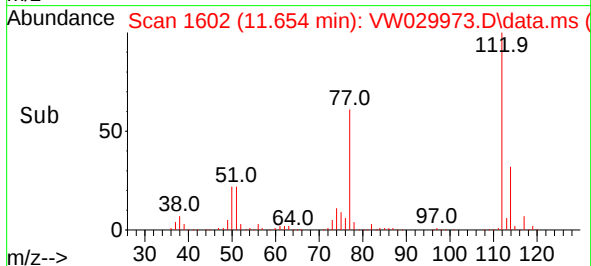
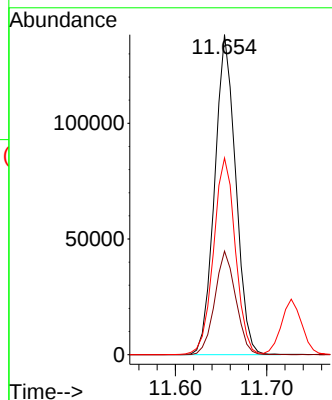
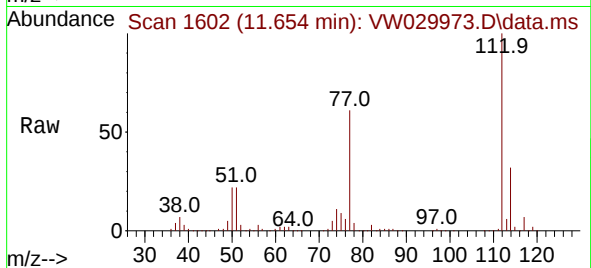
Tgt Ion:112 Resp: 221466

Ion Ratio Lower Upper

112 100

114 32.4 22.0 40.8

77 61.5 53.8 80.8



#52

Ethylbenzene

Concen: 27.352 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW029973.D

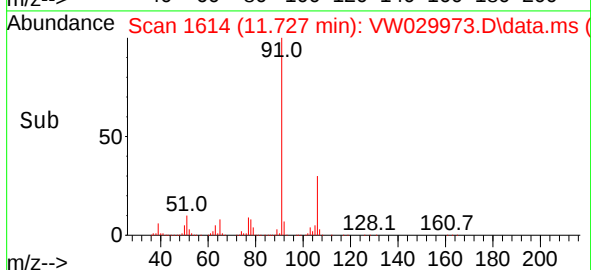
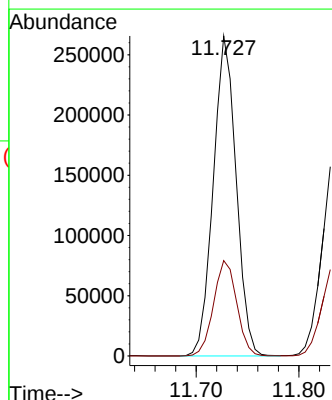
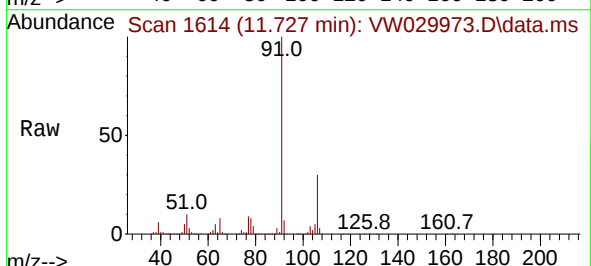
Acq: 20 Aug 2024 20:55

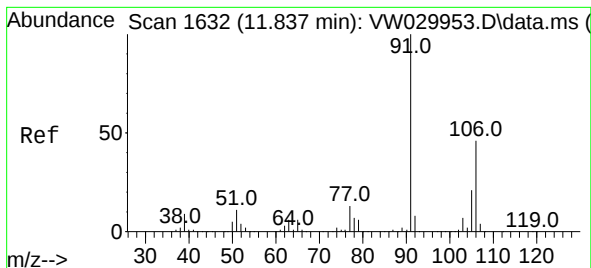
Tgt Ion: 91 Resp: 410151

Ion Ratio Lower Upper

91 100

106 29.8 20.4 38.0





#53

m,p-Xylene

Concen: 27.118 ug/L

RT: 11.837 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

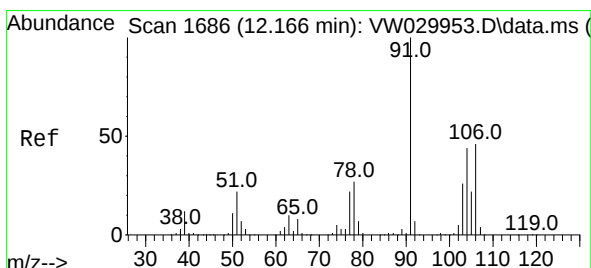
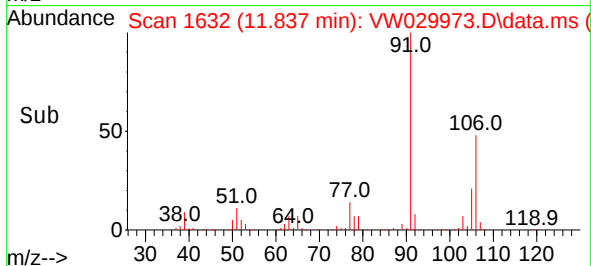
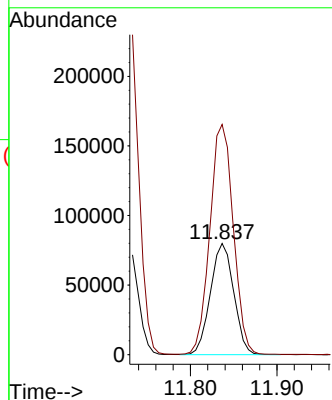
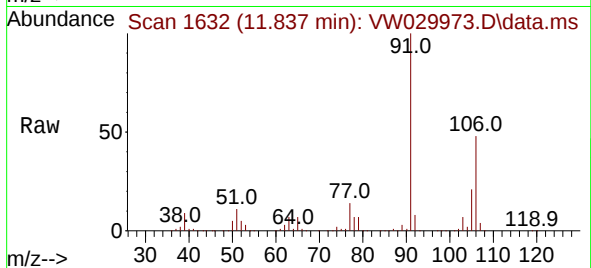
ClientSampleId :

Tgt Ion:106 Resp: 149555

Ion Ratio Lower Upper

106 100

91 207.0 151.4 281.2



#54

o-Xylene

Concen: 27.830 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW029973.D

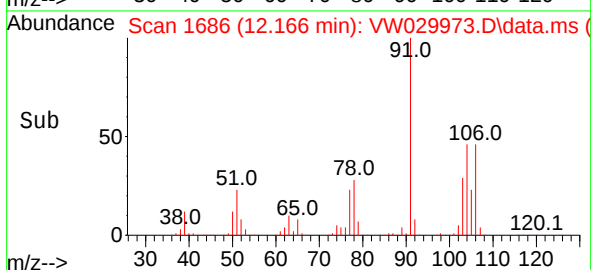
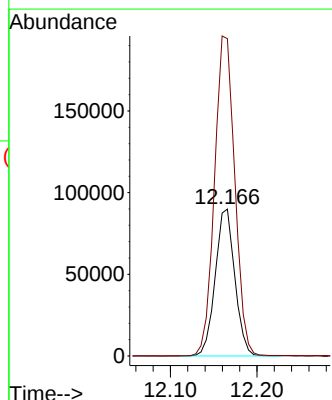
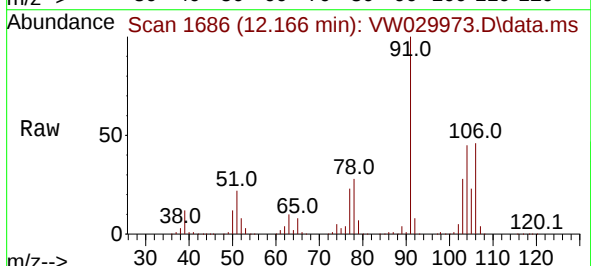
Acq: 20 Aug 2024 20:55

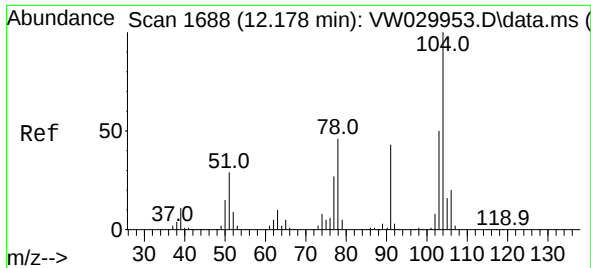
Tgt Ion:106 Resp: 141337

Ion Ratio Lower Upper

106 100

91 216.1 155.8 289.4

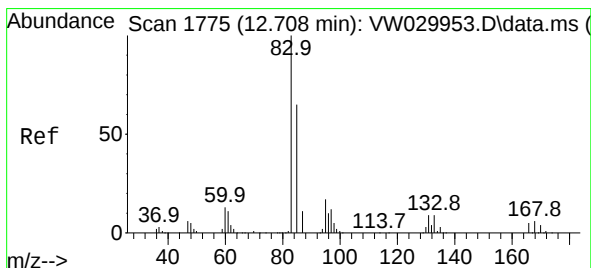
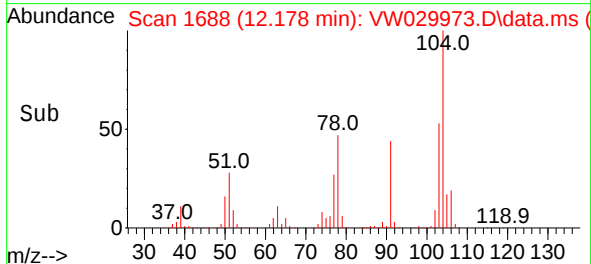
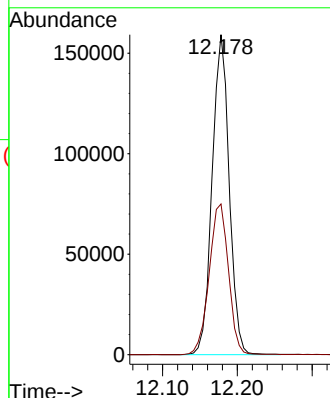
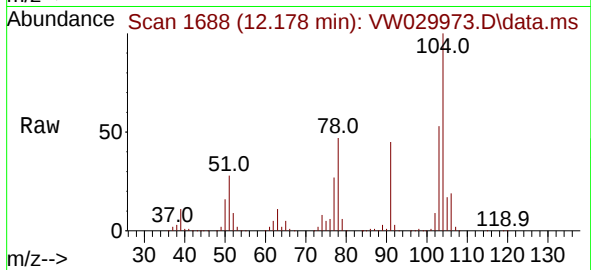




#55
Styrene
Concen: 28.660 ug/L
RT: 12.178 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

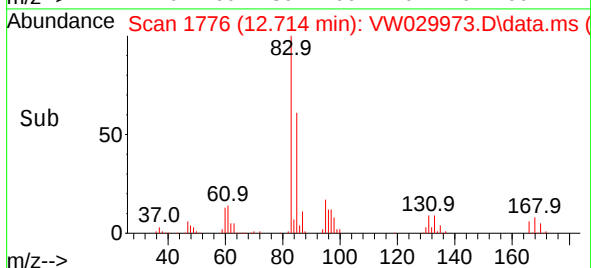
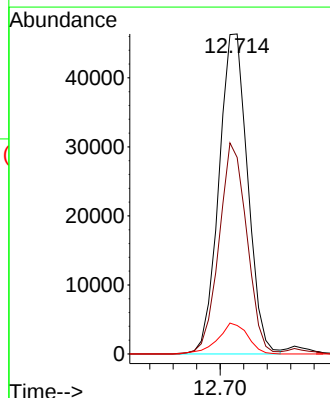
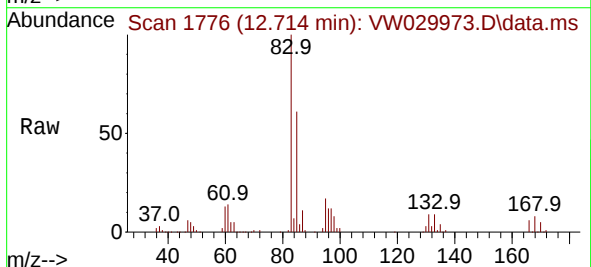
Instrument :
MSVOA_W
ClientSampleId :

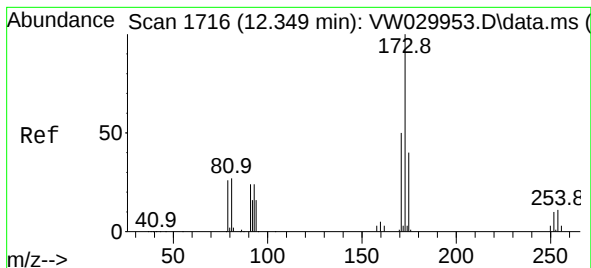
Tgt Ion:104 Resp: 252295
Ion Ratio Lower Upper
104 100
78 47.1 33.3 61.9



#57
1,1,2,2-Tetrachloroethane
Concen: 26.774 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW029973.D
Acq: 20 Aug 2024 20:55

Tgt Ion: 83 Resp: 78793
Ion Ratio Lower Upper
83 100
85 61.4 44.2 82.0
131 8.9 6.2 9.2





#59

Bromoform

Concen: 25.840 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW029973.D

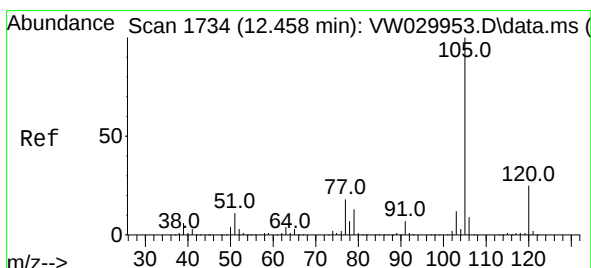
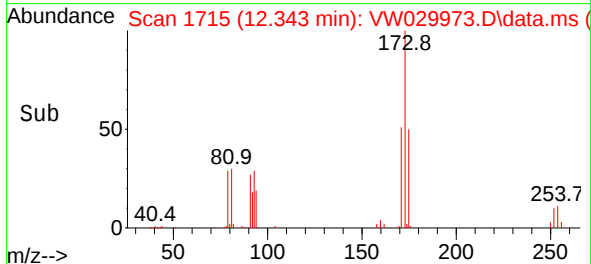
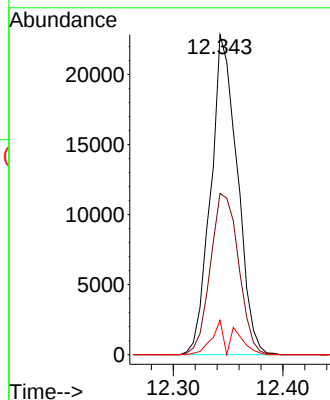
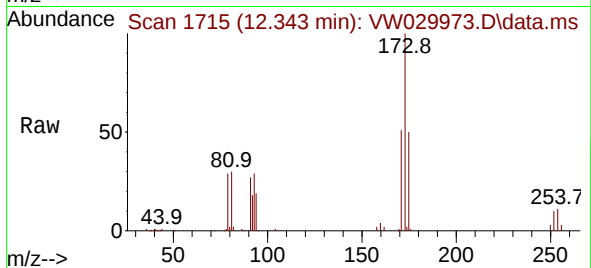
Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	38444
Ion Ratio	Lower	Upper
173	100	
175	53.6	38.1 57.1
254	4.6	7.8 11.6#



#60

Isopropylbenzene

Concen: 25.345 ug/L

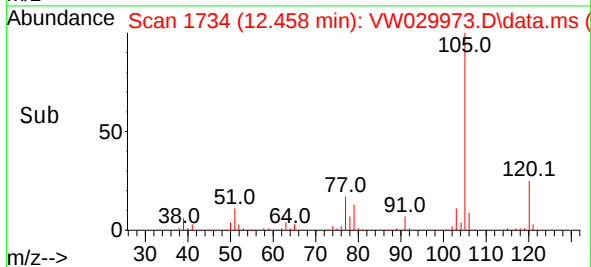
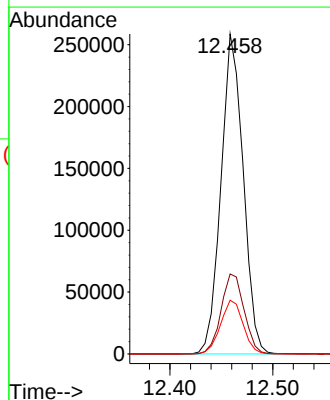
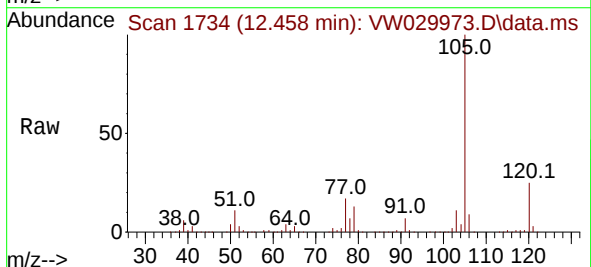
RT: 12.458 min Scan# 1734

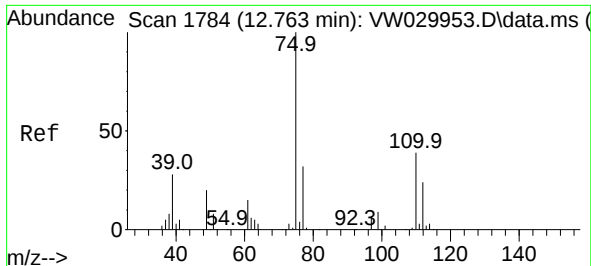
Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Tgt Ion:105	Resp:	387781
Ion Ratio	Lower	Upper
105	100	
120	25.9	20.3 30.5
77	17.1	14.0 21.0





#61

1,2,3-Trichloropropane

Concen: 22.972 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029973.D

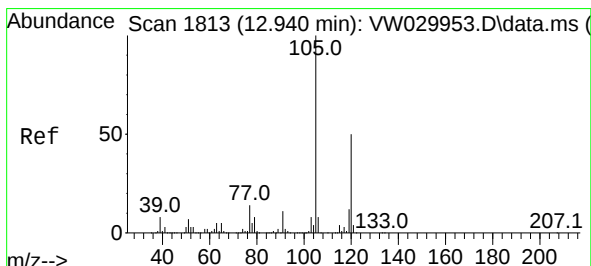
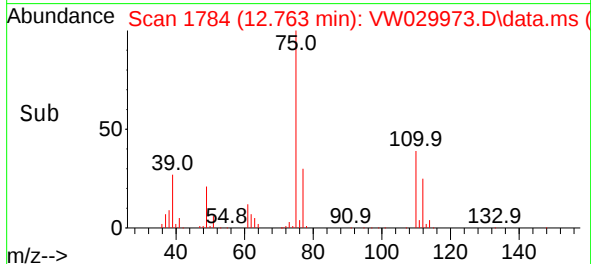
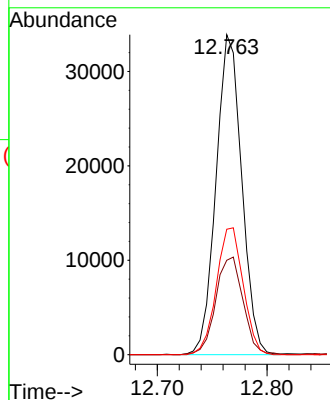
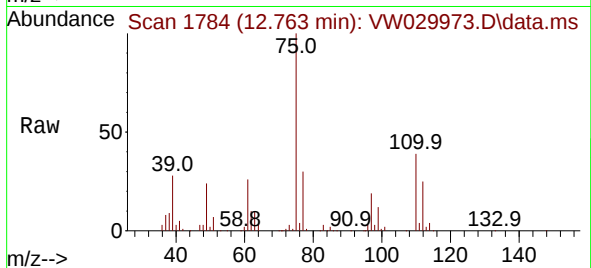
Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	55241
Ion Ratio	Lower	Upper	
75	100		
77	32.4	25.4	38.0
110	41.3	28.6	43.0



#62

1,3,5-Trimethylbenzene

Concen: 27.881 ug/L

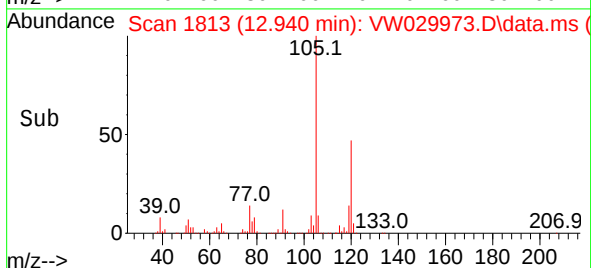
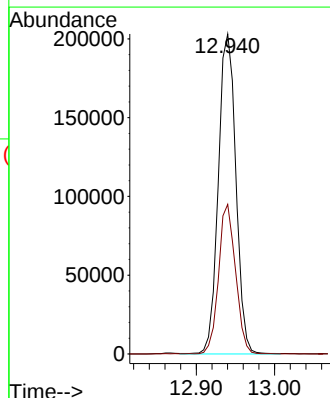
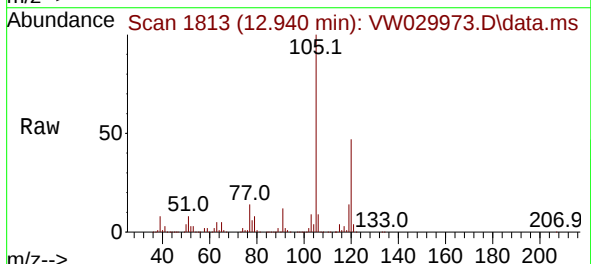
RT: 12.940 min Scan# 1813

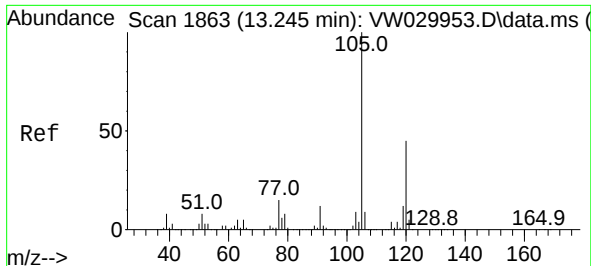
Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Tgt Ion:	105	Resp:	317069
Ion Ratio	Lower	Upper	
105	100		
120	44.9	38.2	57.2





#63

1,2,4-Trimethylbenzene

Concen: 26.294 ug/L

RT: 13.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

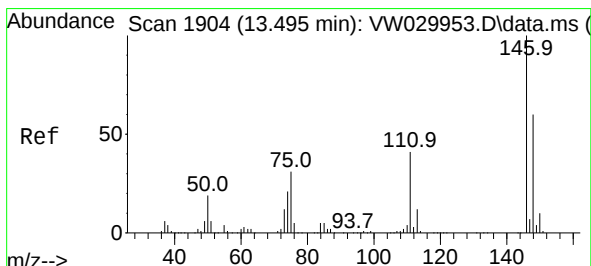
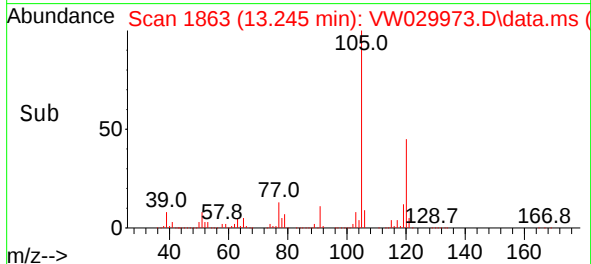
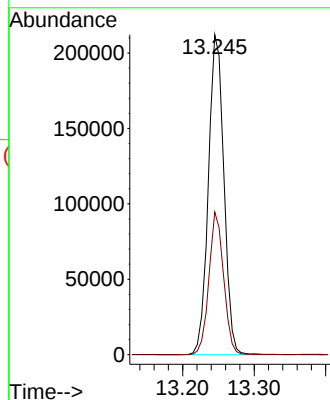
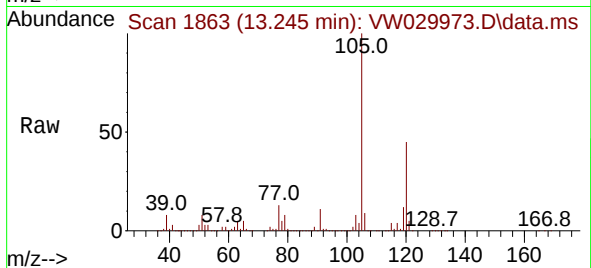
ClientSampleId :

Tgt Ion:105 Resp: 319796

Ion Ratio Lower Upper

105 100

120 42.3 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 26.138 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

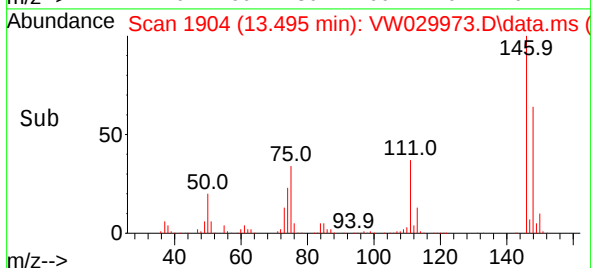
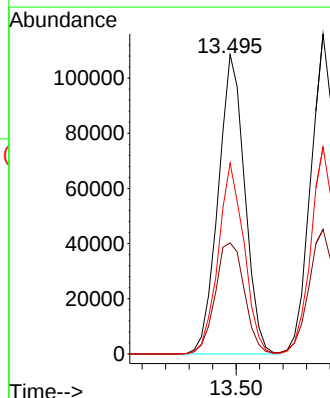
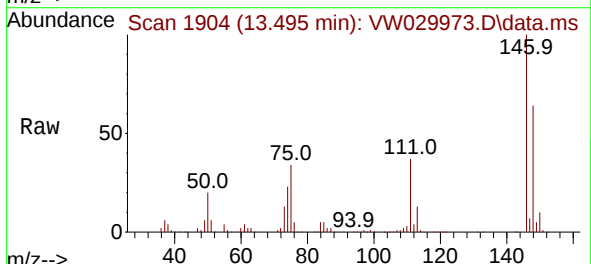
Tgt Ion:146 Resp: 170625

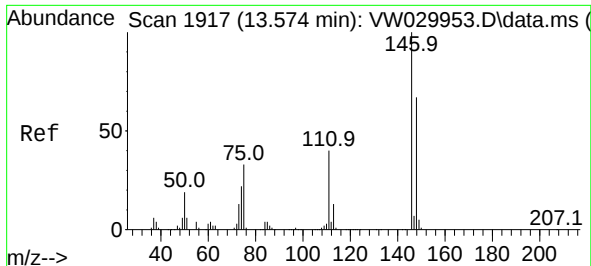
Ion Ratio Lower Upper

146 100

111 37.1 28.7 53.3

148 63.8 43.4 80.6





#65

1,4-Dichlorobenzene

Concen: 25.910 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

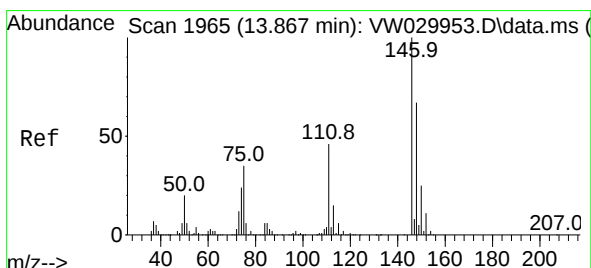
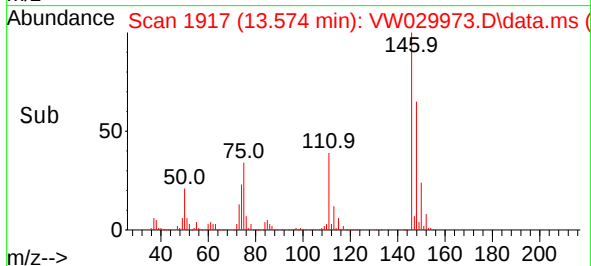
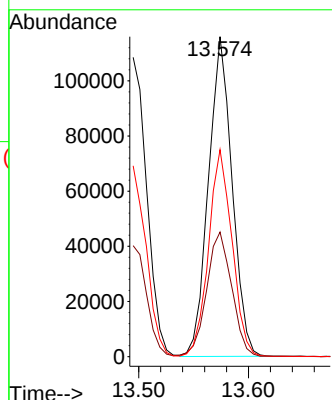
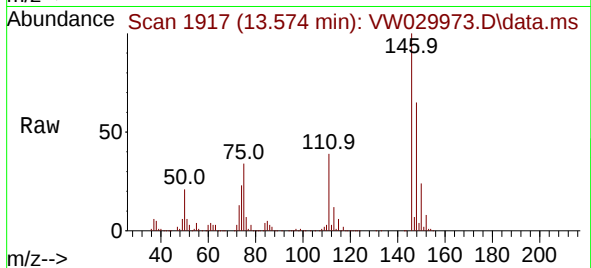
Tgt Ion:146 Resp: 173736

Ion Ratio Lower Upper

146 100

111 39.0 30.1 55.9

148 64.7 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 25.767 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

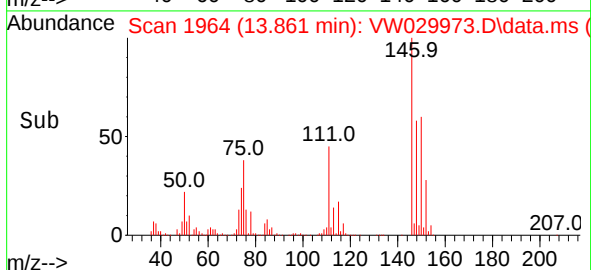
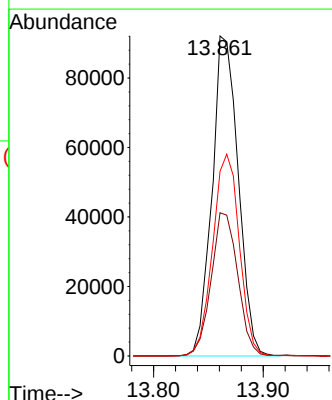
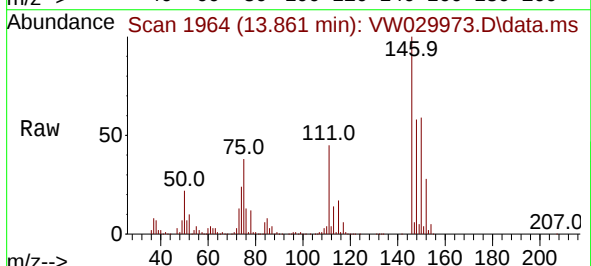
Tgt Ion:146 Resp: 153135

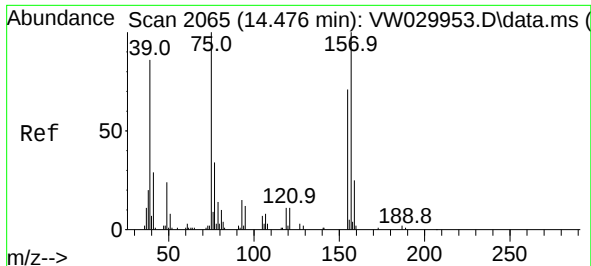
Ion Ratio Lower Upper

146 100

111 44.8 35.8 53.8

148 57.7 52.6 78.8





#68

1,2-Dibromo-3-chloropropane

Concen: 22.003 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029973.D

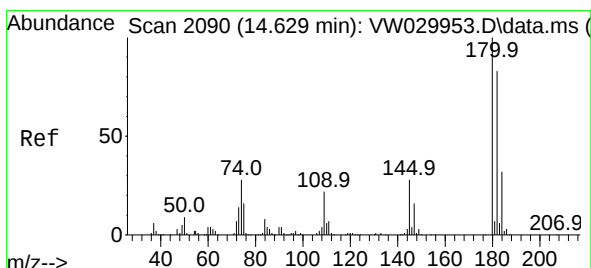
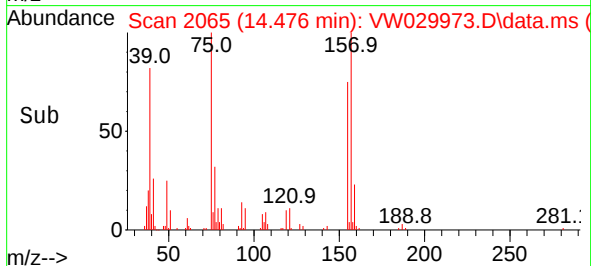
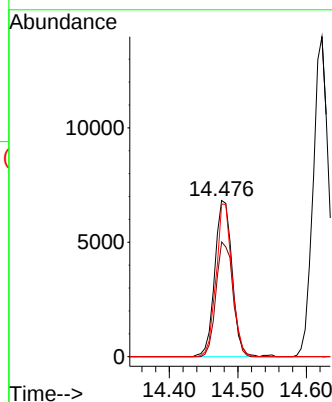
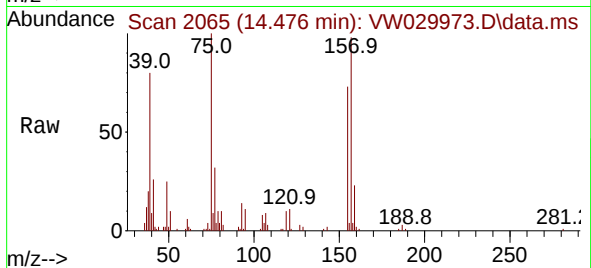
Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	12014
Ion	Ratio	Lower	Upper
75	100		
155	73.4	47.8	71.6#
157	97.7	63.7	95.5#



#69

1,3,5-Trichlorobenzene

Concen: 25.323 ug/L

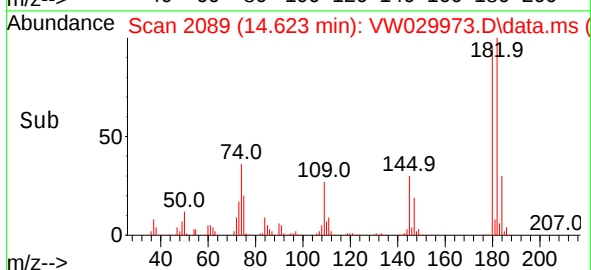
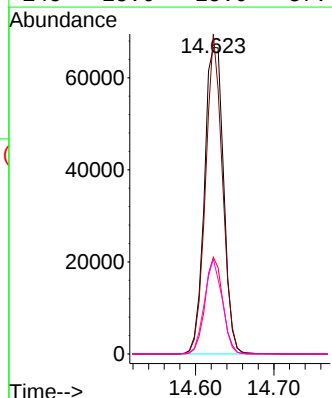
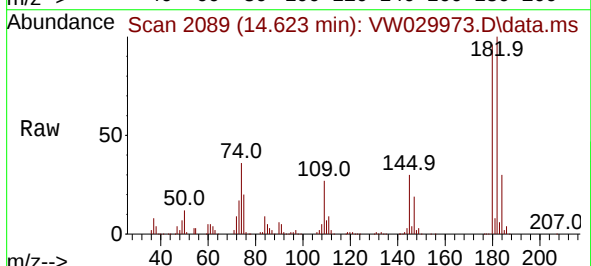
RT: 14.623 min Scan# 2089

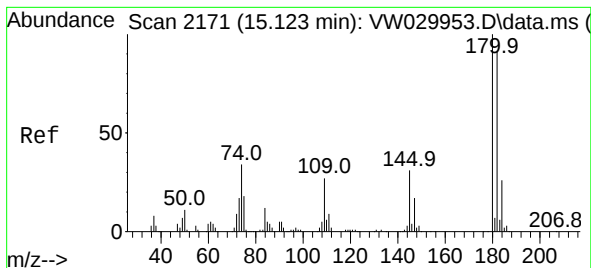
Delta R.T. -0.006 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Tgt Ion:	180	Resp:	113098
Ion	Ratio	Lower	Upper
180	100		
182	91.7	72.7	109.1
184	29.0	23.3	34.9
145	28.6	25.0	37.4





#70

1,2,4-trichlorobenzene

Concen: 23.874 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

Instrument :

MSVOA_W

ClientSampleId :

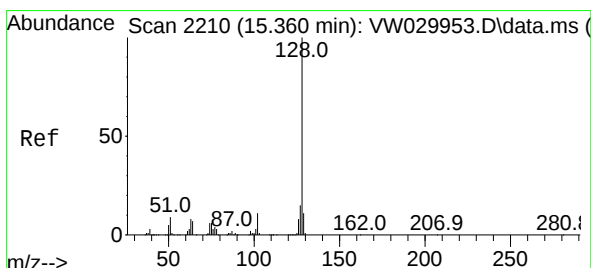
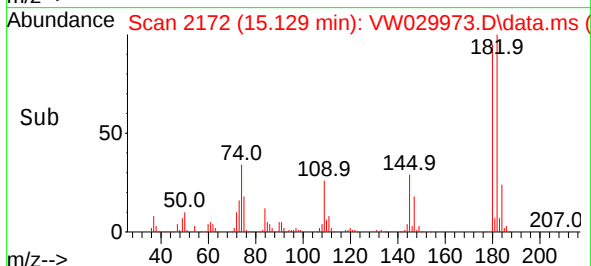
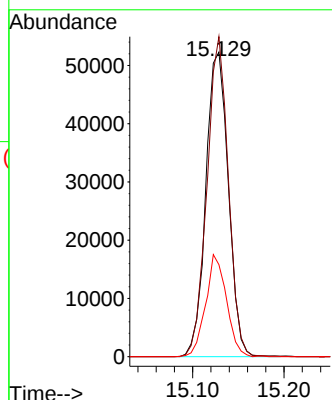
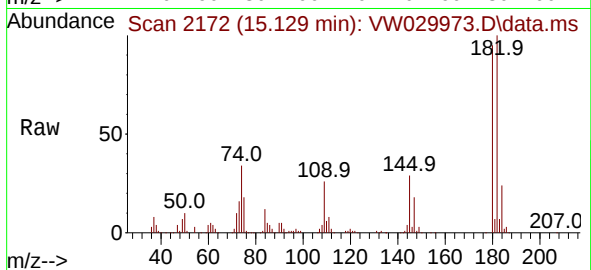
Tgt Ion:180 Resp: 89829

Ion Ratio Lower Upper

180 100

182 99.6 80.2 120.4

145 30.9 26.3 39.5



#71

Naphthalene

Concen: 25.092 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029973.D

Acq: 20 Aug 2024 20:55

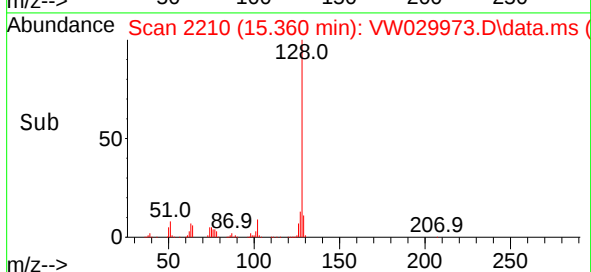
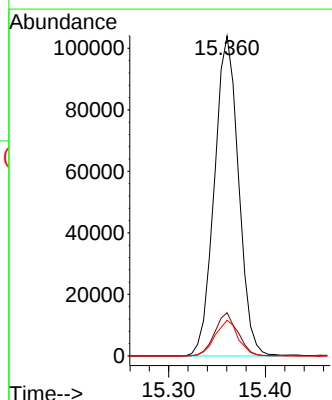
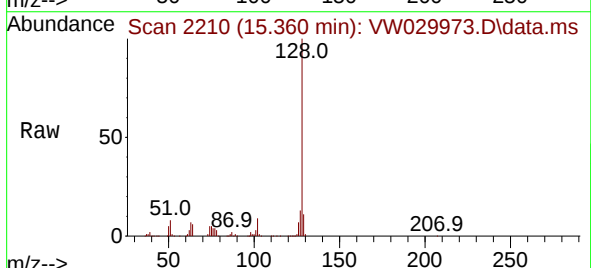
Tgt Ion:128 Resp: 180150

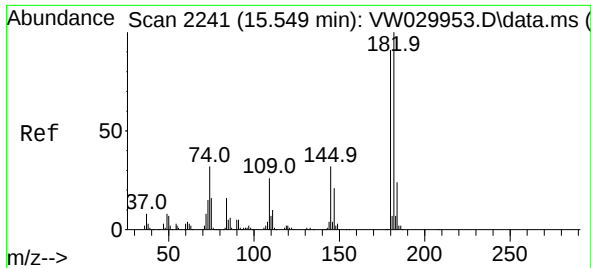
Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

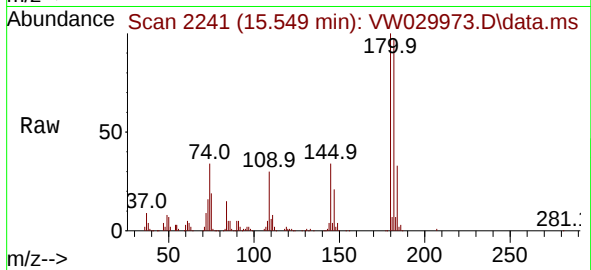
129 10.7 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 25.120 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029973.D
 Acq: 20 Aug 2024 20:55

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	85549
Ion Ratio	Lower	Upper	
180	100		
182	95.9	74.0	111.0
145	34.2	27.5	41.3

