

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062824\
 Data File : VW029414.D
 Acq On : 28 Jun 2024 21:34
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/11mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 02:17:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	255693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	236484	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	120913	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	53973	15.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.000%
7) Chloroethane-d5	2.899	69	48368	16.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.720%
11) 1,1-Dichloroethene-d2	4.027	65	28826	16.869	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.480%
21) 2-Butanone-d5	7.075	46	46629	44.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.080%
24) Chloroform-d	7.648	84	152339	19.973	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.880%
26) 1,2-Dichloroethane-d4	8.307	65	86583	19.771	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.080%
32) Benzene-d6	8.276	84	289878	20.181	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.720%
36) 1,2-Dichloropropane-d6	9.270	67	94970	20.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.200%
41) Toluene-d8	10.319	98	254136	19.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	10.575	79	36985	20.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.400%
47) 2-Hexanone-d5	10.922	63	32119	44.873	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76717	21.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	88745	21.145	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	42017	16.843	ug/L	91
3) Chloromethane	2.223	50	60936	17.131	ug/L	97
5) Vinyl chloride	2.375	62	70902	17.358	ug/L	98
6) Bromomethane	2.789	94	43597	17.758	ug/L	96
8) Chloroethane	2.936	64	46238	18.507	ug/L	96
9) Trichlorofluoromethane	3.265	101	66962	21.144	ug/L	100
12) 1,1-Dichloroethene	4.051	96	61264	20.678	ug/L #	76
13) Acetone	4.125	43	34904	38.789	ug/L	98
14) Carbon disulfide	4.393	76	171556	17.738	ug/L	98
15) Methyl Acetate	4.673	43	38007	21.276	ug/L	99
16) Methylene chloride	4.923	84	84961	18.897	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	68583	20.844	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	122634	23.296	ug/L	98
19) 1,1-Dichloroethane	6.216	63	153651	21.622	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	80770	22.261	ug/L	99
22) 2-Butanone	7.173	43	49673	40.270	ug/L	99
23) Bromochloromethane	7.514	128	34712	21.491	ug/L	93
25) Chloroform	7.679	83	154252	22.229	ug/L	99
27) 1,2-Dichloroethane	8.398	62	107472	21.000	ug/L	99

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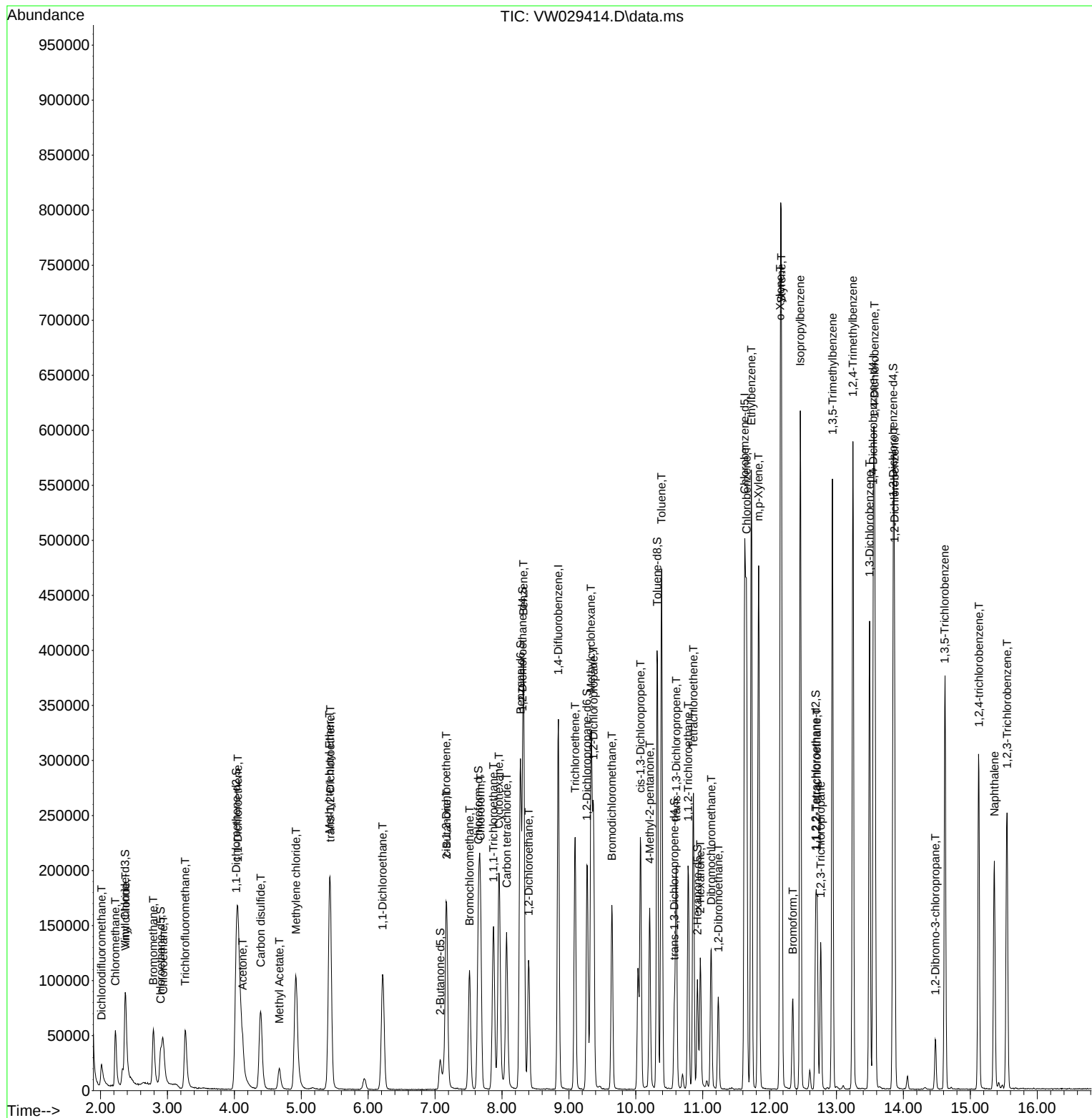
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	111854	20.690	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	117132	22.274	ug/L	97
31) Carbon tetrachloride	8.069	117	102352	21.307	ug/L	96
33) Benzene	8.319	78	318567	22.420	ug/L	100
34) Trichloroethene	9.093	95	80010	21.106	ug/L	96
35) Methylcyclohexane	9.331	83	122951	20.623	ug/L	98
37) 1,2-Dichloropropane	9.368	63	90709	22.719	ug/L	98
38) Bromodichloromethane	9.642	83	110188	22.572	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	129120	22.877	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	110194	44.528	ug/L	99
42) Toluene	10.386	91	329175	22.535	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	106356	22.317	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	61167	21.996	ug/L	95
46) Tetrachloroethene	10.861	164	57400	21.660	ug/L	81
48) 2-Hexanone	10.965	43	76984	43.841	ug/L	98
49) Dibromochloromethane	11.129	129	65607	22.570	ug/L	96
50) 1,2-Dibromoethane	11.233	107	55131	22.086	ug/L #	98
51) Chlorobenzene	11.654	112	211494	22.296	ug/L	99
52) Ethylbenzene	11.727	91	376832	22.726	ug/L	99
53) m,p-Xylene	11.837	106	139473	23.028	ug/L	95
54) o-Xylene	12.160	106	135011	23.852	ug/L	97
55) Styrene	12.178	104	239352	24.252	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	73534	21.378	ug/L	97
59) Bromoform	12.349	173	36162	21.821	ug/L	99
60) Isopropylbenzene	12.458	105	377949	23.459	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53668	20.350	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	278709	23.886	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	304785	24.278	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	157844	22.639	ug/L	90
65) 1,4-Dichlorobenzene	13.568	146	157793	21.271	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	150311	23.320	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	11924	19.374	ug/L	95
69) 1,3,5-Trichlorobenzene	14.617	180	104724	22.256	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	91634	24.023	ug/L	93
71) Naphthalene	15.360	128	170149	22.601	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	78106	22.473	ug/L	97

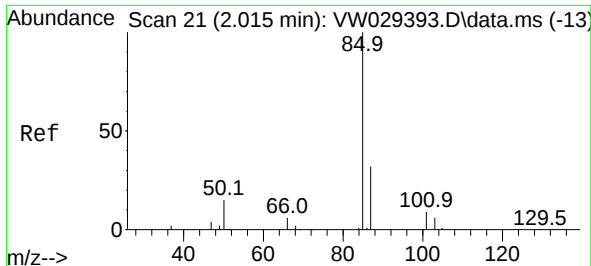
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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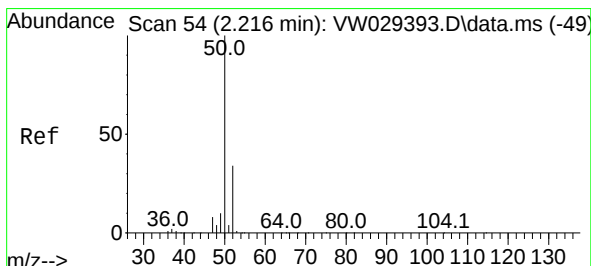
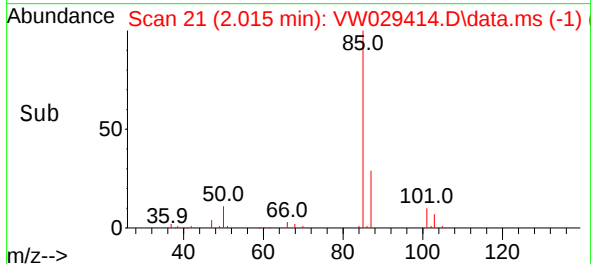
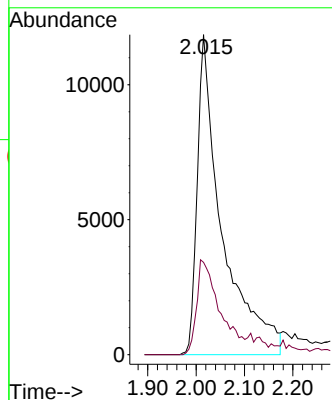
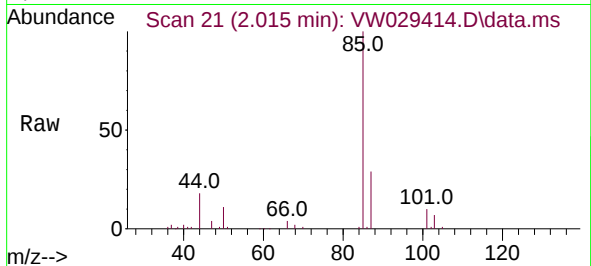




#2
Dichlorodifluoromethane
Concen: 16.843 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

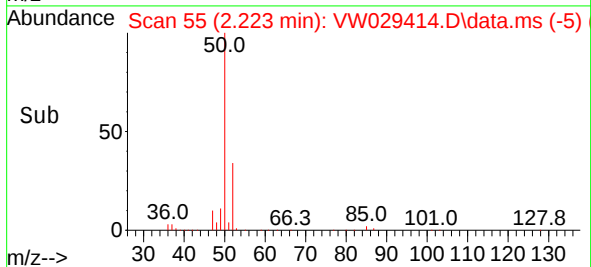
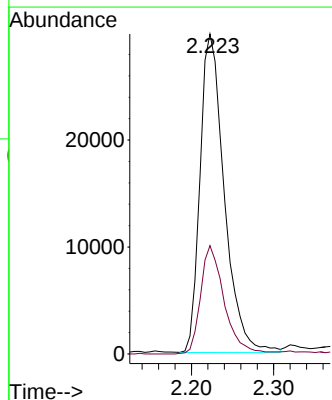
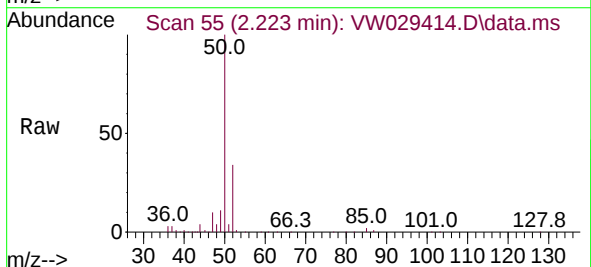
Instrument :
MSVOA_W
ClientSampleId :

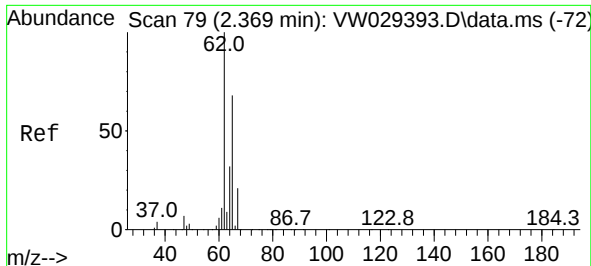
Tgt Ion: 85 Resp: 42017
Ion Ratio Lower Upper
85 100
87 24.8 23.8 35.6



#3
Chloromethane
Concen: 17.131 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

Tgt Ion: 50 Resp: 60936
Ion Ratio Lower Upper
50 100
52 33.8 22.3 41.5

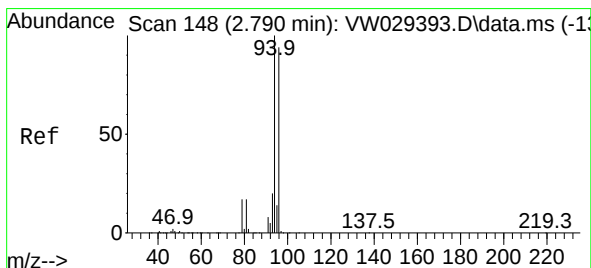
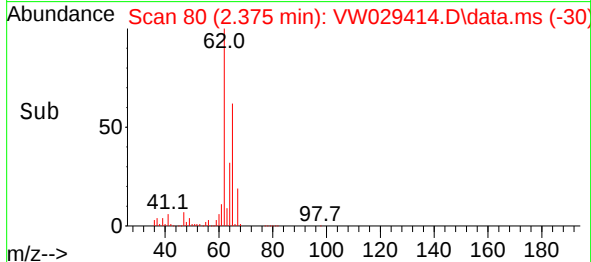
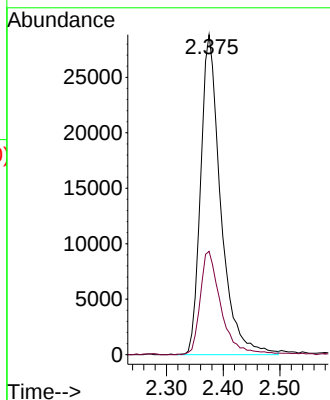
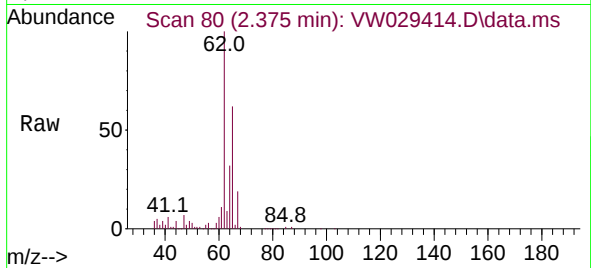




#5
 Vinyl chloride
 Concen: 17.358 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029414.D
 Acq: 28 Jun 2024 21:34

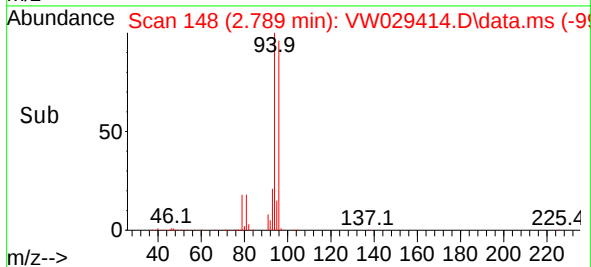
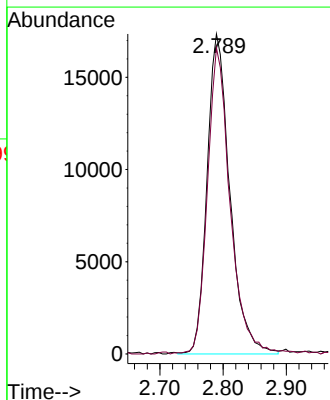
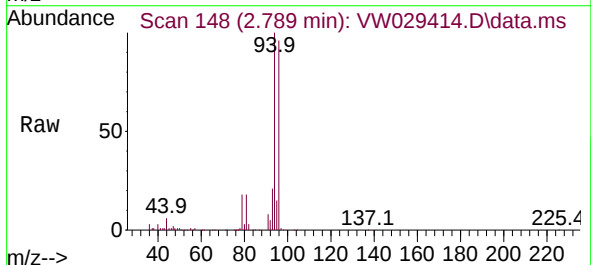
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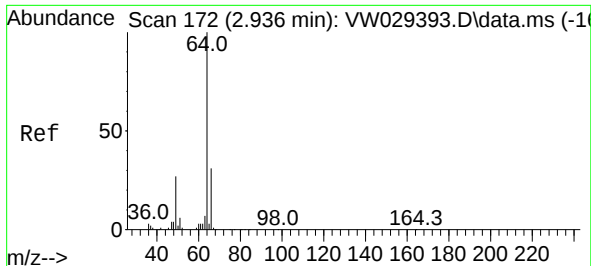
Tgt Ion: 62 Resp: 70902
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.0 40.8



#6
 Bromomethane
 Concen: 17.758 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029414.D
 Acq: 28 Jun 2024 21:34

Tgt Ion: 94 Resp: 43597
 Ion Ratio Lower Upper
 94 100
 96 95.7 69.5 129.1

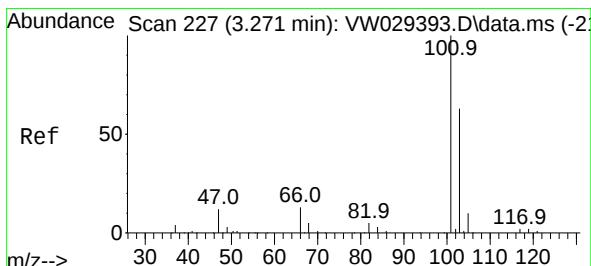
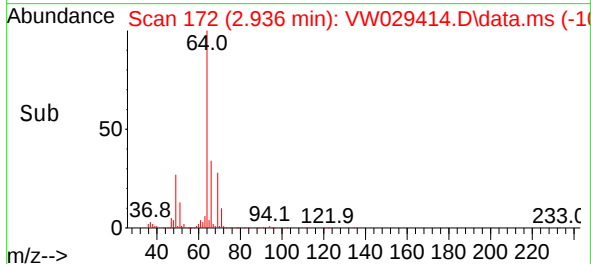
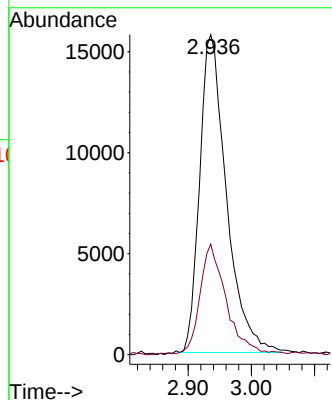
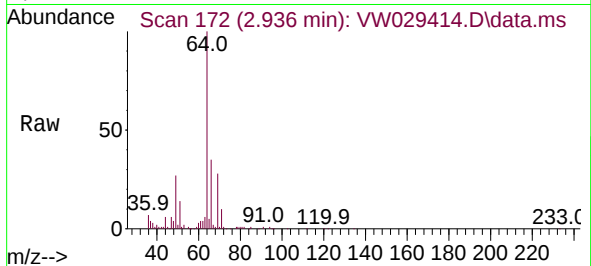




#8
Chloroethane
Concen: 18.507 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

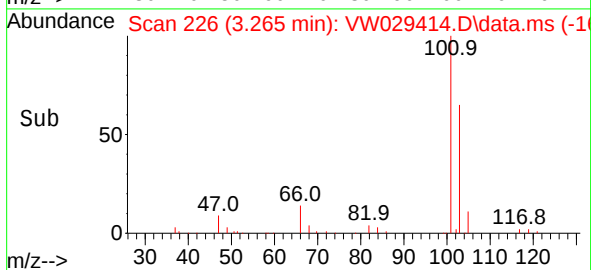
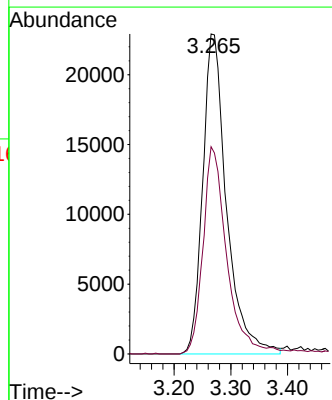
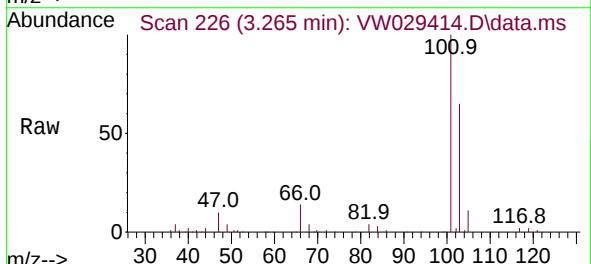
Instrument :
MSVOA_W
ClientSampleId :

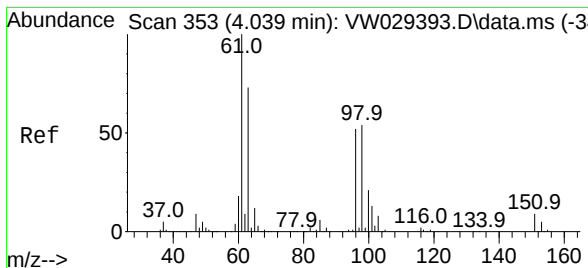
Tgt Ion: 64 Resp: 46238
Ion Ratio Lower Upper
64 100
66 34.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.144 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

Tgt Ion:101 Resp: 66962
Ion Ratio Lower Upper
101 100
103 63.4 50.8 76.2





#12

1,1-Dichloroethene

Concen: 20.678 ug/L

RT: 4.051 min Scan# 353

Delta R.T. 0.012 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

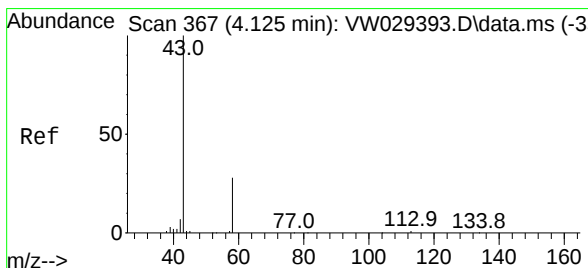
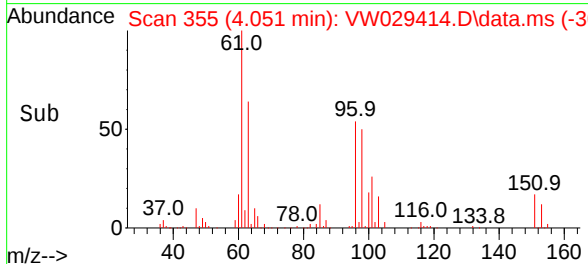
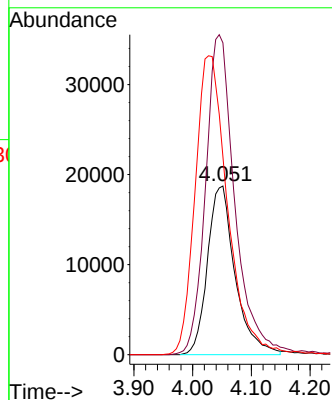
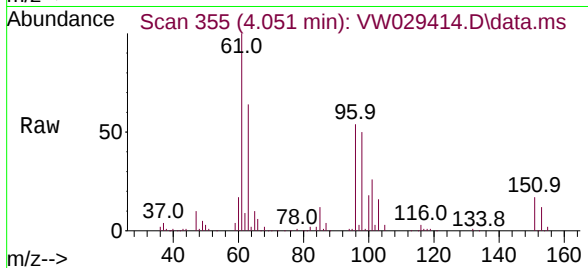
Tgt Ion: 96 Resp: 61264

Ion Ratio Lower Upper

96 100

61 184.9 140.1 260.3

63 117.5 122.0 226.6#



#13

Acetone

Concen: 38.789 ug/L

RT: 4.125 min Scan# 367

Delta R.T. -0.000 min

Lab File: VW029414.D

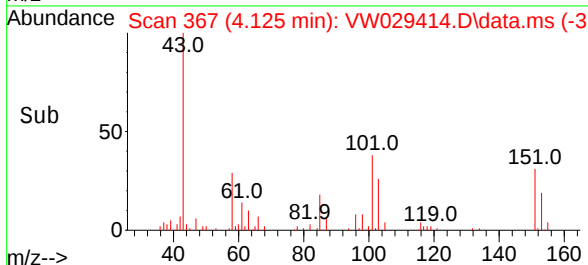
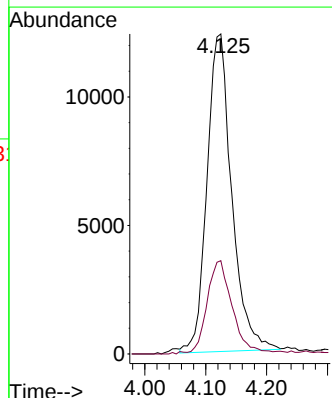
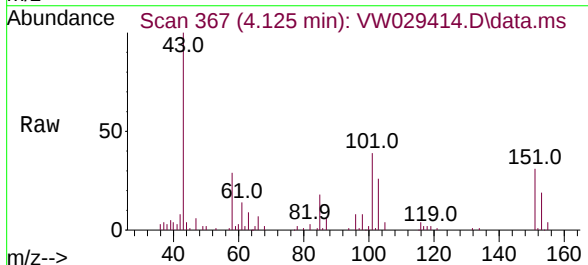
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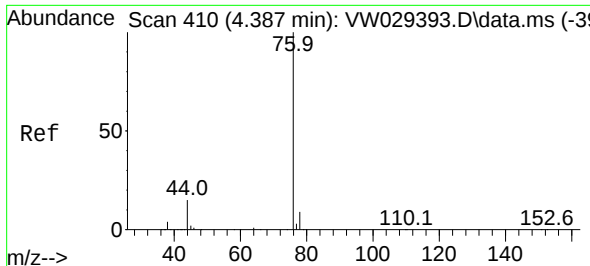
Tgt Ion: 43 Resp: 34904

Ion Ratio Lower Upper

43 100

58 29.5 0.0 61.4

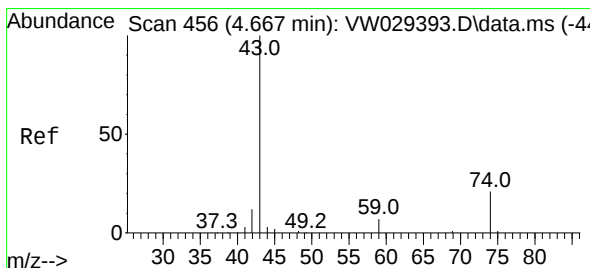
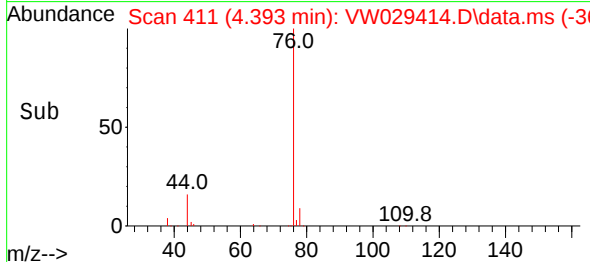
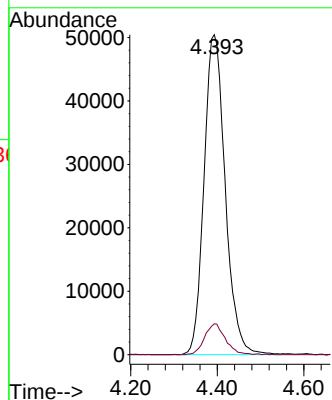
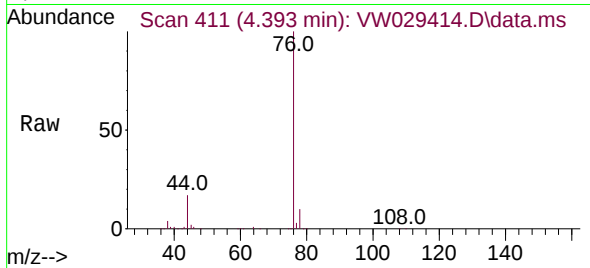




#14
Carbon disulfide
Concen: 17.738 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

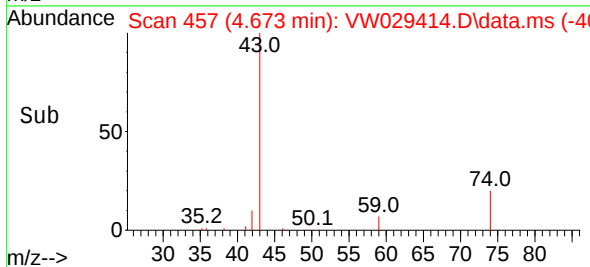
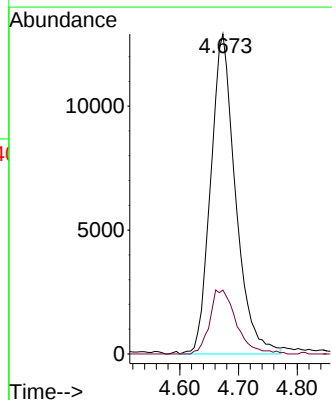
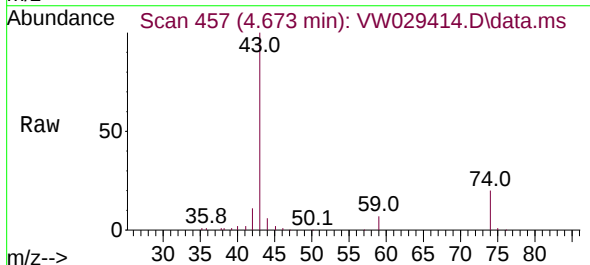
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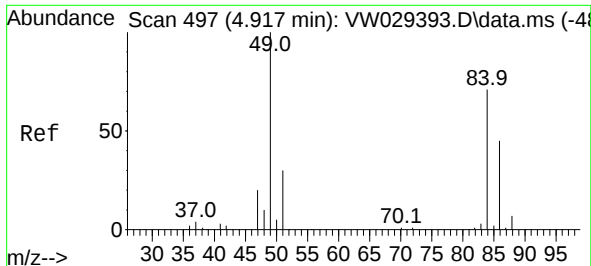
Tgt Ion: 76 Resp: 171556
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#15
Methyl Acetate
Concen: 21.276 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 38007
Ion Ratio Lower Upper
43 100
74 21.0 16.6 25.0

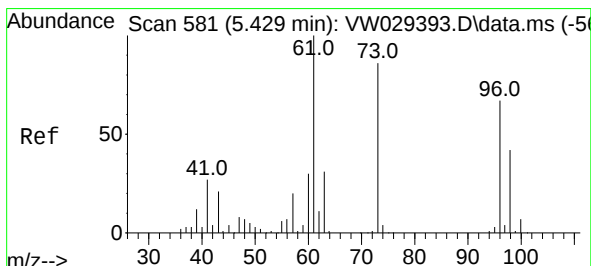
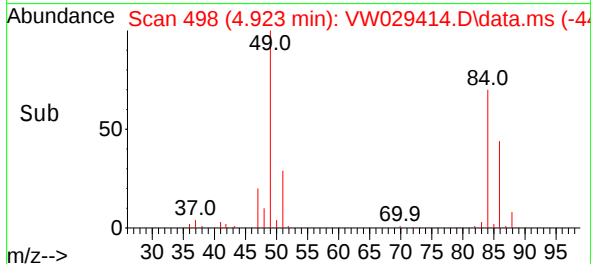
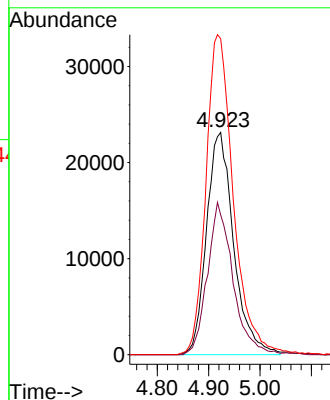
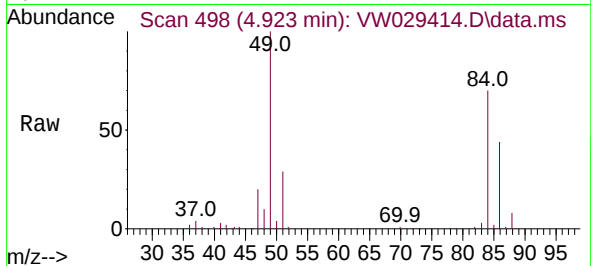




#16
Methylene chloride
Concen: 18.897 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

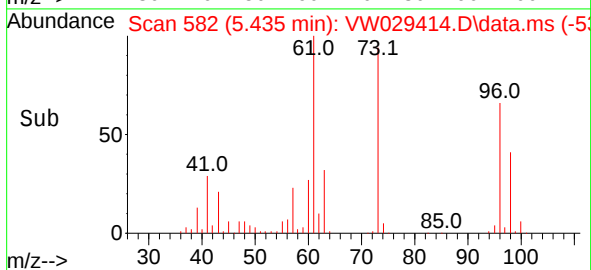
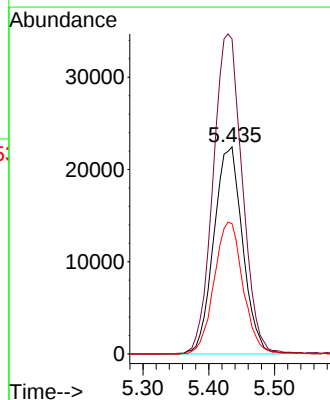
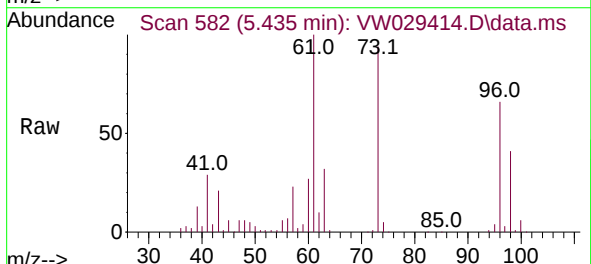
Instrument :
MSVOA_W
ClientSampleId :

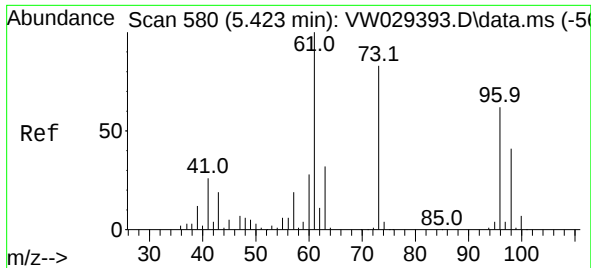
Tgt Ion: 84 Resp: 84961
Ion Ratio Lower Upper
84 100
86 62.9 41.4 77.0
49 142.2 95.7 177.7



#17
trans-1,2-Dichloroethene
Concen: 20.844 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

Tgt Ion: 96 Resp: 68583
Ion Ratio Lower Upper
96 100
61 152.1 101.5 188.5
98 62.9 43.3 80.3

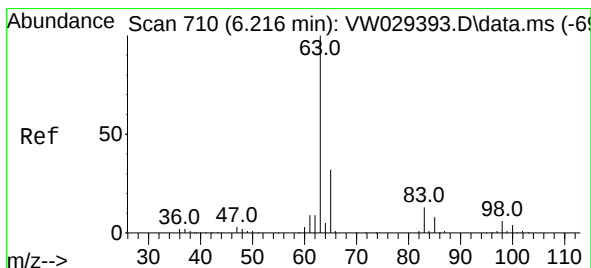
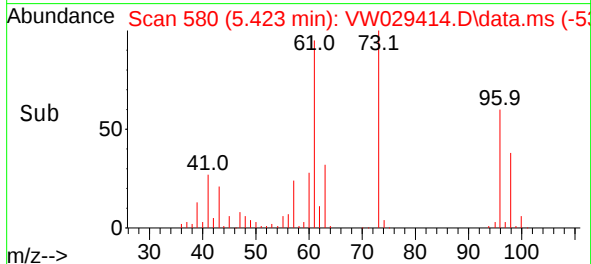
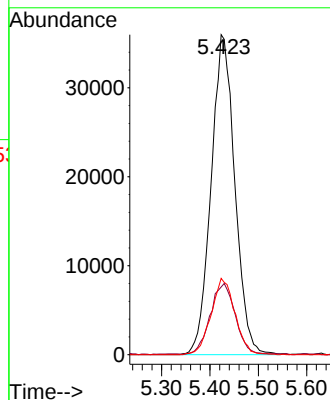
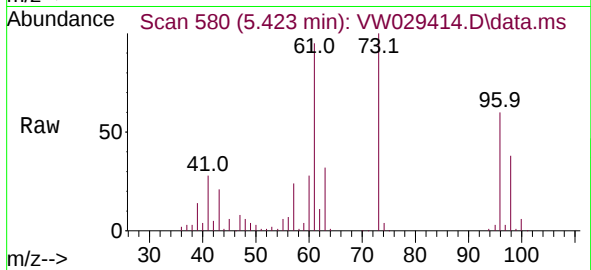




#18
Methyl tert-butyl Ether
Concen: 23.296 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

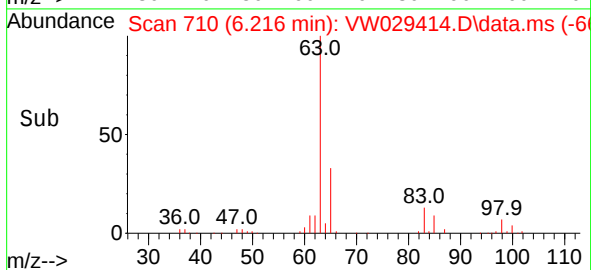
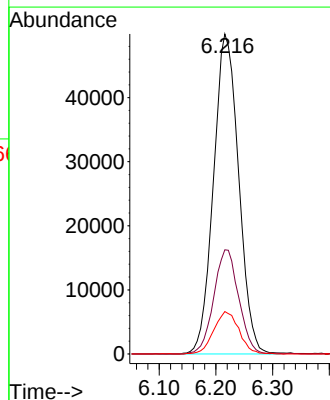
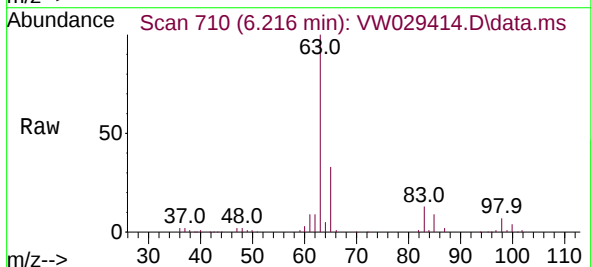
Instrument :
MSVOA_W
ClientSampleId :

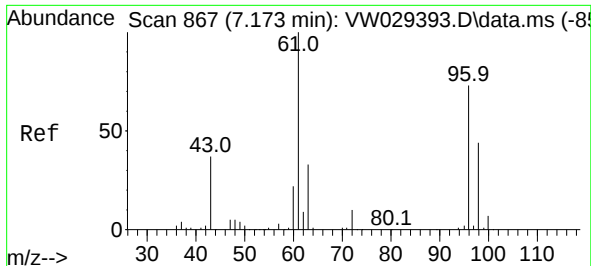
Tgt Ion: 73 Resp: 122634
Ion Ratio Lower Upper
73 100
43 23.3 19.5 29.3
57 23.9 18.4 27.6



#19
1,1-Dichloroethane
Concen: 21.622 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

Tgt Ion: 63 Resp: 153651
Ion Ratio Lower Upper
63 100
65 32.6 23.4 43.4
83 13.3 8.9 16.5





#20

cis-1,2-Dichloroethene

Concen: 22.261 ug/L

RT: 7.167 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

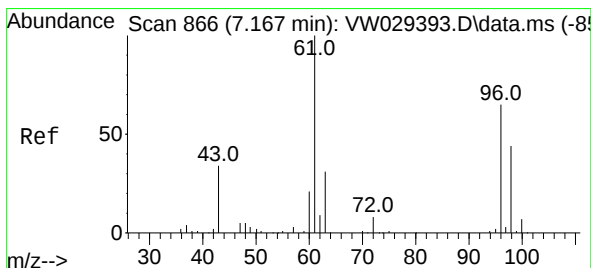
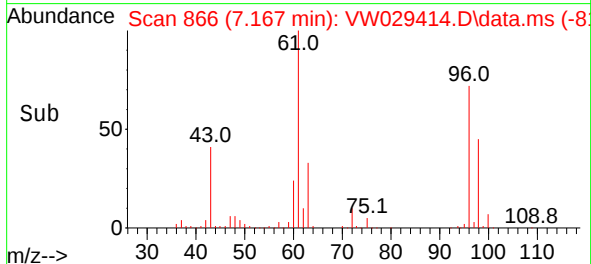
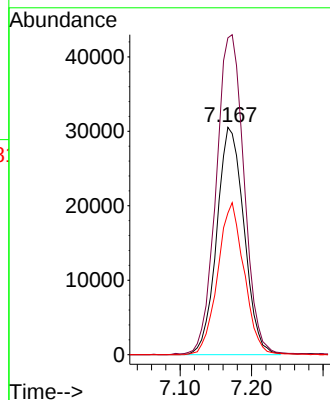
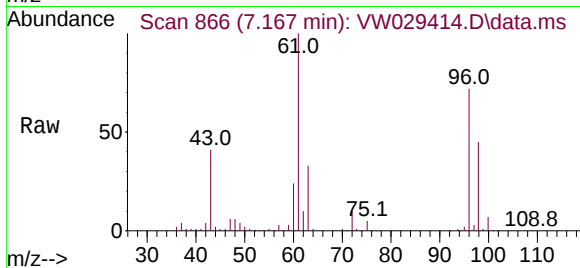
Tgt Ion: 96 Resp: 80770

Ion Ratio Lower Upper

96 100

61 139.3 97.8 181.6

98 62.3 43.0 79.8



#22

2-Butanone

Concen: 40.270 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029414.D

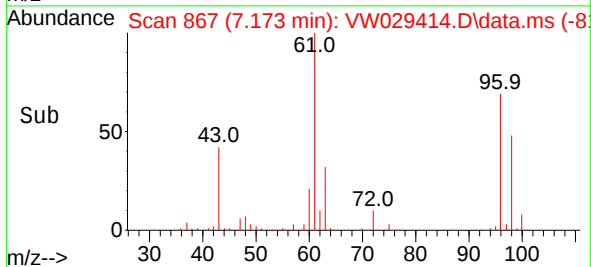
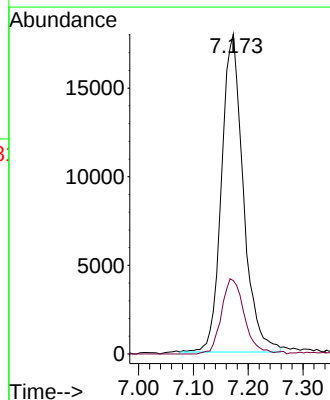
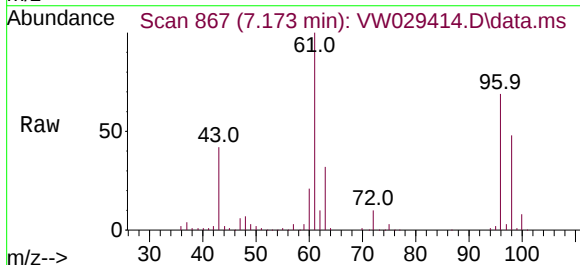
Acq: 28 Jun 2024 21:34

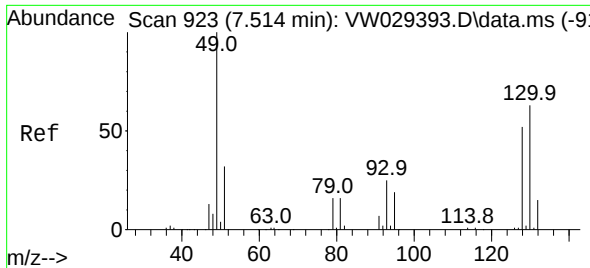
Tgt Ion: 43 Resp: 49673

Ion Ratio Lower Upper

43 100

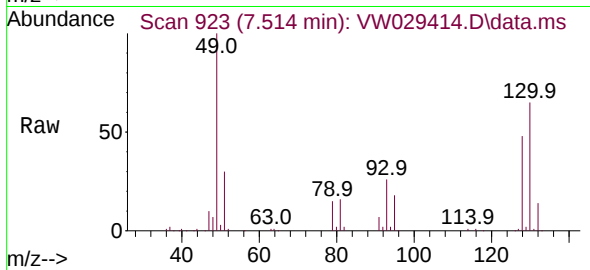
72 23.3 11.9 35.7



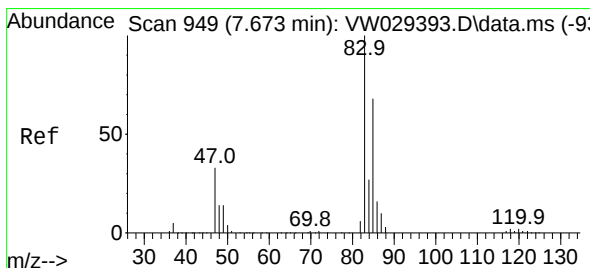
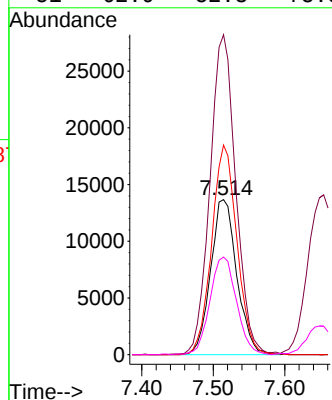
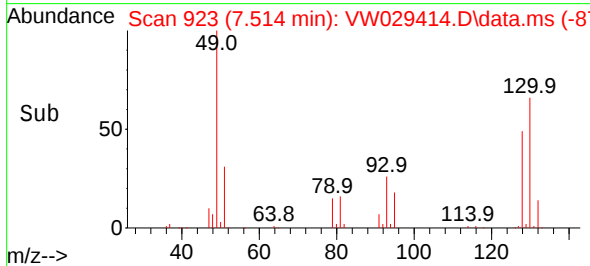


#23
Bromochloromethane
Concen: 21.491 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

Instrument :
MSVOA_W
ClientSampleId :

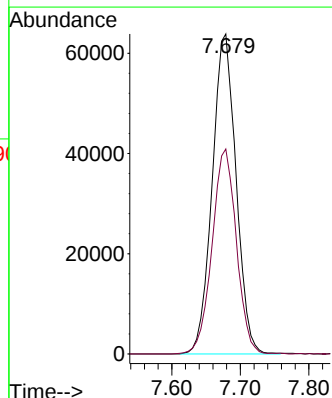
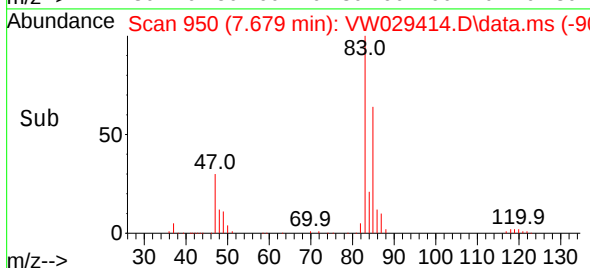
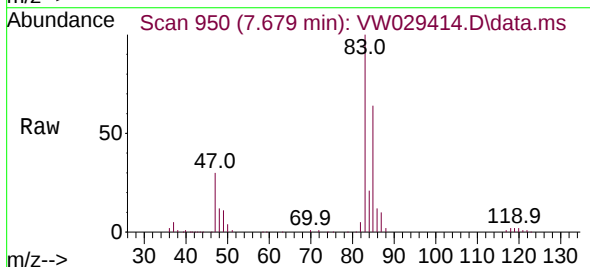


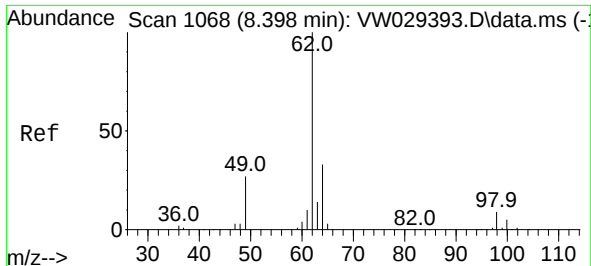
Tgt Ion:	128	Resp:	34712
Ion	Ratio	Lower	Upper
128	100		
49	206.4	142.6	264.8
130	135.2	79.7	148.1
51	62.9	52.3	78.5



#25
Chloroform
Concen: 22.229 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

Tgt Ion:	83	Resp:	154252
Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.4	82.4





#27

1,2-Dichloroethane

Concen: 21.000 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

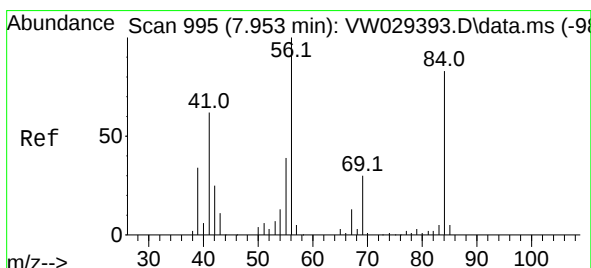
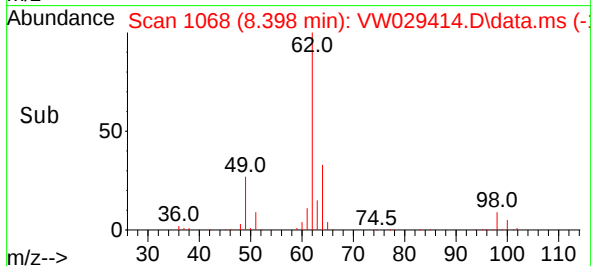
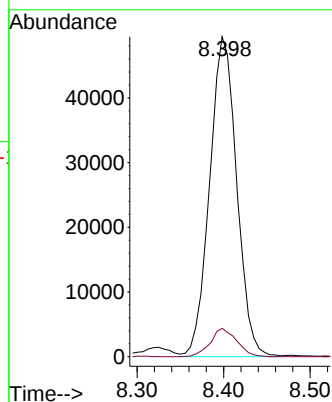
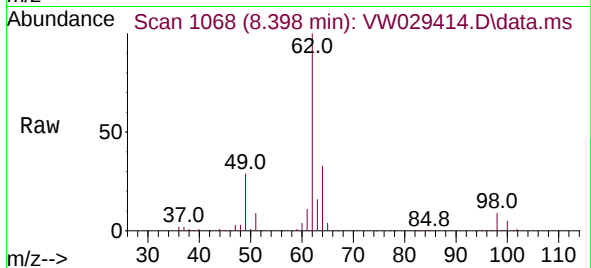
ClientSampleId :

Tgt Ion: 62 Resp: 107472

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0



#29

Cyclohexane

Concen: 20.690 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

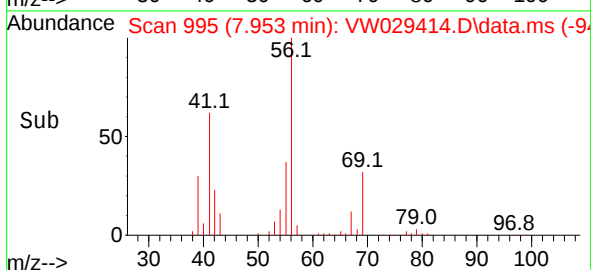
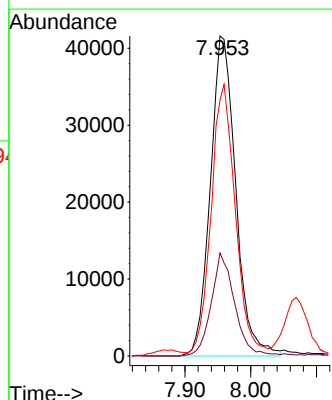
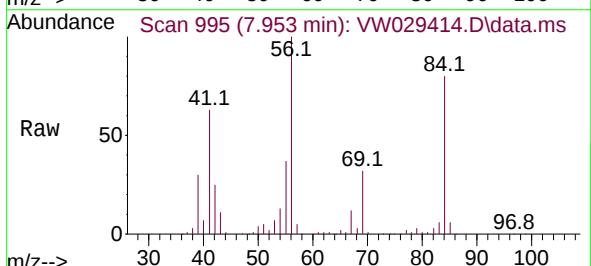
Tgt Ion: 56 Resp: 111854

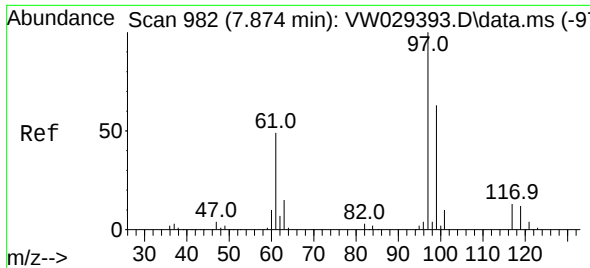
Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.0

84 80.7 64.5 96.7





#30

1,1,1-Trichloroethane

Concen: 22.274 ug/L

RT: 7.874 min Scan# 9

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

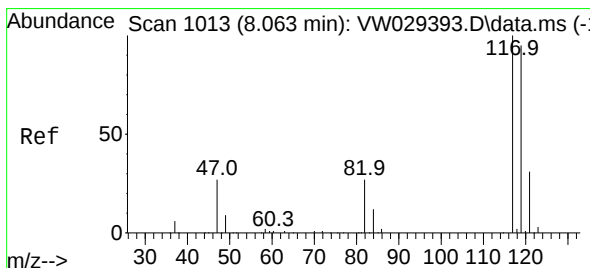
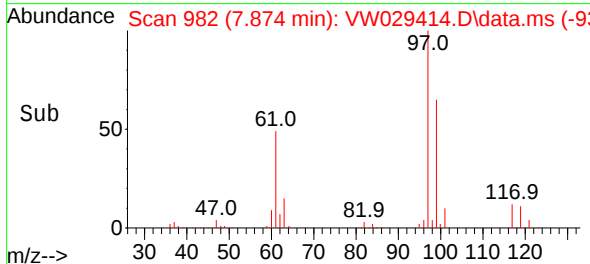
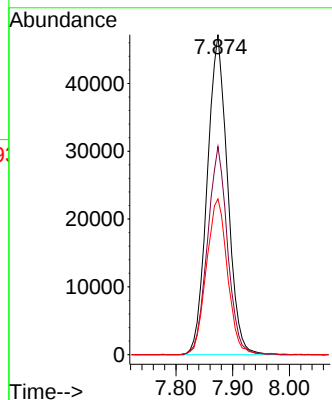
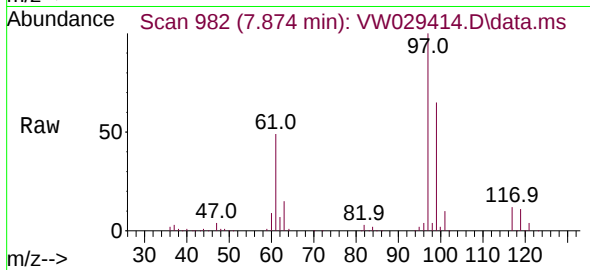
Tgt Ion: 97 Resp: 117132

Ion Ratio Lower Upper

97 100

99 64.2 53.0 79.4

61 50.5 43.0 64.4



#31

Carbon tetrachloride

Concen: 21.307 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW029414.D

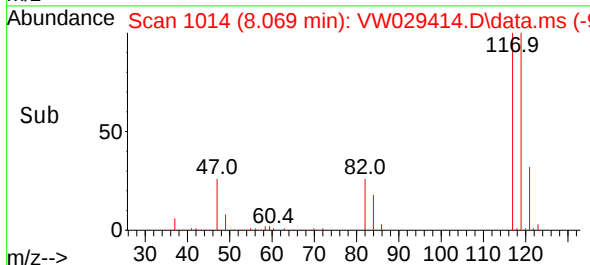
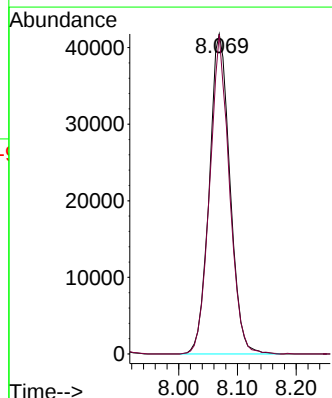
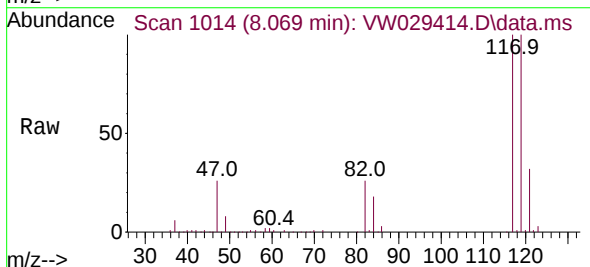
Acq: 28 Jun 2024 21:34

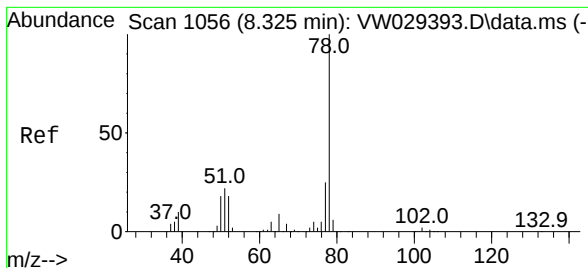
Tgt Ion: 117 Resp: 102352

Ion Ratio Lower Upper

117 100

119 94.4 79.0 118.4





#33

Benzene

Concen: 22.420 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW029414.D

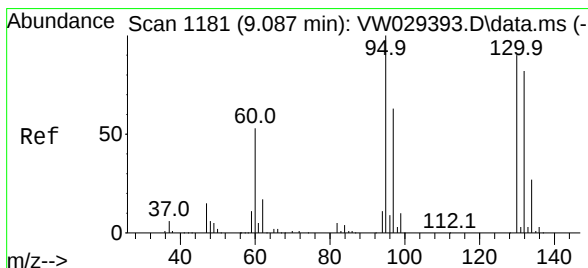
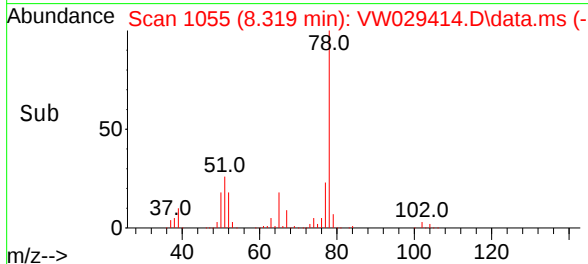
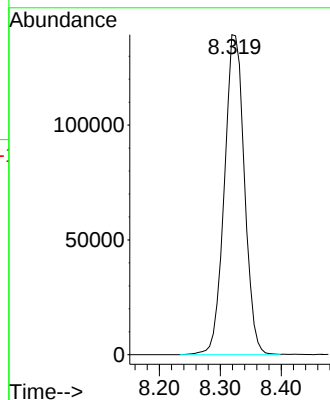
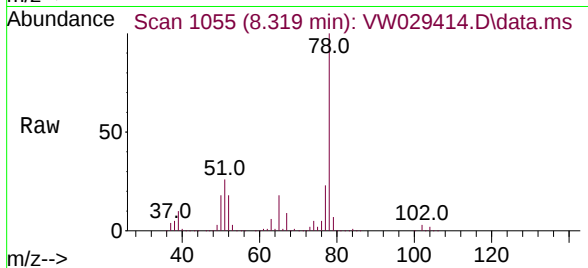
Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 318567



#34

Trichloroethene

Concen: 21.106 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Tgt Ion: 95 Resp: 80010

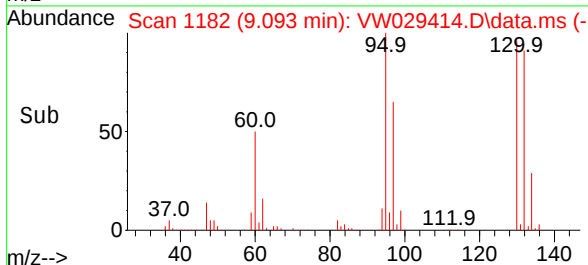
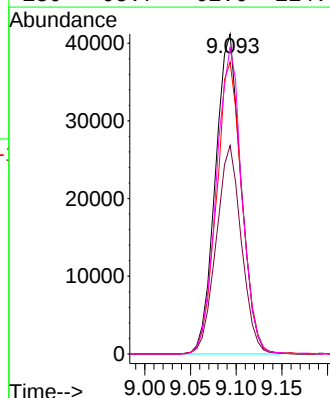
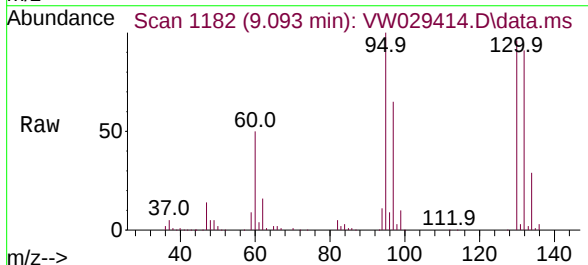
Ion Ratio Lower Upper

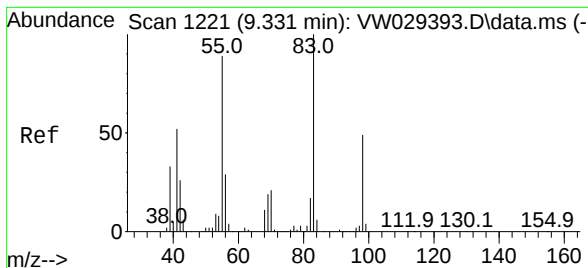
95 100

97 65.1 45.7 84.9

132 91.2 66.4 123.4

130 95.7 61.6 114.4





#35

Methylcyclohexane

Concen: 20.623 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

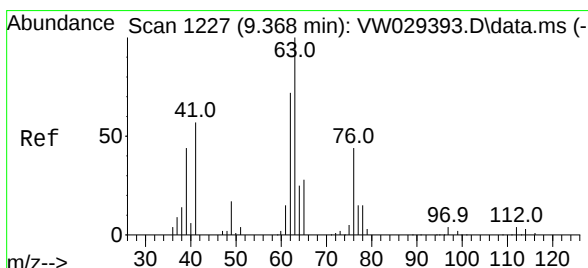
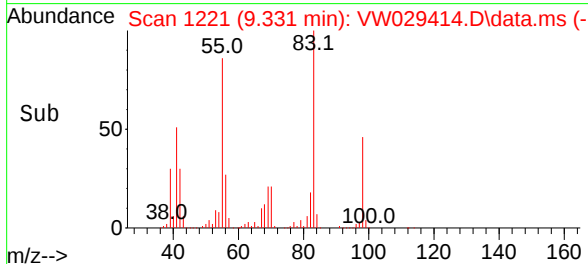
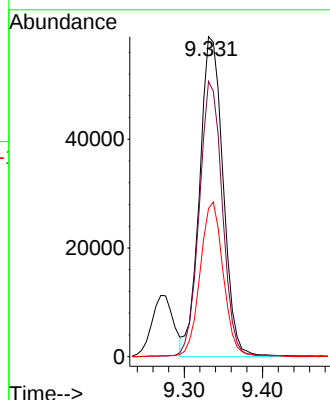
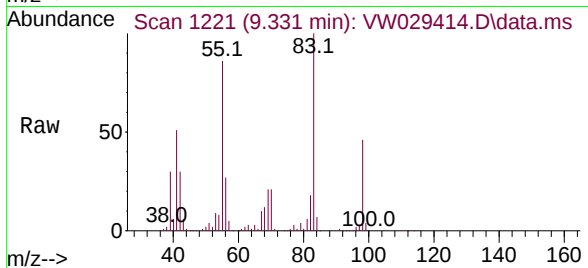
Tgt Ion: 83 Resp: 122951

Ion Ratio Lower Upper

83 100

55 84.5 69.5 104.3

98 47.6 38.0 57.0



#37

1,2-Dichloropropane

Concen: 22.719 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029414.D

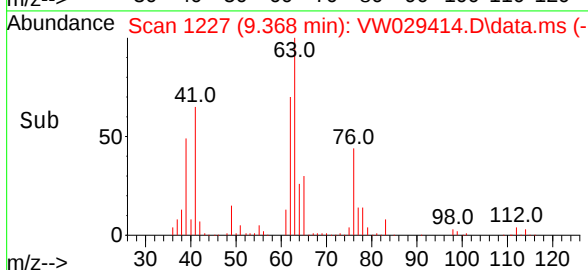
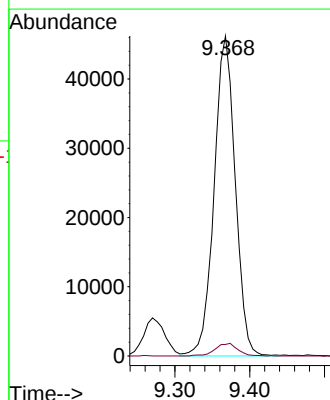
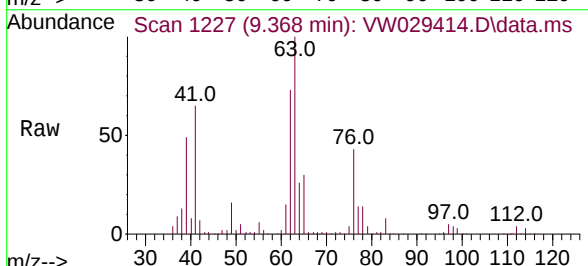
Acq: 28 Jun 2024 21:34

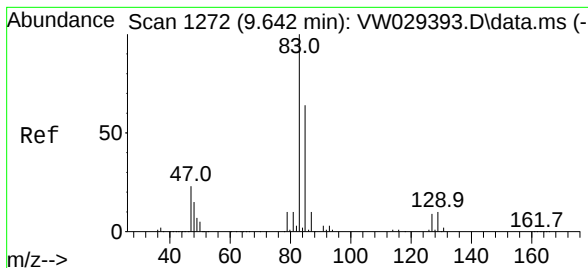
Tgt Ion: 63 Resp: 90709

Ion Ratio Lower Upper

63 100

112 4.1 3.8 5.6





#38

Bromodichloromethane

Concen: 22.572 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

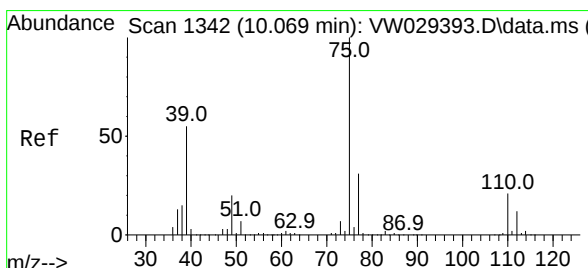
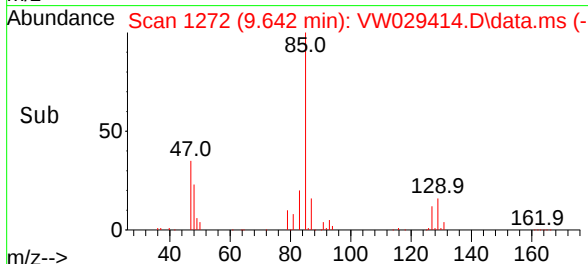
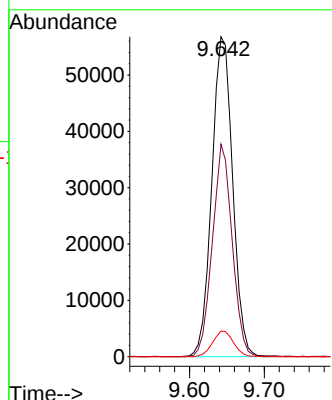
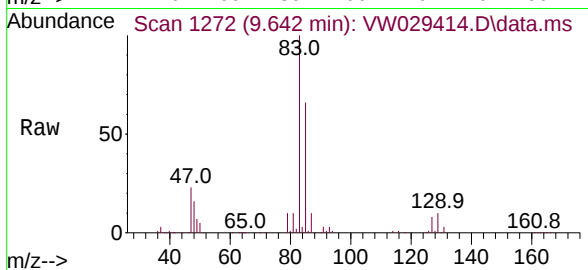
Tgt Ion: 83 Resp: 110188

Ion Ratio Lower Upper

83 100

85 66.4 45.1 83.9

127 8.0 5.8 8.6



#39

cis-1,3-Dichloropropene

Concen: 22.877 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029414.D

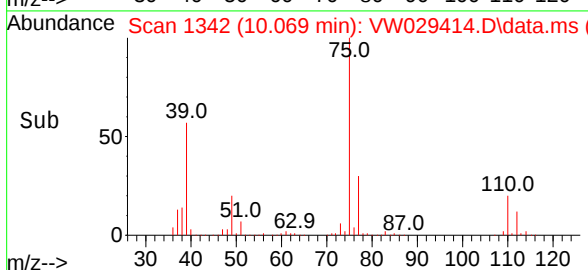
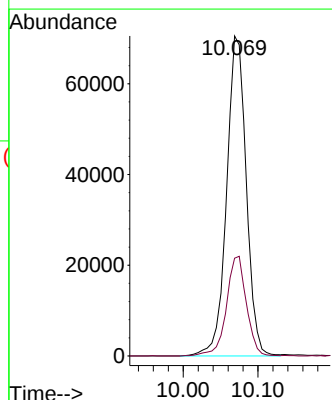
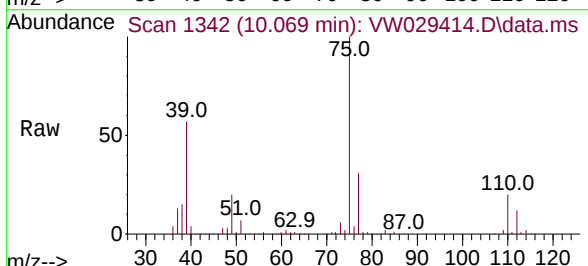
Acq: 28 Jun 2024 21:34

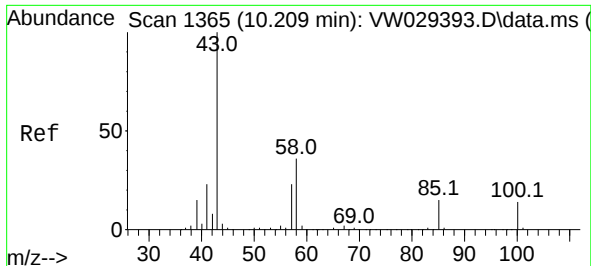
Tgt Ion: 75 Resp: 129120

Ion Ratio Lower Upper

75 100

77 30.6 22.7 42.1





#40

4-Methyl-2-pentanone

Concen: 44.528 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

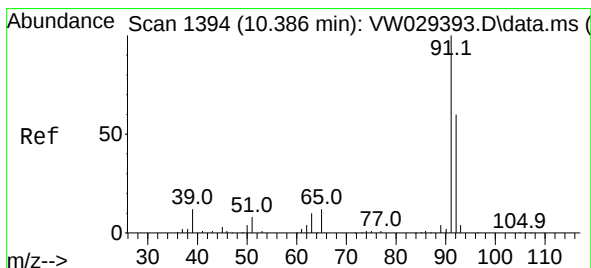
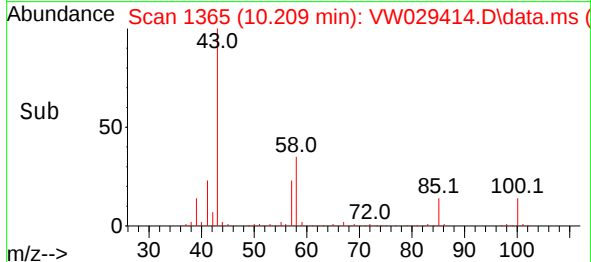
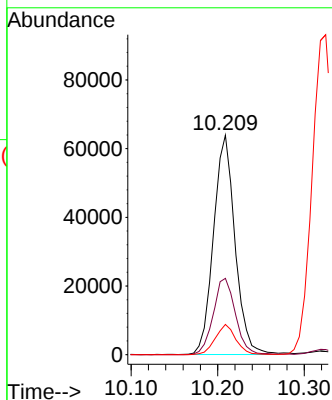
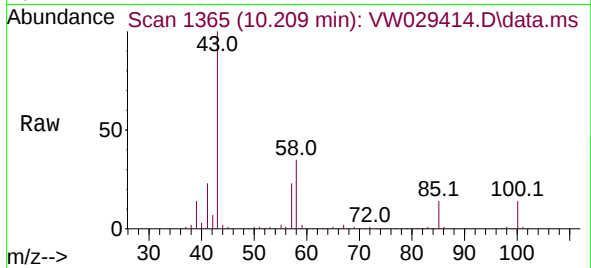
Tgt Ion: 43 Resp: 110194

Ion Ratio Lower Upper

43 100

58 36.0 28.2 42.4

100 13.2 11.0 16.4



#42

Toluene

Concen: 22.535 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029414.D

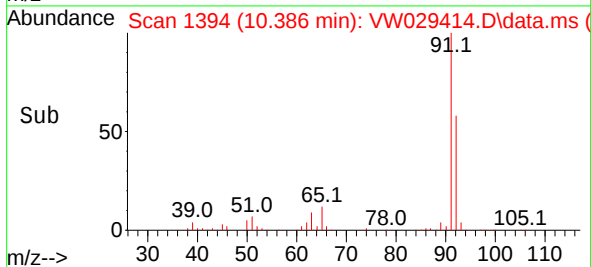
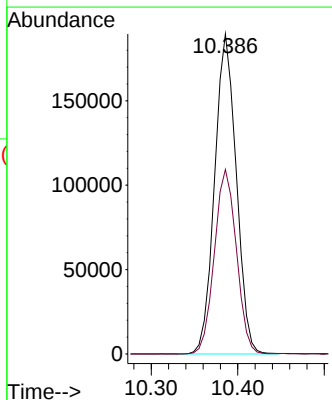
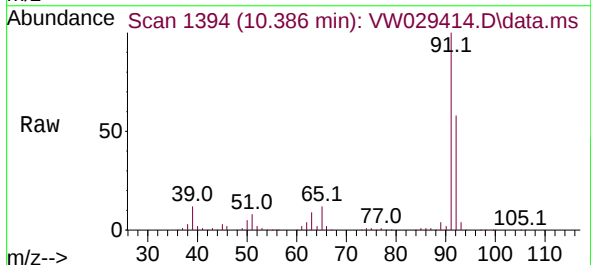
Acq: 28 Jun 2024 21:34

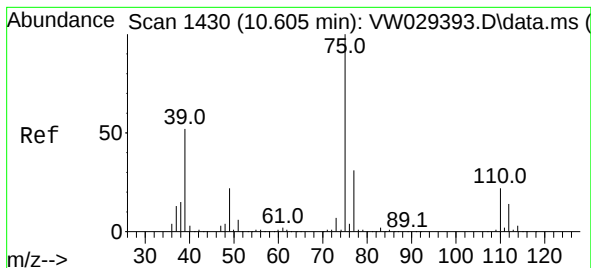
Tgt Ion: 91 Resp: 329175

Ion Ratio Lower Upper

91 100

92 57.6 39.3 73.1





#44

trans-1,3-Dichloropropene

Concen: 22.317 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

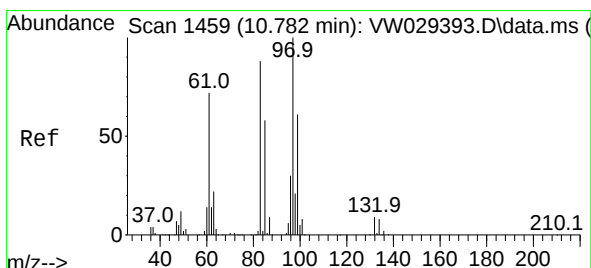
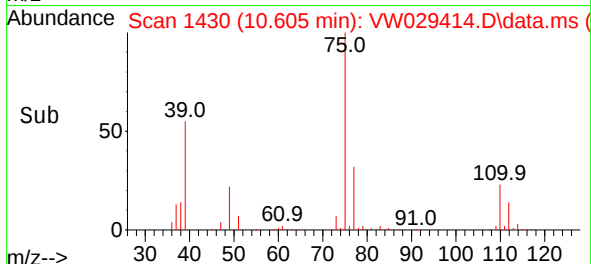
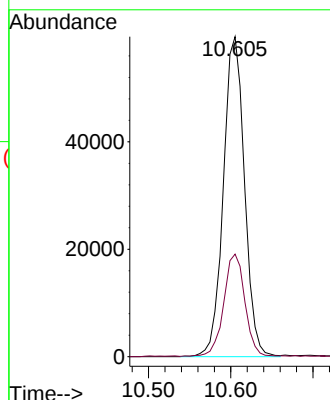
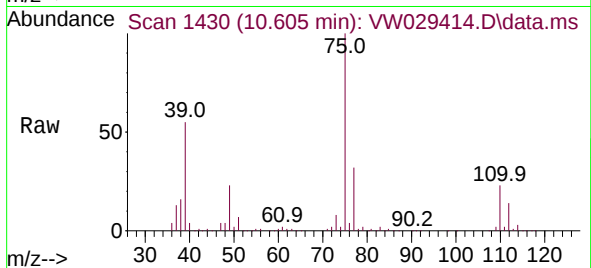
ClientSampleId :

Tgt Ion: 75 Resp: 106356

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.1



#45

1,1,2-Trichloroethane

Concen: 21.996 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Tgt Ion: 97 Resp: 61167

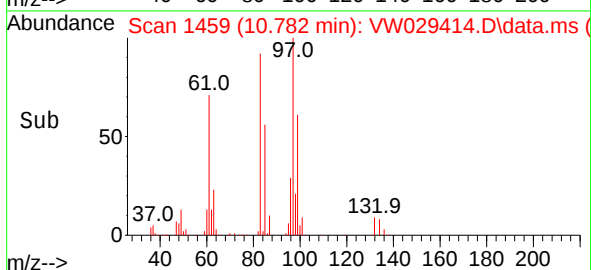
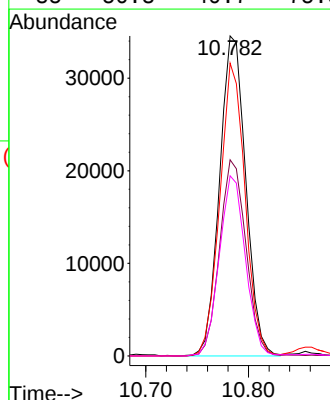
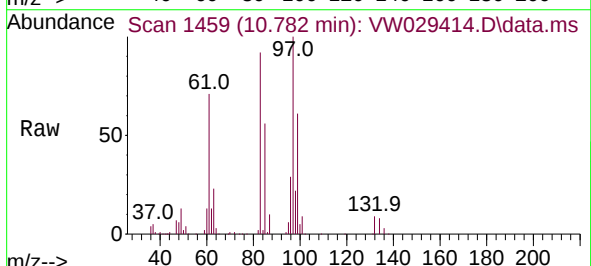
Ion Ratio Lower Upper

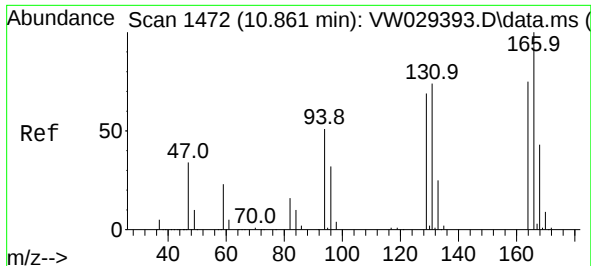
97 100

99 61.3 42.3 78.5

83 91.5 57.7 107.1

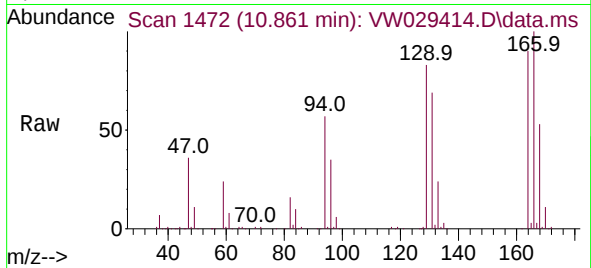
85 56.3 40.7 75.5



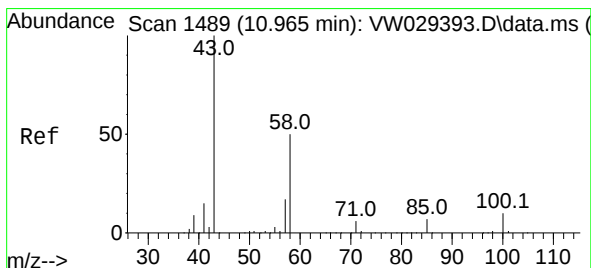
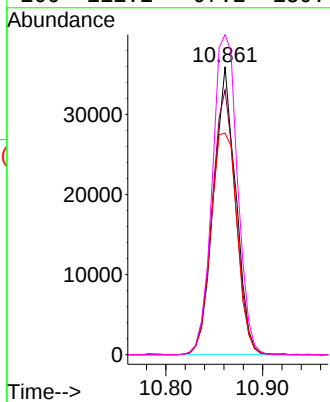
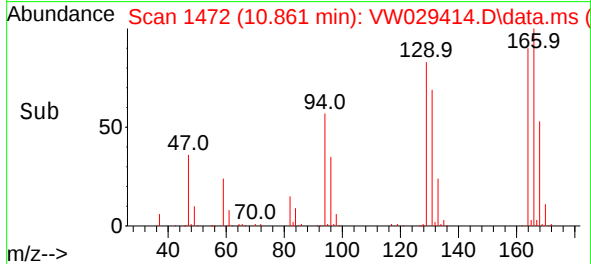


#46
Tetrachloroethene
Concen: 21.660 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

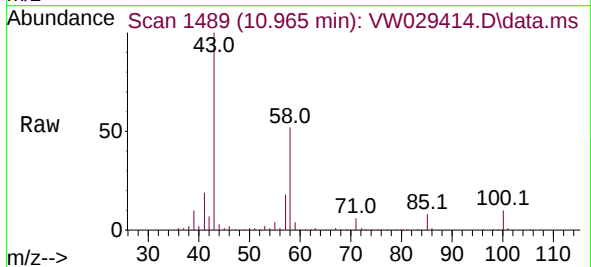
Instrument :
MSVOA_W
ClientSampleId :



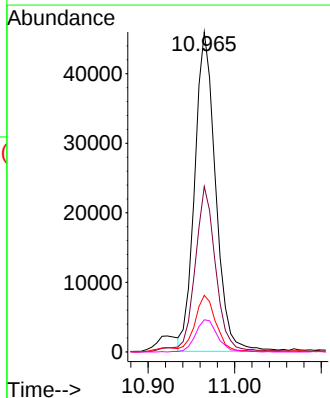
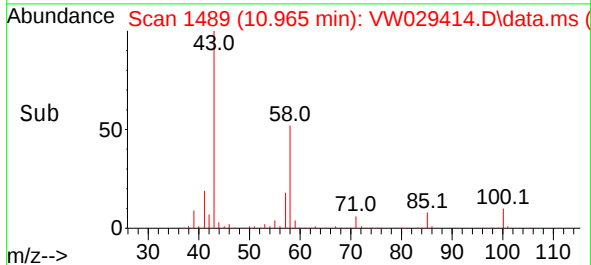
Tgt Ion:164 Resp: 57400
Ion Ratio Lower Upper
164 100
129 91.9 68.5 127.3
131 76.9 71.8 133.4
166 111.1 97.2 180.4

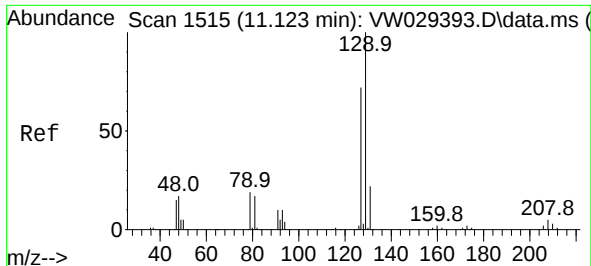


#48
2-Hexanone
Concen: 43.841 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34



Tgt Ion: 43 Resp: 76984
Ion Ratio Lower Upper
43 100
58 51.7 39.6 59.4
57 17.8 14.6 21.8
100 10.6 8.2 12.2





#49

Dibromochloromethane

Concen: 22.570 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

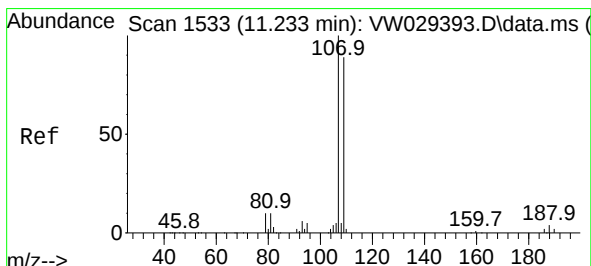
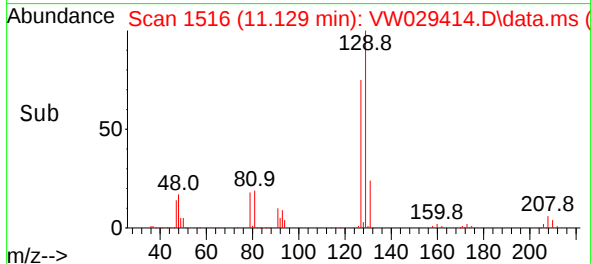
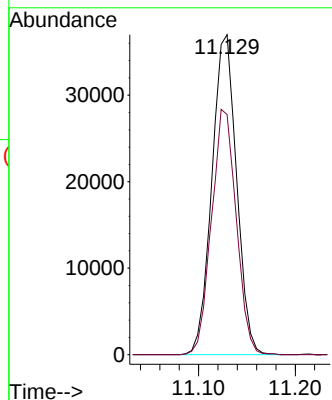
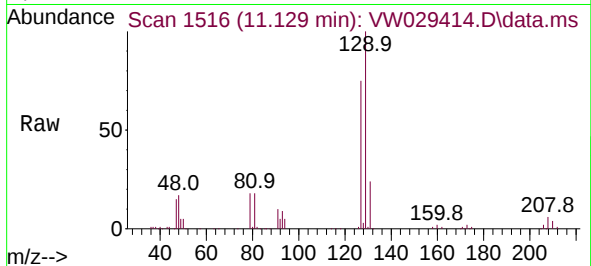
ClientSampleId :

Tgt Ion:129 Resp: 65607

Ion Ratio Lower Upper

129 100

127 75.0 54.8 101.8



#50

1,2-Dibromoethane

Concen: 22.086 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

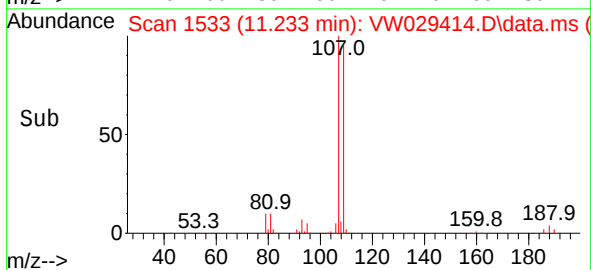
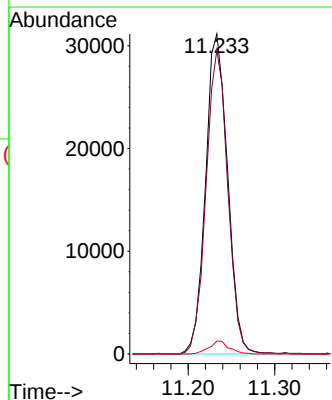
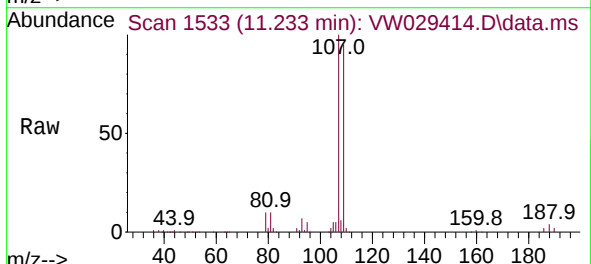
Tgt Ion:107 Resp: 55131

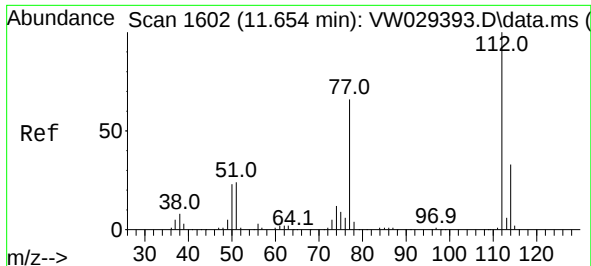
Ion Ratio Lower Upper

107 100

109 95.0 65.5 121.6

188 4.0 2.6 4.0#





#51

Chlorobenzene

Concen: 22.296 ug/L

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

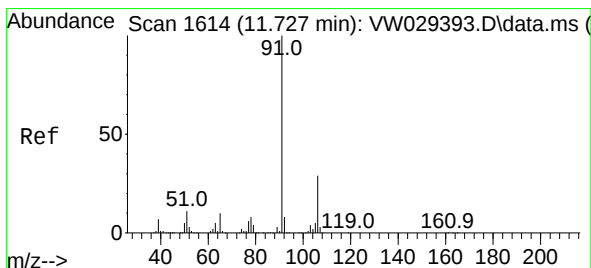
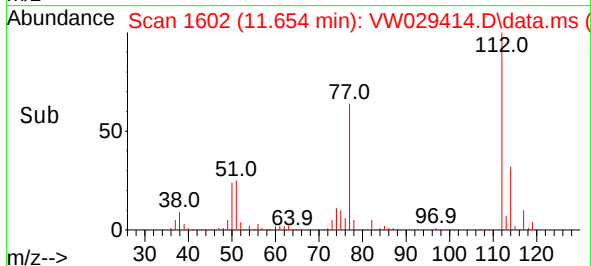
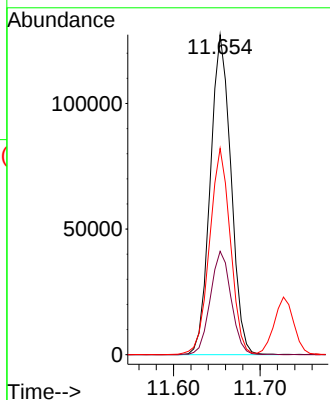
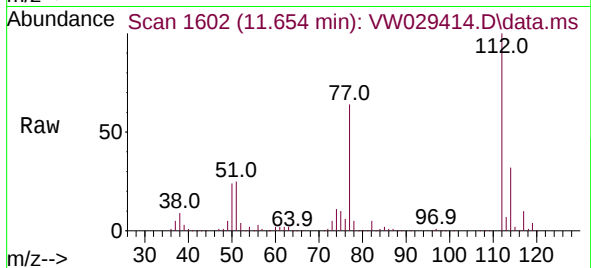
Tgt Ion:112 Resp: 211494

Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

77 64.5 51.0 76.6



#52

Ethylbenzene

Concen: 22.726 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW029414.D

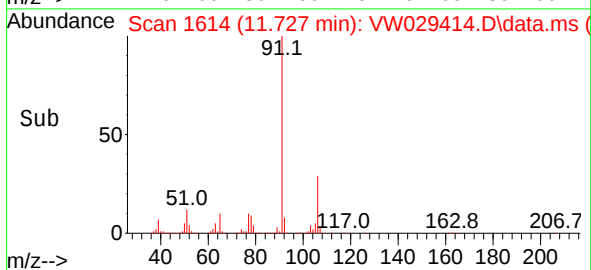
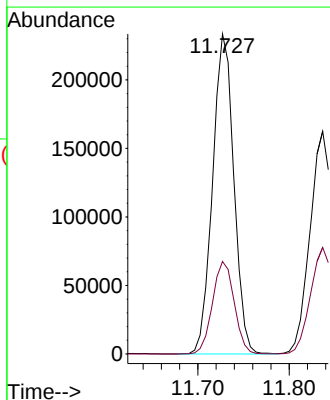
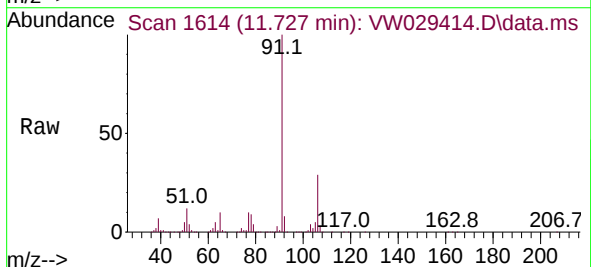
Acq: 28 Jun 2024 21:34

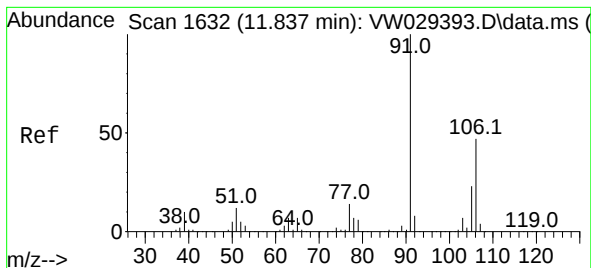
Tgt Ion: 91 Resp: 376832

Ion Ratio Lower Upper

91 100

106 28.9 19.9 37.0

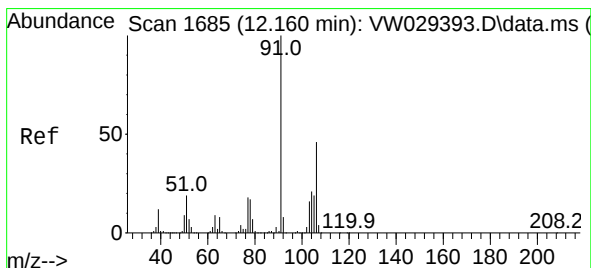
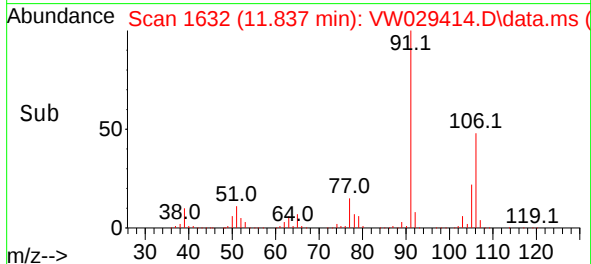
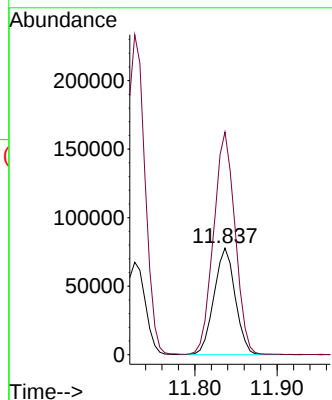
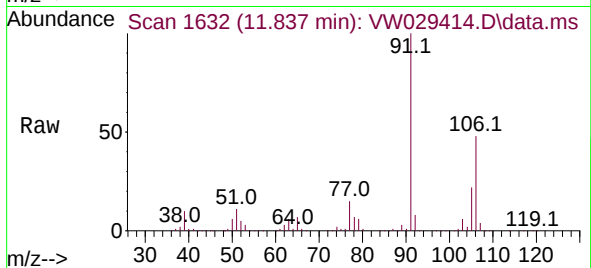




#53
m,p-Xylene
Concen: 23.028 ug/L
RT: 11.837 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

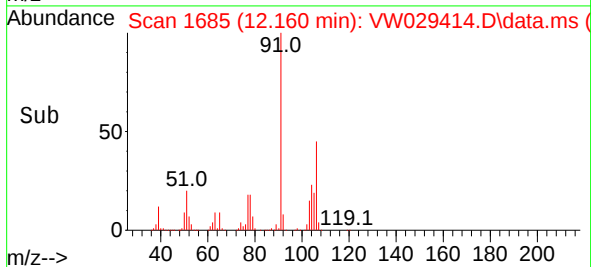
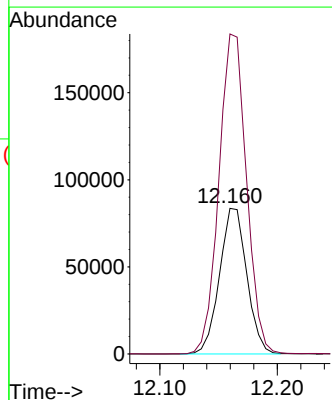
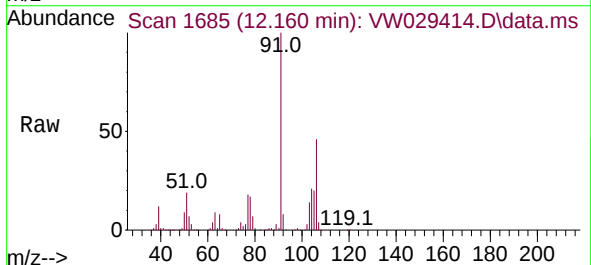
Instrument :
MSVOA_W
ClientSampleId :

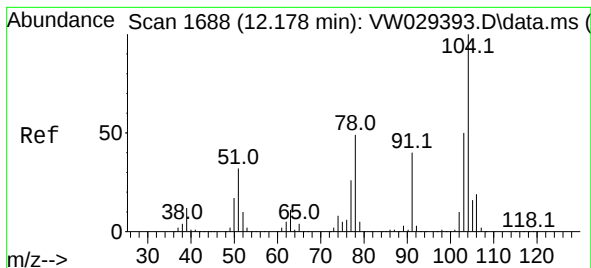
Tgt Ion:106 Resp: 139473
Ion Ratio Lower Upper
106 100
91 209.0 140.5 260.9



#54
o-Xylene
Concen: 23.852 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029414.D
Acq: 28 Jun 2024 21:34

Tgt Ion:106 Resp: 135011
Ion Ratio Lower Upper
106 100
91 219.7 149.9 278.5





#55

Styrene

Concen: 24.252 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

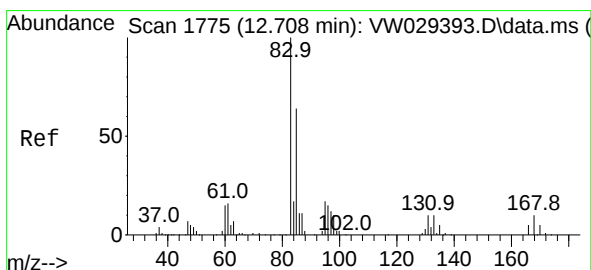
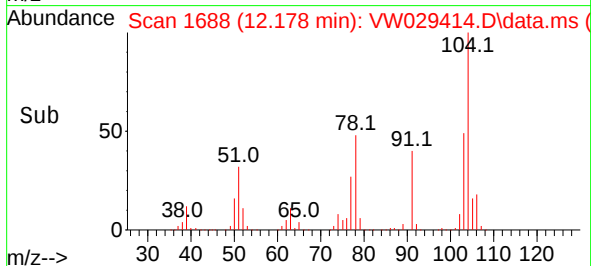
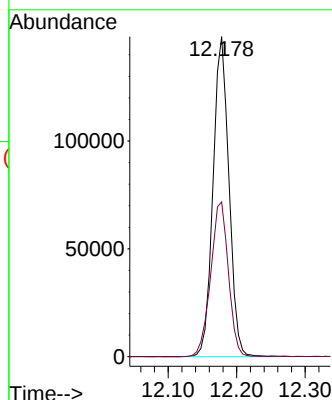
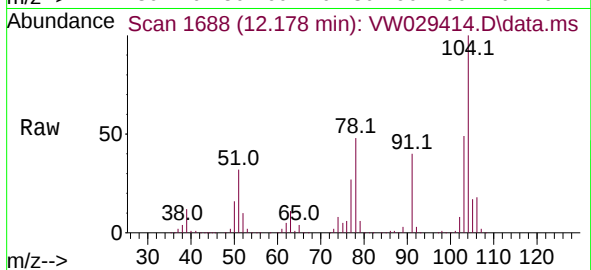
ClientSampleId :

Tgt Ion:104 Resp: 239352

Ion Ratio Lower Upper

104 100

78 48.4 35.4 65.7



#57

1,1,2,2-Tetrachloroethane

Concen: 21.378 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

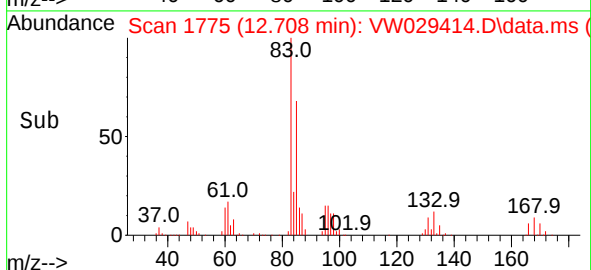
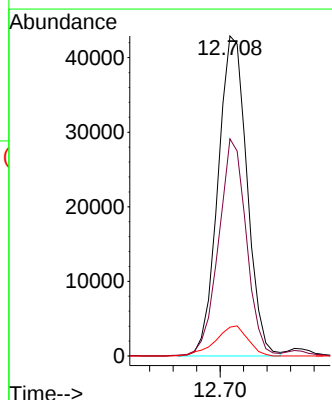
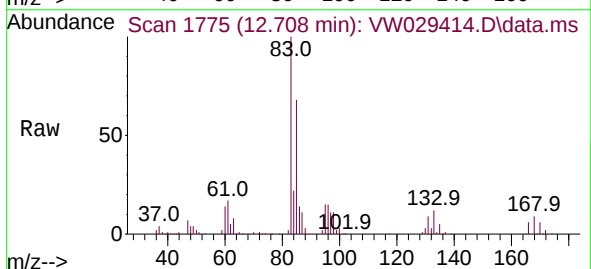
Tgt Ion: 83 Resp: 73534

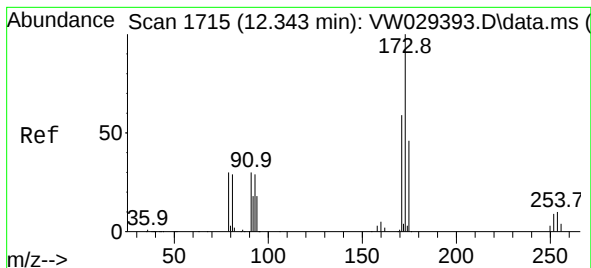
Ion Ratio Lower Upper

83 100

85 67.9 45.8 85.0

131 9.0 7.8 11.6





#59

Bromoform

Concen: 21.821 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

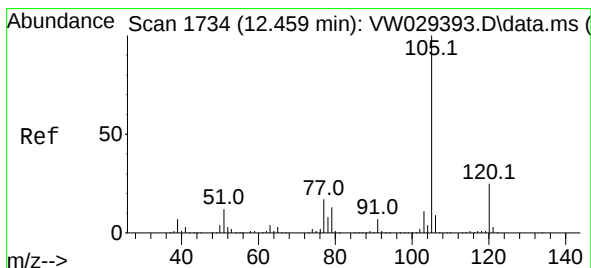
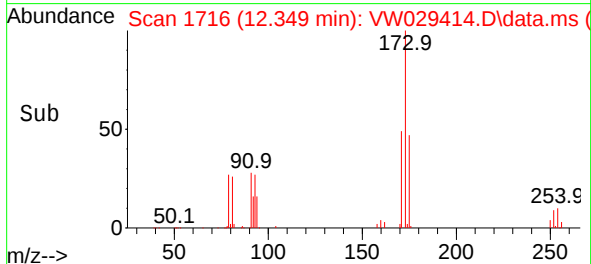
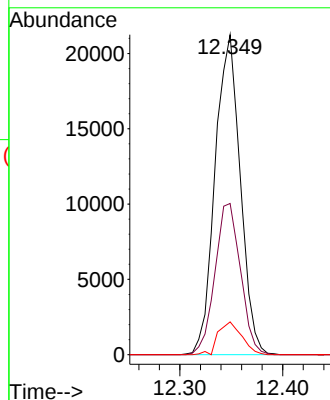
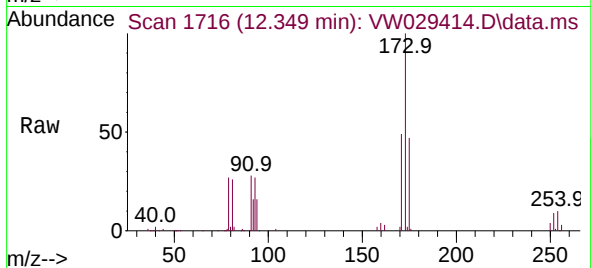
Tgt Ion:173 Resp: 36162

Ion Ratio Lower Upper

173 100

175 47.9 37.8 56.8

254 9.4 7.8 11.6



#60

Isopropylbenzene

Concen: 23.459 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

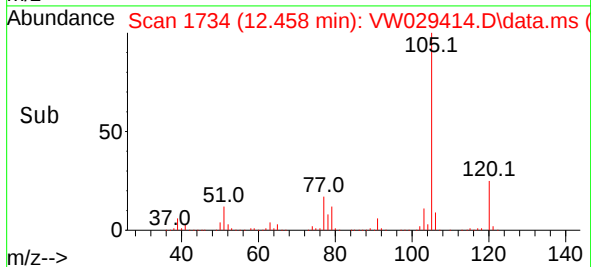
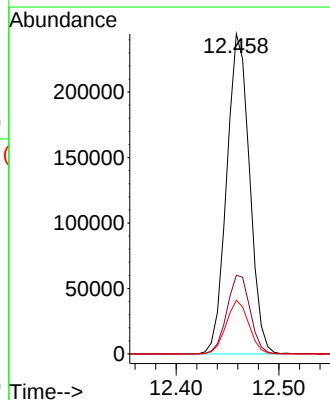
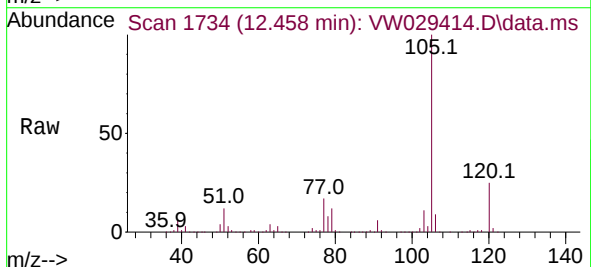
Tgt Ion:105 Resp: 377949

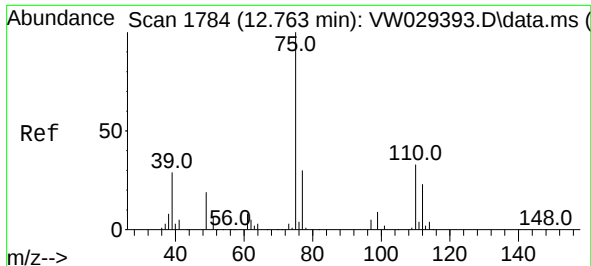
Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

77 16.6 13.6 20.4





#61

1,2,3-Trichloropropane

Concen: 20.350 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

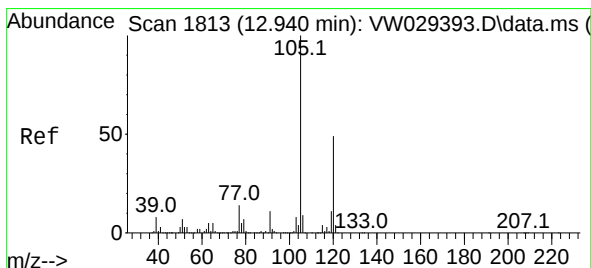
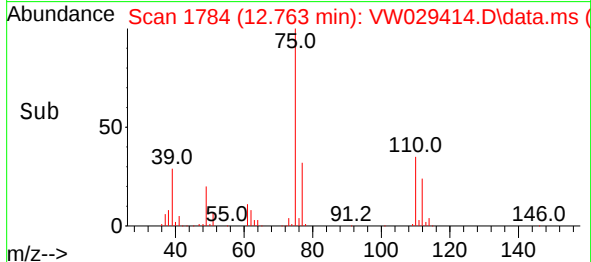
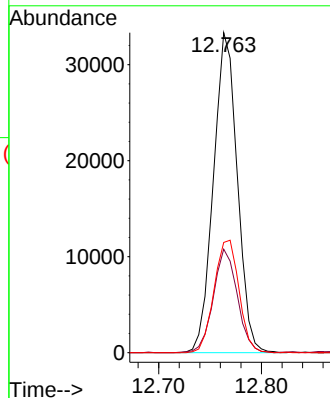
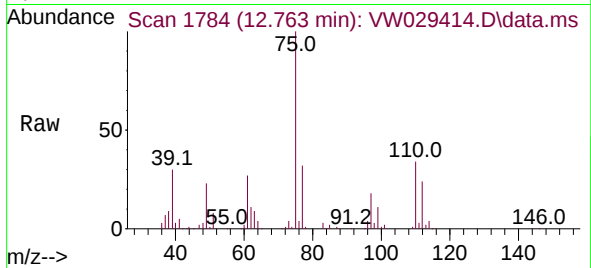
Tgt Ion: 75 Resp: 53668

Ion Ratio Lower Upper

75 100

77 32.6 26.6 39.8

110 36.7 29.5 44.3



#62

1,3,5-Trimethylbenzene

Concen: 23.886 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029414.D

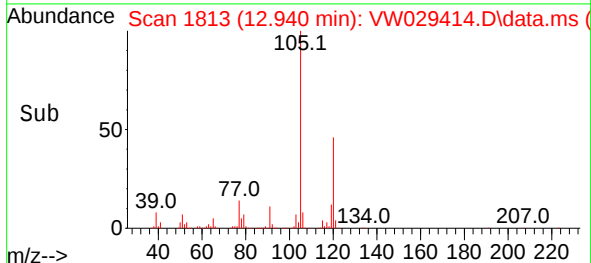
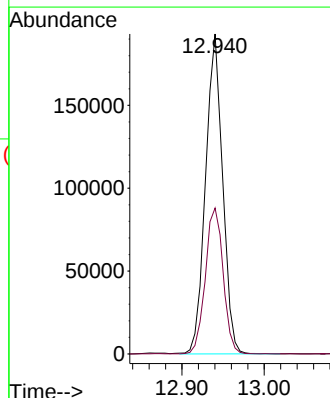
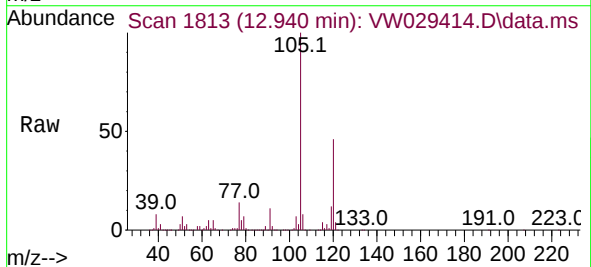
Acq: 28 Jun 2024 21:34

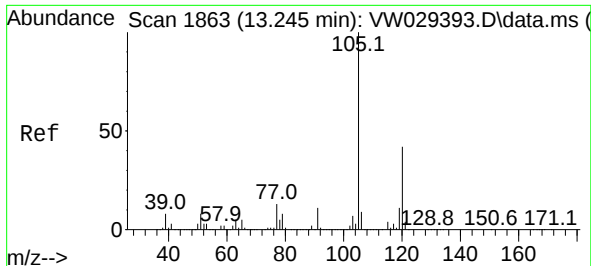
Tgt Ion:105 Resp: 278709

Ion Ratio Lower Upper

105 100

120 47.5 36.4 54.6





#63

1,2,4-Trimethylbenzene

Concen: 24.278 ug/L

RT: 13.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

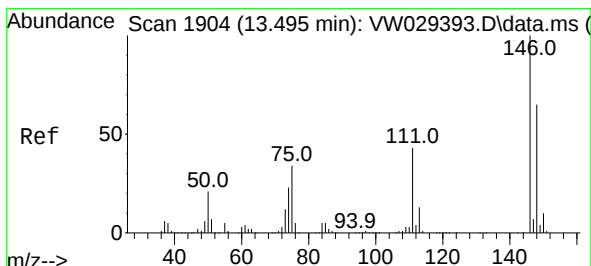
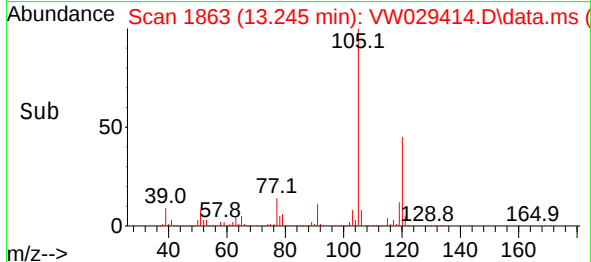
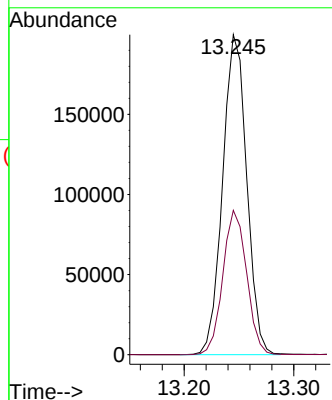
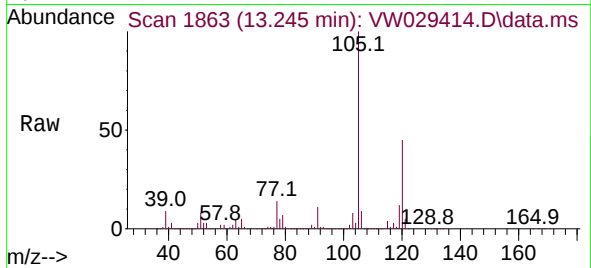
ClientSampleId :

Tgt Ion:105 Resp: 304785

Ion Ratio Lower Upper

105 100

120 44.6 34.9 52.3



#64

1,3-Dichlorobenzene

Concen: 22.639 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

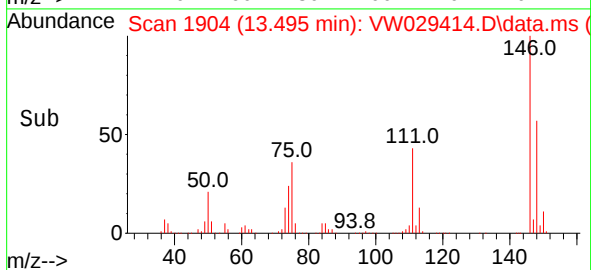
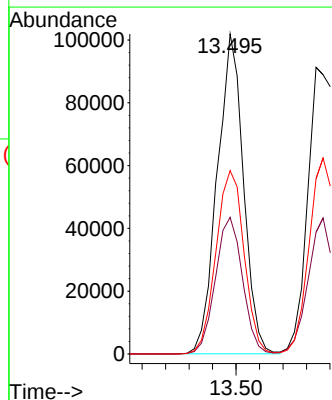
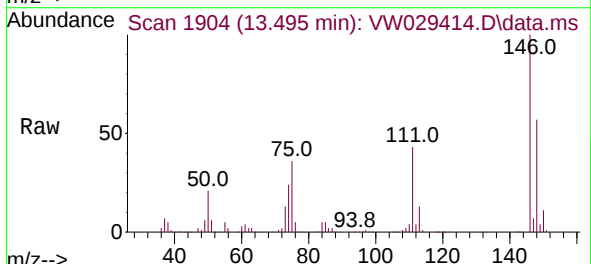
Tgt Ion:146 Resp: 157844

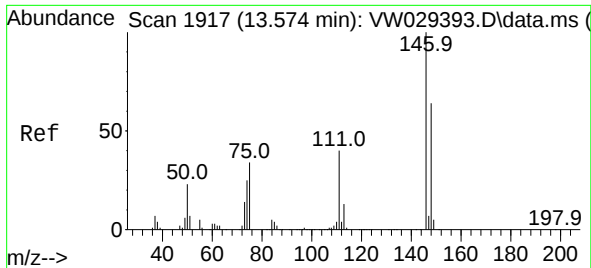
Ion Ratio Lower Upper

146 100

111 42.7 33.0 61.2

148 57.3 47.5 88.1





#65

1,4-Dichlorobenzene

Concen: 21.271 ug/L

RT: 13.568 min Scan# 1916

Delta R.T. -0.006 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

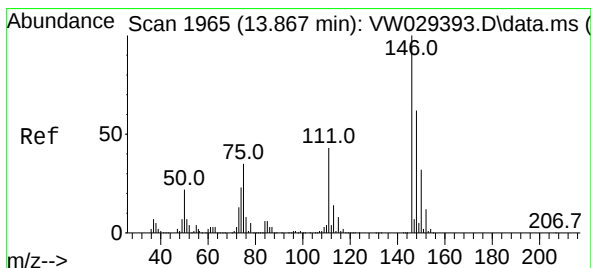
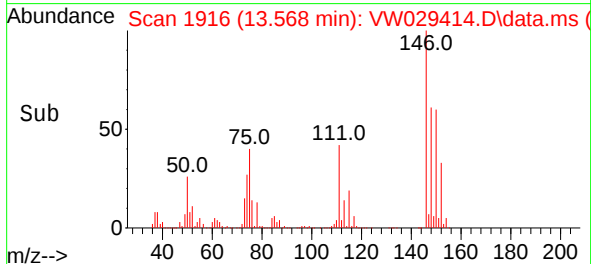
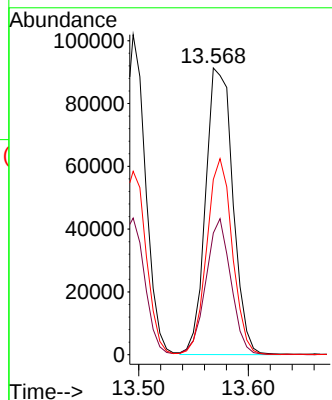
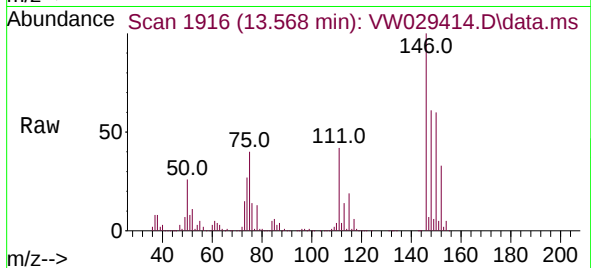
Tgt Ion:146 Resp: 157793

Ion Ratio Lower Upper

146 100

111 42.4 28.9 53.7

148 61.1 42.0 78.0



#67

1,2-Dichlorobenzene

Concen: 23.320 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

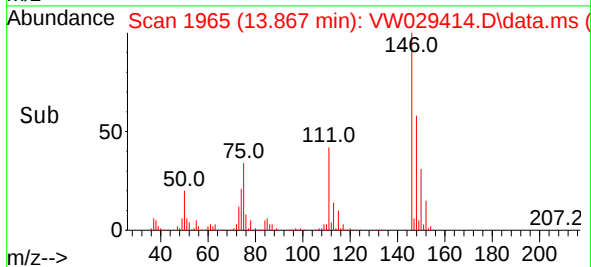
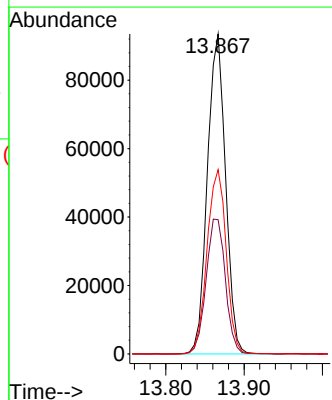
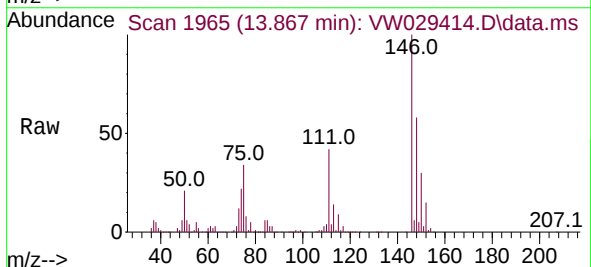
Tgt Ion:146 Resp: 150311

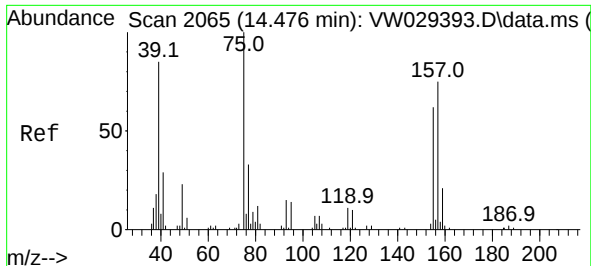
Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.4

148 57.6 46.3 69.5





#68

1,2-Dibromo-3-chloropropane

Concen: 19.374 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :

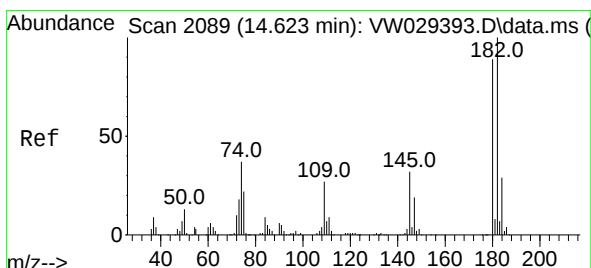
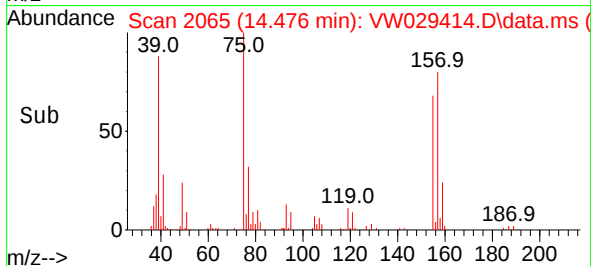
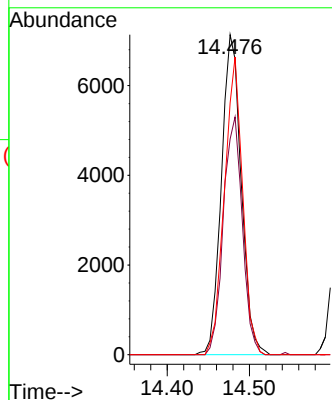
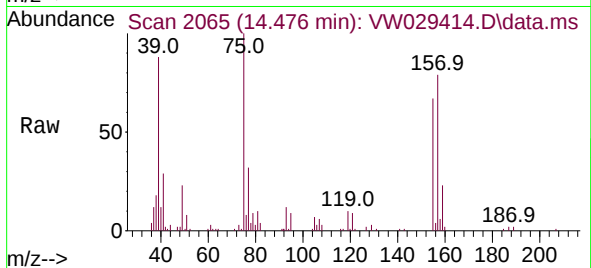
Tgt Ion: 75 Resp: 11924

Ion Ratio Lower Upper

75 100

155 67.4 51.0 76.6

157 78.6 58.8 88.2



#69

1,3,5-Trichlorobenzene

Concen: 22.256 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. -0.006 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Tgt Ion:180 Resp: 104724

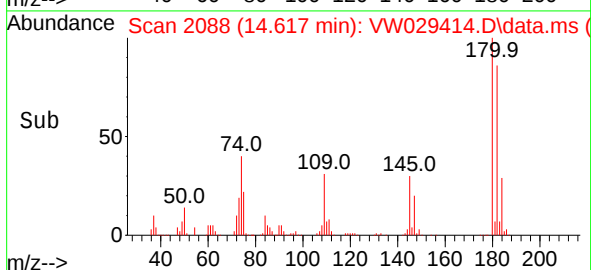
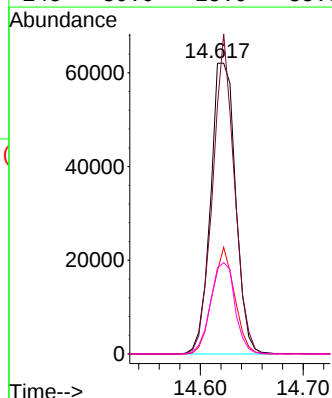
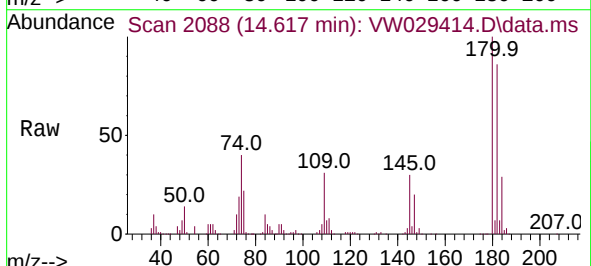
Ion Ratio Lower Upper

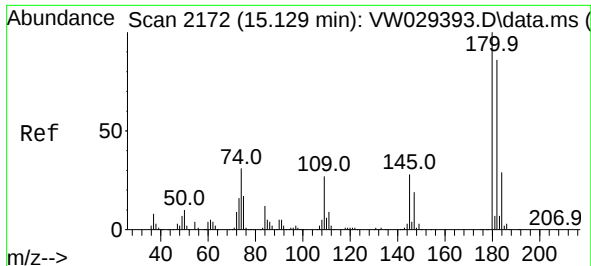
180 100

182 95.1 72.9 109.3

184 32.7 23.8 35.6

145 30.9 25.9 38.9





#70

1,2,4-trichlorobenzene

Concen: 24.023 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

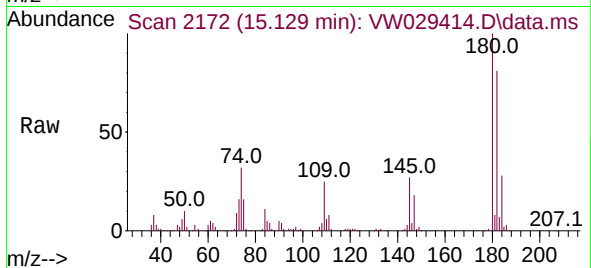
Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

Instrument :

MSVOA_W

ClientSampleId :



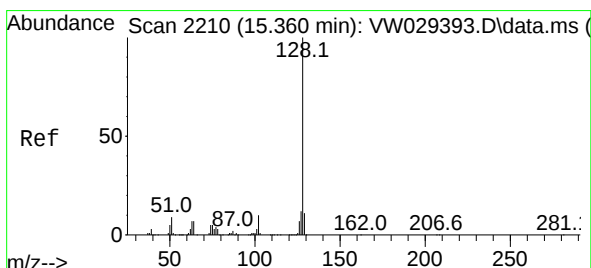
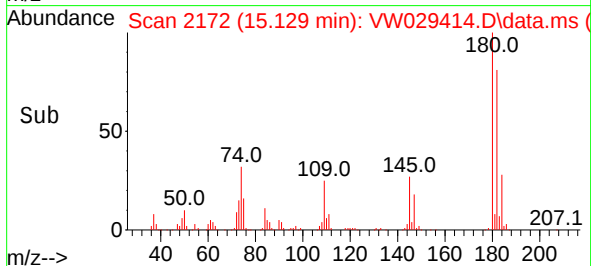
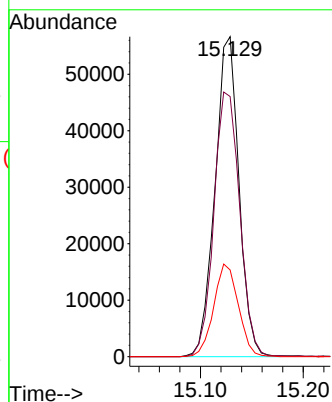
Tgt Ion:180 Resp: 91634

Ion Ratio Lower Upper

180 100

182 89.0 77.7 116.5

145 29.8 25.7 38.5



#71

Naphthalene

Concen: 22.601 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029414.D

Acq: 28 Jun 2024 21:34

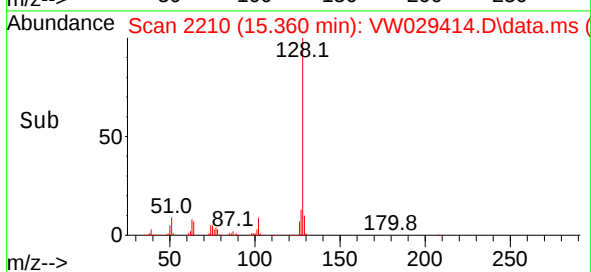
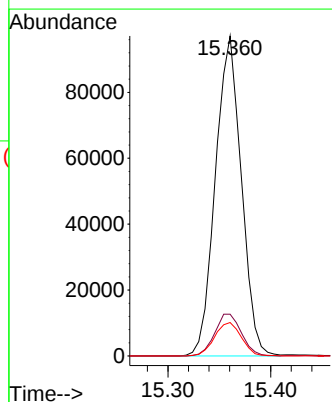
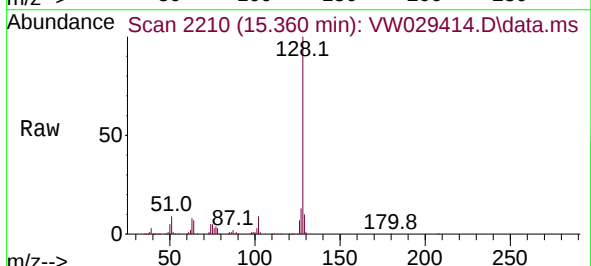
Tgt Ion:128 Resp: 170149

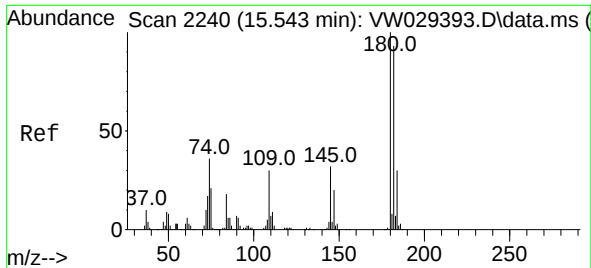
Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

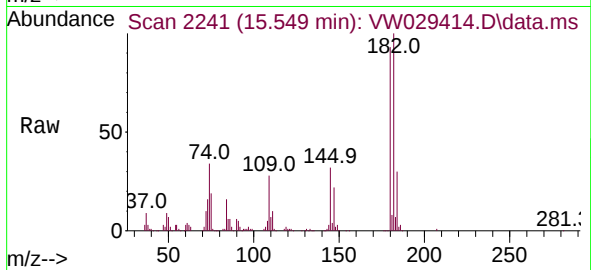
129 10.8 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 22.473 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW029414.D
 Acq: 28 Jun 2024 21:34

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 78106
 Ion Ratio Lower Upper
 180 100
 182 95.5 73.0 109.6
 145 34.9 28.1 42.1

