

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030524\
 Data File : VW028104.D
 Acq On : 05 Mar 2024 19:38
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 06 00:02:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 05 23:58:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	252866	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	123937	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	65726	21.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.080%
7) Chloroethane-d5	2.899	69	53006	22.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	4.033	65	26351	21.372	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.480%
21) 2-Butanone-d5	7.075	46	29696	68.966	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.940%#
24) Chloroform-d	7.648	84	134889	25.186	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.760%
26) 1,2-Dichloroethane-d4	8.301	65	68187	27.356	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.440%
32) Benzene-d6	8.276	84	265777	24.367	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.480%
36) 1,2-Dichloropropane-d6	9.270	67	72177	25.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.440%
41) Toluene-d8	10.325	98	252405	24.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.240%
43) trans-1,3-Dichloroprop...	10.575	79	32271	26.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.520%
47) 2-Hexanone-d5	10.922	63	26628	67.084	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69590	31.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.160%#
66) 1,2-Dichlorobenzene-d4	13.848	152	91056	24.704	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	51744	20.029	ug/L #	83
3) Chloromethane	2.222	50	56057	22.822	ug/L	99
5) Vinyl chloride	2.375	62	74541	21.776	ug/L	100
6) Bromomethane	2.789	94	60215	22.049	ug/L	95
8) Chloroethane	2.936	64	49882	23.204	ug/L	95
9) Trichlorofluoromethane	3.265	101	56551	17.712	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	68325	20.584	ug/L #	78
12) 1,1-Dichloroethene	4.051	96	68191	21.693	ug/L	88
13) Acetone	4.118	43	24513	40.728	ug/L	99
14) Carbon disulfide	4.399	76	201343	21.027	ug/L	99
15) Methyl Acetate	4.667	43	28512	33.517	ug/L	95
16) Methylene chloride	4.923	84	77761	22.355	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	73677	21.935	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	105423	25.629	ug/L	100
19) 1,1-Dichloroethane	6.222	63	123603	23.274	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	83373	23.586	ug/L	96
22) 2-Butanone	7.173	43	34844	51.838	ug/L	99
23) Bromochloromethane	7.514	128	39751	23.954	ug/L	95
25) Chloroform	7.673	83	140829	23.741	ug/L	98

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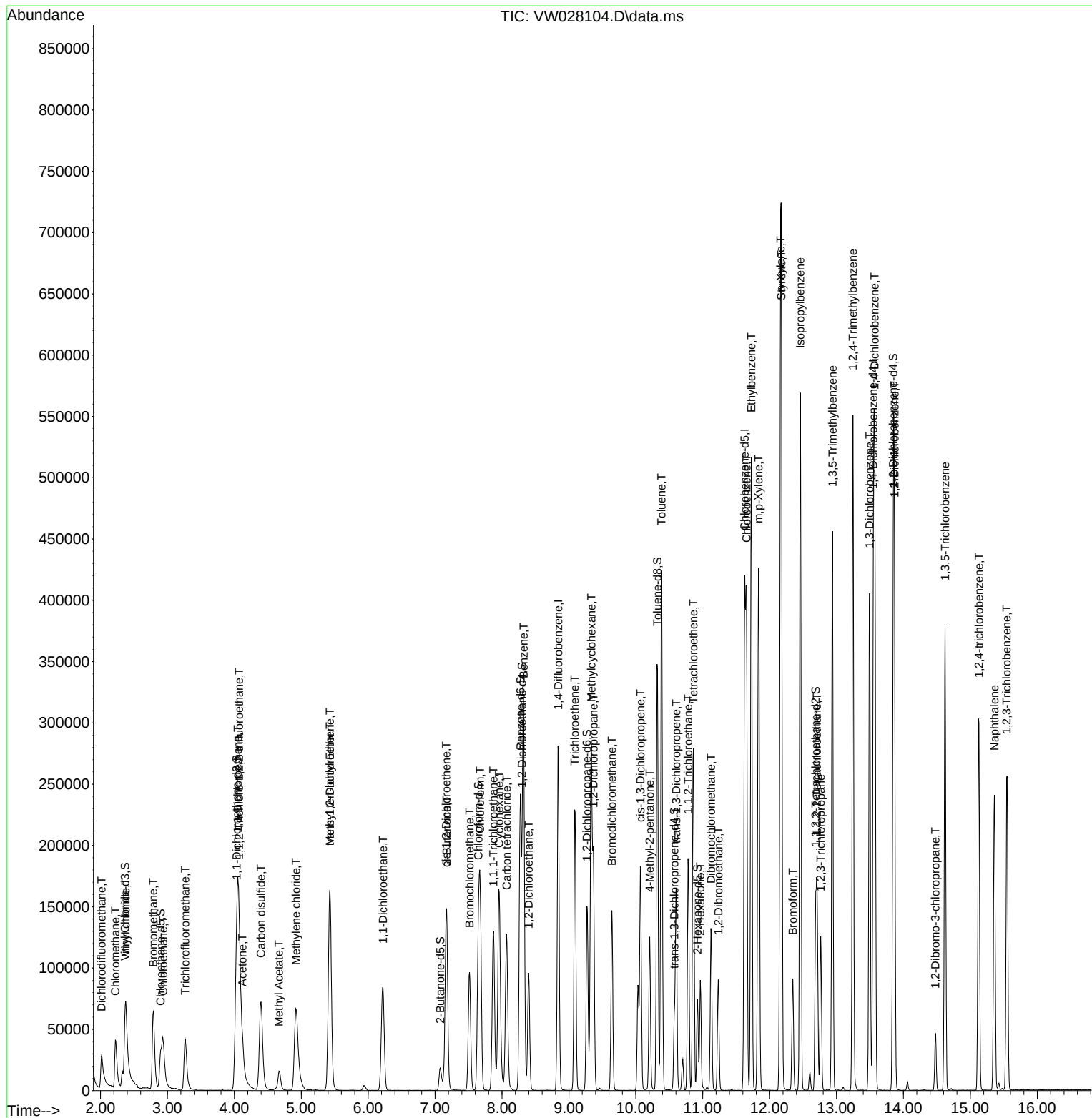
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89685	25.426	ug/L	100
29) Cyclohexane	7.959	56	96362	21.447	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	113254	21.710	ug/L	99
31) Carbon tetrachloride	8.069	117	104609	21.474	ug/L	100
33) Benzene	8.325	78	292618	23.182	ug/L	100
34) Trichloroethene	9.087	95	80725	21.827	ug/L	94
35) Methylcyclohexane	9.337	83	129807	21.686	ug/L	98
37) 1,2-Dichloropropane	9.368	63	69772	23.736	ug/L	100
38) Bromodichloromethane	9.642	83	101893	23.999	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	114569	23.701	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	73410	62.877	ug/L	98
42) Toluene	10.386	91	330489	23.172	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	97222	24.758	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	61471	24.935	ug/L	96
46) Tetrachloroethene	10.861	164	66849	21.567	ug/L	89
48) 2-Hexanone	10.965	43	50208	53.185	ug/L	99
49) Dibromochloromethane	11.123	129	72684	25.362	ug/L	91
50) 1,2-Dibromoethane	11.233	107	60653	25.545	ug/L	94
51) Chlorobenzene	11.654	112	218851	22.997	ug/L	95
52) Ethylbenzene	11.727	91	368034	22.570	ug/L	96
53) m,p-Xylene	11.837	106	147243	23.273	ug/L	94
54) o-Xylene	12.166	106	137393	22.946	ug/L	98
55) Styrene	12.178	104	242953	23.792	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	74570	28.053	ug/L	97
59) Bromoform	12.349	173	43249	24.615	ug/L	98
60) Isopropylbenzene	12.458	105	373191	21.949	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	52361	27.483	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	246129	22.079	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	301426	22.674	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	177923	22.642	ug/L	89
65) 1,4-Dichlorobenzene	13.568	146	172107	21.695	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	160534	22.680	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	11878	29.684	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	117944	20.339	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	100534	21.587	ug/L	98
71) Naphthalene	15.360	128	220706	28.977	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	89306	22.932	ug/L	98

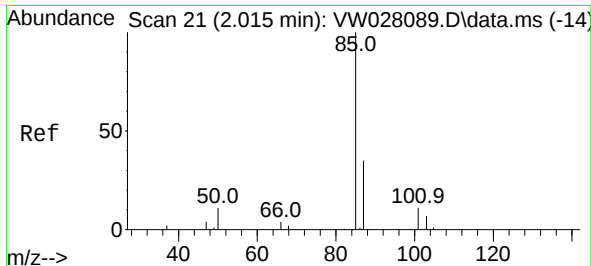
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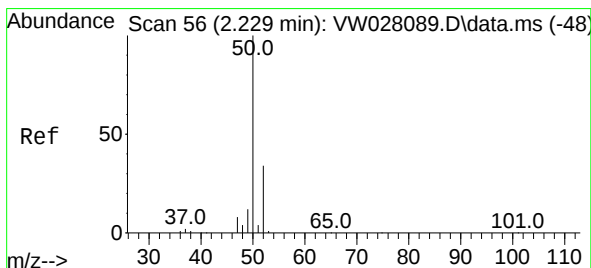
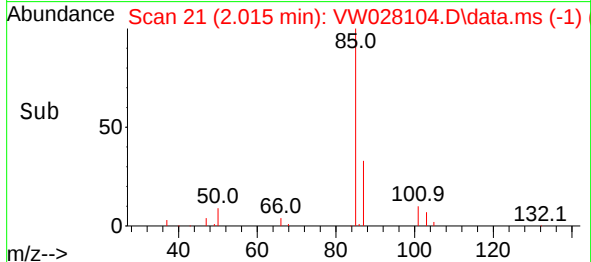
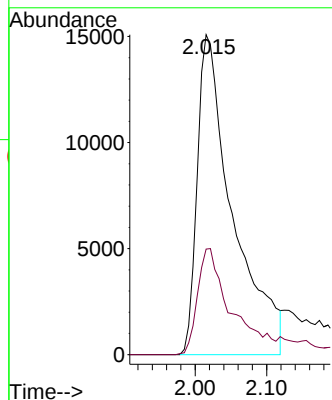
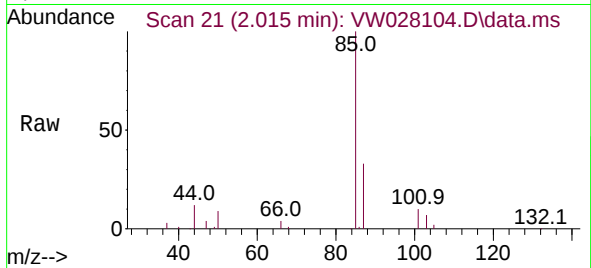




#2
 Dichlorodifluoromethane
 Concen: 20.029 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028104.D
 Acq: 05 Mar 2024 19:38

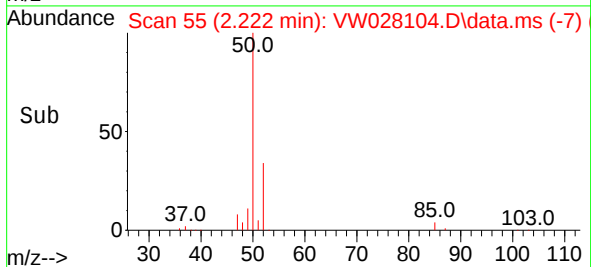
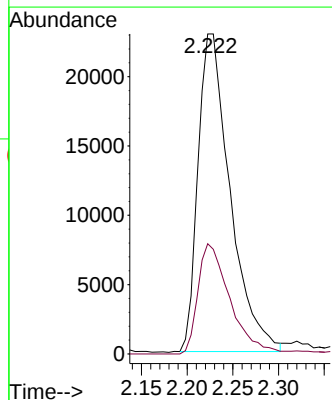
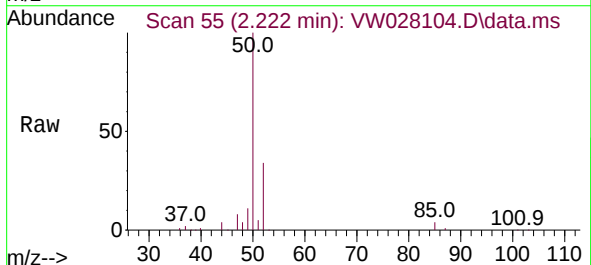
Instrument :
 MSVOA_W
 ClientSampleId :

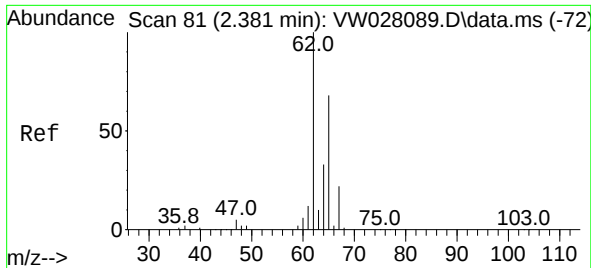
Tgt Ion: 85 Resp: 51744
 Ion Ratio Lower Upper
 85 100
 87 23.4 26.6 39.8#



#3
 Chloromethane
 Concen: 22.822 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW028104.D
 Acq: 05 Mar 2024 19:38

Tgt Ion: 50 Resp: 56057
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.7 43.9

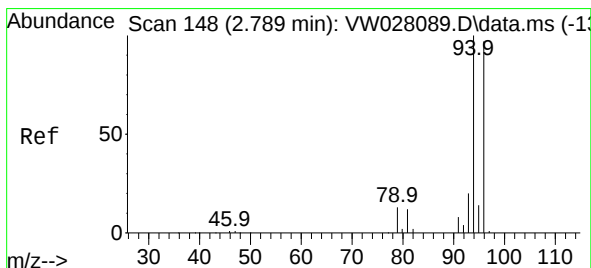
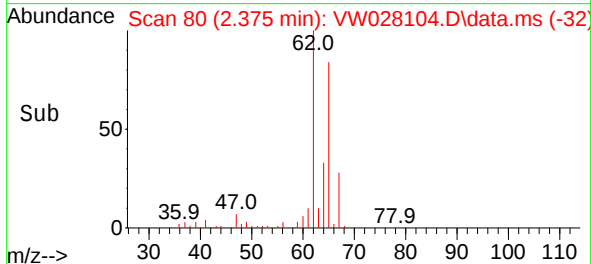
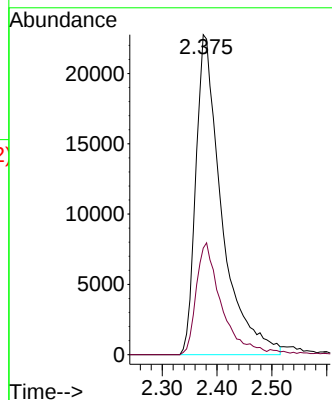
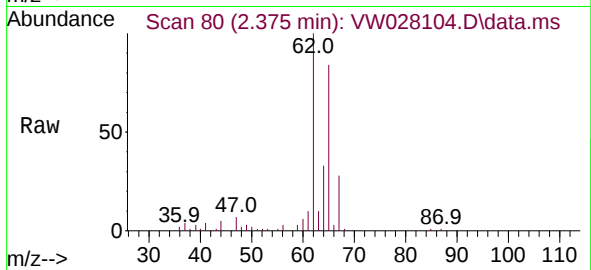




#5
 Vinyl chloride
 Concen: 21.776 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW028104.D
 Acq: 05 Mar 2024 19:38

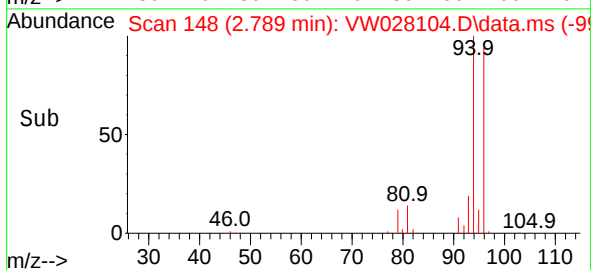
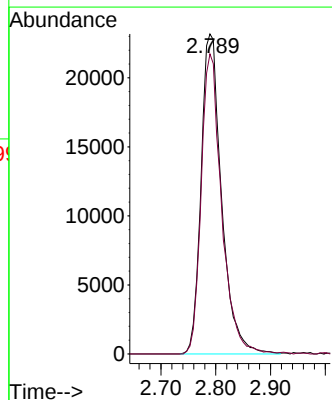
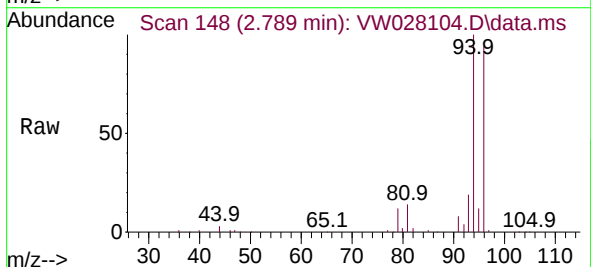
Instrument :
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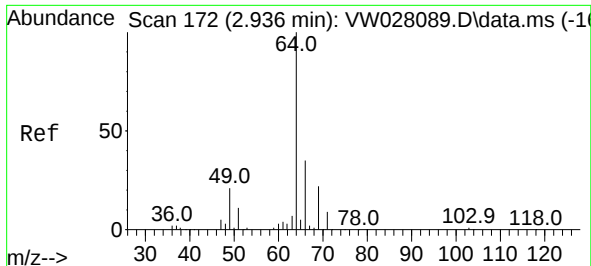
Tgt Ion: 62 Resp: 74541
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.0



#6
 Bromomethane
 Concen: 22.049 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028104.D
 Acq: 05 Mar 2024 19:38

Tgt Ion: 94 Resp: 60215
 Ion Ratio Lower Upper
 94 100
 96 93.8 69.1 128.3

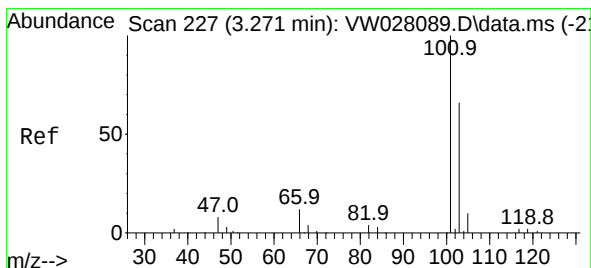
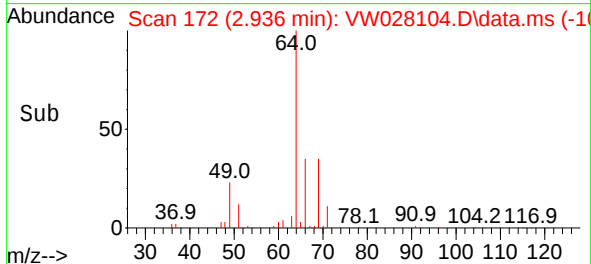
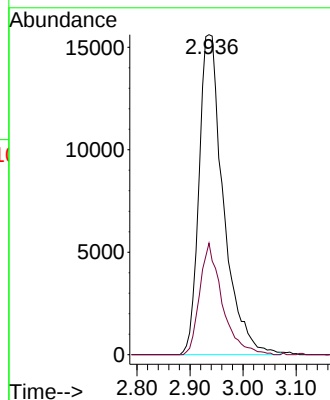
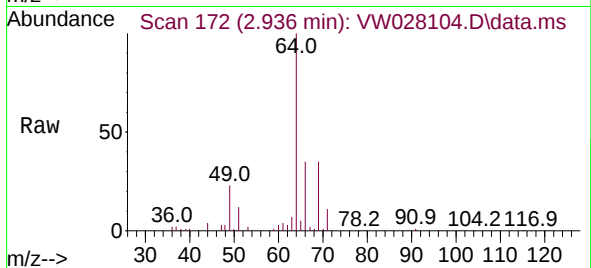




#8
Chloroethane
Concen: 23.204 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

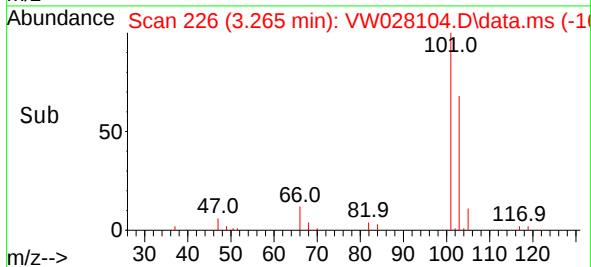
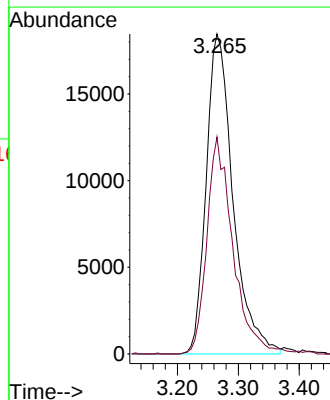
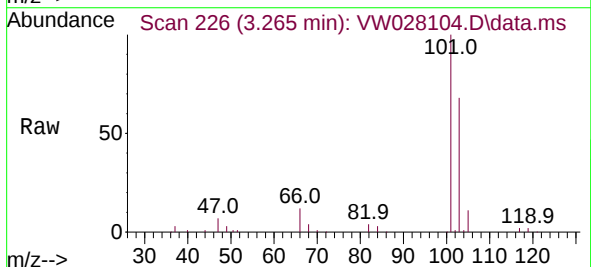
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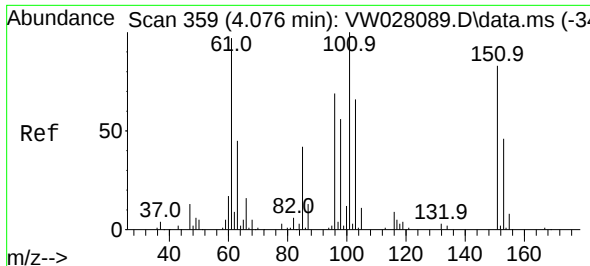
Tgt Ion: 64 Resp: 49882
Ion Ratio Lower Upper
64 100
66 34.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 17.712 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

Tgt Ion:101 Resp: 56551
Ion Ratio Lower Upper
101 100
103 65.8 52.6 78.8





#10

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

Concen: 20.584 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

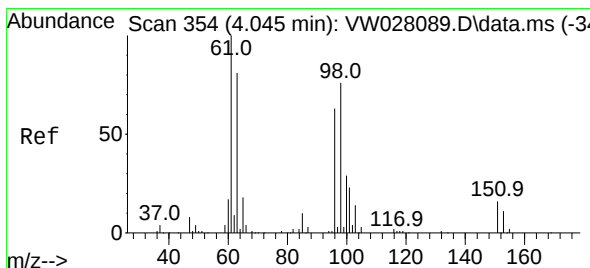
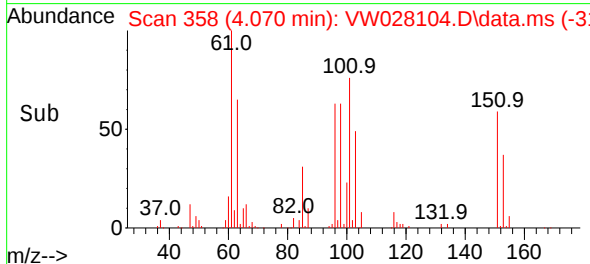
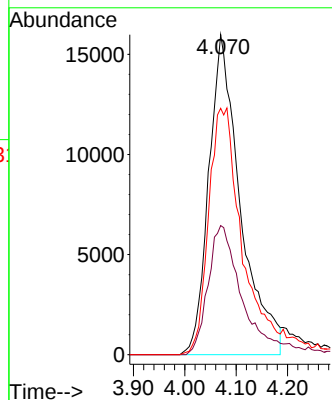
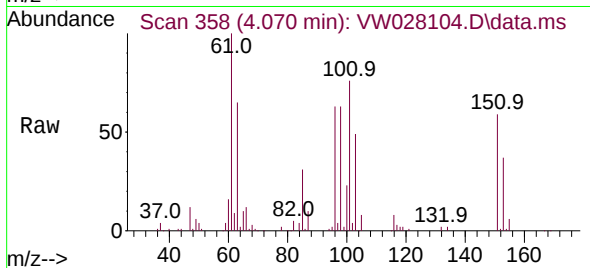
Tgt Ion:101 Resp: 68325

Ion Ratio Lower Upper

101 100

85 42.3 33.1 49.7

151 39.0 53.7 80.5#



#12

1,1-Dichloroethene

Concen: 21.693 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

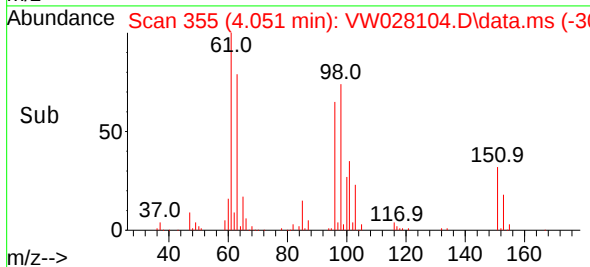
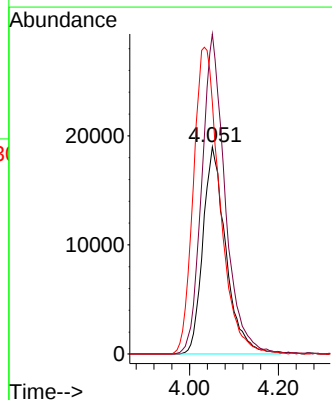
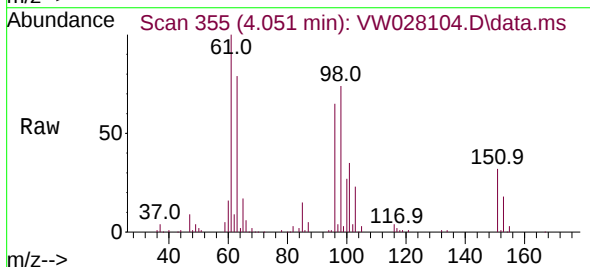
Tgt Ion: 96 Resp: 68191

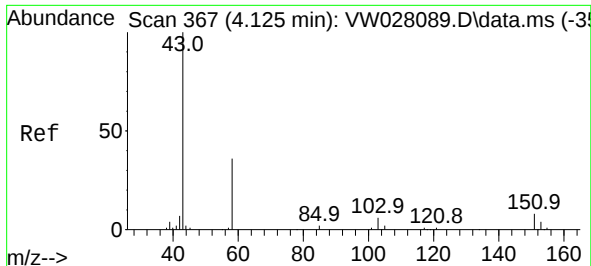
Ion Ratio Lower Upper

96 100

61 154.6 100.5 186.7

63 121.5 72.9 135.5





#13

Acetone

Concen: 40.728 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

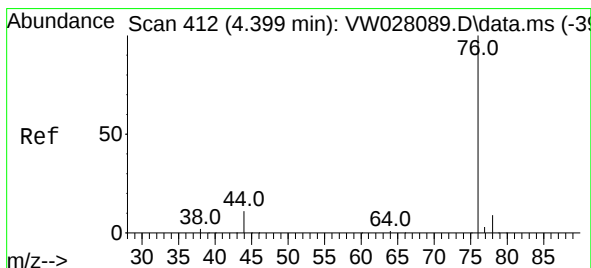
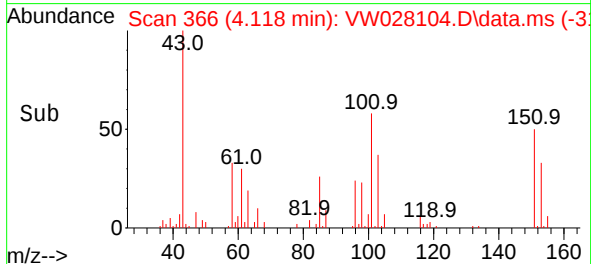
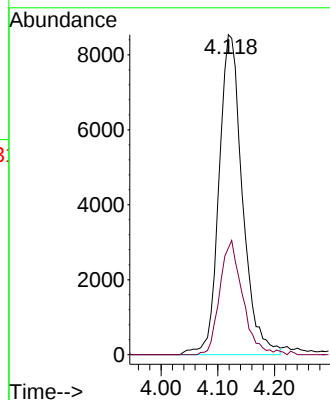
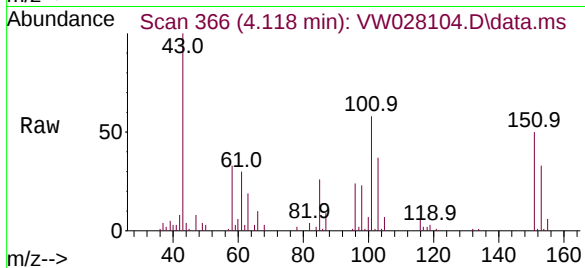
ClientSampleId :

Tgt Ion: 43 Resp: 24513

Ion Ratio Lower Upper

43 100

58 34.4 0.0 70.0



#14

Carbon disulfide

Concen: 21.027 ug/L

RT: 4.399 min Scan# 412

Delta R.T. -0.000 min

Lab File: VW028104.D

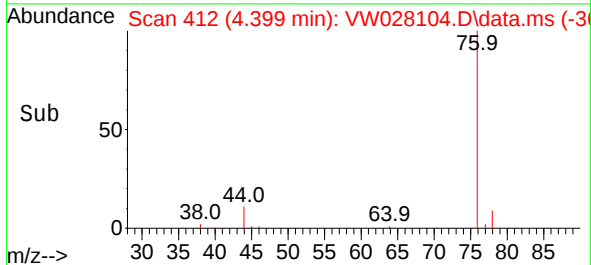
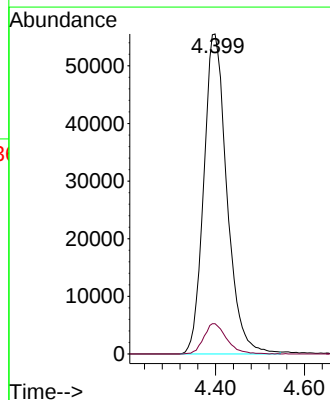
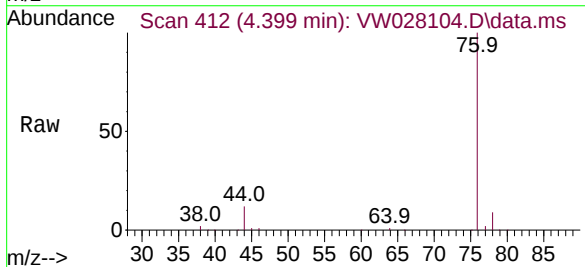
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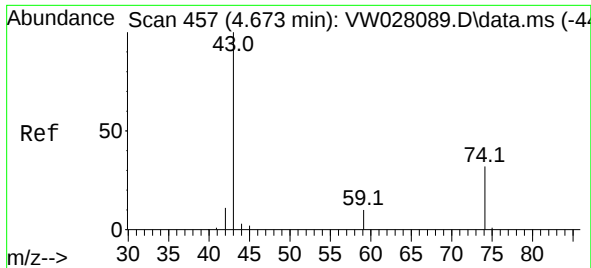
Tgt Ion: 76 Resp: 201343

Ion Ratio Lower Upper

76 100

78 9.5 7.9 11.9

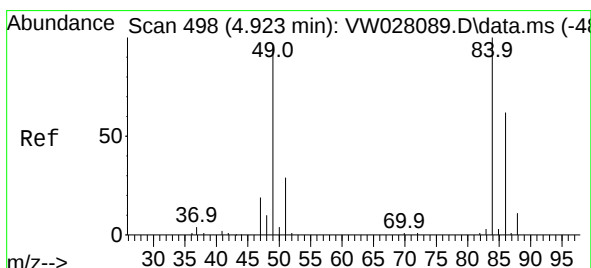
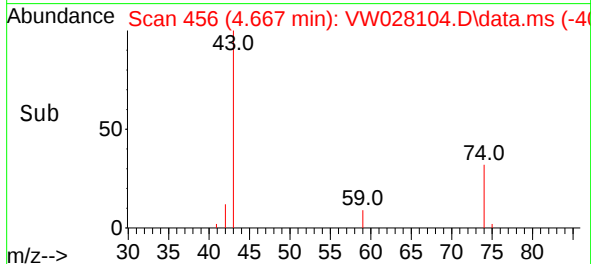
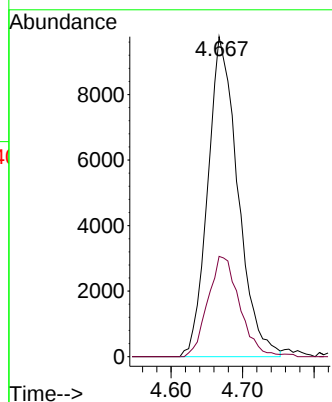
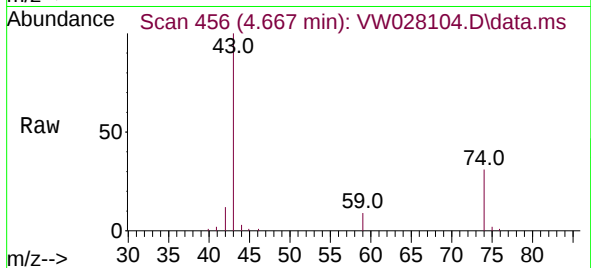




#15
Methyl Acetate
Concen: 33.517 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

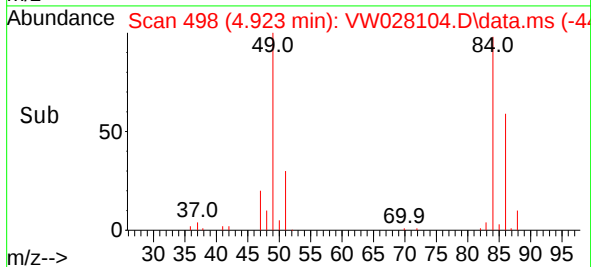
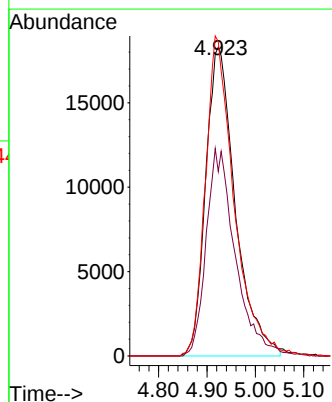
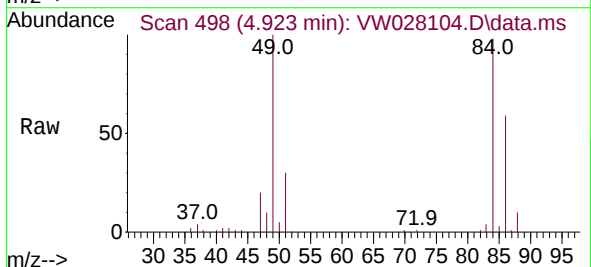
Instrument :
MSVOA_W
ClientSampleId :

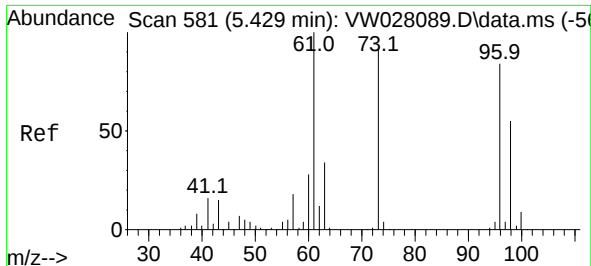
Tgt Ion: 43 Resp: 28512
Ion Ratio Lower Upper
43 100
74 32.9 24.3 36.5



#16
Methylene chloride
Concen: 22.355 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

Tgt Ion: 84 Resp: 77761
Ion Ratio Lower Upper
84 100
86 59.8 41.2 76.6
49 101.8 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 21.935 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

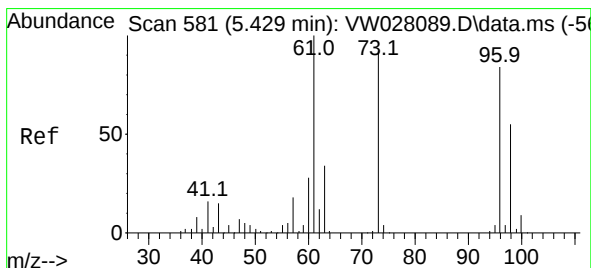
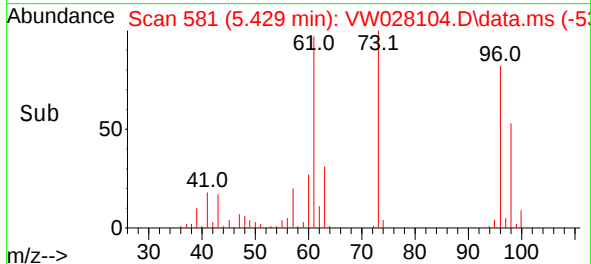
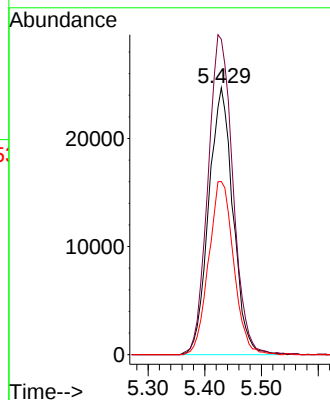
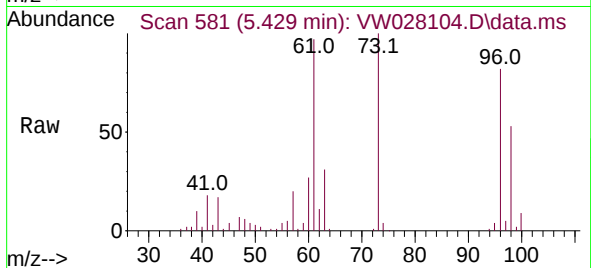
Tgt Ion: 96 Resp: 73677

Ion Ratio Lower Upper

96 100

61 118.2 82.6 153.4

98 64.9 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 25.629 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

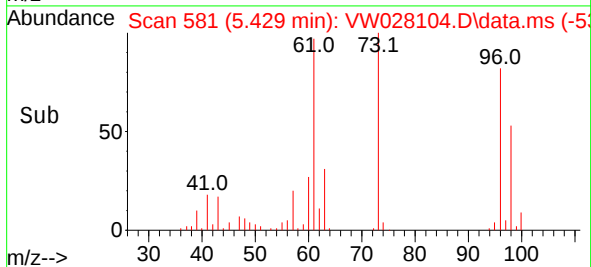
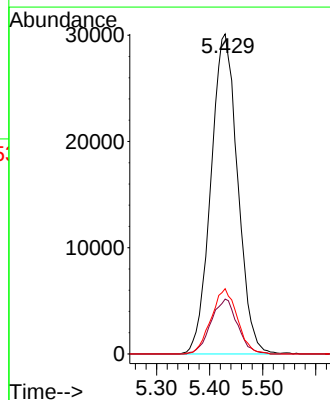
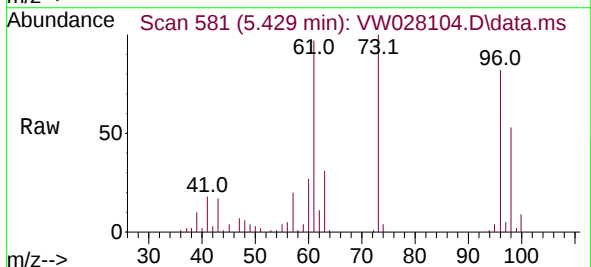
Tgt Ion: 73 Resp: 105423

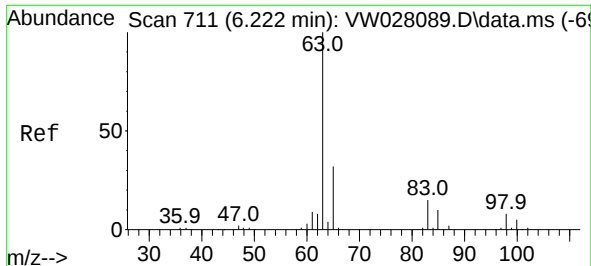
Ion Ratio Lower Upper

73 100

43 17.0 13.3 19.9

57 19.9 15.9 23.9

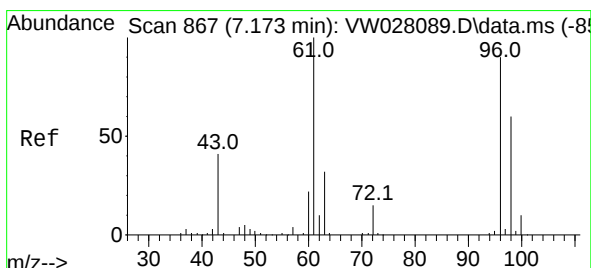
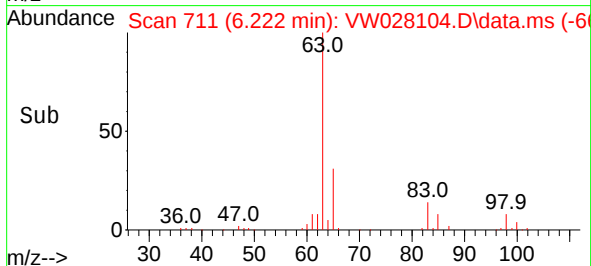
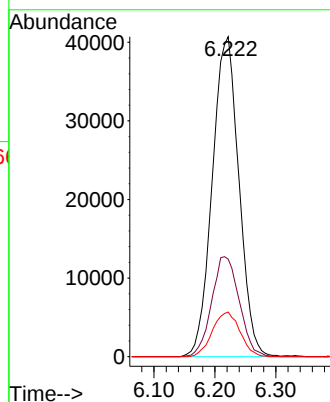
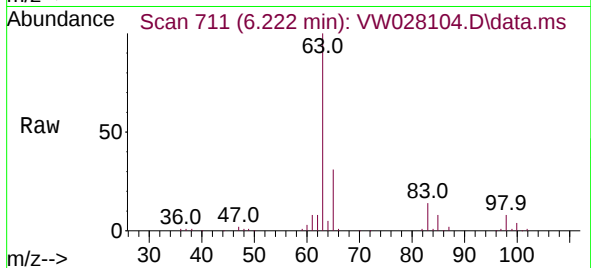




#19
1,1-Dichloroethane
Concen: 23.274 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

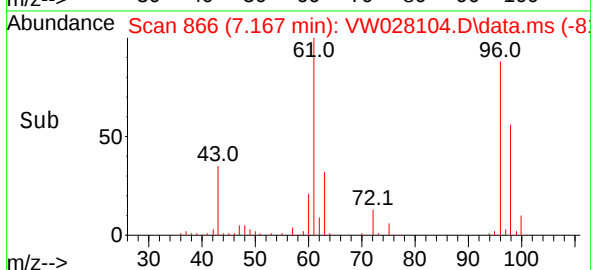
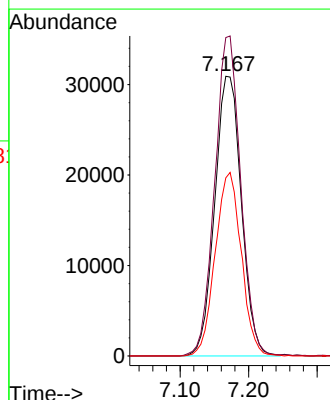
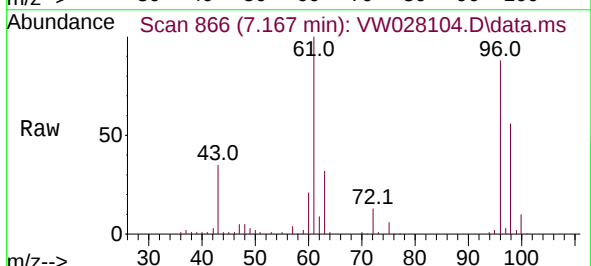
Instrument :
MSVOA_W
ClientSampleId :

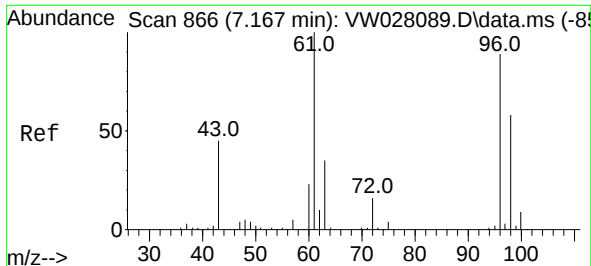
Tgt Ion:	63	Resp:	123603
Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.2	43.0
83	14.0	10.2	19.0



#20
cis-1,2-Dichloroethene
Concen: 23.586 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

Tgt Ion:	96	Resp:	83373
Ion	Ratio	Lower	Upper
96	100		
61	113.8	75.5	140.1
98	63.7	43.8	81.4





#22

2-Butanone

Concen: 51.838 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

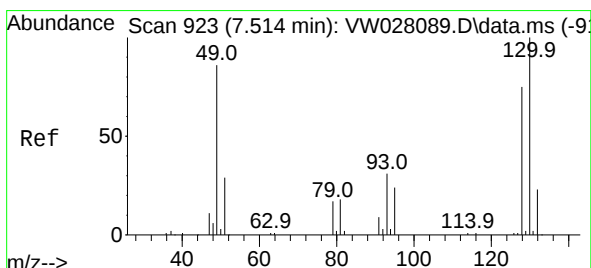
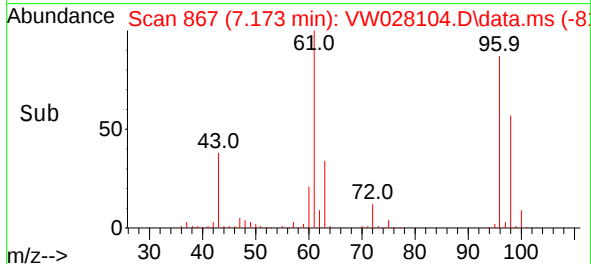
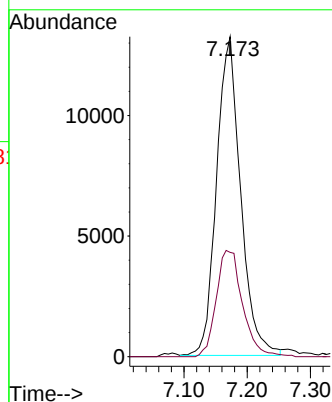
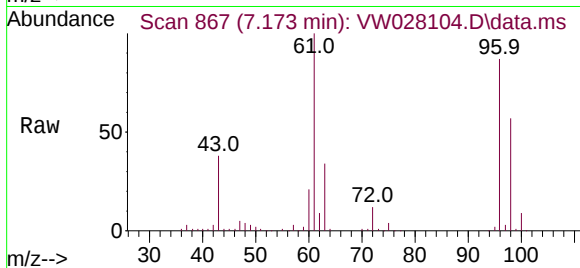
ClientSampleId :

Tgt Ion: 43 Resp: 34844

Ion Ratio Lower Upper

43 100

72 36.3 18.4 55.0



#23

Bromochloromethane

Concen: 23.954 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Tgt Ion: 128 Resp: 39751

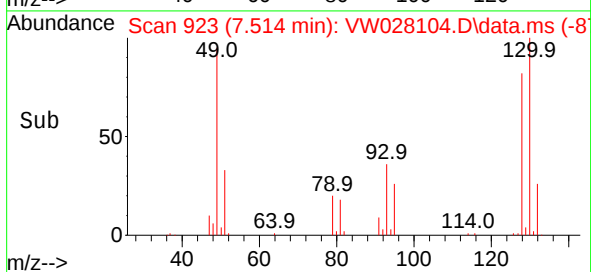
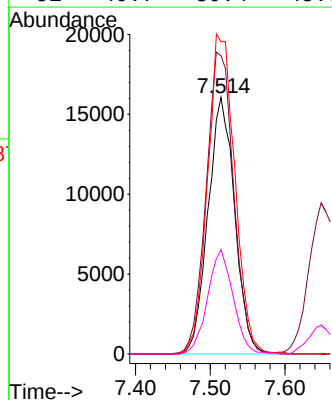
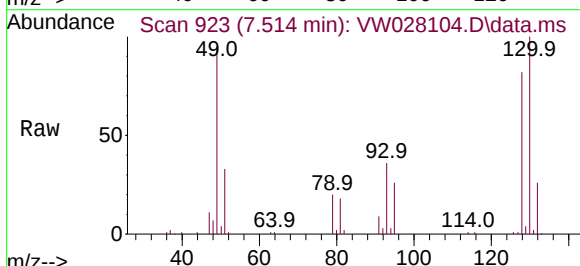
Ion Ratio Lower Upper

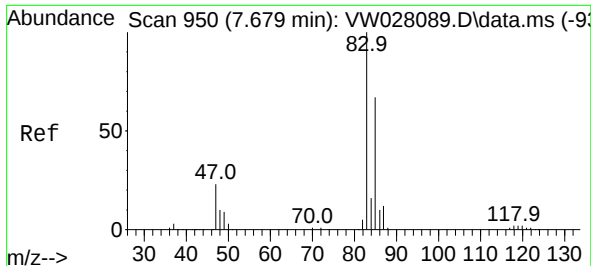
128 100

49 116.3 84.4 156.8

130 121.8 91.1 169.3

51 40.7 30.4 45.6





#25

Chloroform

Concen: 23.741 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

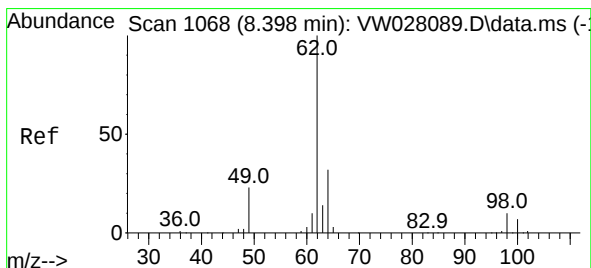
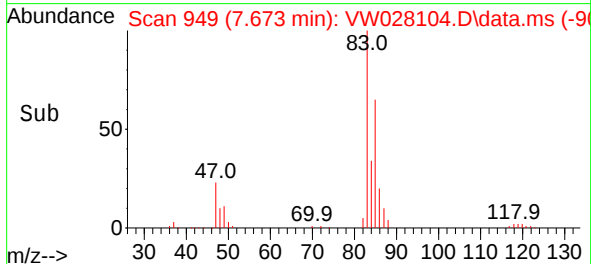
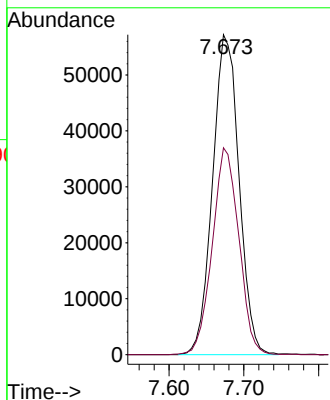
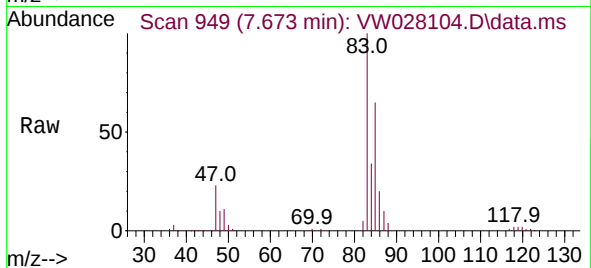
ClientSampleId :

Tgt Ion: 83 Resp: 140829

Ion Ratio Lower Upper

83 100

85 64.7 46.5 86.5



#27

1,2-Dichloroethane

Concen: 25.426 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028104.D

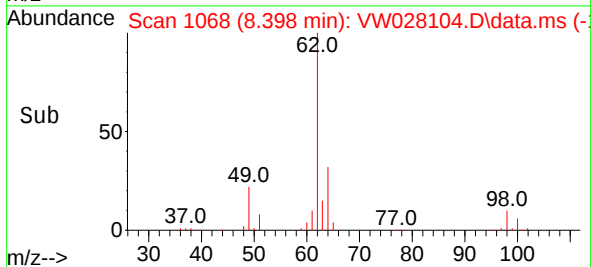
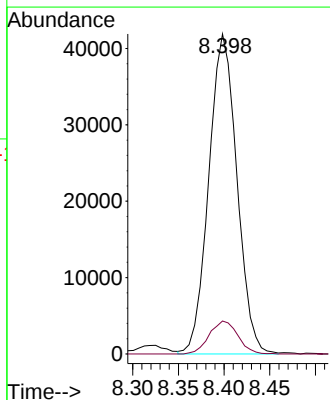
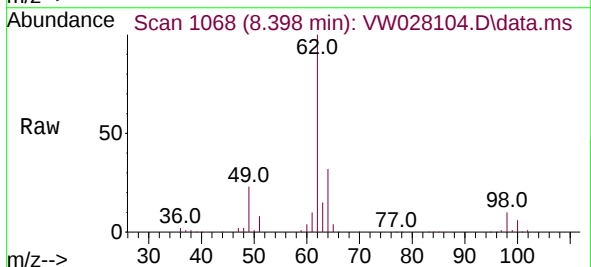
Acq: 05 Mar 2024 19:38

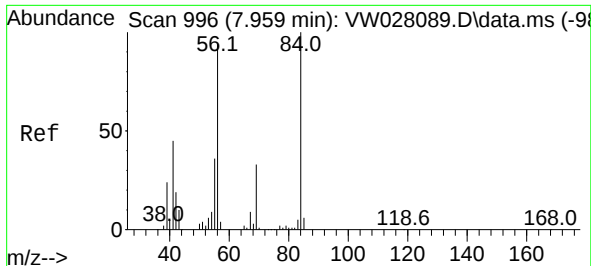
Tgt Ion: 62 Resp: 89685

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

Cyclohexane

Concen: 21.447 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

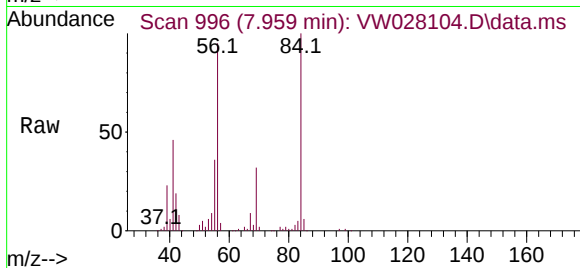
Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :



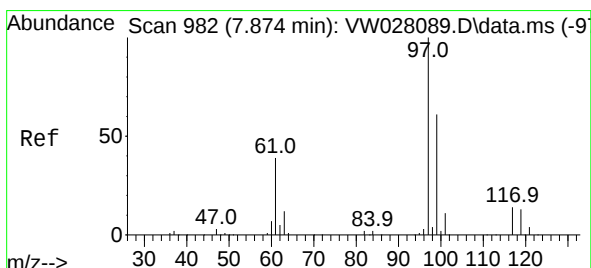
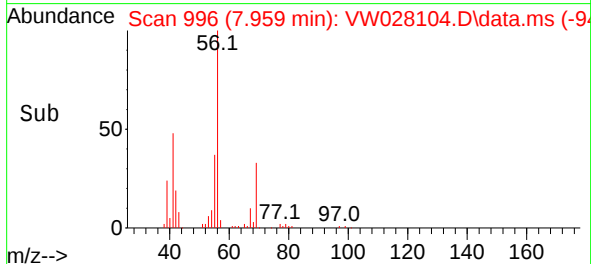
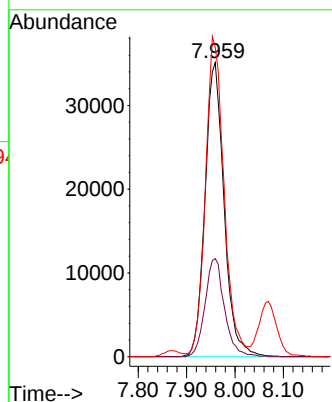
Tgt Ion: 56 Resp: 96362

Ion Ratio Lower Upper

56 100

69 33.8 27.6 41.4

84 105.9 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 21.710 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

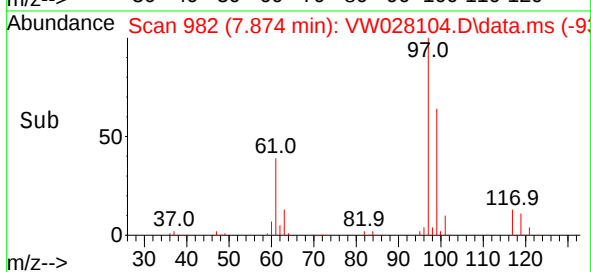
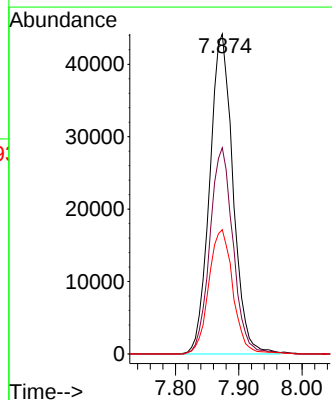
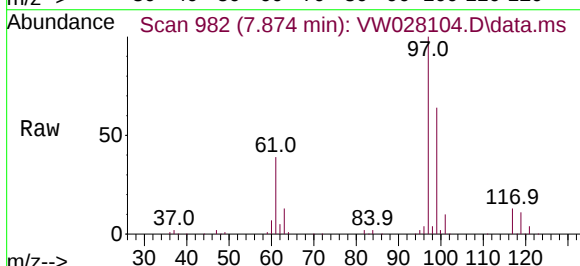
Tgt Ion: 97 Resp: 113254

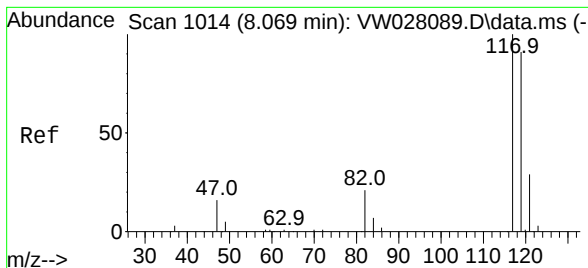
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 40.2 31.8 47.6





#31

Carbon tetrachloride

Concen: 21.474 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

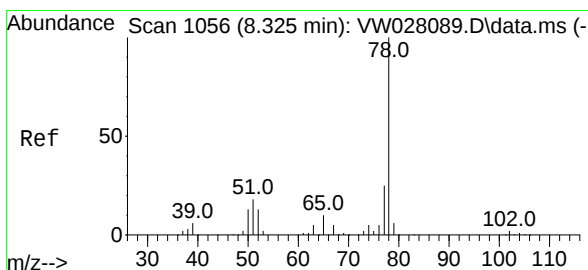
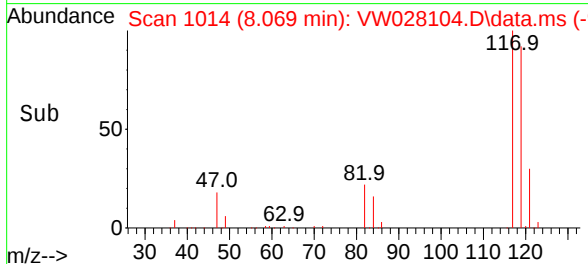
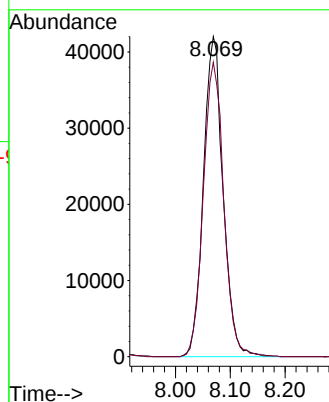
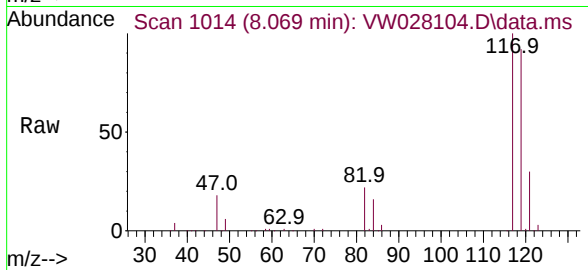
ClientSampleId :

Tgt Ion:117 Resp: 104609

Ion Ratio Lower Upper

117 100

119 95.5 76.8 115.2



#33

Benzene

Concen: 23.182 ug/L

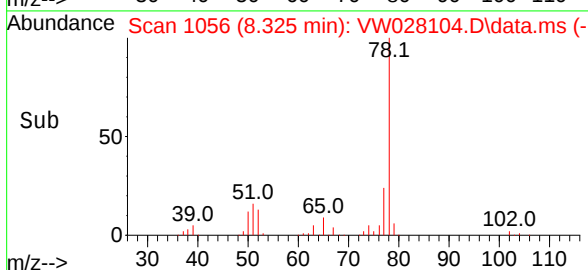
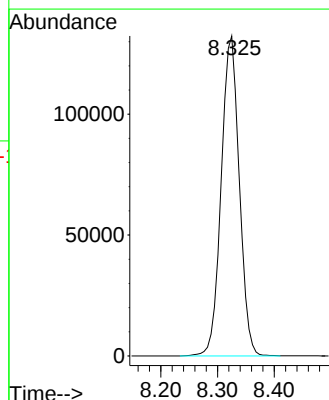
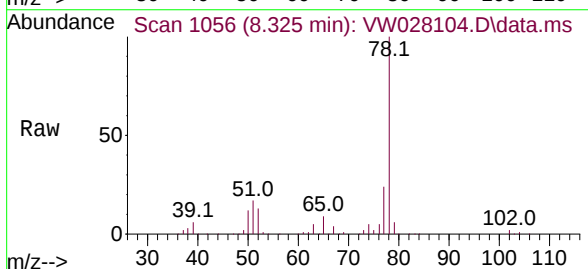
RT: 8.325 min Scan# 1056

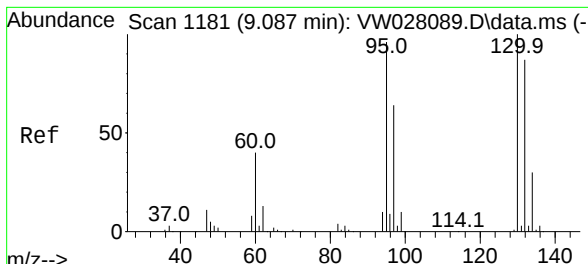
Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Tgt Ion: 78 Resp: 292618





#34

Trichloroethene

Concen: 21.827 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

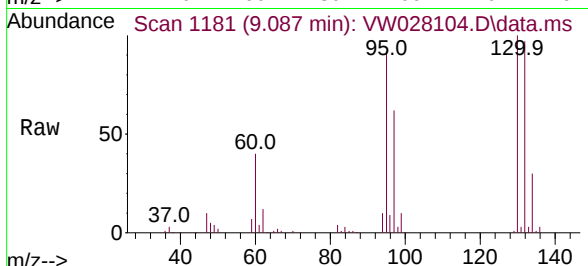
Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 80725

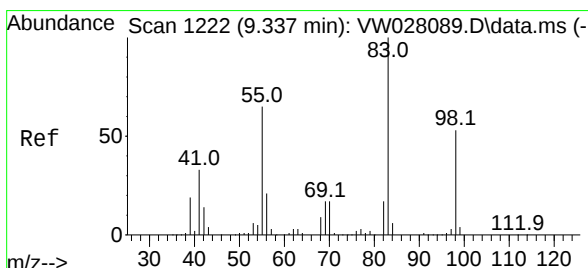
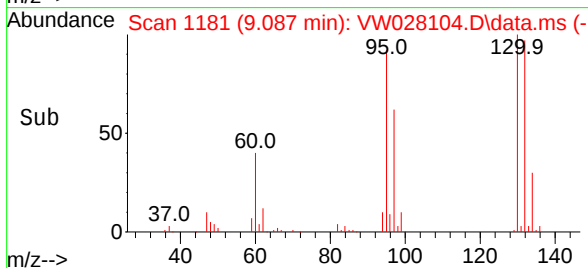
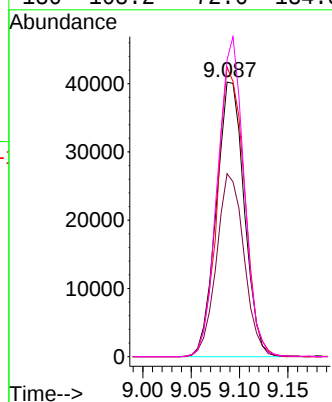
Ion Ratio Lower Upper

95 100

97 66.7 44.5 82.7

132 105.4 68.3 126.9

130 108.2 72.6 134.8



#35

Methylcyclohexane

Concen: 21.686 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

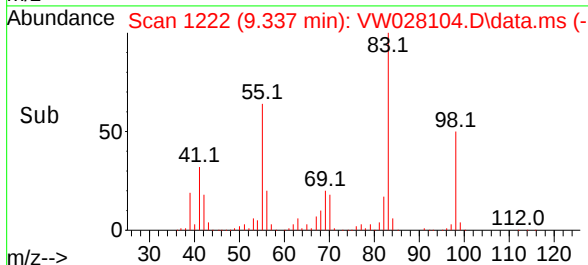
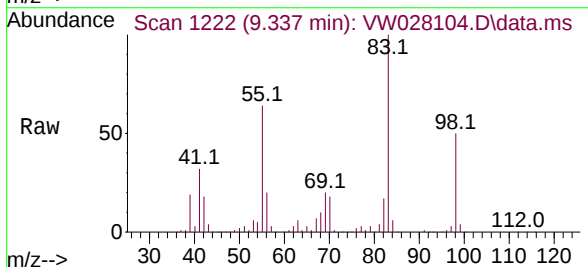
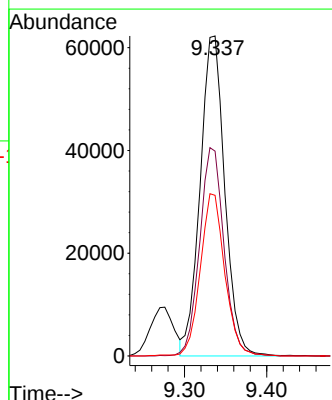
Tgt Ion: 83 Resp: 129807

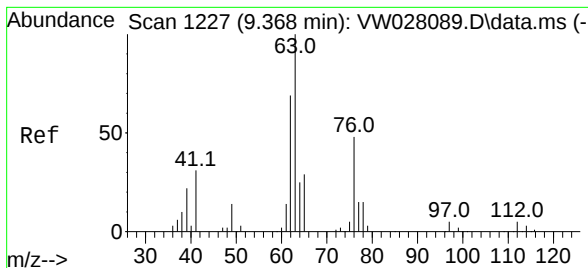
Ion Ratio Lower Upper

83 100

55 64.4 52.1 78.1

98 50.3 42.2 63.4





#37

1,2-Dichloropropane

Concen: 23.736 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

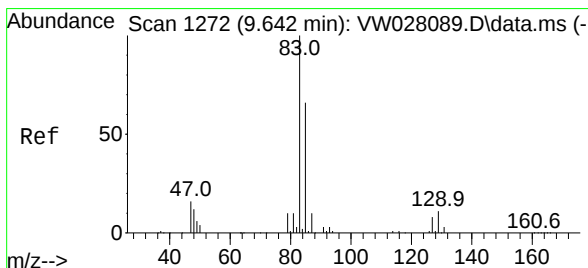
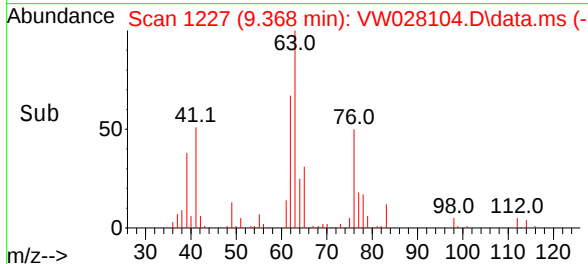
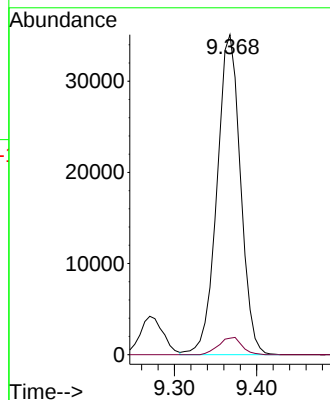
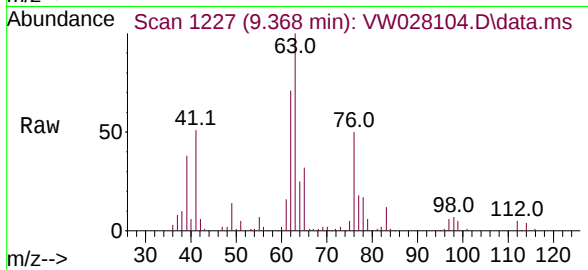
ClientSampleId :

Tgt Ion: 63 Resp: 69772

Ion Ratio Lower Upper

63 100

112 5.3 4.4 6.6



#38

Bromodichloromethane

Concen: 23.999 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

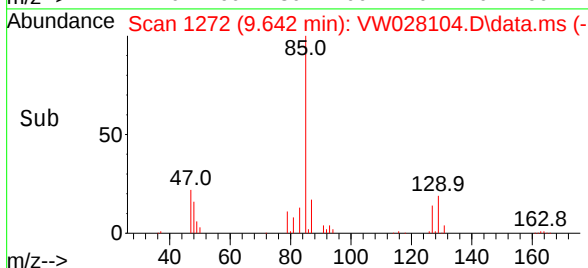
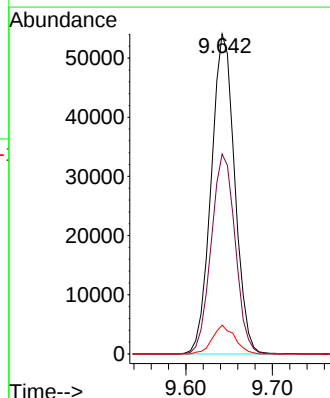
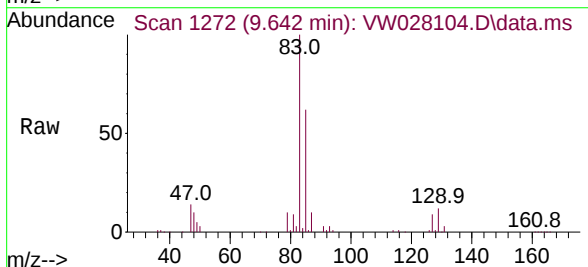
Tgt Ion: 83 Resp: 101893

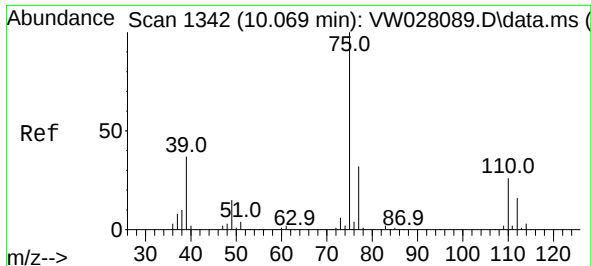
Ion Ratio Lower Upper

83 100

85 62.5 43.3 80.5

127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 23.701 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

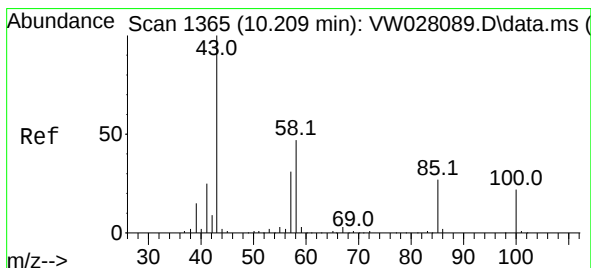
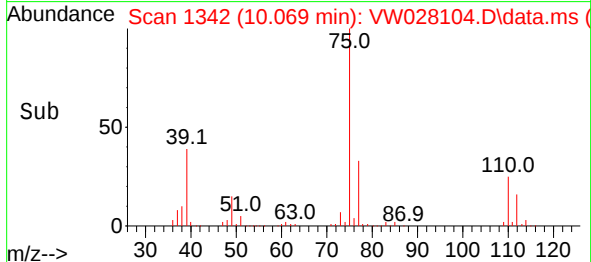
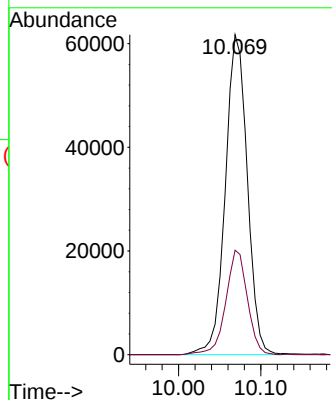
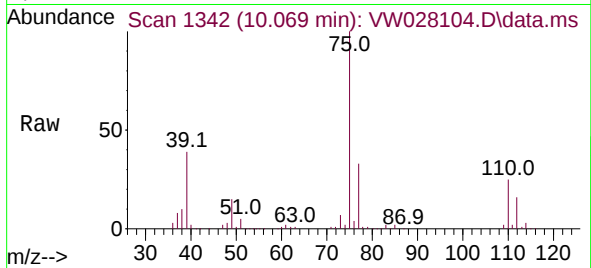
ClientSampleId :

Tgt Ion: 75 Resp: 114569

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 62.877 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

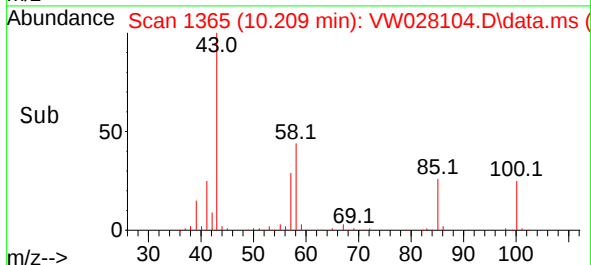
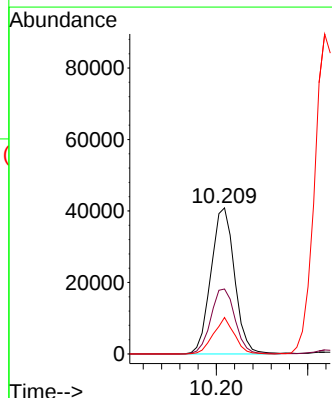
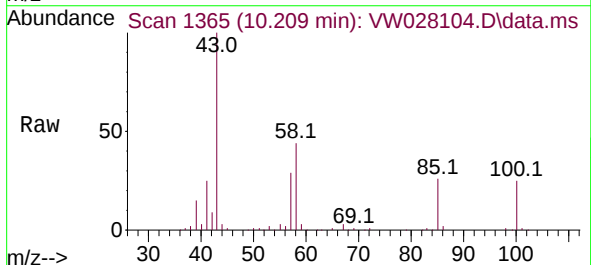
Tgt Ion: 43 Resp: 73410

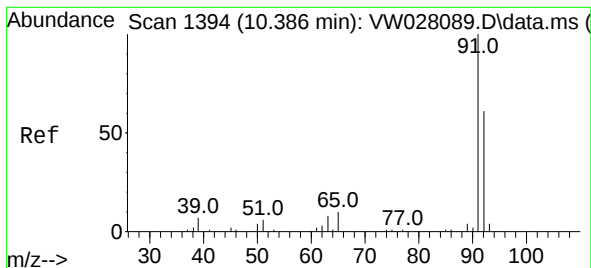
Ion Ratio Lower Upper

43 100

58 45.4 37.8 56.8

100 22.1 18.2 27.4





#42

Toluene

Concen: 23.172 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

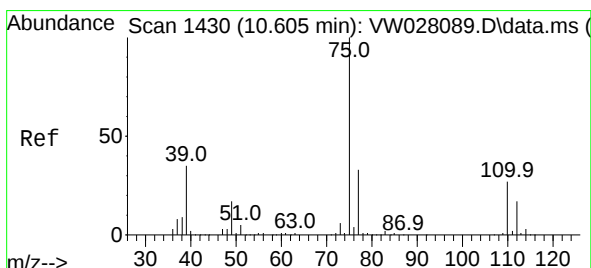
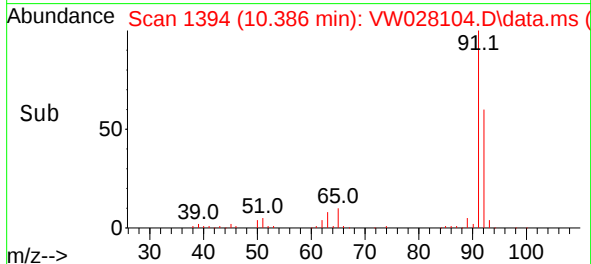
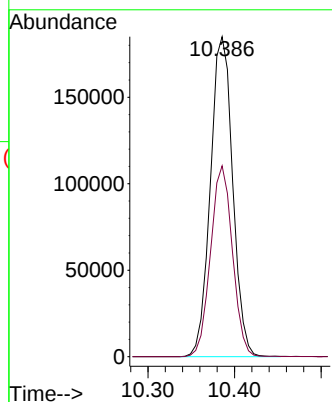
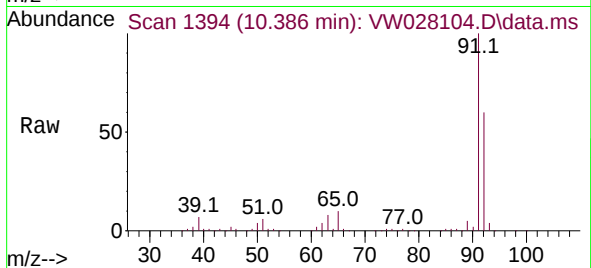
ClientSampleId :

Tgt Ion: 91 Resp: 330489

Ion Ratio Lower Upper

91 100

92 59.6 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 24.758 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028104.D

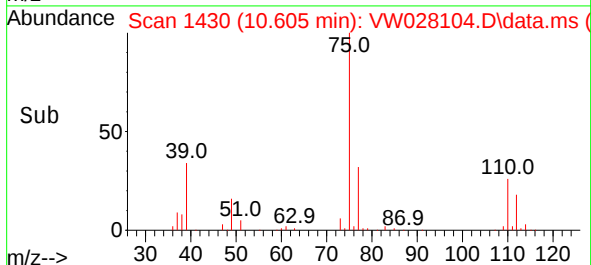
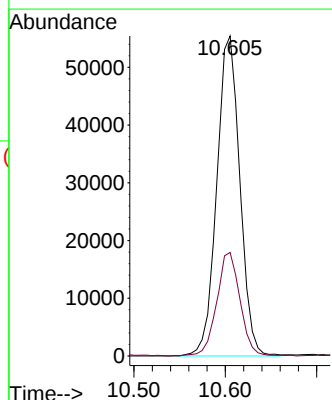
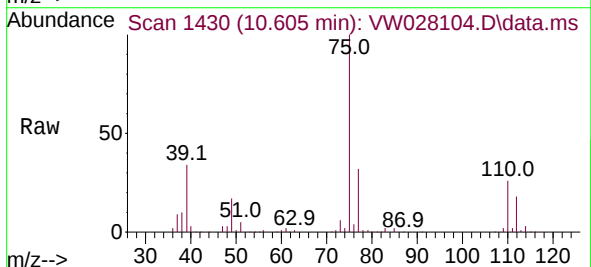
Acq: 05 Mar 2024 19:38

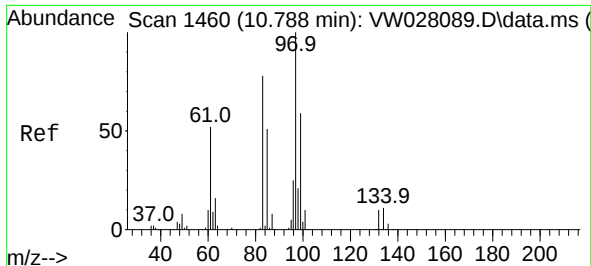
Tgt Ion: 75 Resp: 97222

Ion Ratio Lower Upper

75 100

77 32.4 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 24.935 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 61471

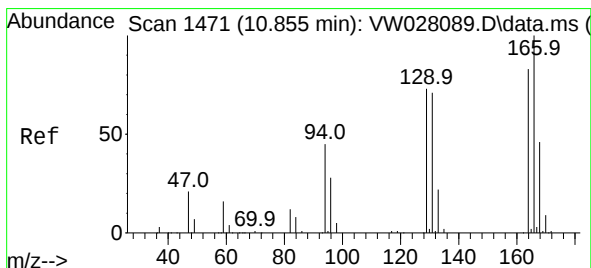
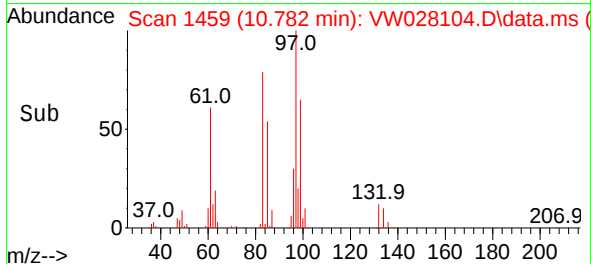
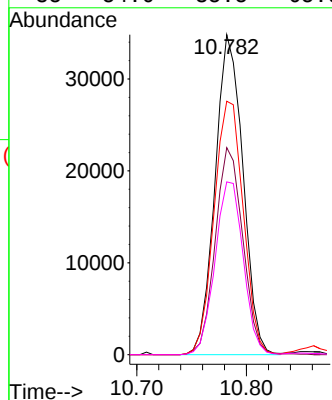
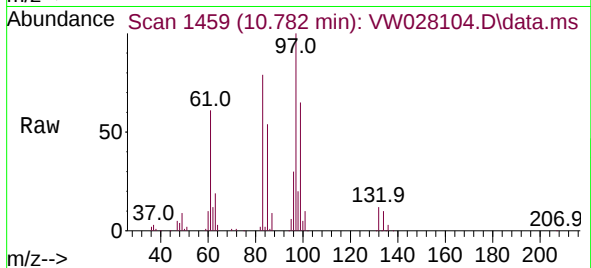
Ion Ratio Lower Upper

97 100

99 64.7 41.9 77.7

83 79.2 56.1 104.1

85 54.0 35.5 65.9



#46

Tetrachloroethene

Concen: 21.567 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Tgt Ion:164 Resp: 66849

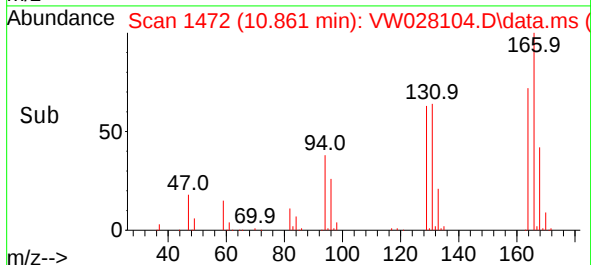
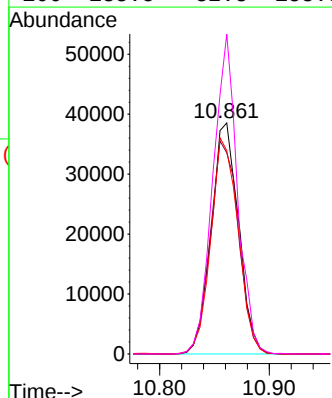
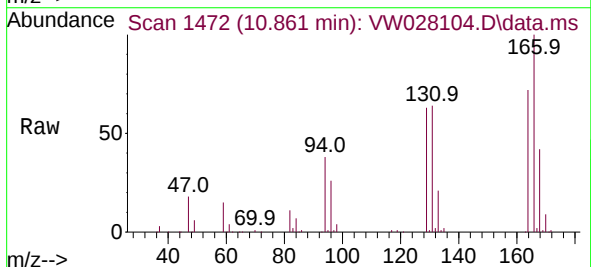
Ion Ratio Lower Upper

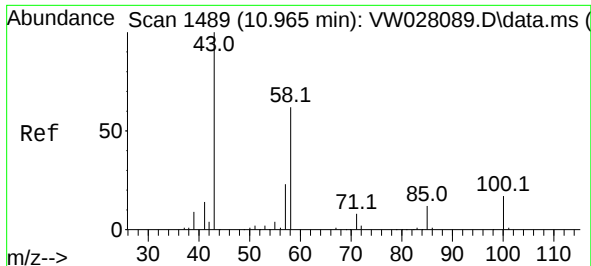
164 100

129 87.0 65.2 121.0

131 88.0 66.2 123.0

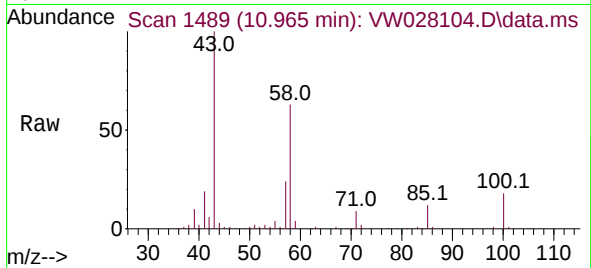
166 138.5 82.8 153.8



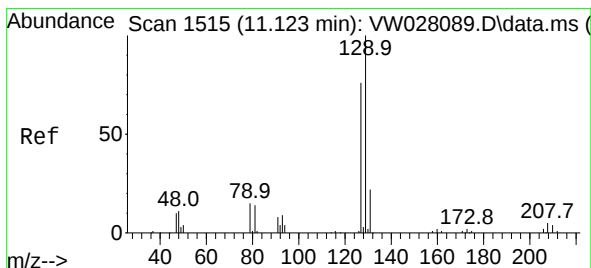
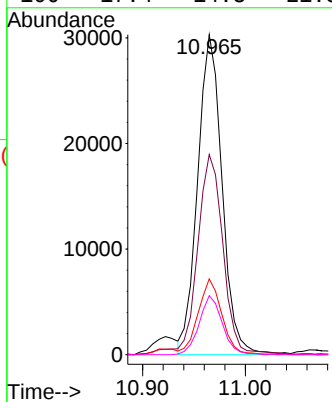
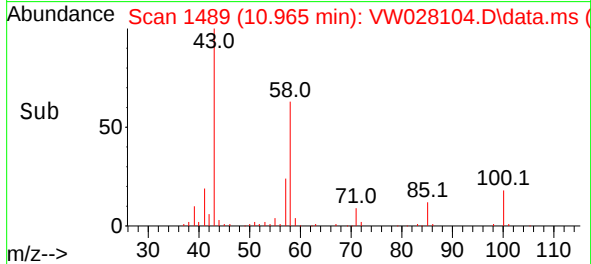


#48
2-Hexanone
Concen: 53.185 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

Instrument :
MSVOA_W
ClientSampleId :

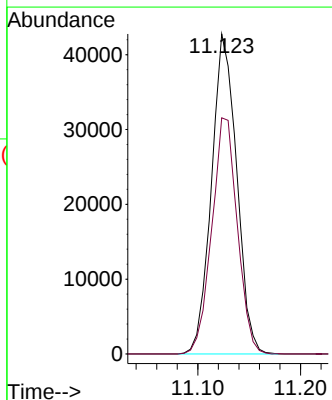
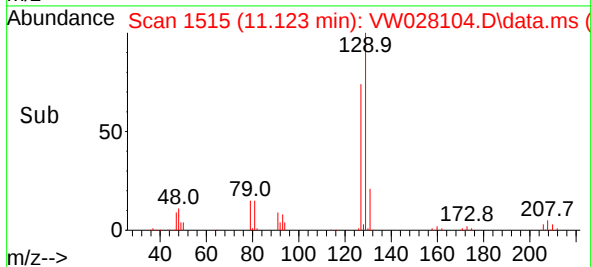
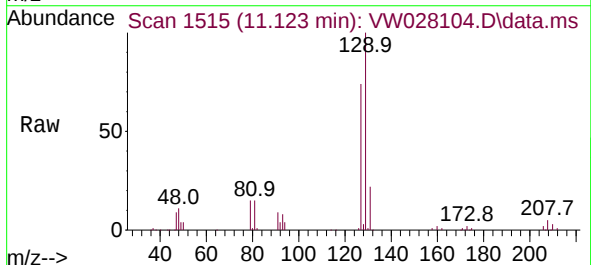


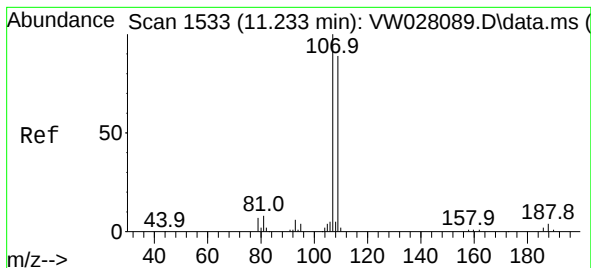
Tgt Ion: 43 Resp: 50208
Ion Ratio Lower Upper
43 100
58 63.4 51.8 77.8
57 23.0 18.2 27.4
100 17.4 14.3 21.5



#49
Dibromochloromethane
Concen: 25.362 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

Tgt Ion: 129 Resp: 72684
Ion Ratio Lower Upper
129 100
127 73.8 57.1 106.1





#50

1,2-Dibromoethane

Concen: 25.545 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028104.D

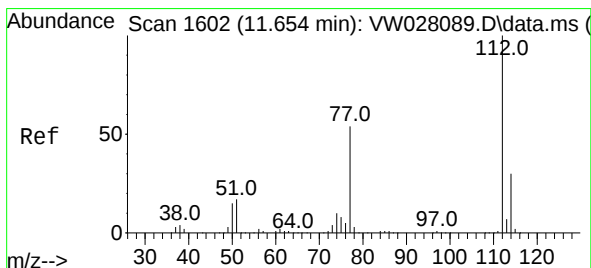
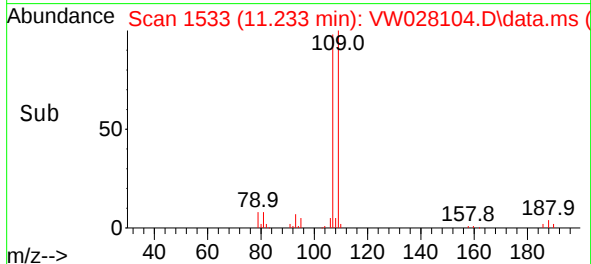
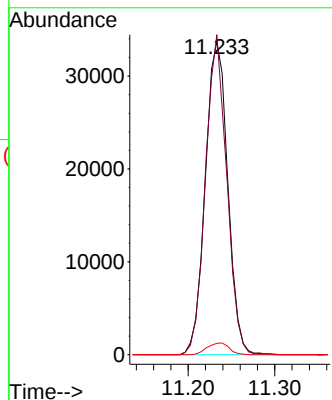
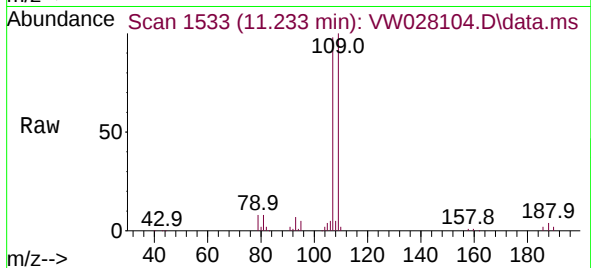
Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	60653
Ion	Ratio	Lower	Upper
107	100		
109	102.3	67.5	125.3
188	3.7	3.1	4.7



#51

Chlorobenzene

Concen: 22.997 ug/L

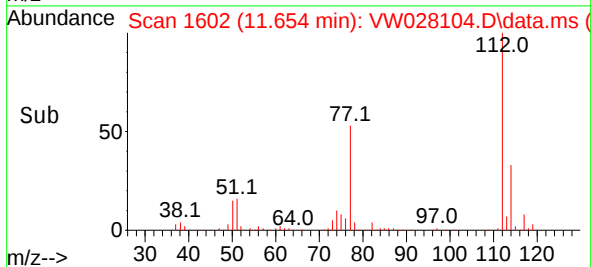
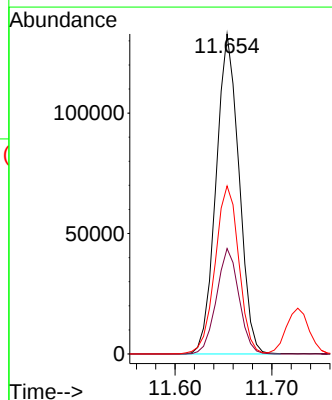
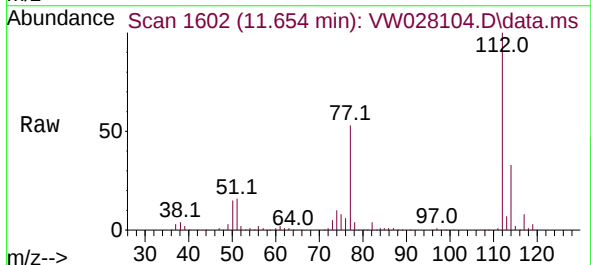
RT: 11.654 min Scan# 1602

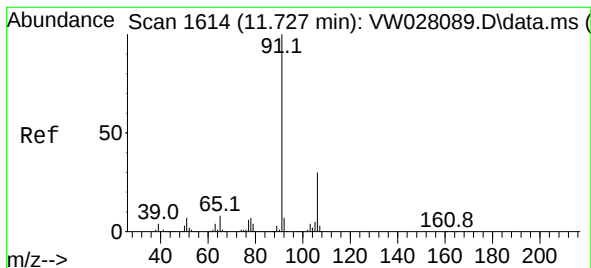
Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Tgt Ion:	112	Resp:	218851
Ion	Ratio	Lower	Upper
112	100		
114	33.0	20.6	38.4
77	52.5	40.0	60.0





#52

Ethylbenzene

Concen: 22.570 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

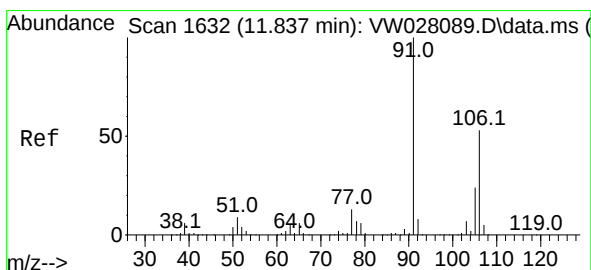
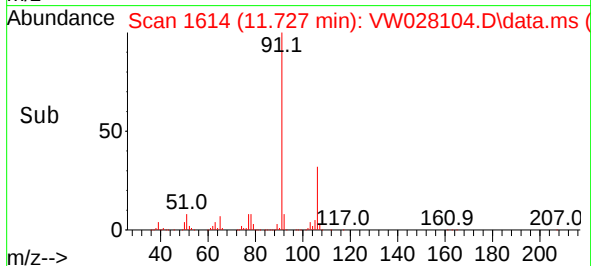
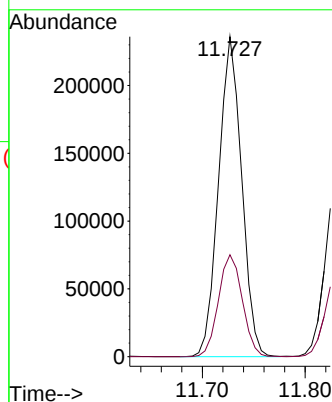
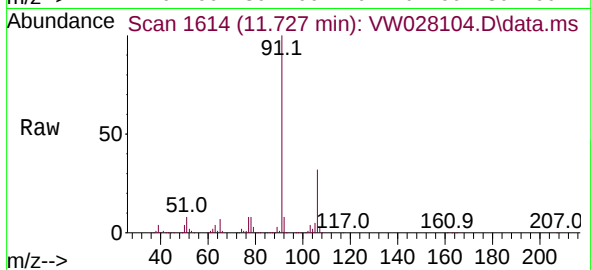
ClientSampleId :

Tgt Ion: 91 Resp: 368034

Ion Ratio Lower Upper

91 100

106 31.8 23.8 44.2



#53

m,p-Xylene

Concen: 23.273 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028104.D

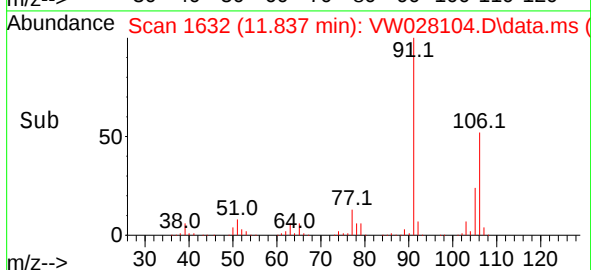
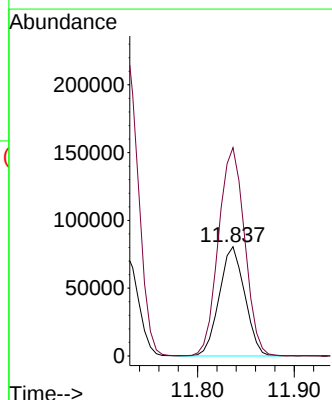
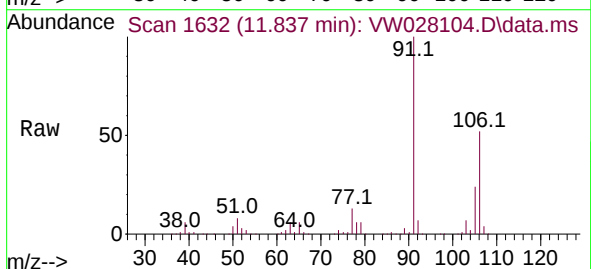
Acq: 05 Mar 2024 19:38

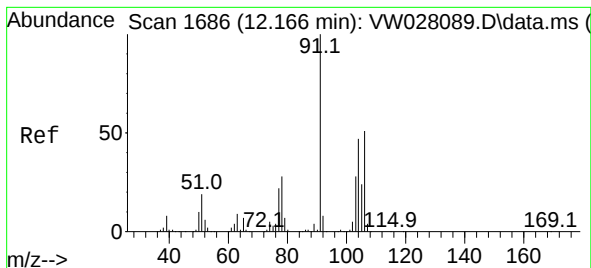
Tgt Ion:106 Resp: 147243

Ion Ratio Lower Upper

106 100

91 190.7 139.7 259.4





#54

o-Xylene

Concen: 22.946 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

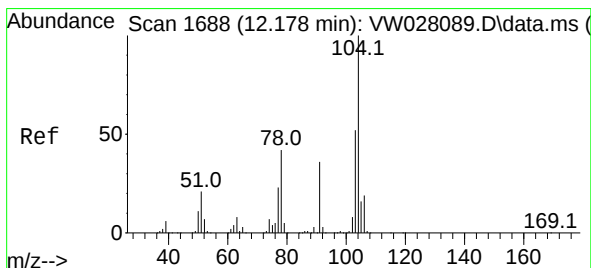
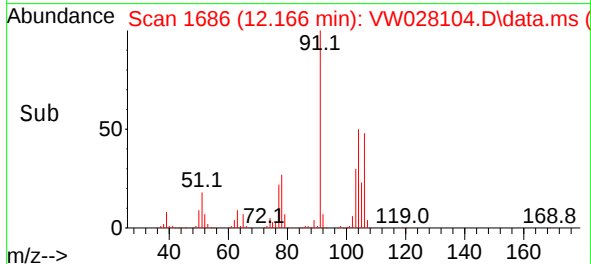
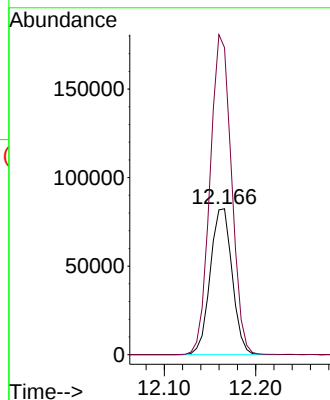
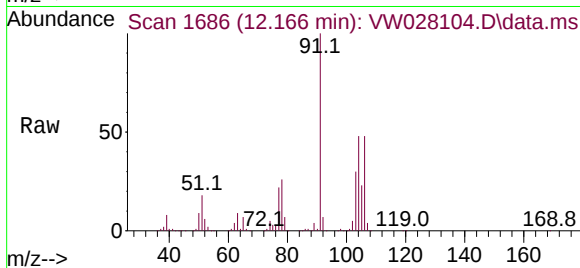
ClientSampleId :

Tgt Ion:106 Resp: 137393

Ion Ratio Lower Upper

106 100

91 210.5 145.2 269.6



#55

Styrene

Concen: 23.792 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028104.D

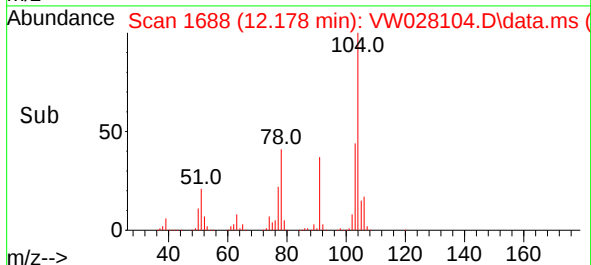
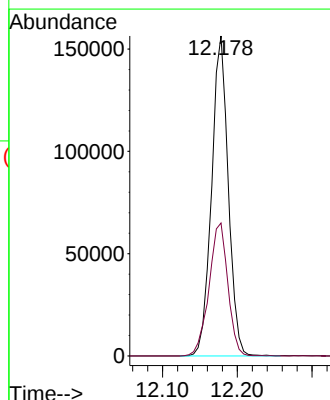
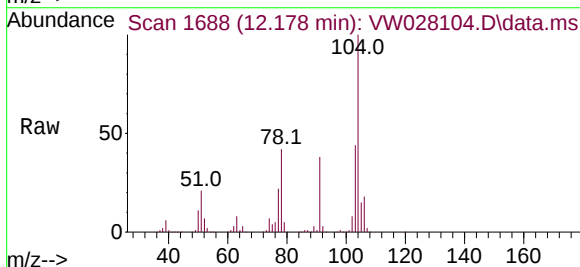
Acq: 05 Mar 2024 19:38

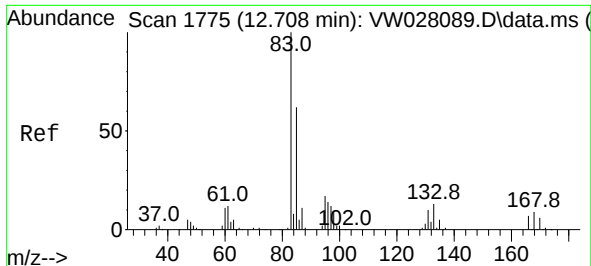
Tgt Ion:104 Resp: 242953

Ion Ratio Lower Upper

104 100

78 41.5 29.1 54.1

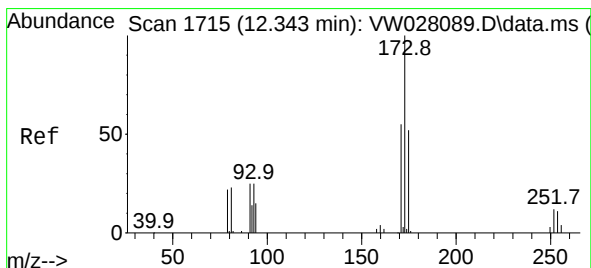
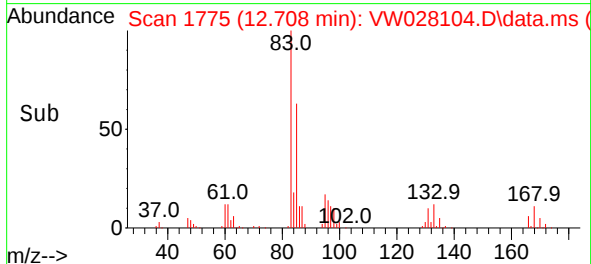
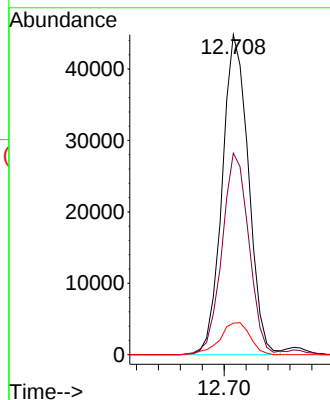
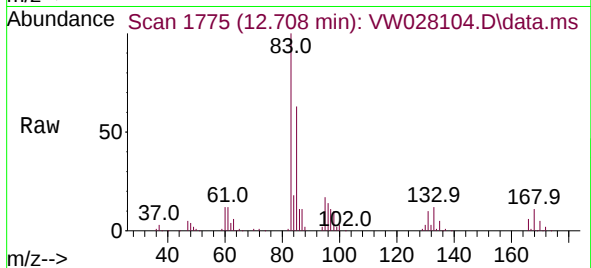




#57
1,1,2,2-Tetrachloroethane
Concen: 28.053 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

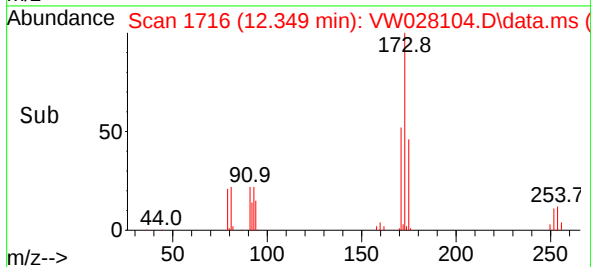
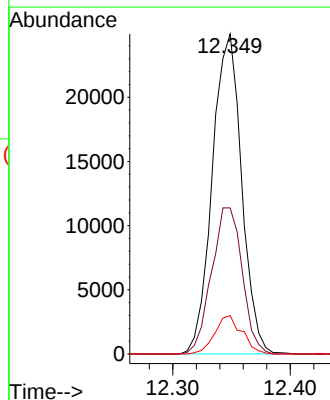
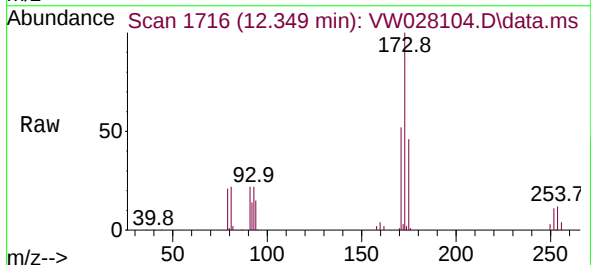
Instrument :
MSVOA_W
ClientSampleId :

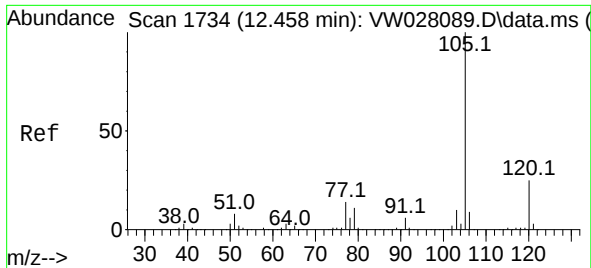
Tgt Ion: 83 Resp: 74570
Ion Ratio Lower Upper
83 100
85 63.0 45.7 84.9
131 9.9 9.7 14.5



#59
Bromoform
Concen: 24.615 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

Tgt Ion:173 Resp: 43249
Ion Ratio Lower Upper
173 100
175 47.7 37.2 55.8
254 11.2 8.5 12.7

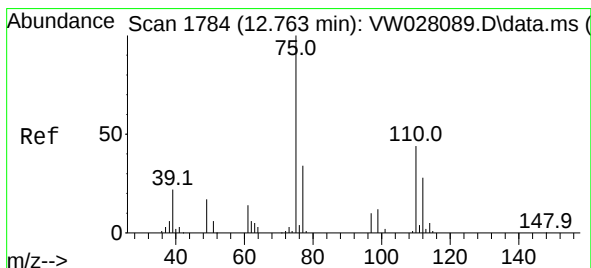
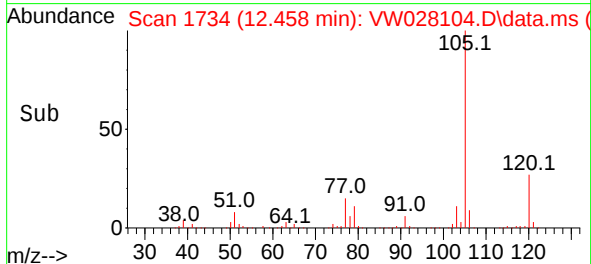
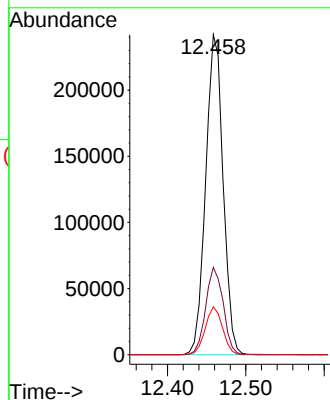
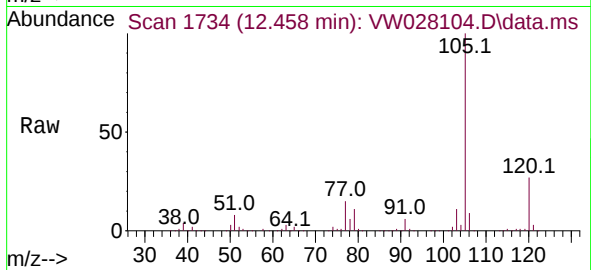




#60
Isopropylbenzene
Concen: 21.949 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

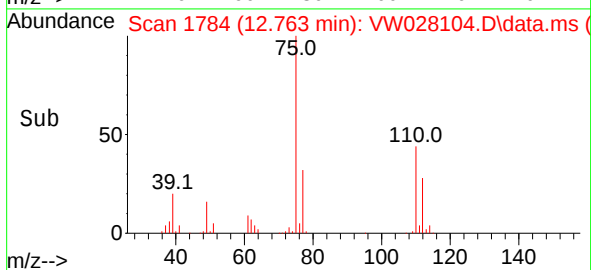
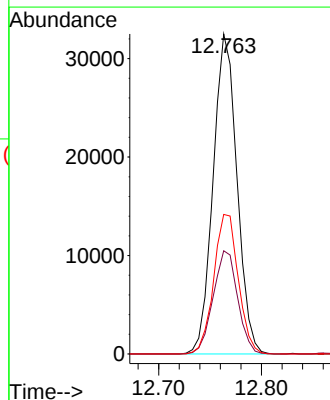
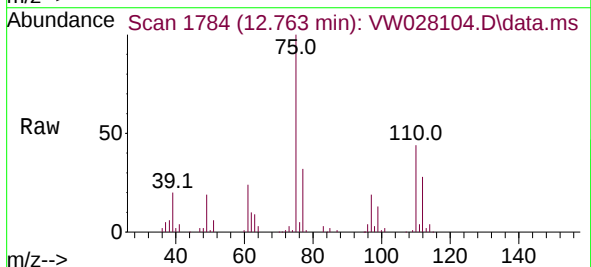
Instrument :
MSVOA_W
ClientSampleId :

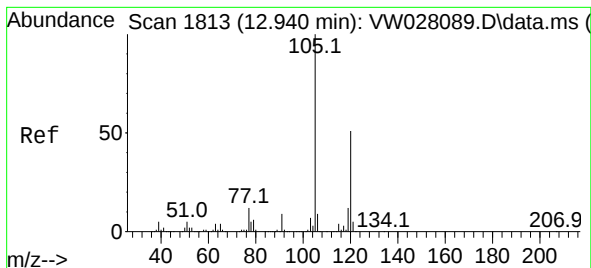
Tgt Ion:105 Resp: 373191
Ion Ratio Lower Upper
105 100
120 27.4 22.2 33.2
77 14.8 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 27.483 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

Tgt Ion: 75 Resp: 52361
Ion Ratio Lower Upper
75 100
77 33.2 25.9 38.9
110 44.8 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 22.079 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

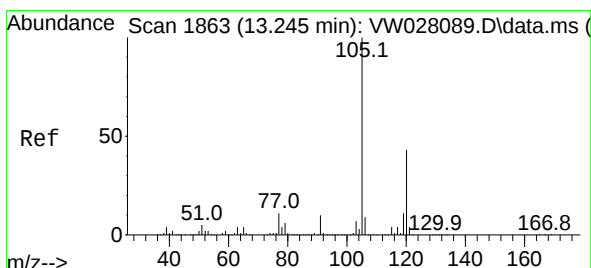
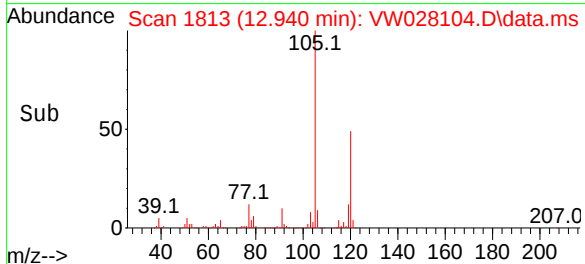
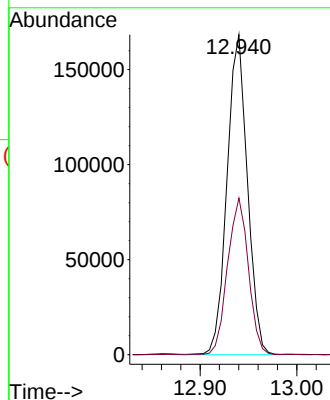
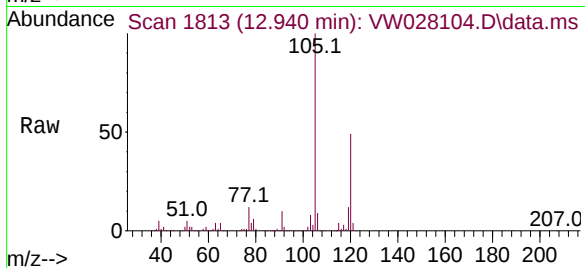
ClientSampleId :

Tgt Ion:105 Resp: 246129

Ion Ratio Lower Upper

105 100

120 49.9 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 22.674 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028104.D

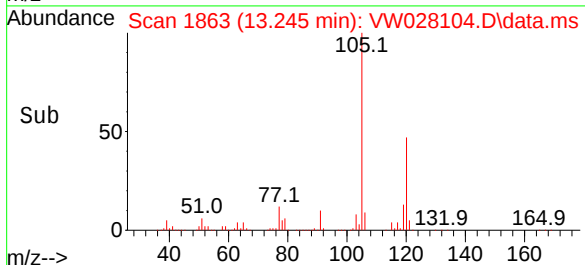
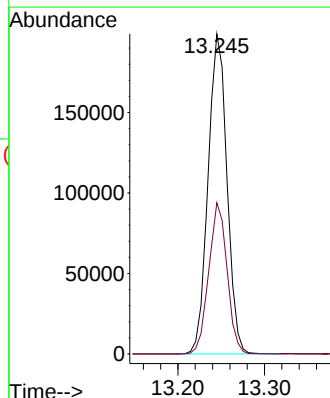
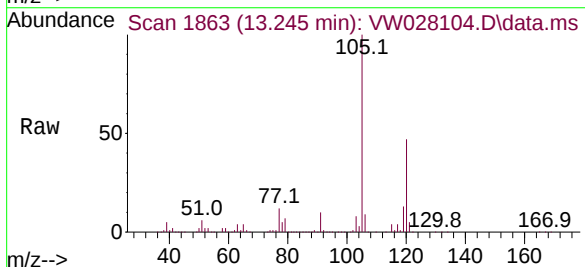
Acq: 05 Mar 2024 19:38

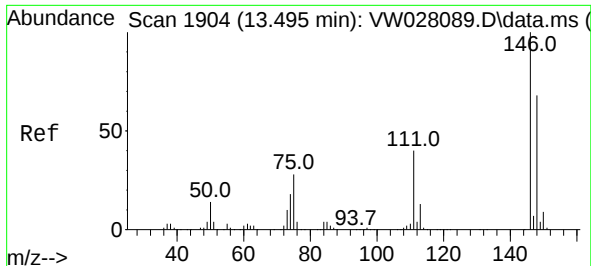
Tgt Ion:105 Resp: 301426

Ion Ratio Lower Upper

105 100

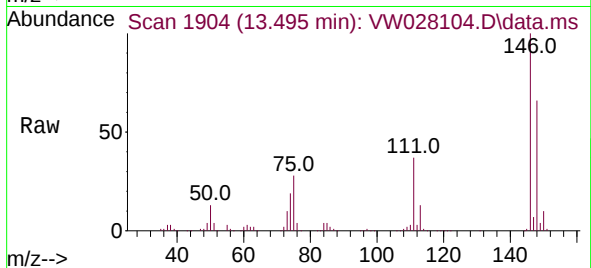
120 45.8 36.4 54.6



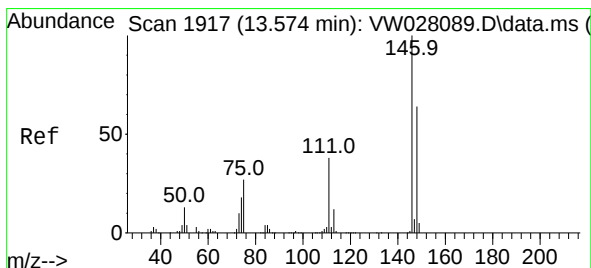
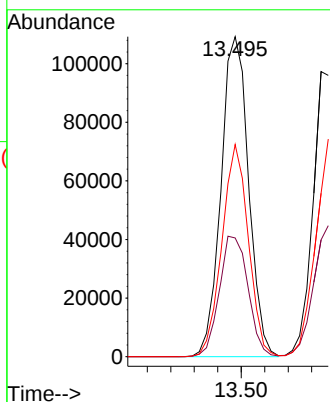
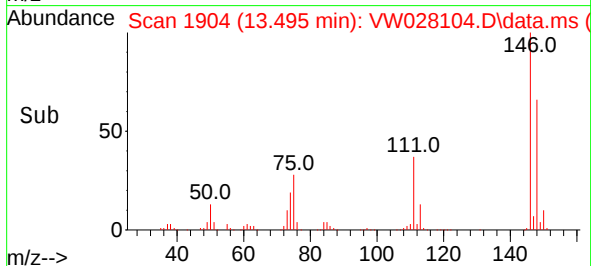


#64
1,3-Dichlorobenzene
Concen: 22.642 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

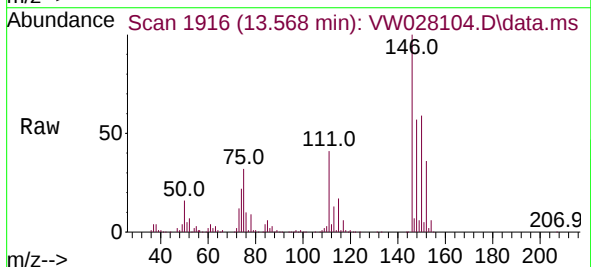
Instrument :
MSVOA_W
ClientSampleId :



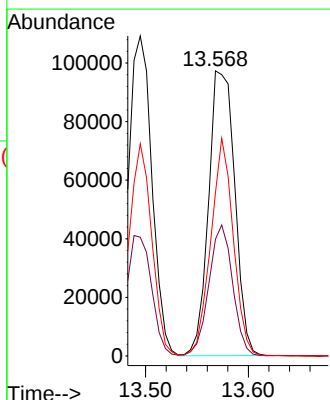
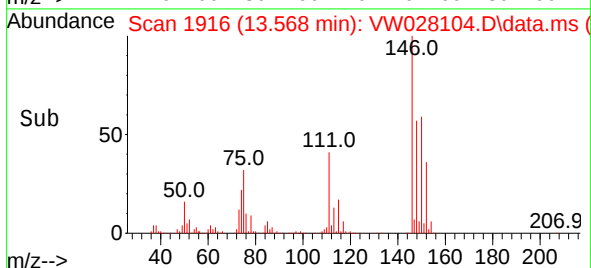
Tgt Ion:146 Resp: 177923
Ion Ratio Lower Upper
146 100
111 37.1 27.9 51.9
148 66.3 38.7 71.9

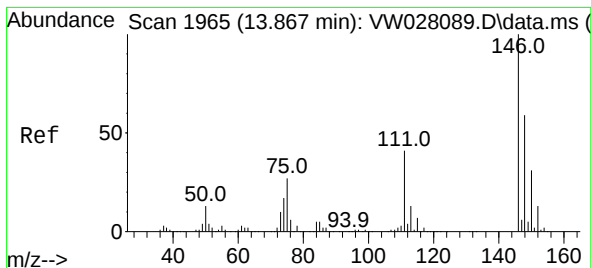


#65
1,4-Dichlorobenzene
Concen: 21.695 ug/L
RT: 13.568 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38



Tgt Ion:146 Resp: 172107
Ion Ratio Lower Upper
146 100
111 40.9 29.3 54.5
148 57.3 47.5 88.1





#67

1,2-Dichlorobenzene

Concen: 22.680 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

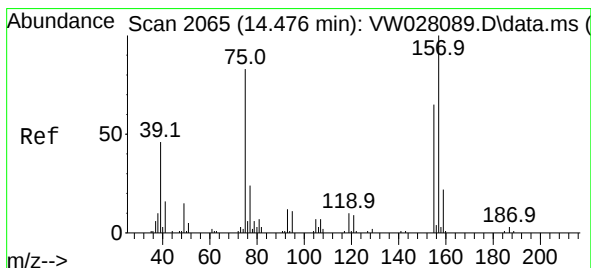
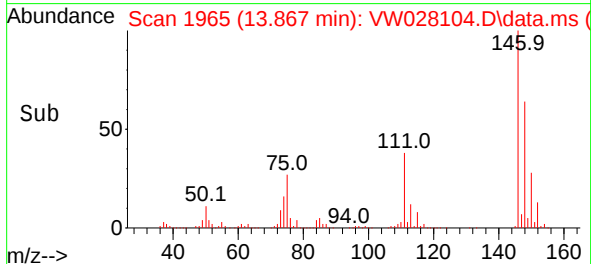
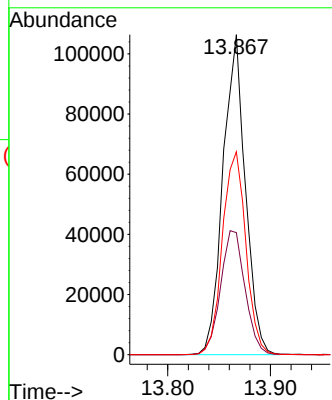
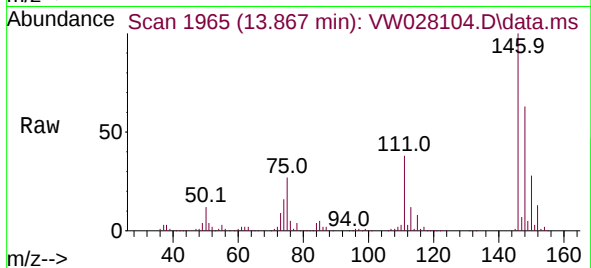
Tgt Ion:146 Resp: 160534

Ion Ratio Lower Upper

146 100

111 38.2 35.4 53.0

148 63.4 55.4 83.2



#68

1,2-Dibromo-3-chloropropane

Concen: 29.684 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

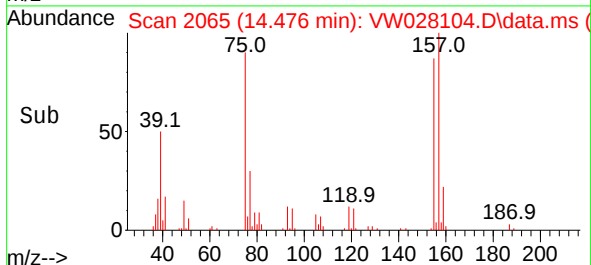
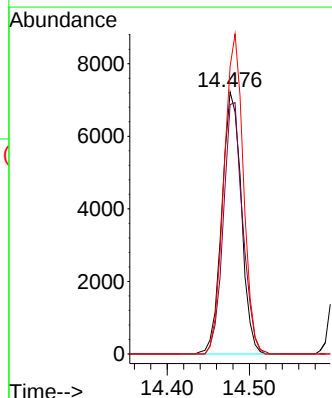
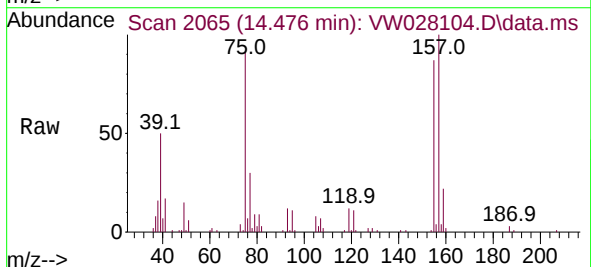
Tgt Ion: 75 Resp: 11878

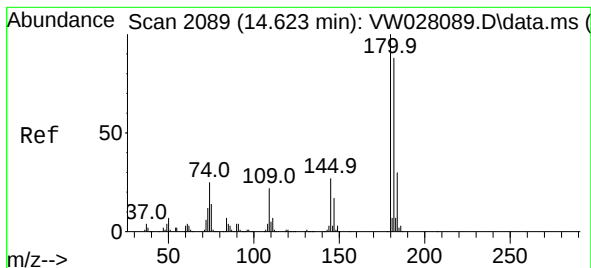
Ion Ratio Lower Upper

75 100

155 95.2 69.3 103.9

157 109.7 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 20.339 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 117944

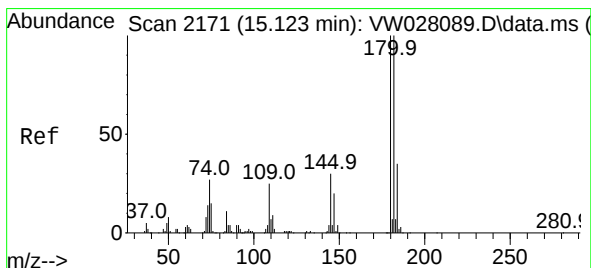
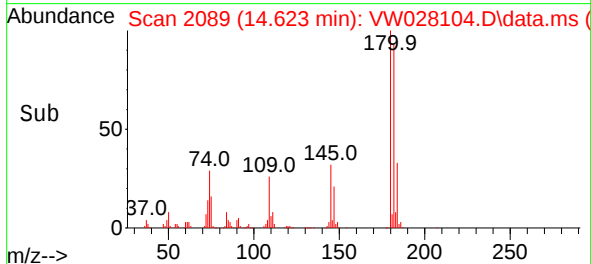
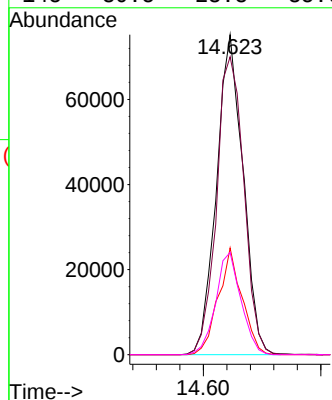
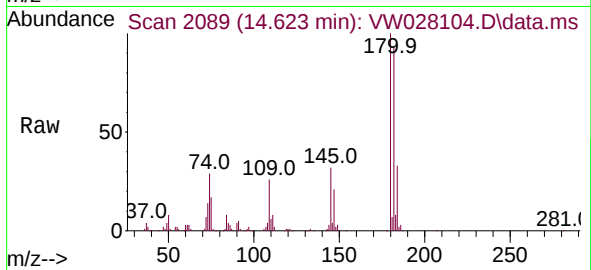
Ion Ratio Lower Upper

180 100

182 95.7 78.2 117.4

184 29.9 25.4 38.2

145 30.5 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 21.587 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028104.D

Acq: 05 Mar 2024 19:38

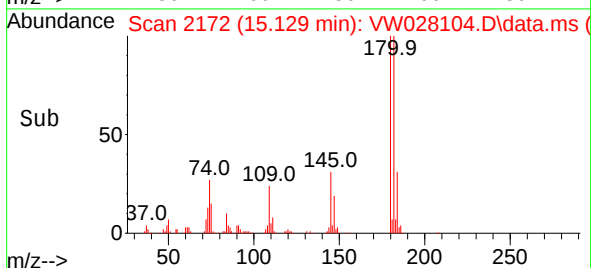
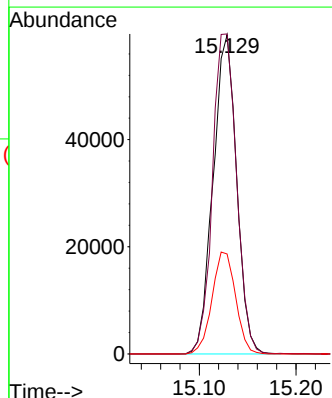
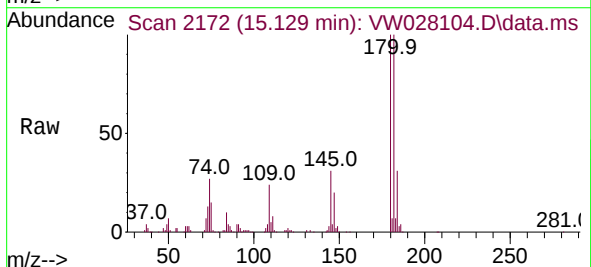
Tgt Ion:180 Resp: 100534

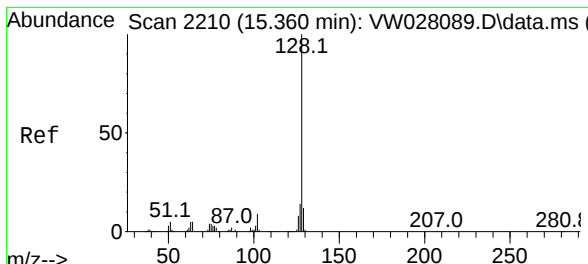
Ion Ratio Lower Upper

180 100

182 102.3 80.1 120.1

145 32.1 24.3 36.5



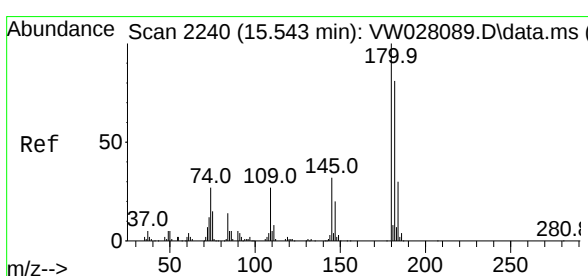
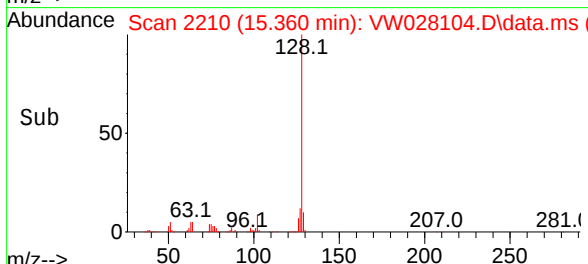
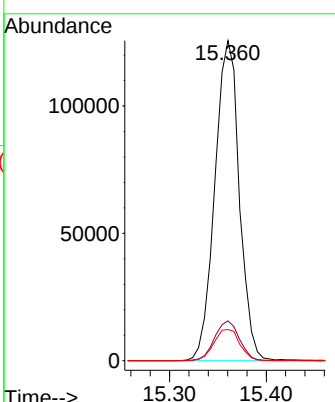
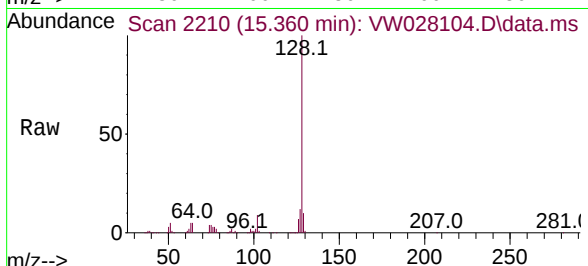


#71
Naphthalene
Concen: 28.977 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 220706

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.4	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.932 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW028104.D
Acq: 05 Mar 2024 19:38

Tgt Ion:180 Resp: 89306

Ion	Ratio	Lower	Upper
180	100		
182	100.2	81.4	122.2
145	34.7	26.2	39.2

