

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
 Data File : VW029976.D
 Acq On : 22 Aug 2024 09:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 23 01:38:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 21 00:44:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	249966	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	233880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	125090	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	61258	17.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.040%
7) Chloroethane-d5	2.905	69	54655	21.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
11) 1,1-Dichloroethene-d2	4.021	65	28732	17.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.960%
21) 2-Butanone-d5	7.081	46	33659	34.606	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.220%
24) Chloroform-d	7.648	84	159726	24.684	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	8.306	65	81911	22.224	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.880%
32) Benzene-d6	8.276	84	283631	22.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.760%
36) 1,2-Dichloropropane-d6	9.276	67	87134	21.594	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.360%
41) Toluene-d8	10.324	98	261884	23.307	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.240%
43) trans-1,3-Dichloroprop...	10.574	79	35337	21.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.560%
47) 2-Hexanone-d5	10.922	63	26143	39.292	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73001	24.365	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	85897	22.115	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	71234	21.141	ug/L	98
3) Chloromethane	2.222	50	74910	17.967	ug/L	99
5) Vinyl chloride	2.375	62	105832	22.654	ug/L	100
6) Bromomethane	2.795	94	67414	26.279	ug/L	97
8) Chloroethane	2.935	64	66834	25.148	ug/L	98
9) Trichlorofluoromethane	3.271	101	115061	30.834	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	99713	26.829	ug/L	94
12) 1,1-Dichloroethene	4.045	96	87895	25.739	ug/L	82
13) Acetone	4.124	43	50716	41.957	ug/L	93
14) Carbon disulfide	4.393	76	230104	20.248	ug/L	97
15) Methyl Acetate	4.673	43	37134	18.444	ug/L #	87
16) Methylene chloride	4.917	84	111826	21.400	ug/L	83
17) trans-1,2-Dichloroethene	5.429	96	94443	25.664	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	147119	24.257	ug/L	97
19) 1,1-Dichloroethane	6.221	63	190905	24.597	ug/L	96
20) cis-1,2-Dichloroethene	7.172	96	107028	26.813	ug/L	93
22) 2-Butanone	7.172	43	57752	37.289	ug/L	87
23) Bromochloromethane	7.514	128	47266	27.892	ug/L #	75
25) Chloroform	7.678	83	206747	28.274	ug/L	98

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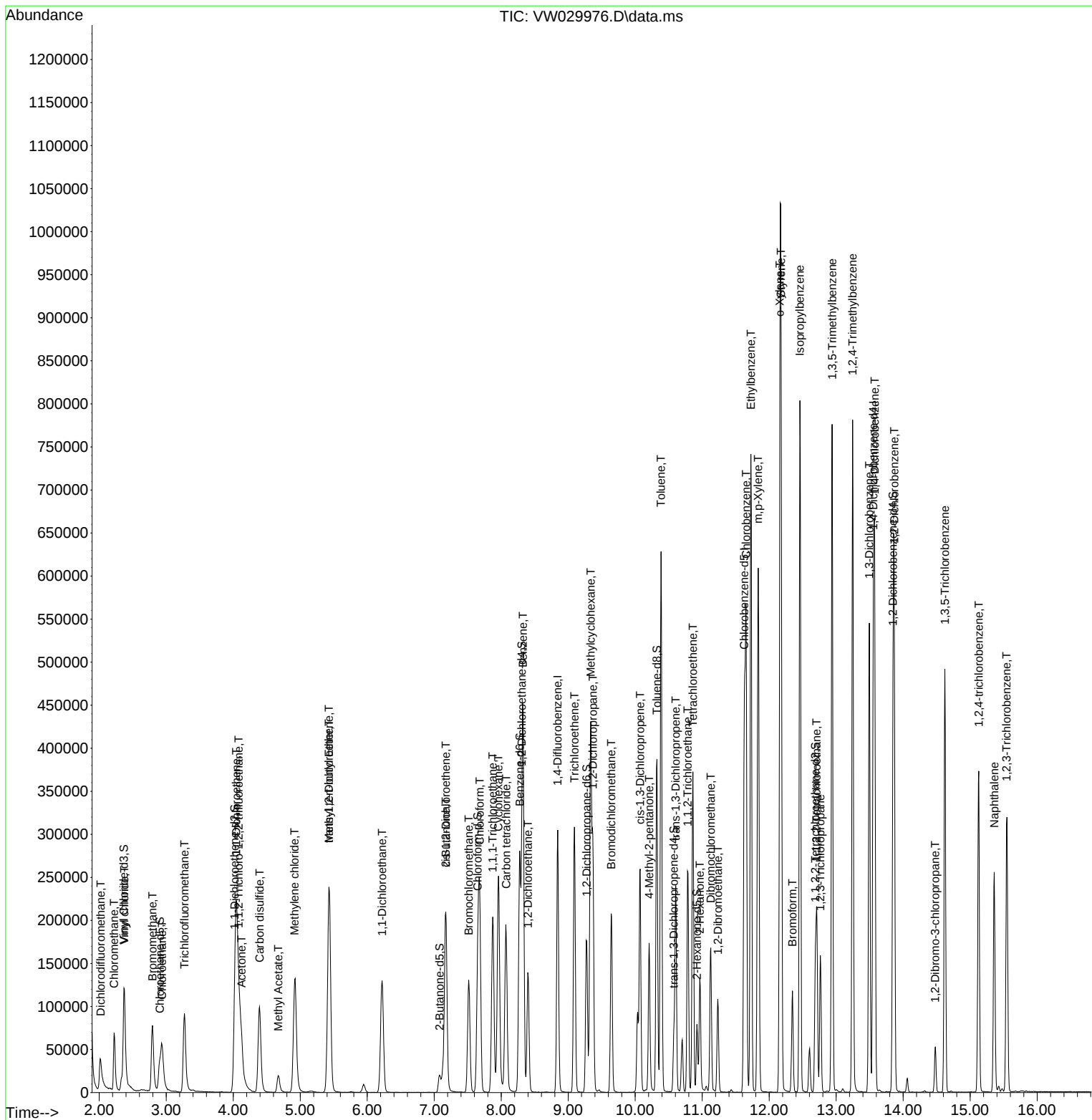
Instrument :
 MSVOA_W
 ClientSampleId :

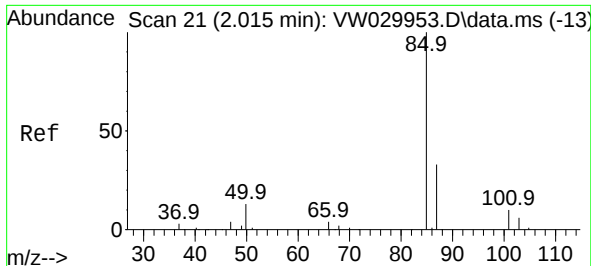
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 Quant Title : SFAM01.0
 QLast Update : Wed Aug 21 00:44:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130738	24.533	ug/L	97
29) Cyclohexane	7.959	56	136781	20.580	ug/L	92
30) 1,1,1-Trichloroethane	7.874	97	169422	28.606	ug/L	93
31) Carbon tetrachloride	8.075	117	149607	28.033	ug/L	99
33) Benzene	8.325	78	416655	26.001	ug/L	100
34) Trichloroethene	9.093	95	110873	26.393	ug/L	98
35) Methylcyclohexane	9.337	83	164667	23.524	ug/L	95
37) 1,2-Dichloropropane	9.367	63	109082	24.840	ug/L #	97
38) Bromodichloromethane	9.642	83	144000	27.537	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	155194	24.267	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	108160	38.776	ug/L #	91
42) Toluene	10.385	91	456937	27.935	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	133059	25.062	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	81285	27.553	ug/L	97
46) Tetrachloroethene	10.861	164	81743	26.772	ug/L	85
48) 2-Hexanone	10.964	43	78748	37.695	ug/L #	90
49) Dibromochloromethane	11.129	129	87747	28.651	ug/L	87
50) 1,2-Dibromoethane	11.233	107	72521	26.568	ug/L	100
51) Chlorobenzene	11.653	112	281357	27.653	ug/L	95
52) Ethylbenzene	11.727	91	513335	27.821	ug/L	100
53) m,p-Xylene	11.836	106	193107	28.458	ug/L	91
54) o-Xylene	12.159	106	179111	28.663	ug/L	97
55) Styrene	12.178	104	326158	30.112	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	96198	26.567	ug/L	98
59) Bromoform	12.348	173	50496	26.828	ug/L	96
60) Isopropylbenzene	12.458	105	496526	25.651	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68026	22.360	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	408395	28.385	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	407669	26.494	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	213566	25.860	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	225396	26.570	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	205163	27.286	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	14791	21.412	ug/L	93
69) 1,3,5-Trichlorobenzene	14.622	180	147217	26.054	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	117018	24.582	ug/L	98
71) Naphthalene	15.360	128	205902	22.669	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	105653	24.522	ug/L	99

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

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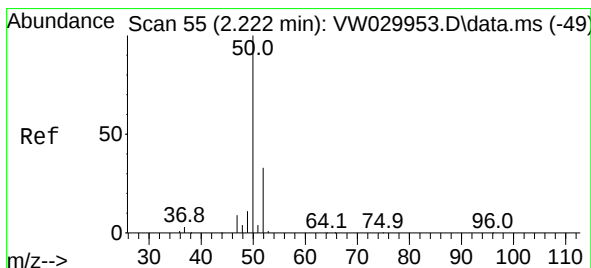
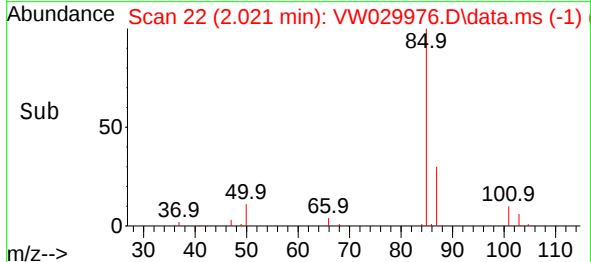
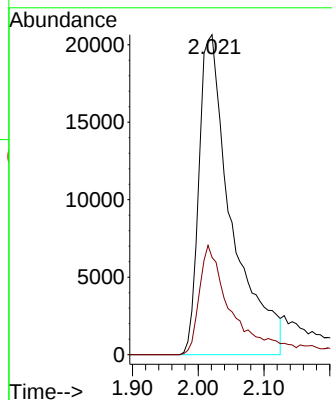
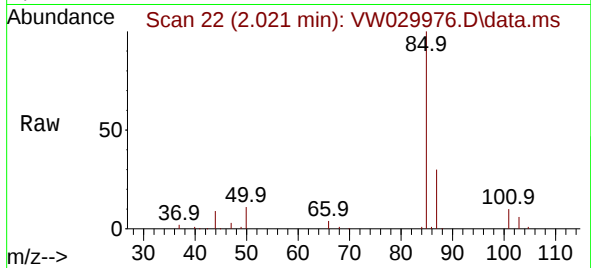




#2
Dichlorodifluoromethane
Concen: 21.141 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

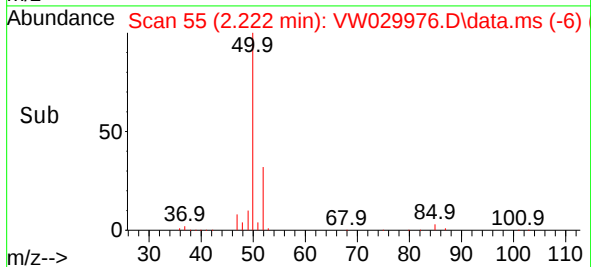
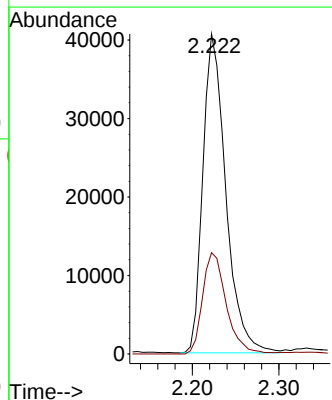
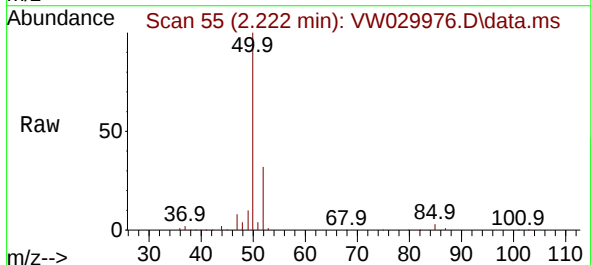
Instrument :
MSVOA_W
ClientSampleId :

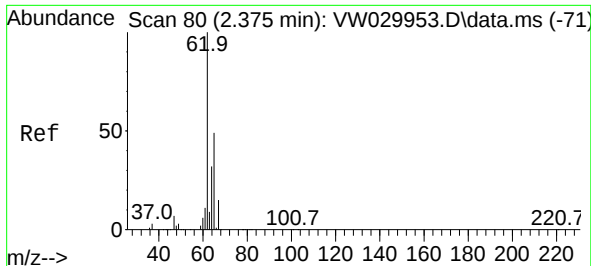
Tgt Ion: 85 Resp: 71234
Ion Ratio Lower Upper
85 100
87 30.6 25.5 38.3



#3
Chloromethane
Concen: 17.967 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

Tgt Ion: 50 Resp: 74910
Ion Ratio Lower Upper
50 100
52 31.7 22.5 41.9

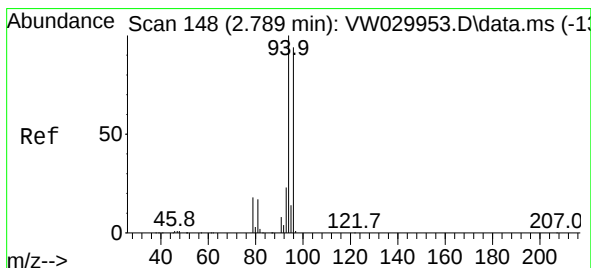
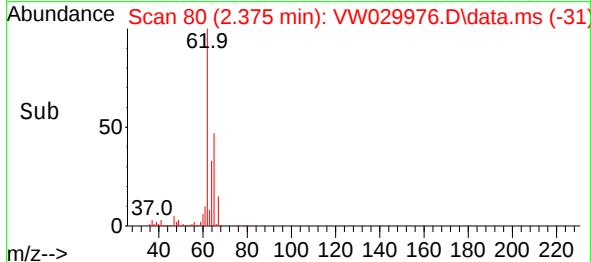
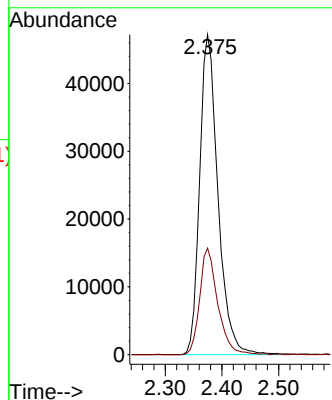
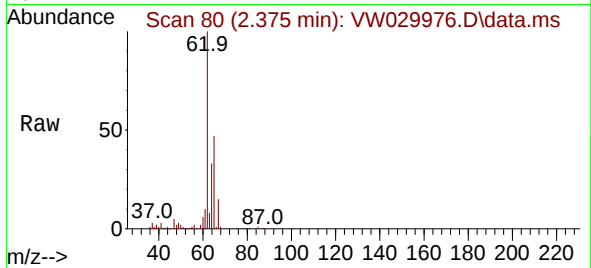




#5
 Vinyl chloride
 Concen: 22.654 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029976.D
 Acq: 22 Aug 2024 09:39

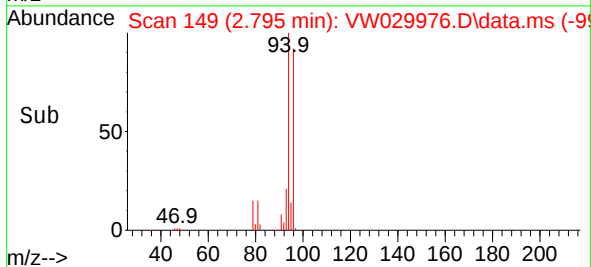
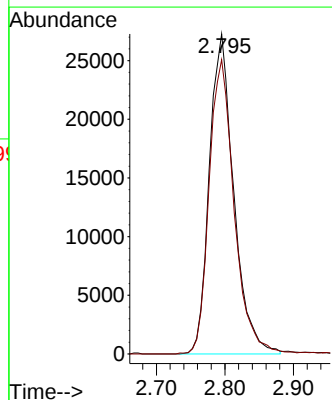
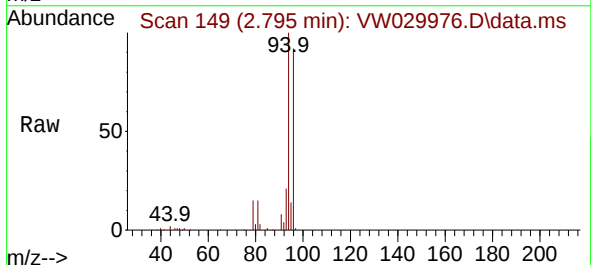
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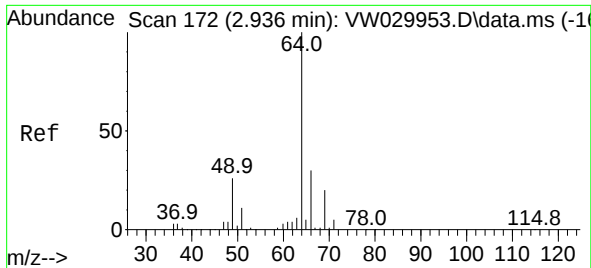
Tgt Ion: 62 Resp: 105832
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 26.279 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW029976.D
 Acq: 22 Aug 2024 09:39

Tgt Ion: 94 Resp: 67414
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.2 123.0

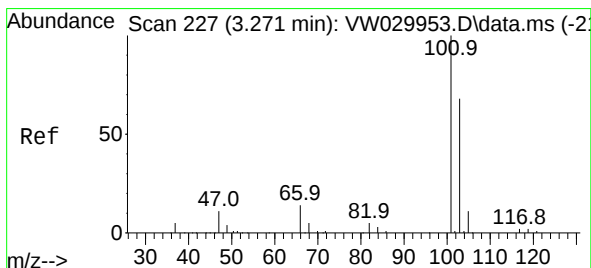
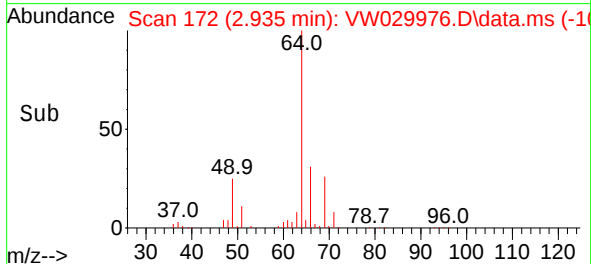
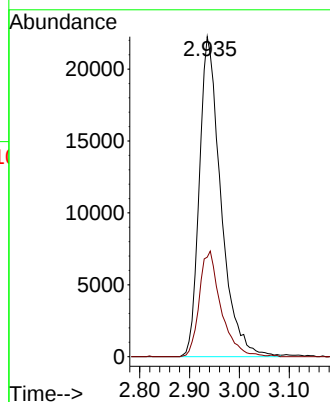
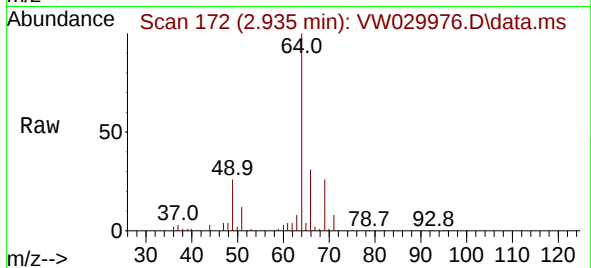




#8
Chloroethane
Concen: 25.148 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

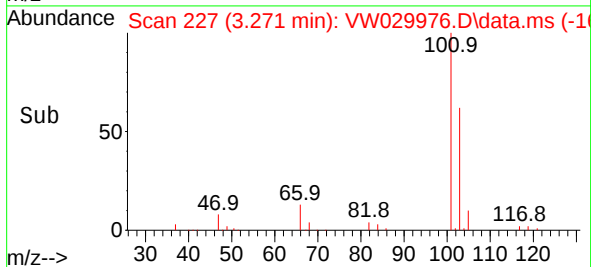
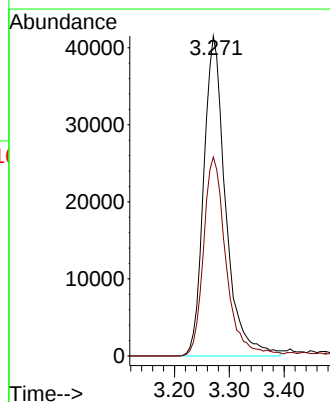
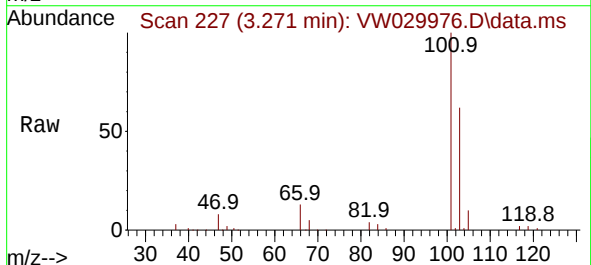
Instrument :
MSVOA_W
ClientSampleId :

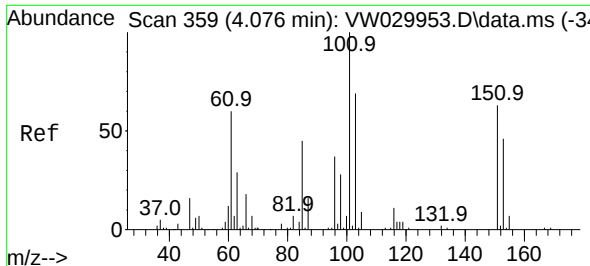
Tgt Ion: 64 Resp: 66834
Ion Ratio Lower Upper
64 100
66 31.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 30.834 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

Tgt Ion:101 Resp: 115061
Ion Ratio Lower Upper
101 100
103 62.9 51.0 76.4





#10

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

Concen: 26.829 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :

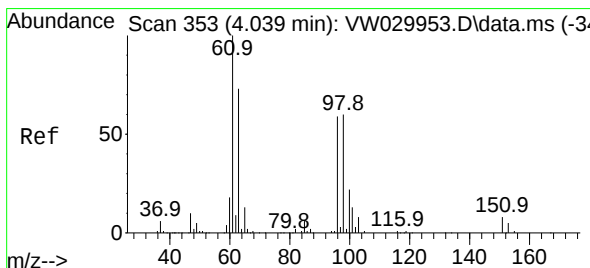
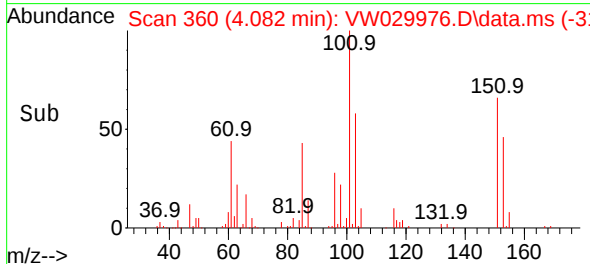
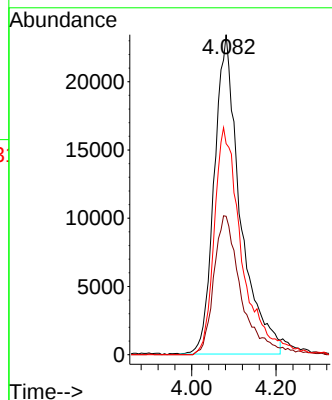
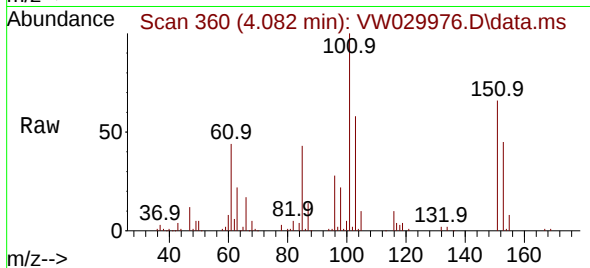
Tgt Ion:101 Resp: 99713

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

151 75.0 54.2 81.2



#12

1,1-Dichloroethene

Concen: 25.739 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

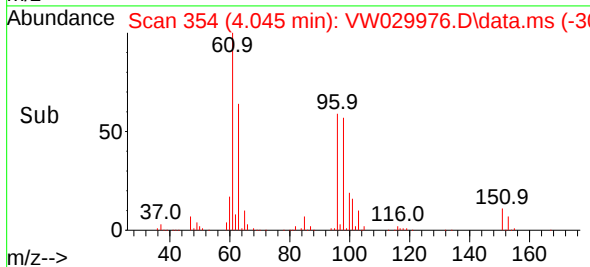
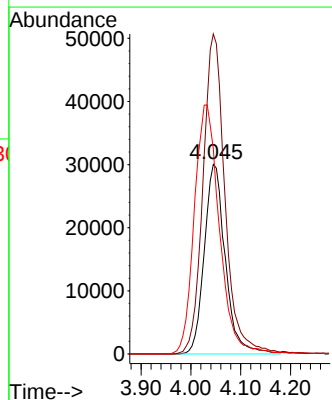
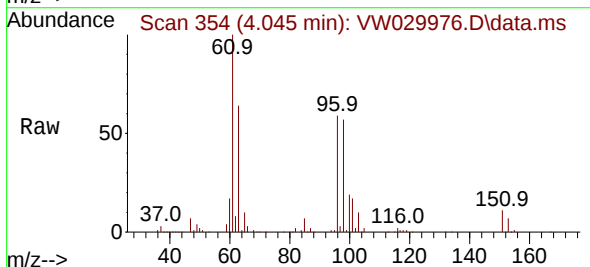
Tgt Ion: 96 Resp: 87895

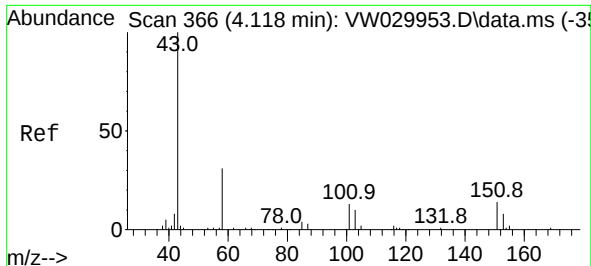
Ion Ratio Lower Upper

96 100

61 168.7 138.3 256.9

63 108.1 89.0 165.4

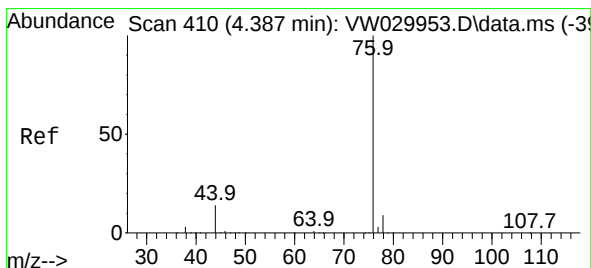
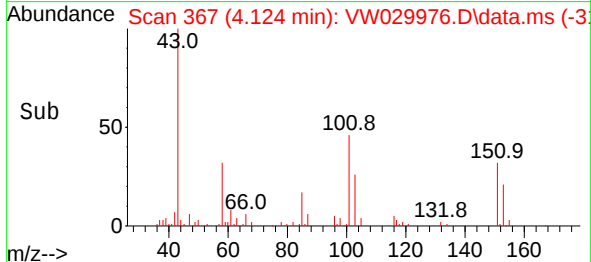
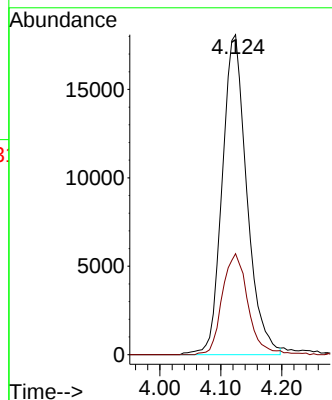
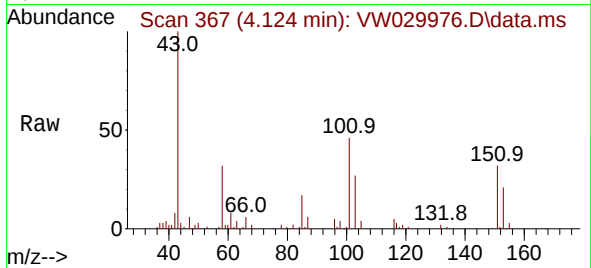




#13
Acetone
Concen: 41.957 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

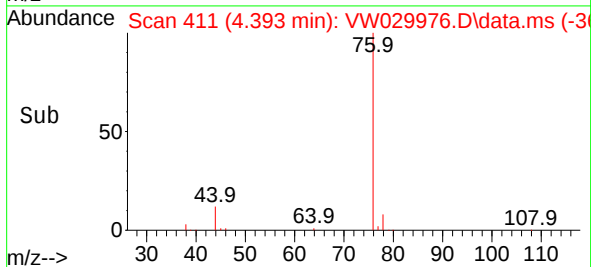
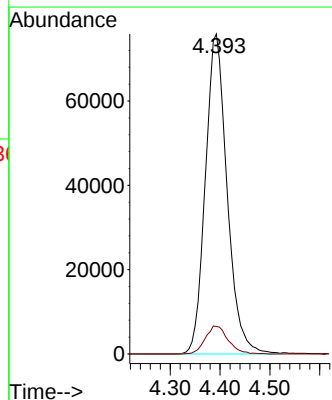
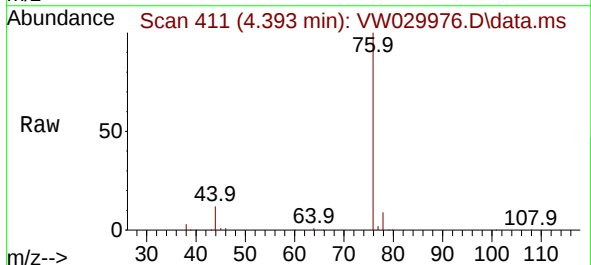
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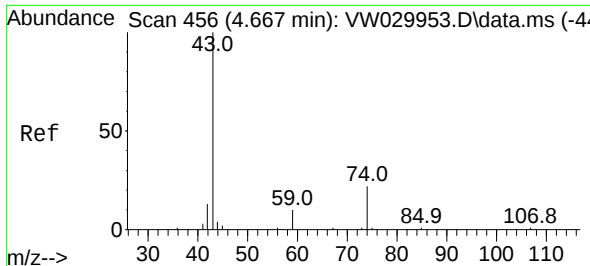
Tgt Ion: 43 Resp: 50716
Ion Ratio Lower Upper
43 100
58 32.5 0.0 57.6



#14
Carbon disulfide
Concen: 20.248 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

Tgt Ion: 76 Resp: 230104
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4

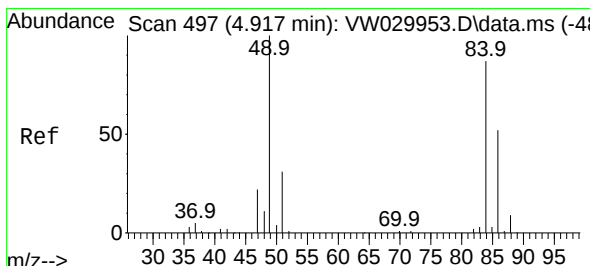
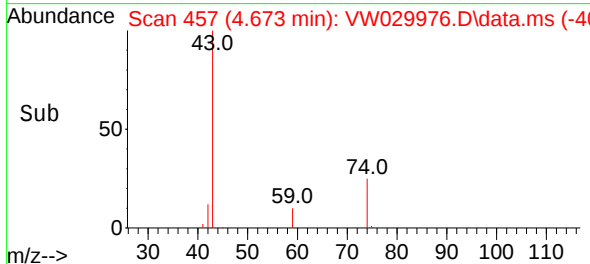
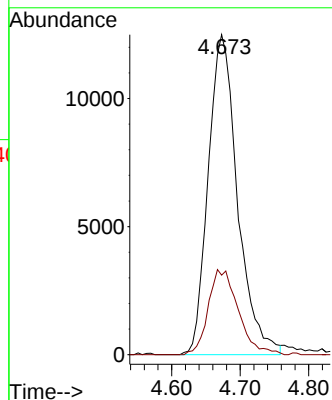
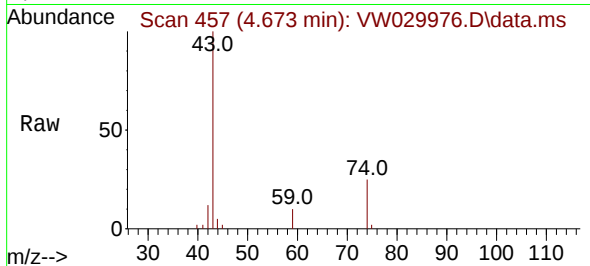




#15
Methyl Acetate
Concen: 18.444 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

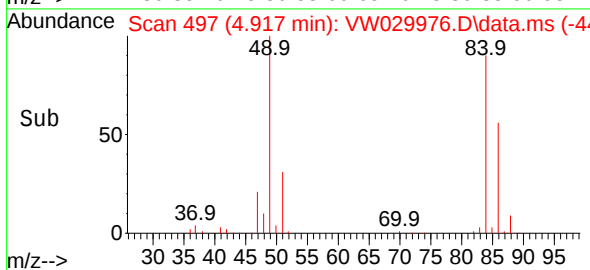
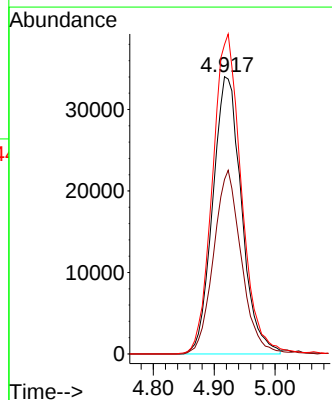
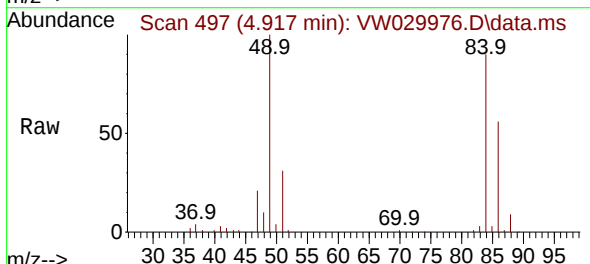
Instrument :
MSVOA_W
ClientSampleId :

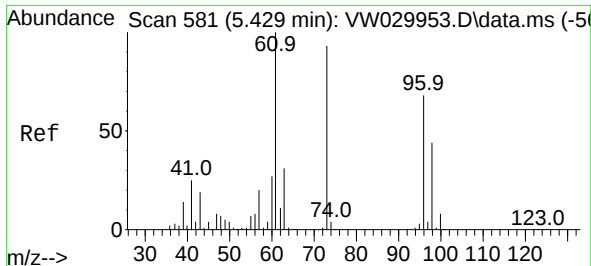
Tgt Ion: 43 Resp: 37134
Ion Ratio Lower Upper
43 100
74 26.4 16.5 24.7#



#16
Methylene chloride
Concen: 21.400 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

Tgt Ion: 84 Resp: 111826
Ion Ratio Lower Upper
84 100
86 63.0 44.7 82.9
49 111.6 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 25.664 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :

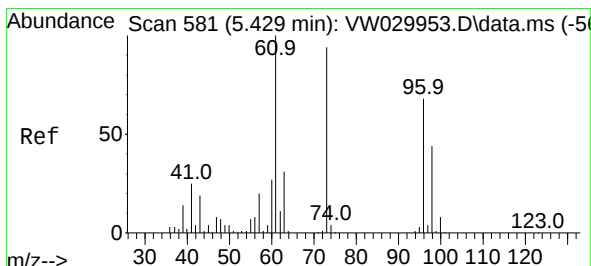
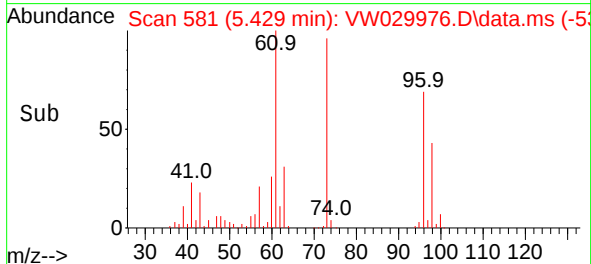
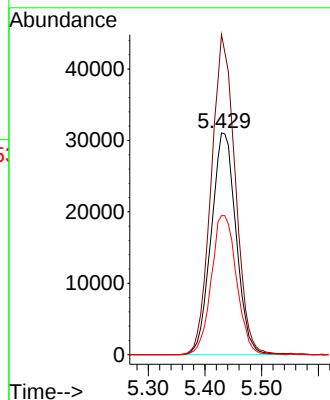
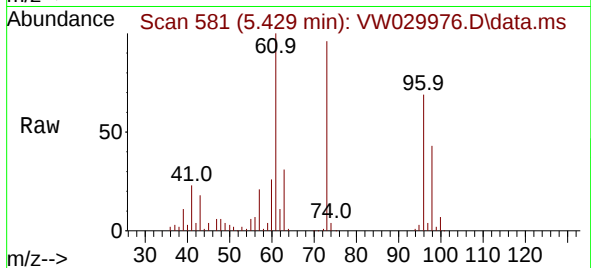
Tgt Ion: 96 Resp: 94443

Ion Ratio Lower Upper

96 100

61 144.3 111.2 206.6

98 62.7 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 24.257 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

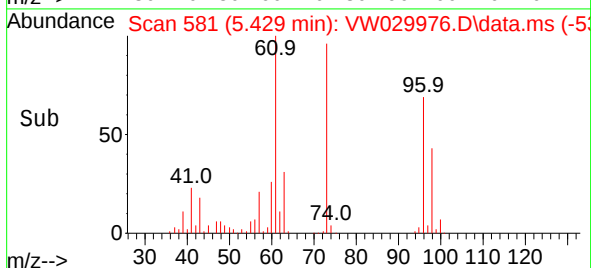
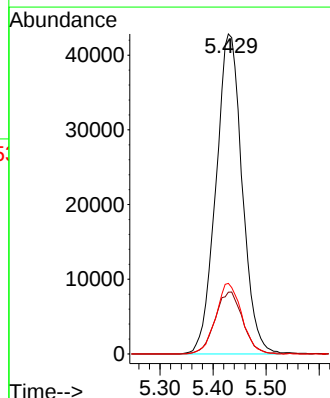
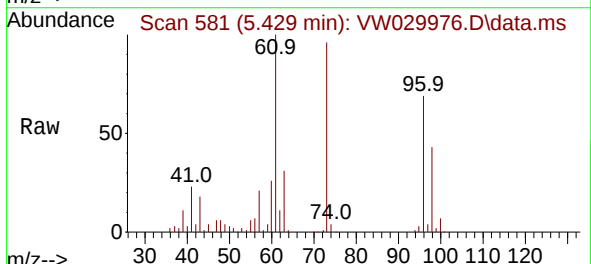
Tgt Ion: 73 Resp: 147119

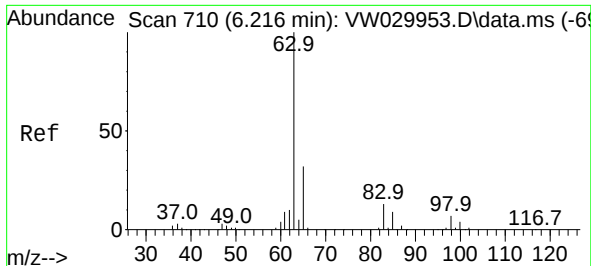
Ion Ratio Lower Upper

73 100

43 20.4 18.3 27.5

57 21.9 17.9 26.9





#19

1,1-Dichloroethane

Concen: 24.597 ug/L

RT: 6.221 min Scan# 710

Delta R.T. 0.006 min

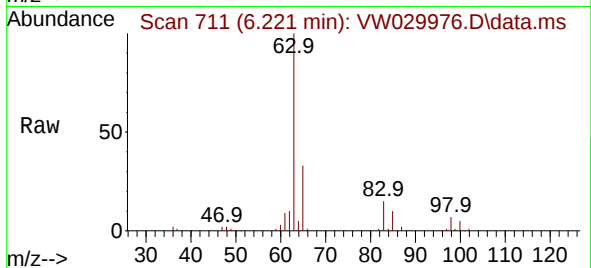
Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :



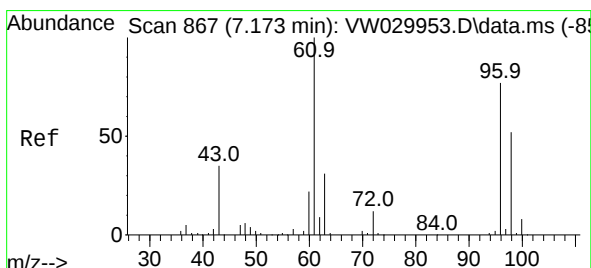
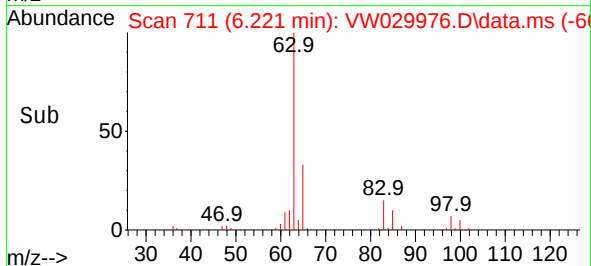
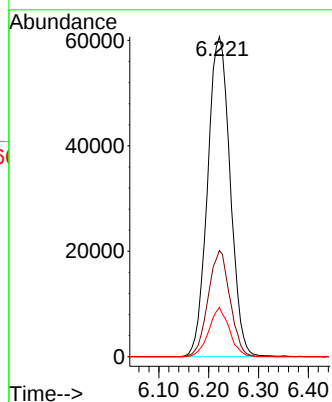
Tgt Ion: 63 Resp: 190905

Ion Ratio Lower Upper

63 100

65 33.2 22.3 41.3

83 15.4 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 26.813 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

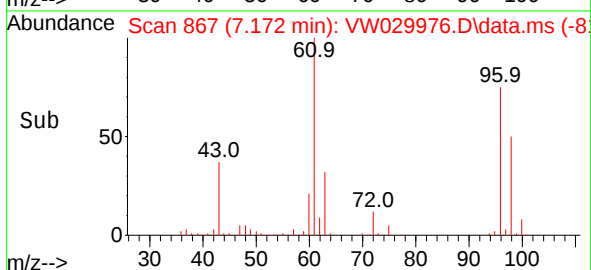
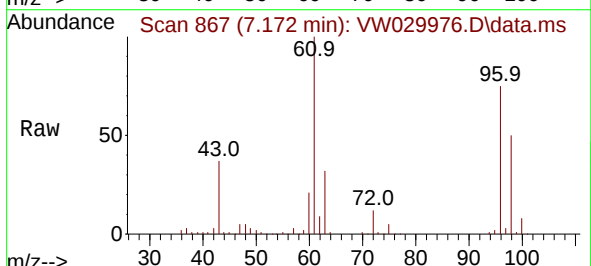
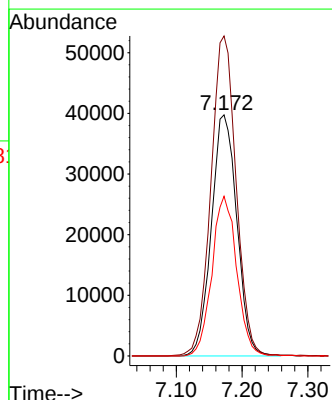
Tgt Ion: 96 Resp: 107028

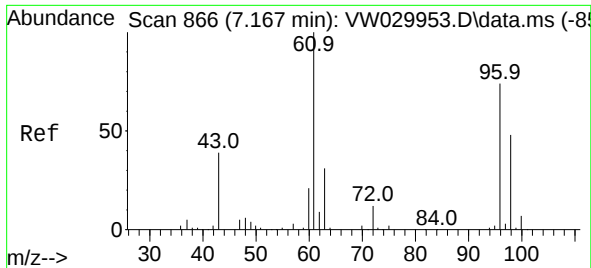
Ion Ratio Lower Upper

96 100

61 132.7 98.2 182.4

98 66.2 41.9 77.9





#22

2-Butanone

Concen: 37.289 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

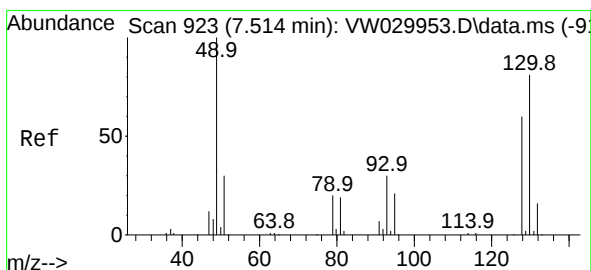
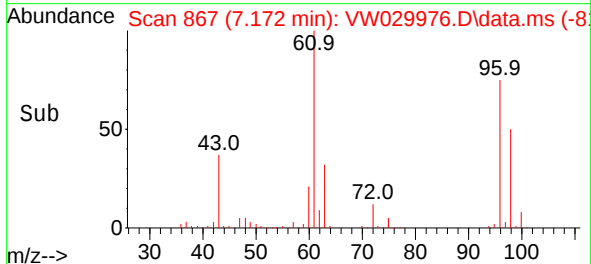
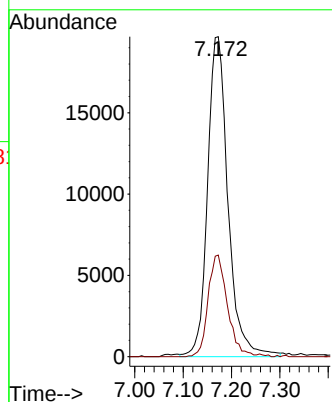
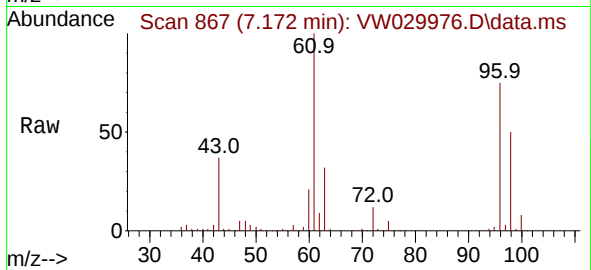
ClientSampleId :

Tgt Ion: 43 Resp: 57752

Ion Ratio Lower Upper

43 100

72 29.9 11.7 35.1



#23

Bromochloromethane

Concen: 27.892 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Tgt Ion: 128 Resp: 47266

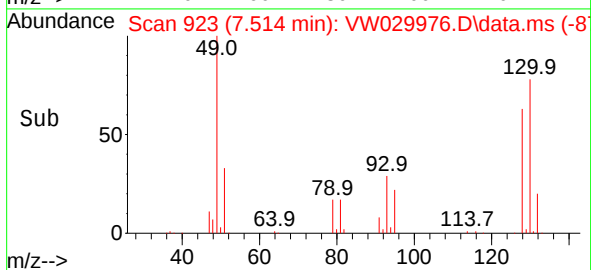
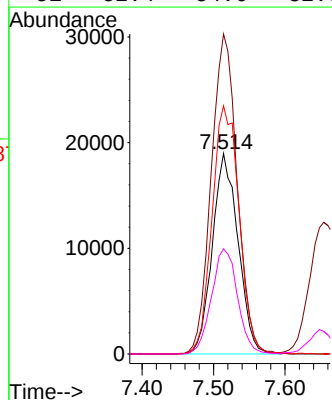
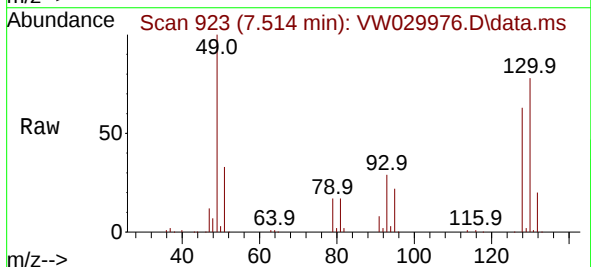
Ion Ratio Lower Upper

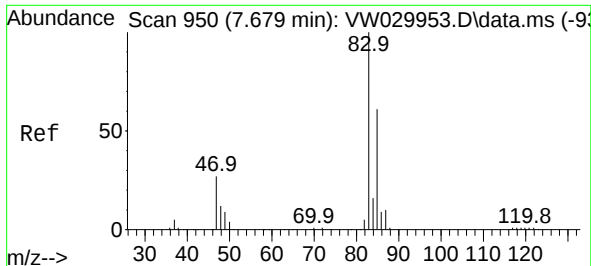
128 100

49 159.6 151.1 280.7

130 123.8 96.8 179.8

51 52.4 54.6 82.0#





#25

Chloroform

Concen: 28.274 ug/L

RT: 7.678 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

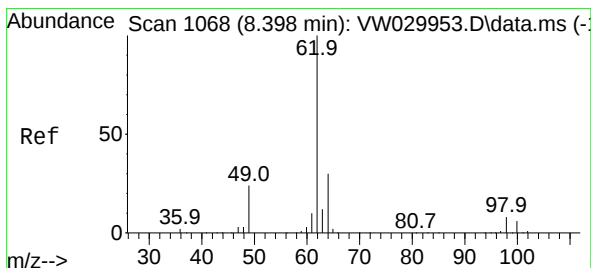
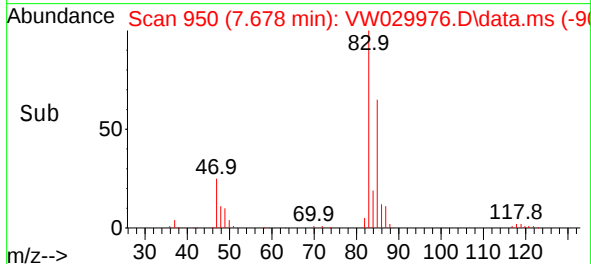
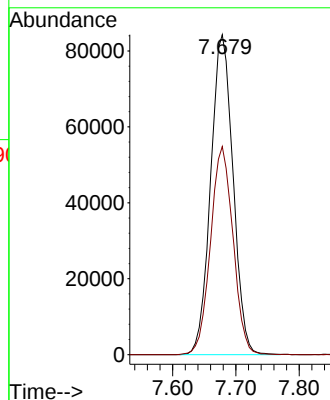
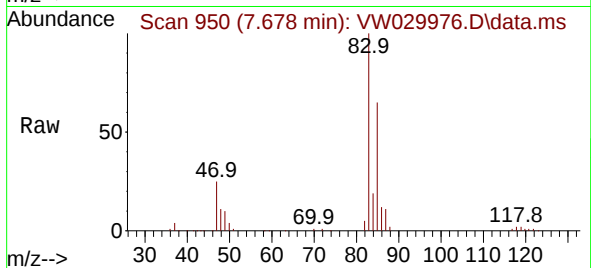
ClientSampleId :

Tgt Ion: 83 Resp: 206747

Ion Ratio Lower Upper

83 100

85 65.0 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.533 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029976.D

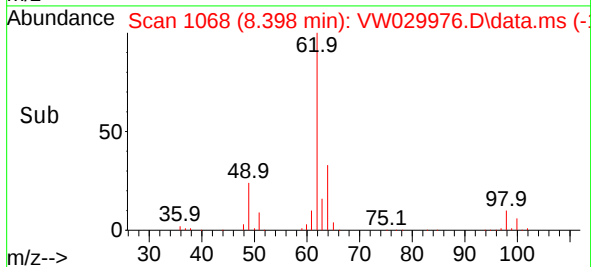
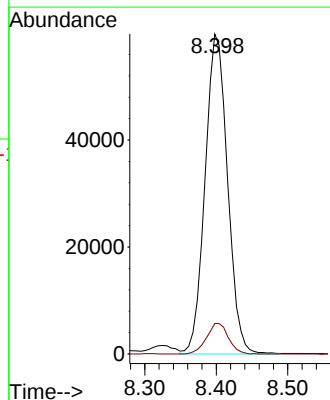
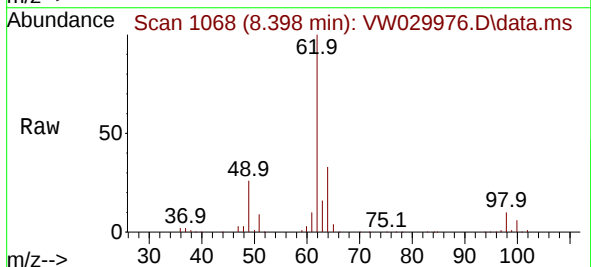
Acq: 22 Aug 2024 09:39

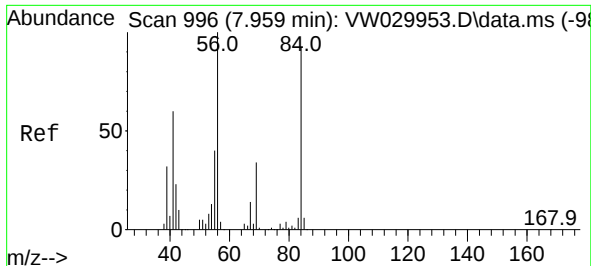
Tgt Ion: 62 Resp: 130738

Ion Ratio Lower Upper

62 100

98 9.5 6.6 10.0





#29

Cyclohexane

Concen: 20.580 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

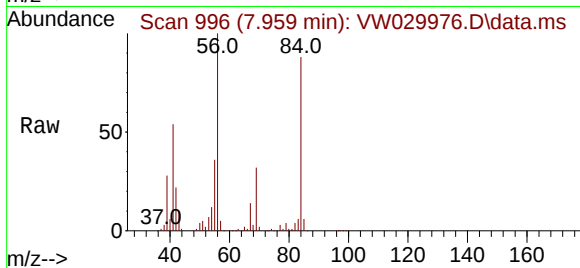
Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

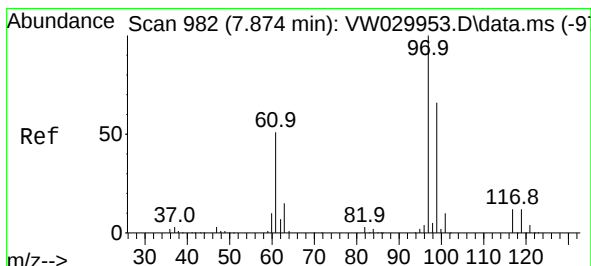
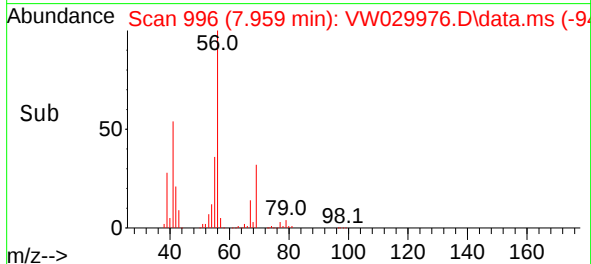
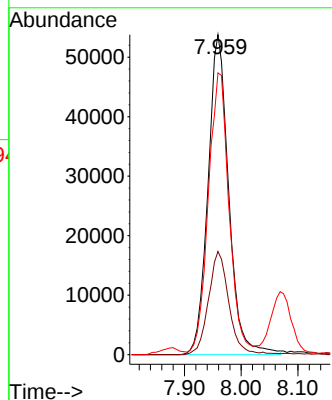
ClientSampleId :



Tgt Ion: 56 Resp: 136781

Ion Ratio Lower Upper

56	100		
69	31.3	23.0	34.4
84	87.6	63.5	95.3



#30

1,1,1-Trichloroethane

Concen: 28.606 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

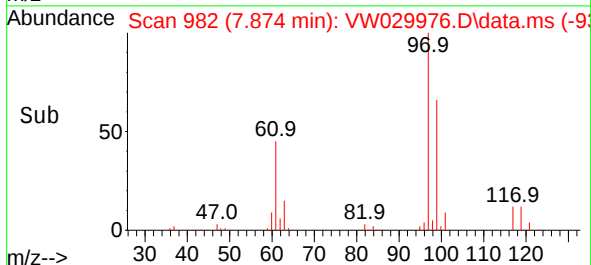
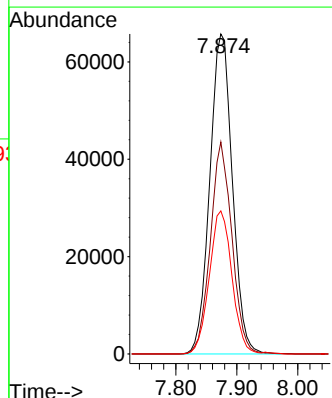
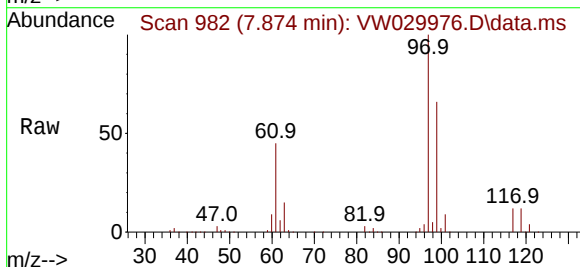
Lab File: VW029976.D

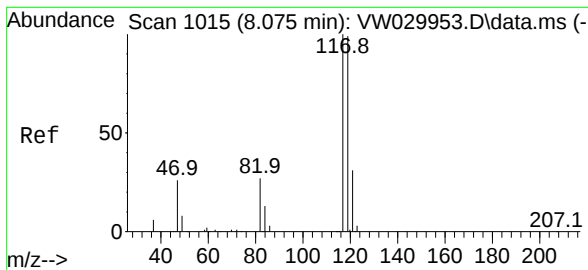
Acq: 22 Aug 2024 09:39

Tgt Ion: 97 Resp: 169422

Ion Ratio Lower Upper

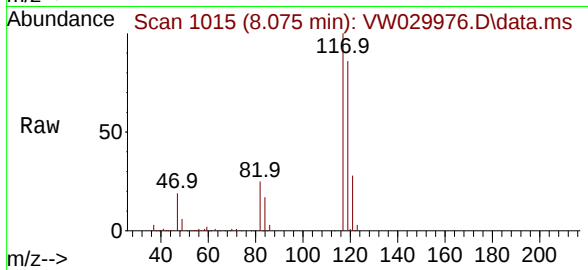
97	100		
99	63.3	52.1	78.1
61	44.8	42.6	63.8



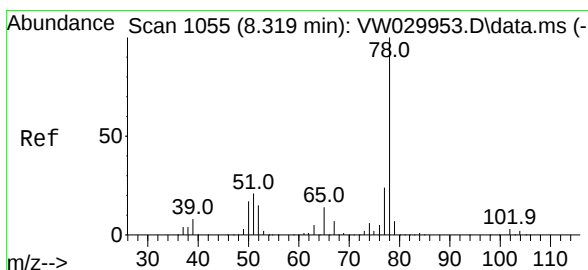
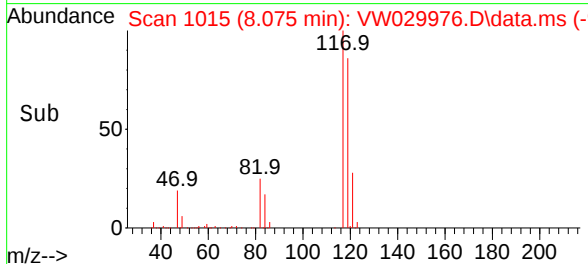
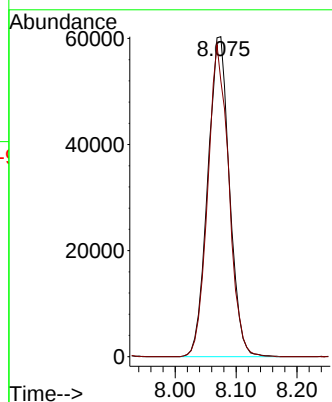


#31
Carbon tetrachloride
Concen: 28.033 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

Instrument :
MSVOA_W
ClientSampleId :

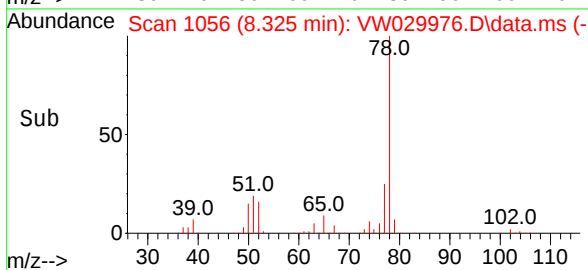
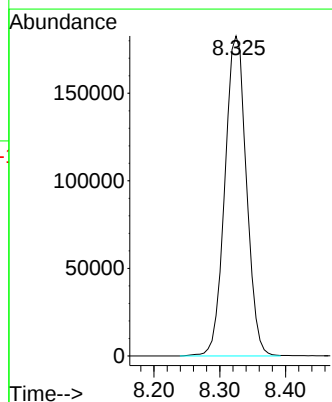
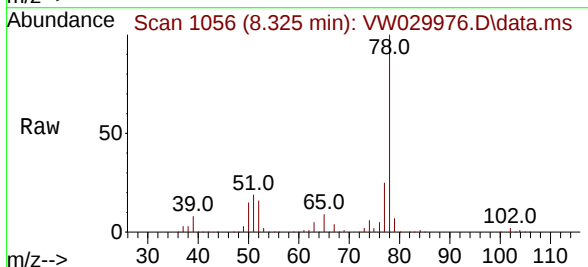


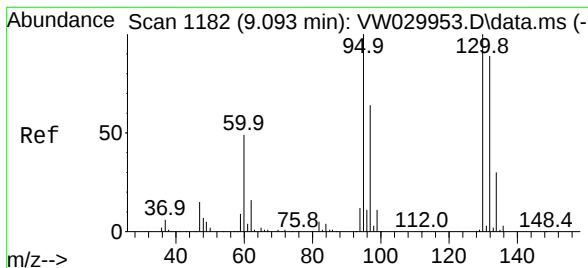
Tgt Ion:117 Resp: 149607
Ion Ratio Lower Upper
117 100
119 94.4 74.8 112.2



#33
Benzene
Concen: 26.001 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

Tgt Ion: 78 Resp: 416655





#34

Trichloroethene

Concen: 26.393 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 110873

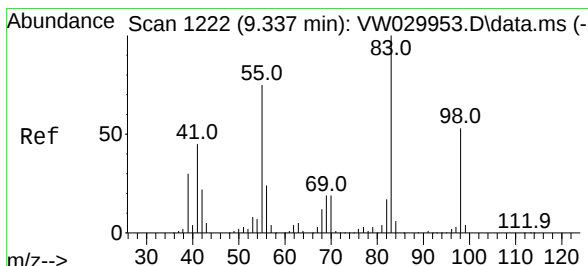
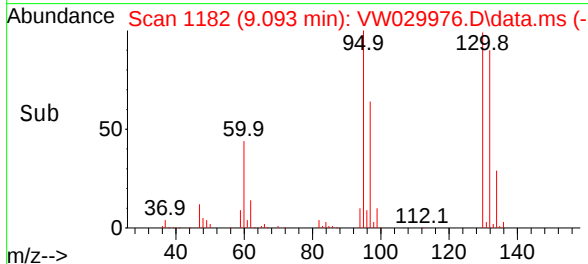
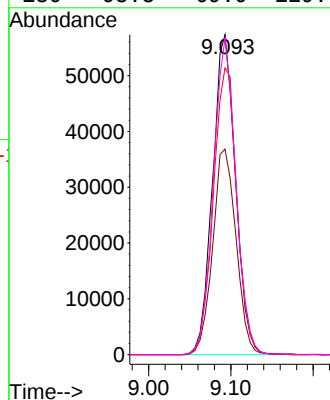
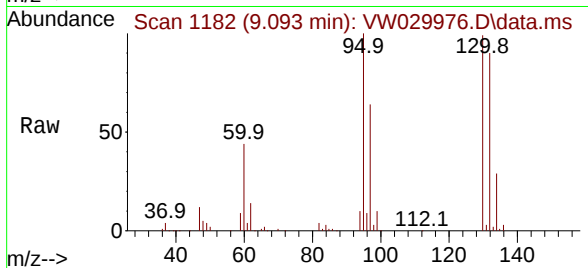
Ion Ratio Lower Upper

95 100

97 64.3 45.6 84.8

132 89.6 65.2 121.0

130 98.8 69.9 129.7



#35

Methylcyclohexane

Concen: 23.524 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

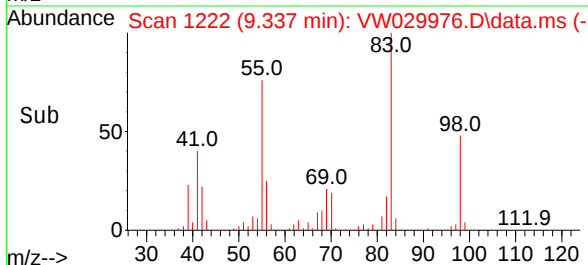
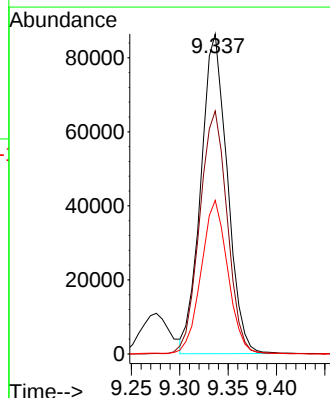
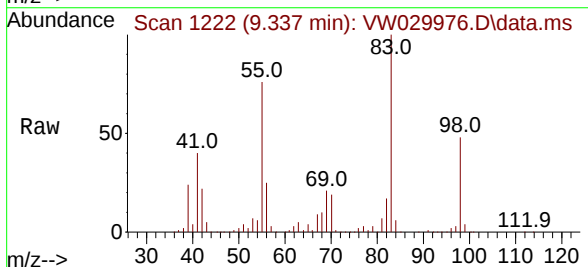
Tgt Ion: 83 Resp: 164667

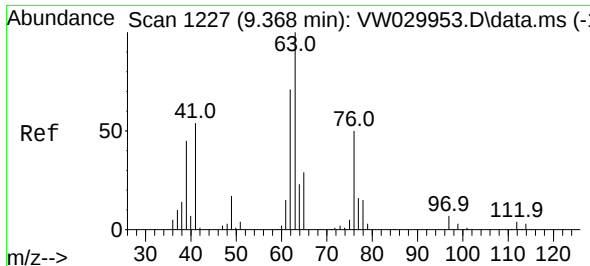
Ion Ratio Lower Upper

83 100

55 78.8 67.4 101.2

98 48.5 36.7 55.1





#37

1,2-Dichloropropane

Concen: 24.840 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

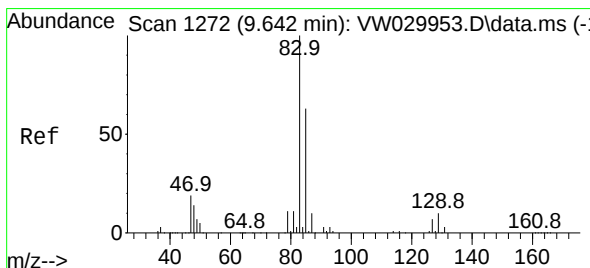
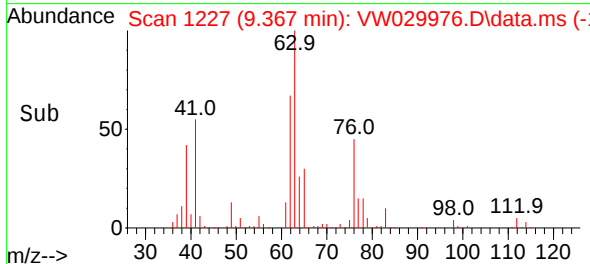
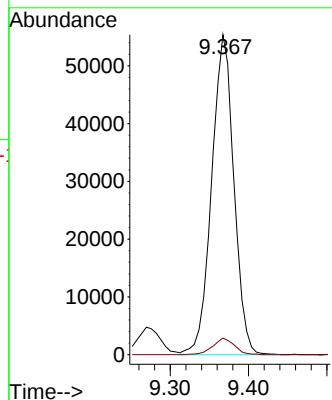
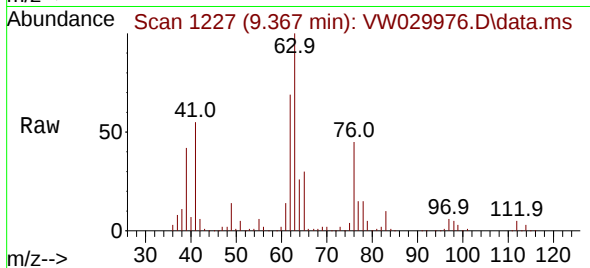
ClientSampleId :

Tgt Ion: 63 Resp: 109082

Ion Ratio Lower Upper

63 100

112 5.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 27.537 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

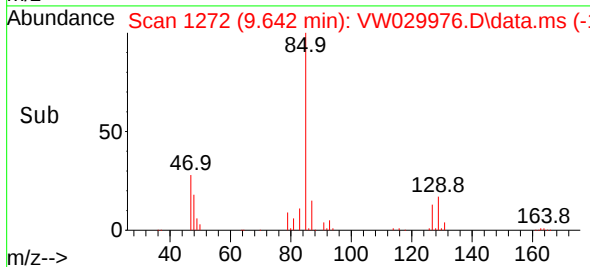
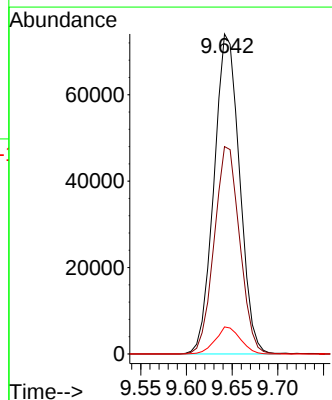
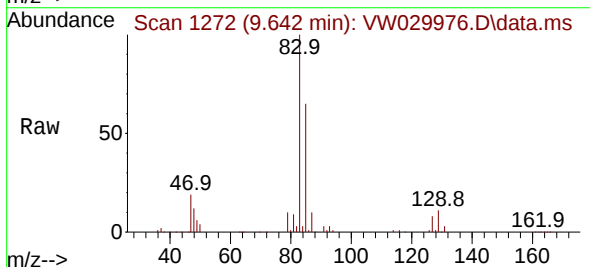
Tgt Ion: 83 Resp: 144000

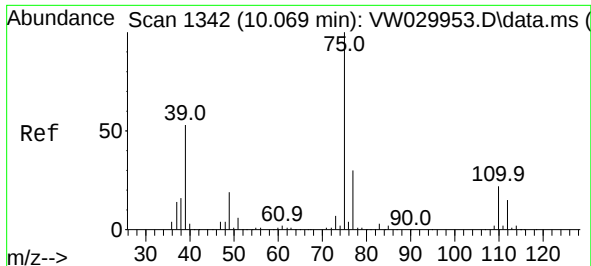
Ion Ratio Lower Upper

83 100

85 64.8 46.6 86.6

127 8.5 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 24.267 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

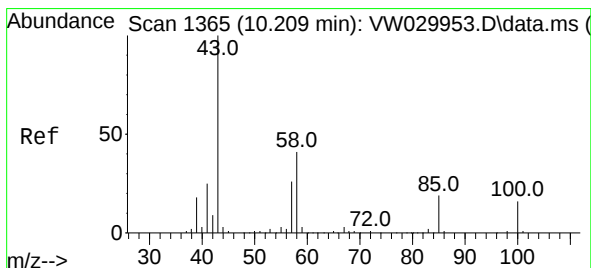
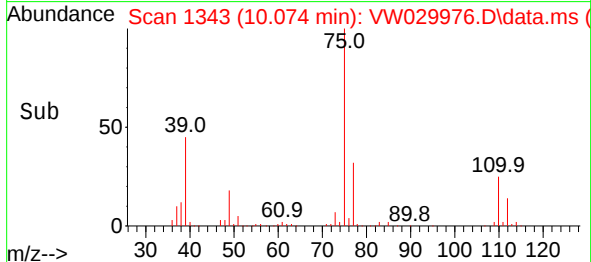
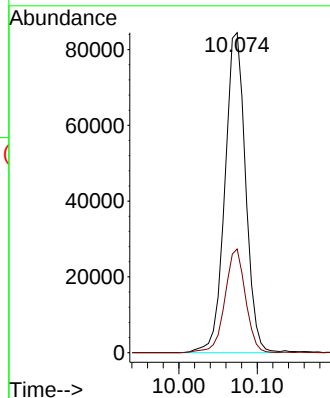
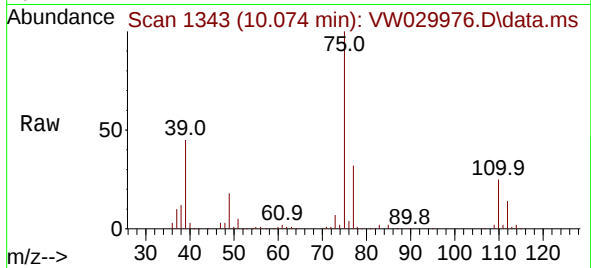
ClientSampleId :

Tgt Ion: 75 Resp: 155194

Ion Ratio Lower Upper

75 100

77 32.4 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 38.776 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

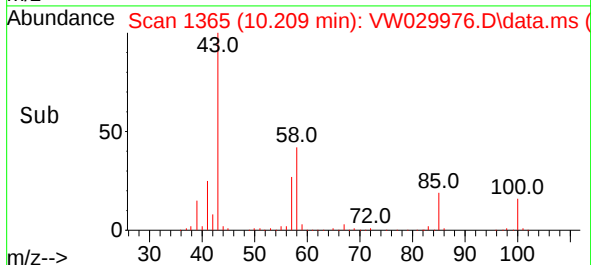
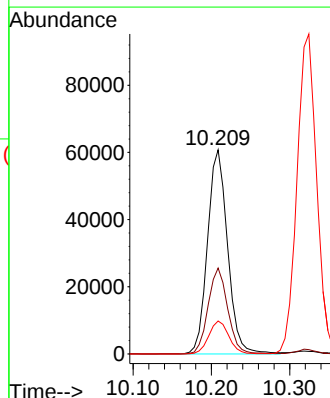
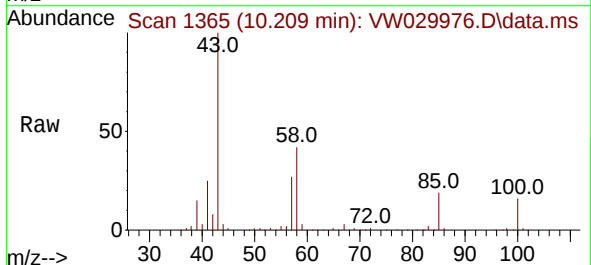
Tgt Ion: 43 Resp: 108160

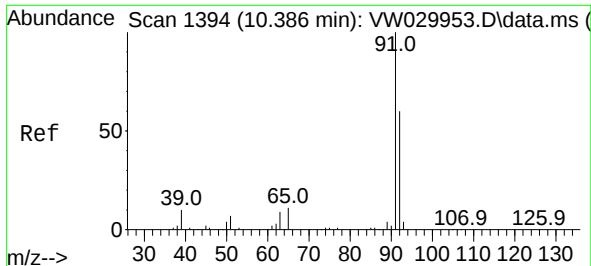
Ion Ratio Lower Upper

43 100

58 41.0 28.7 43.1

100 16.2 10.0 15.0#





#42

Toluene

Concen: 27.935 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

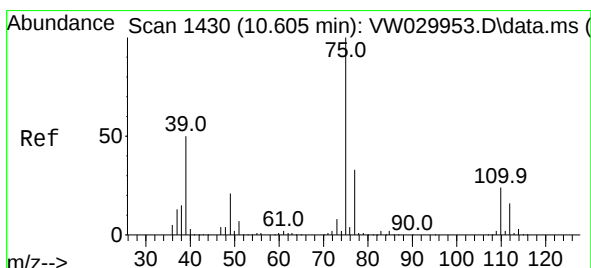
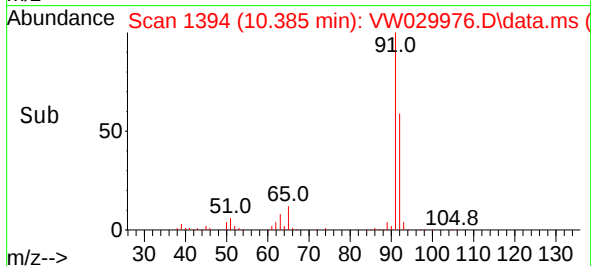
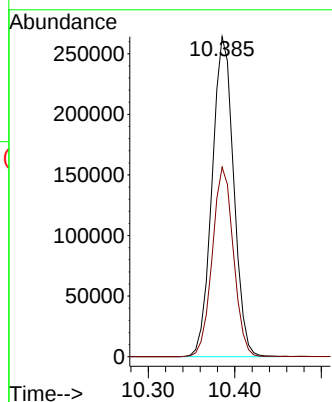
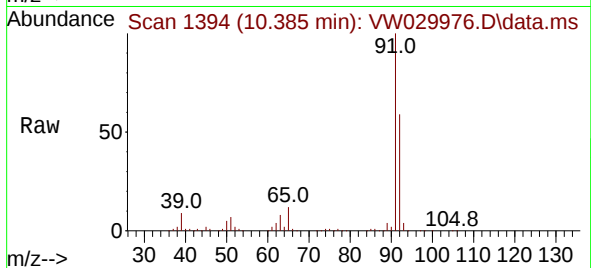
ClientSampleId :

Tgt Ion: 91 Resp: 456937

Ion Ratio Lower Upper

91 100

92 59.2 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.062 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029976.D

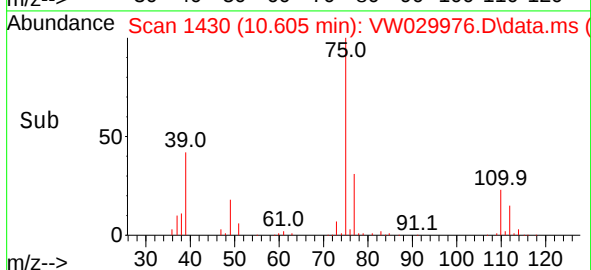
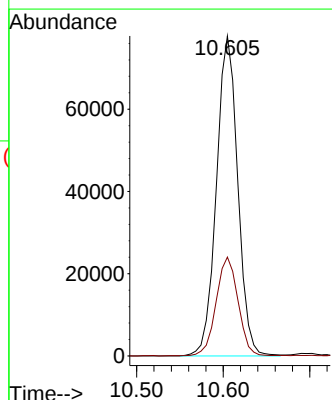
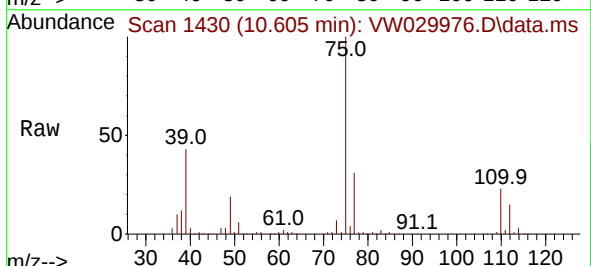
Acq: 22 Aug 2024 09:39

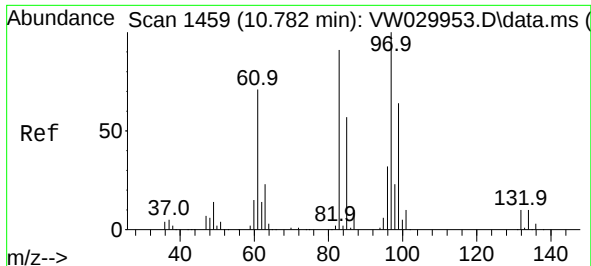
Tgt Ion: 75 Resp: 133059

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.553 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 81285

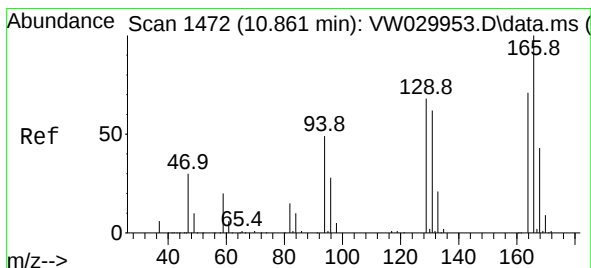
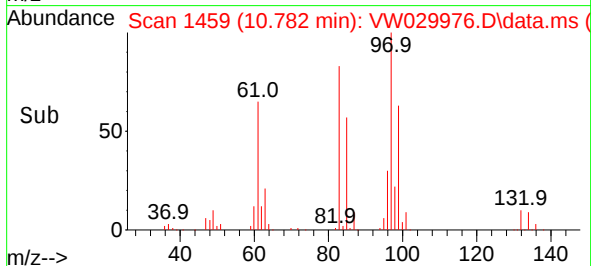
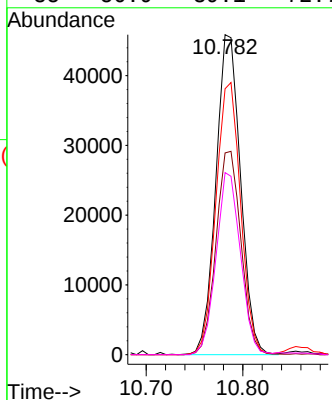
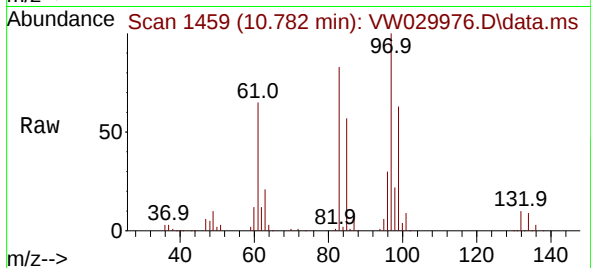
Ion Ratio Lower Upper

97 100

99 63.0 40.1 74.5

83 83.1 58.5 108.7

85 56.9 39.1 72.7



#46

Tetrachloroethene

Concen: 26.772 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Tgt Ion:164 Resp: 81743

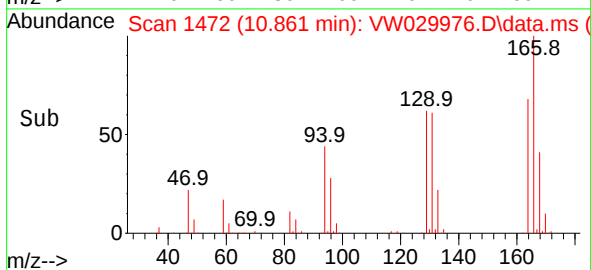
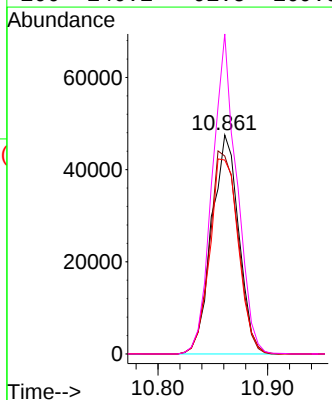
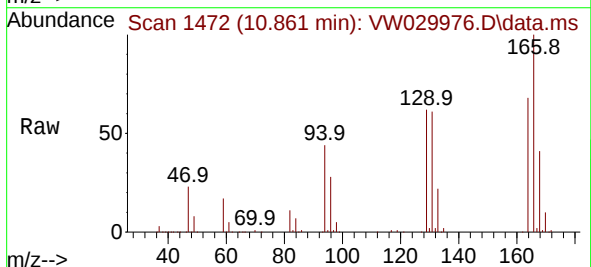
Ion Ratio Lower Upper

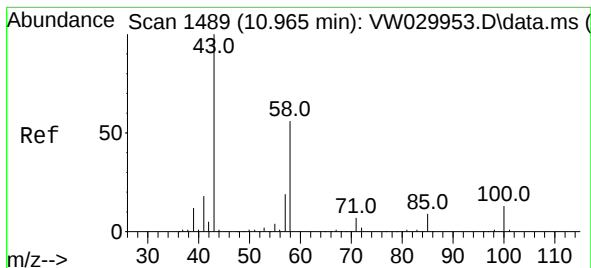
164 100

129 90.4 77.8 144.6

131 88.6 70.9 131.7

166 146.1 91.5 169.9





#48

2-Hexanone

Concen: 37.695 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

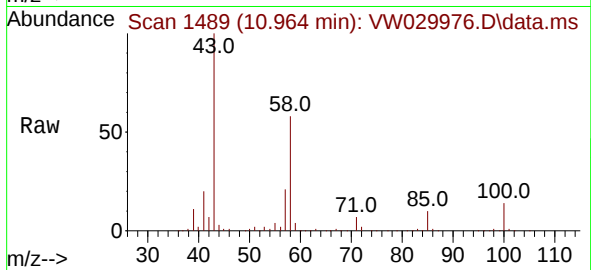
Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 78748

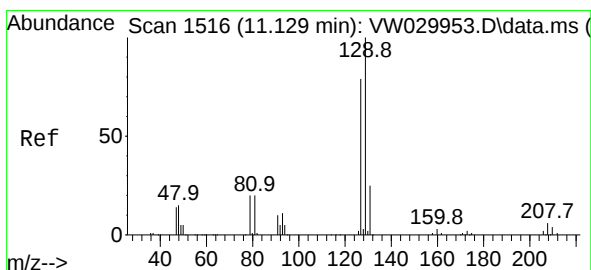
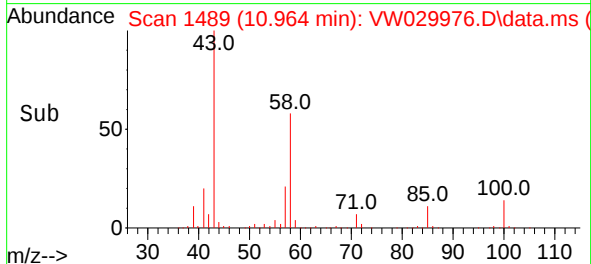
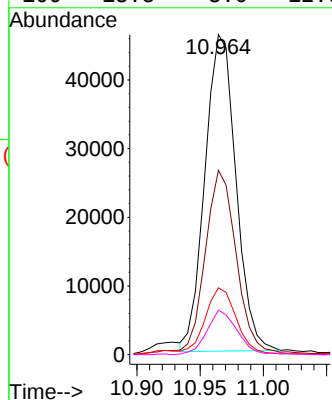
Ion Ratio Lower Upper

43 100

58 58.3 41.0 61.4

57 21.7 14.1 21.1#

100 13.8 8.0 12.0#



#49

Dibromochloromethane

Concen: 28.651 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW029976.D

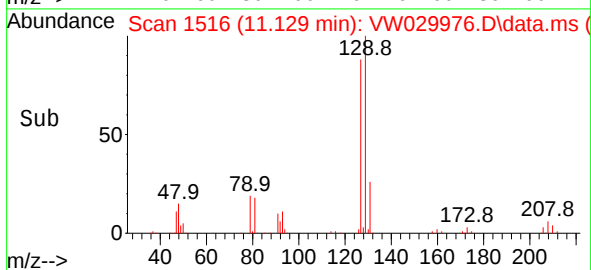
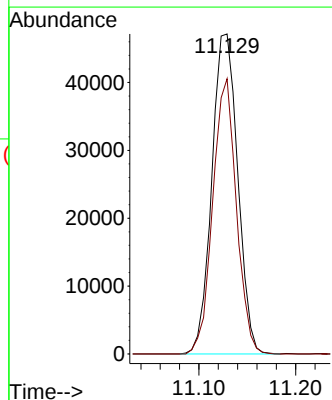
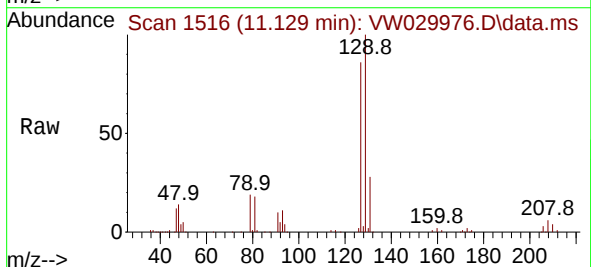
Acq: 22 Aug 2024 09:39

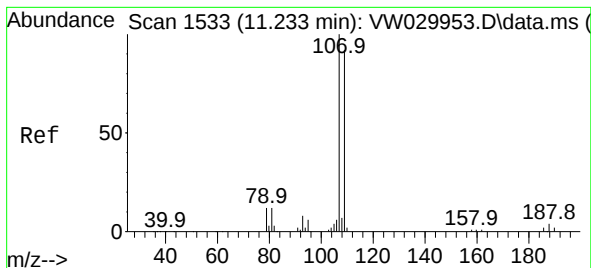
Tgt Ion:129 Resp: 87747

Ion Ratio Lower Upper

129 100

127 86.0 52.4 97.2





#50

1,2-Dibromoethane

Concen: 26.568 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029976.D

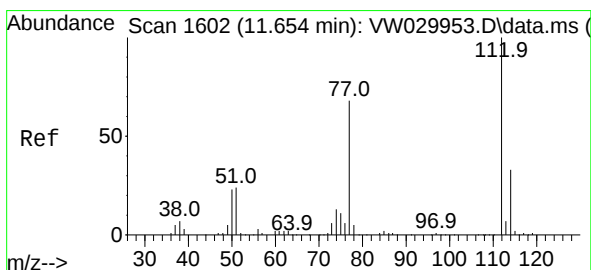
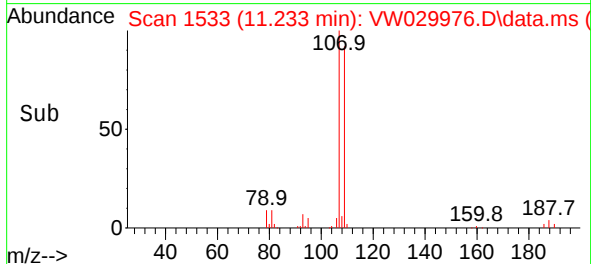
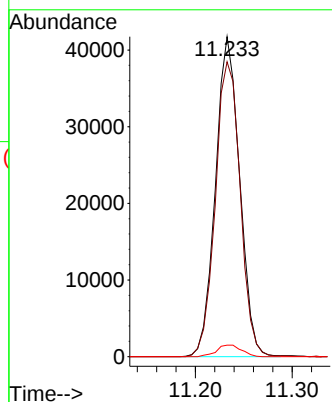
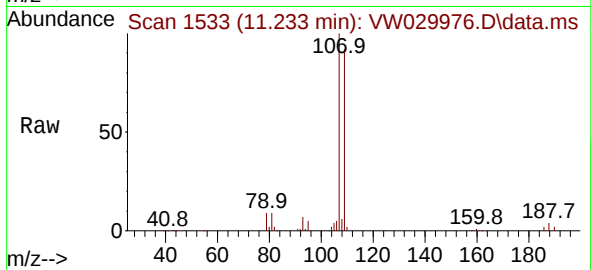
Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	72521
Ion	Ratio	Lower	Upper
107	100		
109	92.2	64.8	120.3
188	3.6	2.7	4.1



#51

Chlorobenzene

Concen: 27.653 ug/L

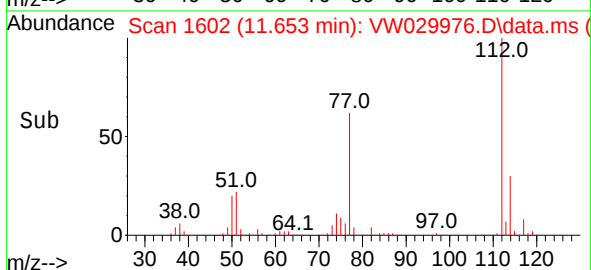
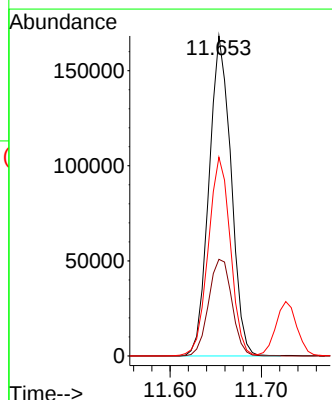
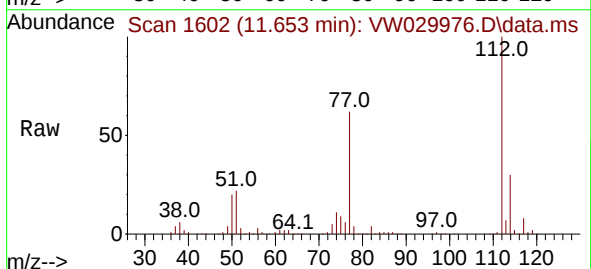
RT: 11.653 min Scan# 1602

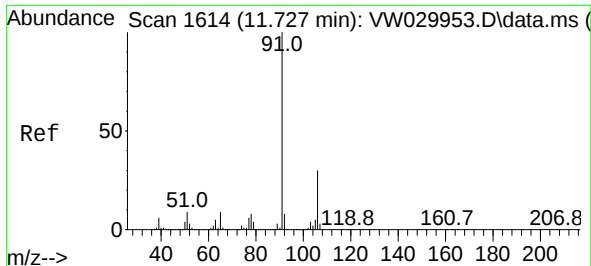
Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Tgt Ion:	112	Resp:	281357
Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.0	40.8
77	62.1	53.8	80.8





#52

Ethylbenzene

Concen: 27.821 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

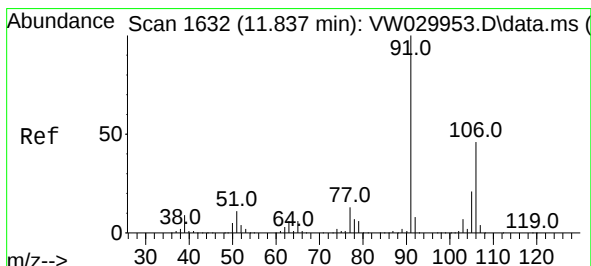
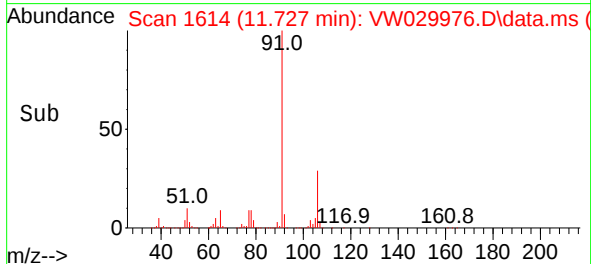
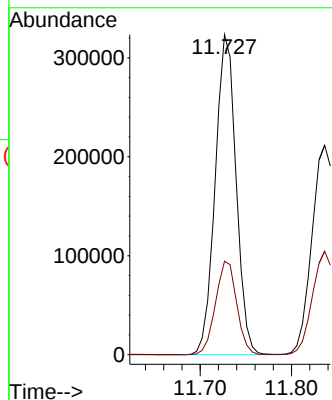
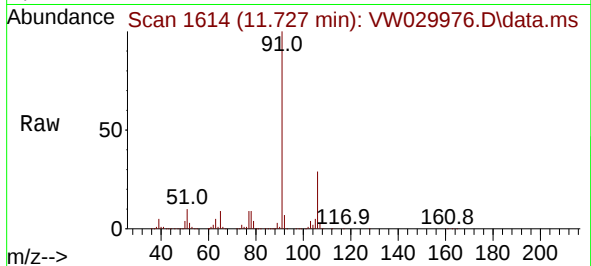
ClientSampleId :

Tgt Ion: 91 Resp: 513335

Ion Ratio Lower Upper

91 100

106 29.2 20.4 38.0



#53

m,p-Xylene

Concen: 28.458 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029976.D

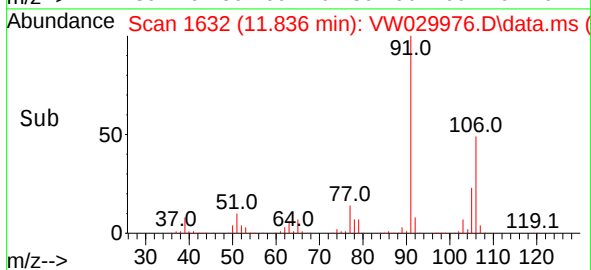
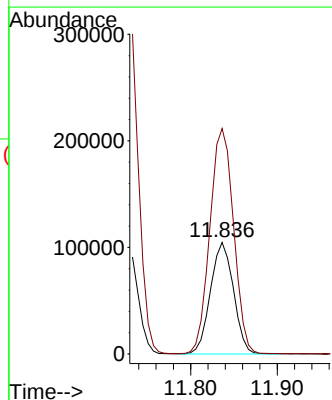
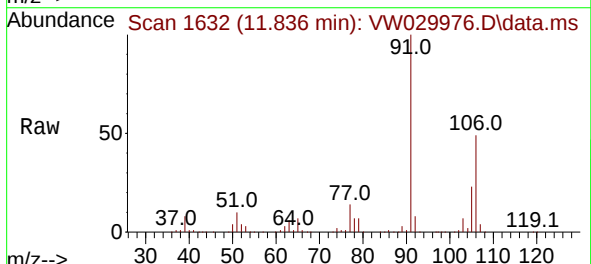
Acq: 22 Aug 2024 09:39

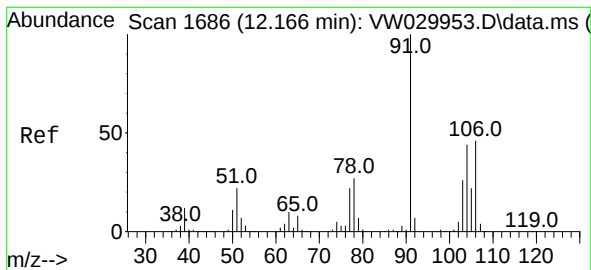
Tgt Ion:106 Resp: 193107

Ion Ratio Lower Upper

106 100

91 202.2 151.4 281.2





#54

o-Xylene

Concen: 28.663 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

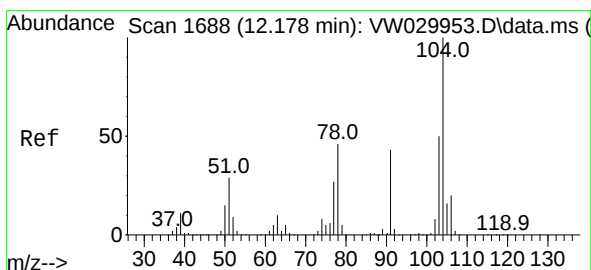
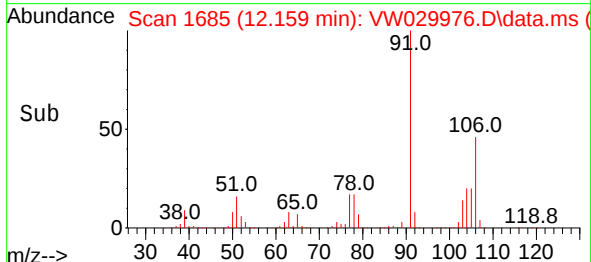
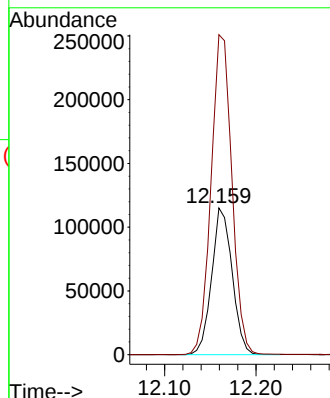
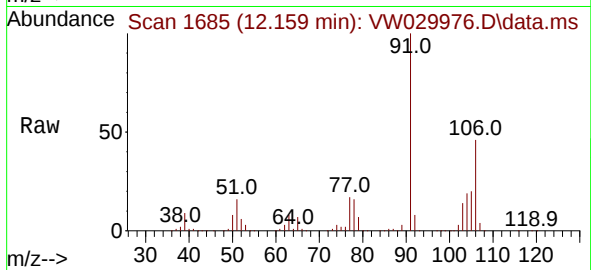
ClientSampleId :

Tgt Ion:106 Resp: 179111

Ion Ratio Lower Upper

106 100

91 218.1 155.8 289.4



#55

Styrene

Concen: 30.112 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029976.D

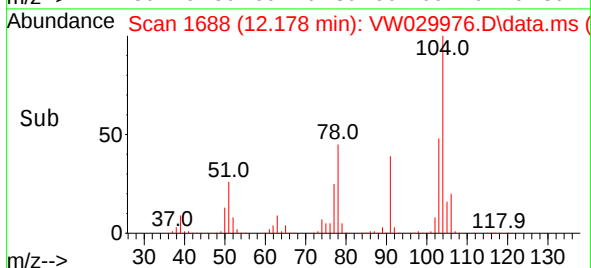
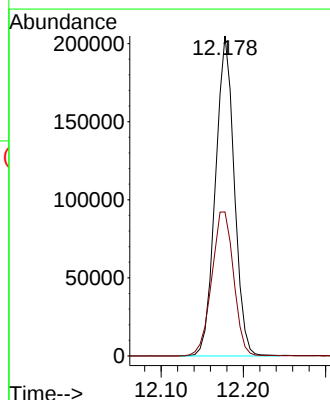
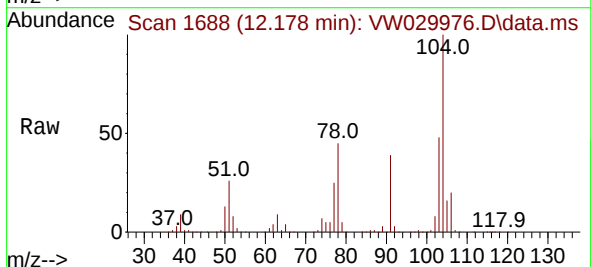
Acq: 22 Aug 2024 09:39

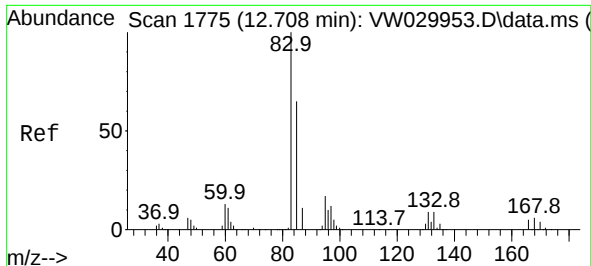
Tgt Ion:104 Resp: 326158

Ion Ratio Lower Upper

104 100

78 45.0 33.3 61.9

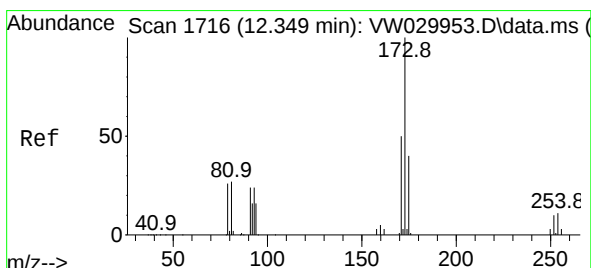
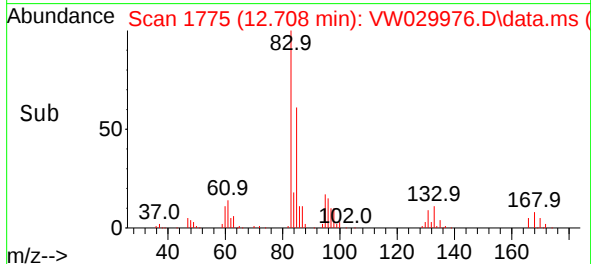
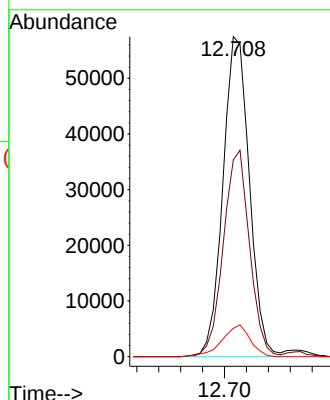
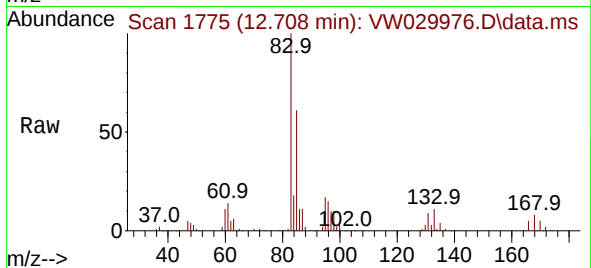




#57
1,1,2,2-Tetrachloroethane
Concen: 26.567 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

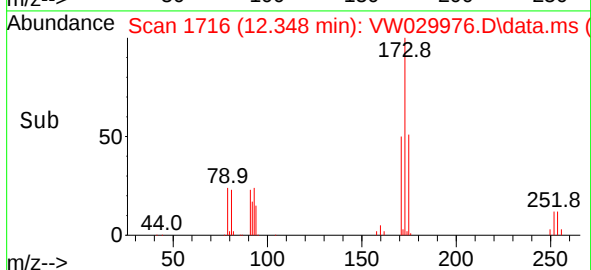
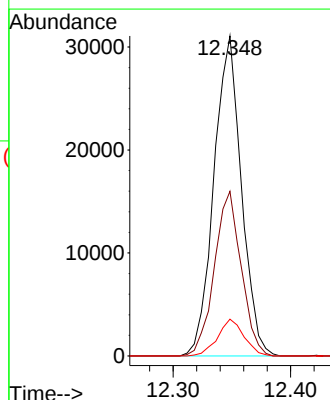
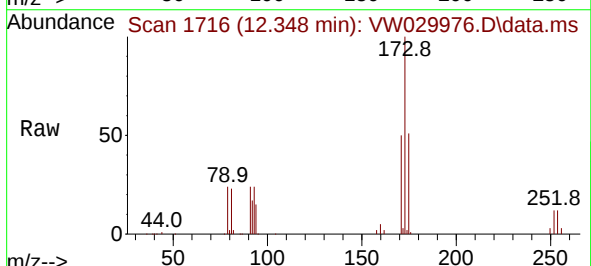
Instrument :
MSVOA_W
ClientSampleId :

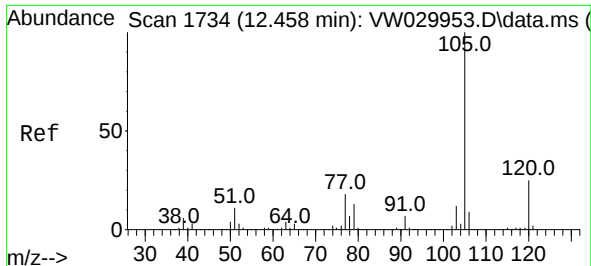
Tgt Ion: 83 Resp: 96198
Ion Ratio Lower Upper
83 100
85 61.5 44.2 82.0
131 8.9 6.2 9.2



#59
Bromoform
Concen: 26.828 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

Tgt Ion:173 Resp: 50496
Ion Ratio Lower Upper
173 100
175 50.2 38.1 57.1
254 11.0 7.8 11.6





#60

Isopropylbenzene

Concen: 25.651 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :

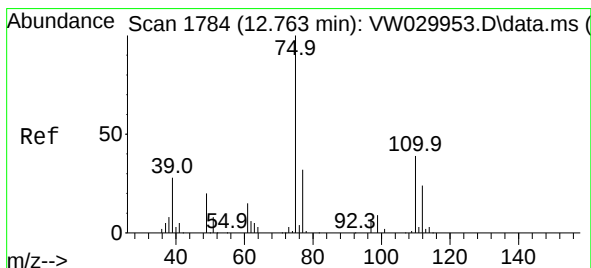
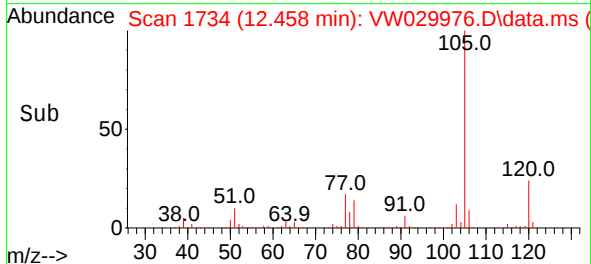
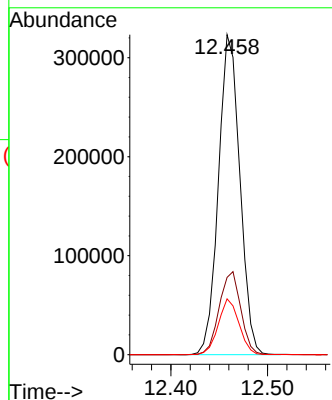
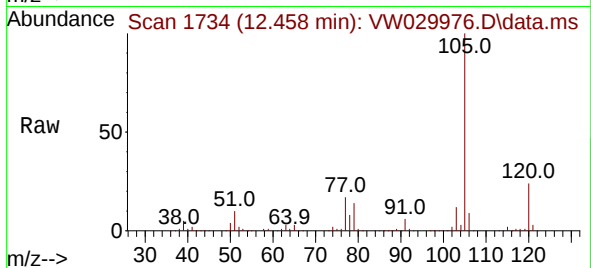
Tgt Ion:105 Resp: 496526

Ion Ratio Lower Upper

105 100

120 26.1 20.3 30.5

77 16.9 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 22.360 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

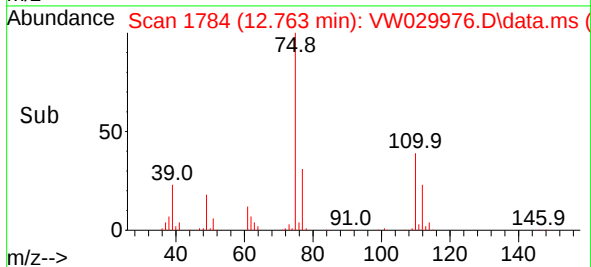
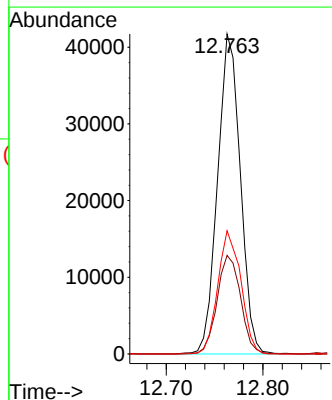
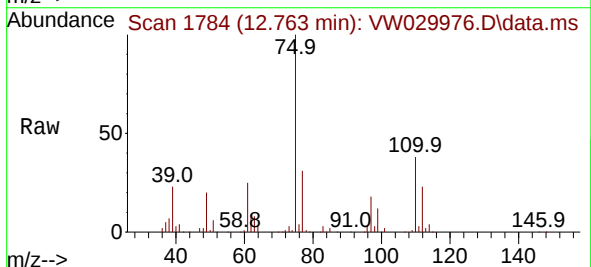
Tgt Ion: 75 Resp: 68026

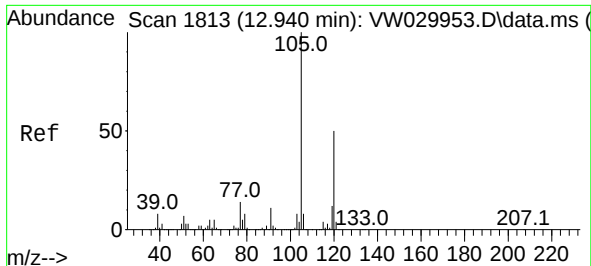
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

110 39.1 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 28.385 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

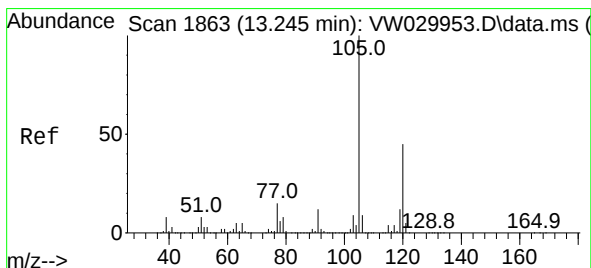
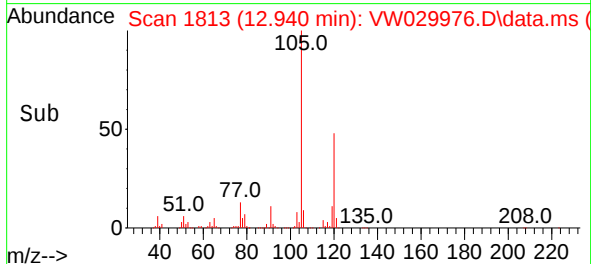
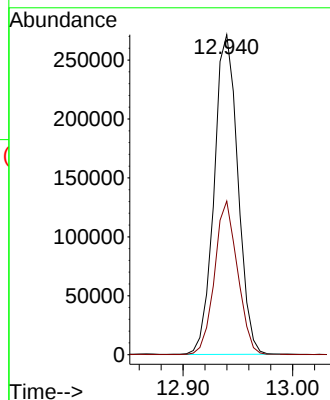
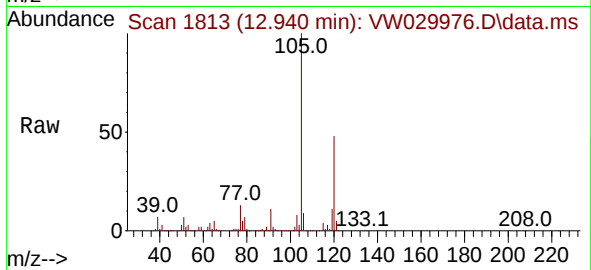
ClientSampleId :

Tgt Ion:105 Resp: 408395

Ion Ratio Lower Upper

105 100

120 46.6 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 26.494 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029976.D

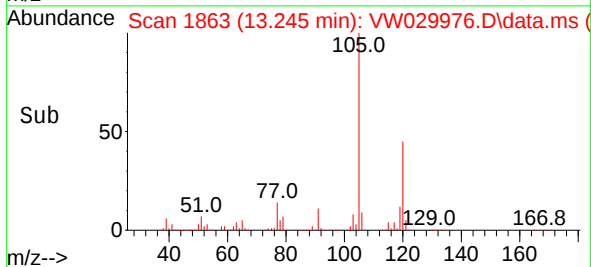
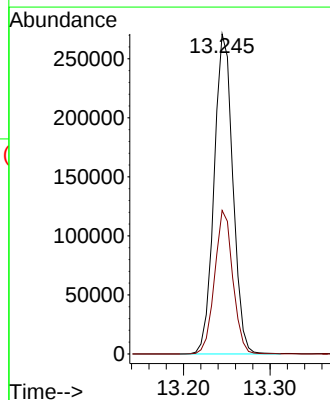
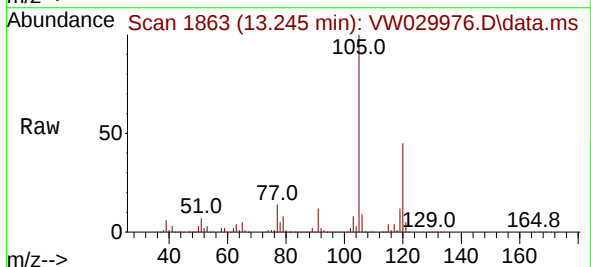
Acq: 22 Aug 2024 09:39

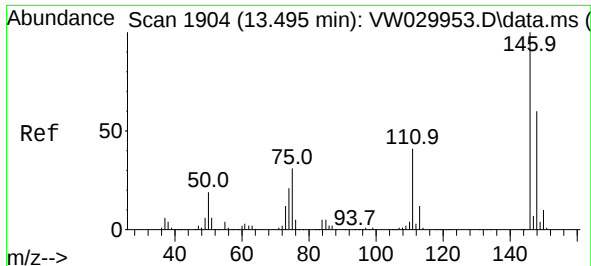
Tgt Ion:105 Resp: 407669

Ion Ratio Lower Upper

105 100

120 43.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 25.860 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :

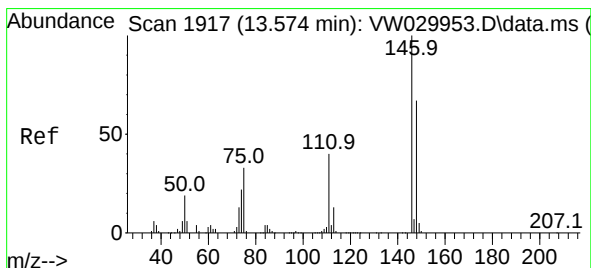
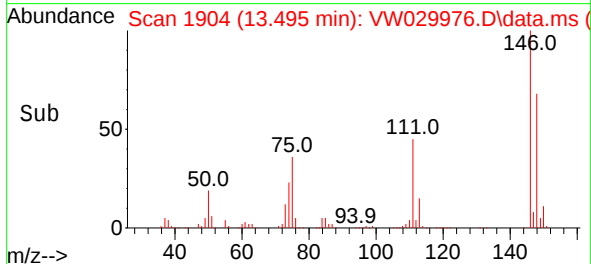
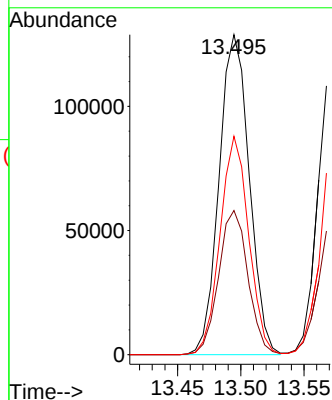
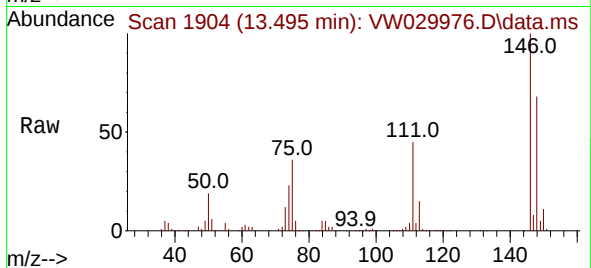
Tgt Ion:146 Resp: 213566

Ion Ratio Lower Upper

146 100

111 45.0 28.7 53.3

148 68.2 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 26.570 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

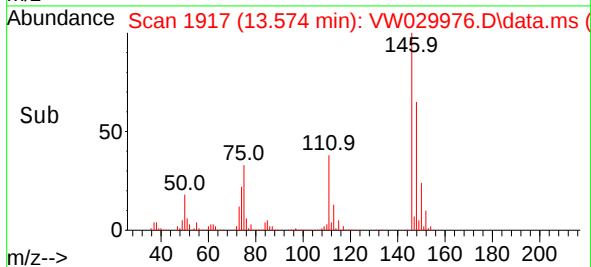
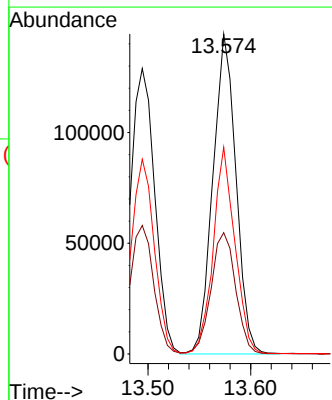
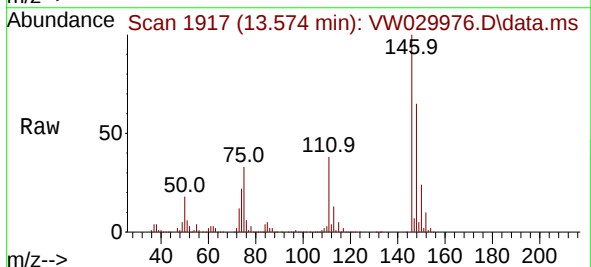
Tgt Ion:146 Resp: 225396

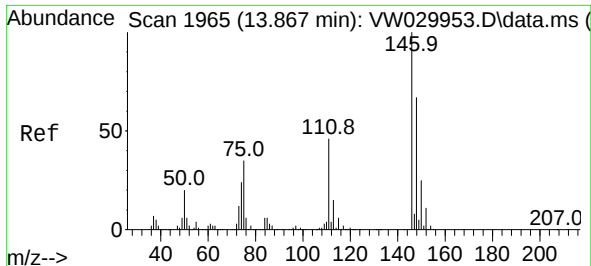
Ion Ratio Lower Upper

146 100

111 37.9 30.1 55.9

148 64.6 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 27.286 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

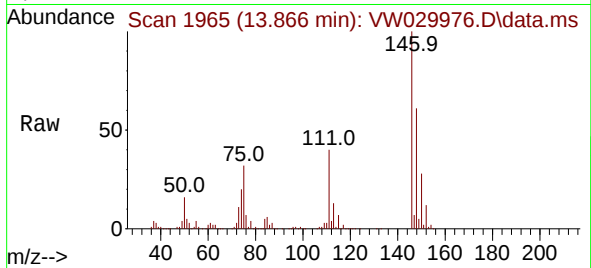
Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :



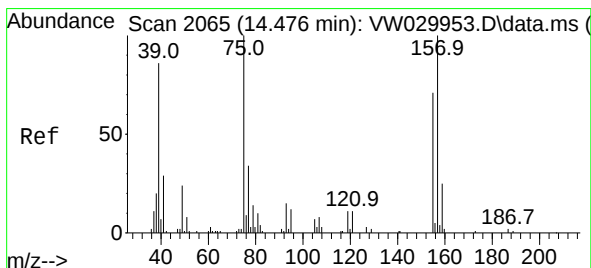
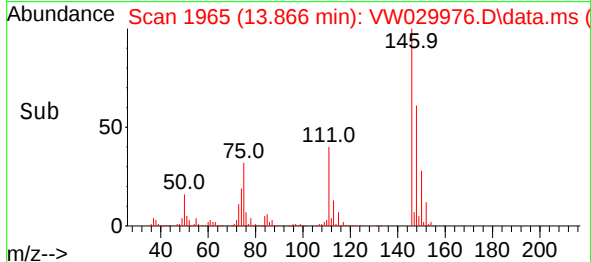
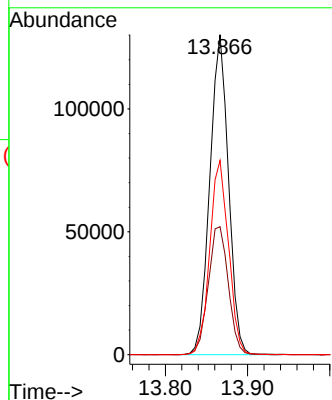
Tgt Ion:146 Resp: 205163

Ion Ratio Lower Upper

146 100

111 40.0 35.8 53.8

148 60.7 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 21.412 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

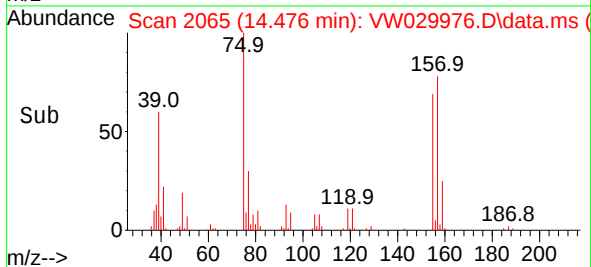
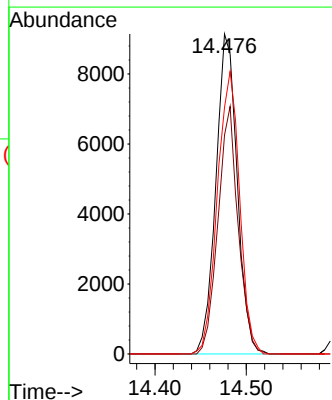
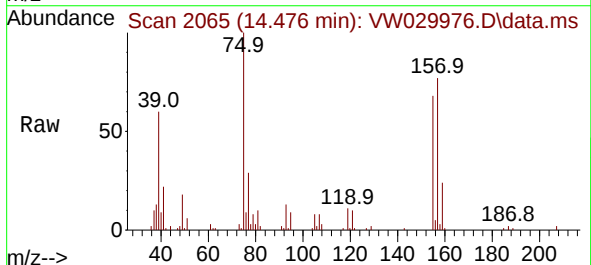
Tgt Ion: 75 Resp: 14791

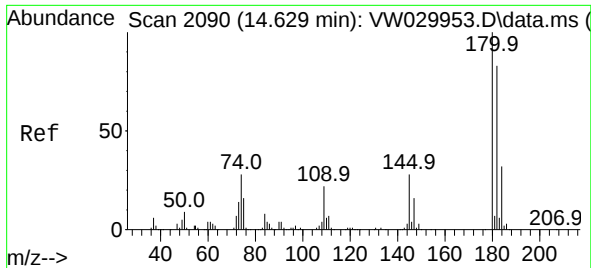
Ion Ratio Lower Upper

75 100

155 68.4 47.8 71.6

157 77.1 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 26.054 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

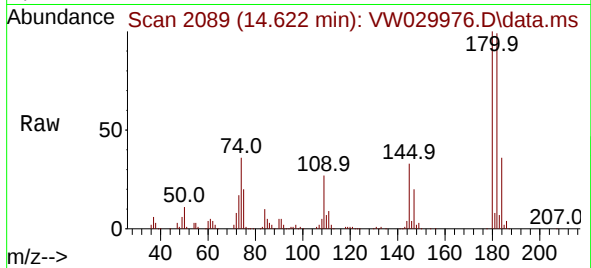
Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 147217

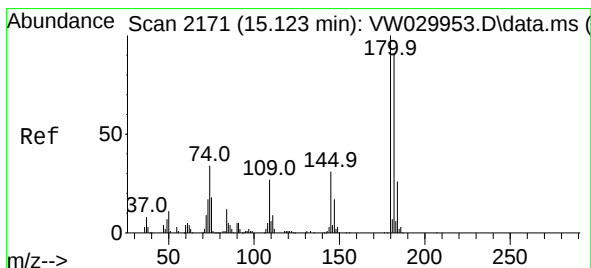
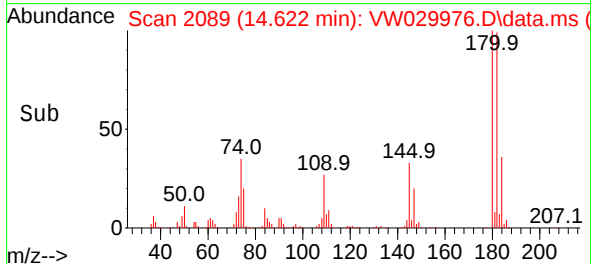
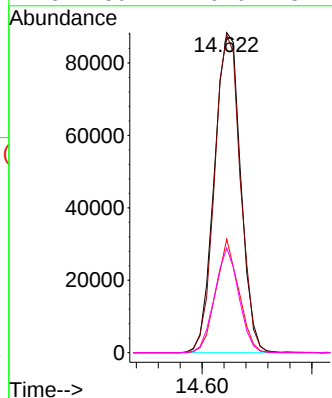
Ion Ratio Lower Upper

180 100

182 97.3 72.7 109.1

184 30.9 23.3 34.9

145 30.1 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.582 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029976.D

Acq: 22 Aug 2024 09:39

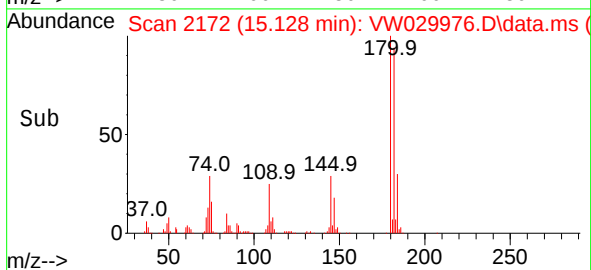
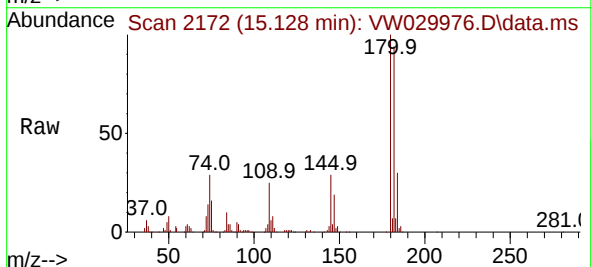
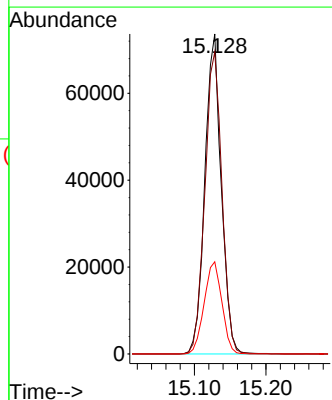
Tgt Ion:180 Resp: 117018

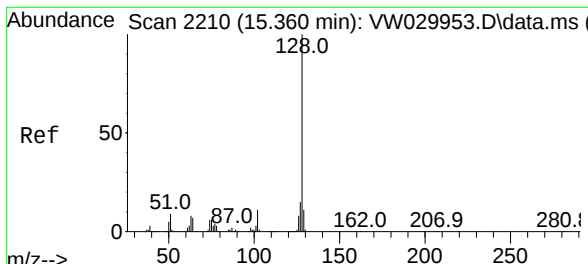
Ion Ratio Lower Upper

180 100

182 98.6 80.2 120.4

145 31.2 26.3 39.5



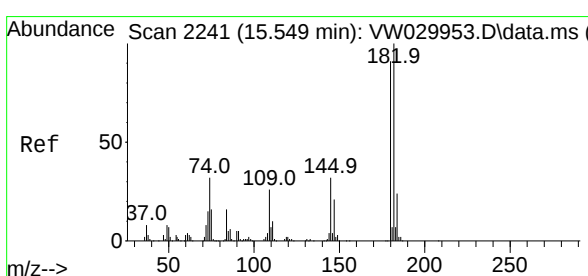
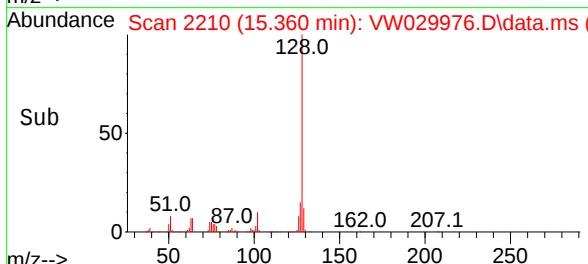
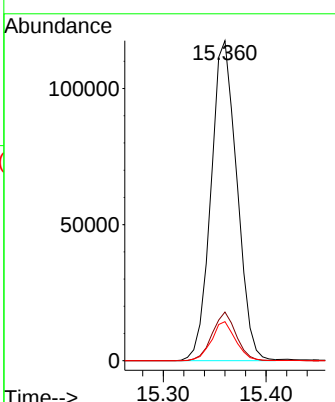
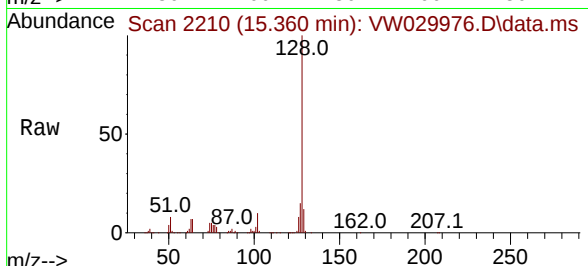


#71
Naphthalene
Concen: 22.669 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 205902

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	11.4	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 24.522 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW029976.D
Acq: 22 Aug 2024 09:39

Tgt Ion:180 Resp: 105653

Ion	Ratio	Lower	Upper
180	100		
182	93.7	74.0	111.0
145	34.3	27.5	41.3

