

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029198.D
 Acq On : 18 Jun 2024 23:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 01:54:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 01:46:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	244029	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	229017	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	107178	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	75379	22.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
7) Chloroethane-d5	2.899	69	63326	22.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	4.027	65	35867	21.993	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.960%
21) 2-Butanone-d5	7.075	46	50368	49.843	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.680%
24) Chloroform-d	7.648	84	172430	23.687	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.760%
26) 1,2-Dichloroethane-d4	8.307	65	100516	24.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	8.270	84	336862	24.216	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	9.276	67	107966	24.416	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.680%
41) Toluene-d8	10.325	98	308267	25.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	10.575	79	41834	23.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.920%
47) 2-Hexanone-d5	10.922	63	36247	52.291	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83442	23.710	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	96125	25.838	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.360%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	44281	18.599	ug/L	95
3) Chloromethane	2.222	50	73873	21.761	ug/L	99
5) Vinyl chloride	2.375	62	82409	21.139	ug/L	96
6) Bromomethane	2.789	94	52115	22.242	ug/L	93
8) Chloroethane	2.936	64	54889	23.019	ug/L	99
9) Trichlorofluoromethane	3.271	101	64942	21.487	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	66345	19.909	ug/L	96
12) 1,1-Dichloroethene	4.045	96	65795	23.269	ug/L	98
13) Acetone	4.124	43	35388	41.207	ug/L	95
14) Carbon disulfide	4.399	76	199106	21.571	ug/L	100
15) Methyl Acetate	4.673	43	43507	25.519	ug/L	99
16) Methylene chloride	4.923	84	89089	20.762	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	74344	23.675	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	133469	26.567	ug/L #	88
19) 1,1-Dichloroethane	6.216	63	162774	24.001	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	86733	25.047	ug/L	96
22) 2-Butanone	7.167	43	53943	45.822	ug/L	95
23) Bromochloromethane	7.514	128	37079	24.054	ug/L	97
25) Chloroform	7.679	83	160207	24.191	ug/L	99

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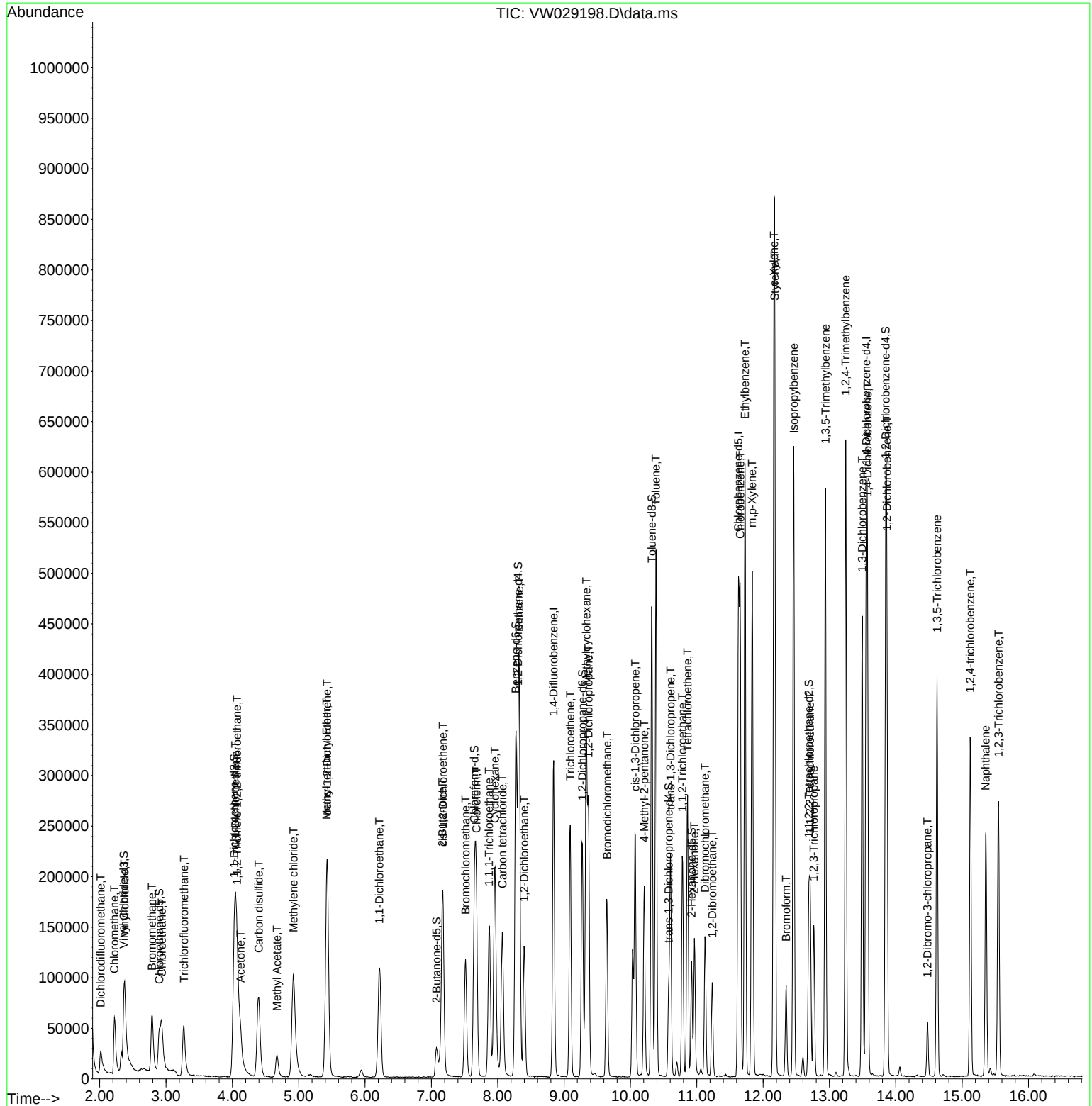
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	117654	24.088	ug/L	99
29) Cyclohexane	7.959	56	119341	22.794	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	119958	23.555	ug/L	97
31) Carbon tetrachloride	8.069	117	106065	22.799	ug/L	94
33) Benzene	8.325	78	341232	24.798	ug/L	100
34) Trichloroethene	9.093	95	86602	23.590	ug/L	94
35) Methylcyclohexane	9.337	83	127657	22.110	ug/L	98
37) 1,2-Dichloropropane	9.367	63	95637	24.734	ug/L	99
38) Bromodichloromethane	9.648	83	116394	24.620	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	136320	24.941	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	127235	53.090	ug/L	99
42) Toluene	10.386	91	355751	25.148	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	115075	24.934	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	66416	24.663	ug/L	99
46) Tetrachloroethene	10.861	164	59124	23.038	ug/L	88
48) 2-Hexanone	10.965	43	87445	51.422	ug/L	98
49) Dibromochloromethane	11.123	129	68930	24.486	ug/L	95
50) 1,2-Dibromoethane	11.233	107	59537	24.629	ug/L	99
51) Chlorobenzene	11.654	112	228643	24.890	ug/L	97
52) Ethylbenzene	11.727	91	401608	25.010	ug/L	99
53) m,p-Xylene	11.836	106	147189	25.095	ug/L	92
54) o-Xylene	12.166	106	140542	25.638	ug/L	92
55) Styrene	12.178	104	252236	26.391	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	82848	24.871	ug/L	96
59) Bromoform	12.349	173	38625	26.294	ug/L	98
60) Isopropylbenzene	12.464	105	385735	27.010	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	60244	25.770	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	292749	28.305	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	312781	28.107	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	163741	26.495	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	172767	26.274	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	156678	27.423	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	13095	24.004	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	108732	26.069	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	94720	28.014	ug/L	95
71) Naphthalene	15.354	128	195491	29.295	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88282	28.656	ug/L	97

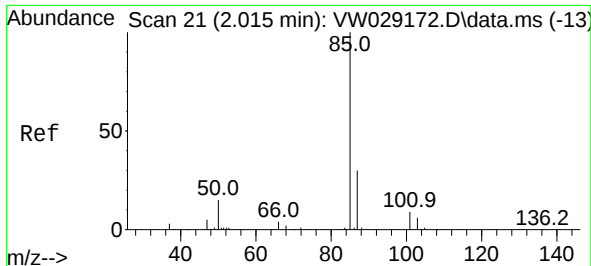
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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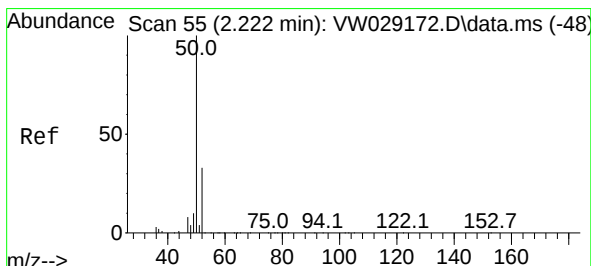
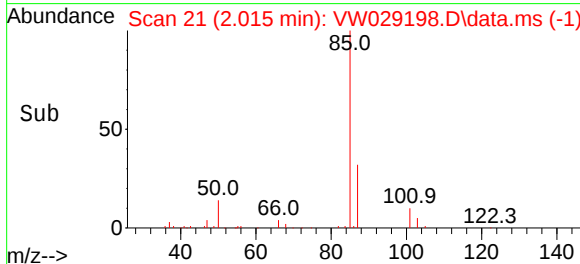
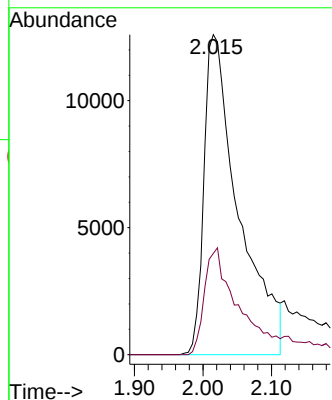
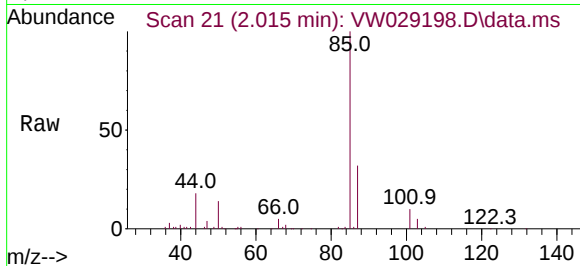




#2
 Dichlorodifluoromethane
 Concen: 18.599 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029198.D
 Acq: 18 Jun 2024 23:13

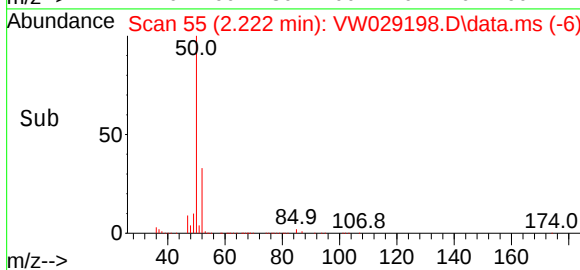
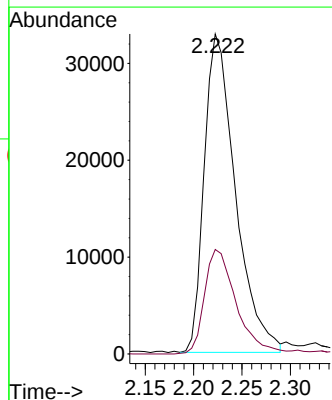
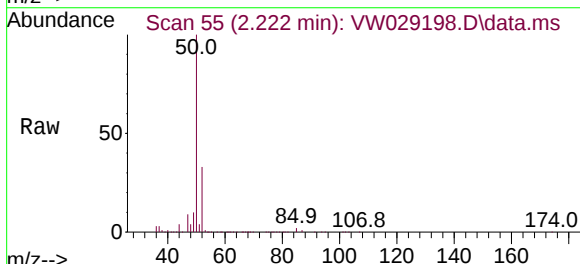
Instrument :
 MSVOA_W
 ClientSampleId :

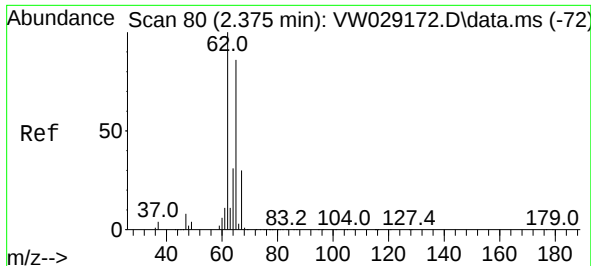
Tgt Ion: 85 Resp: 44281
 Ion Ratio Lower Upper
 85 100
 87 32.5 23.8 35.6



#3
 Chloromethane
 Concen: 21.761 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029198.D
 Acq: 18 Jun 2024 23:13

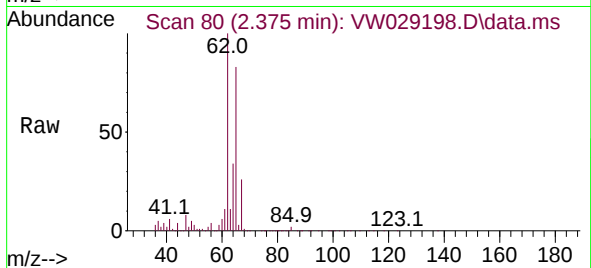
Tgt Ion: 50 Resp: 73873
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.3 41.5



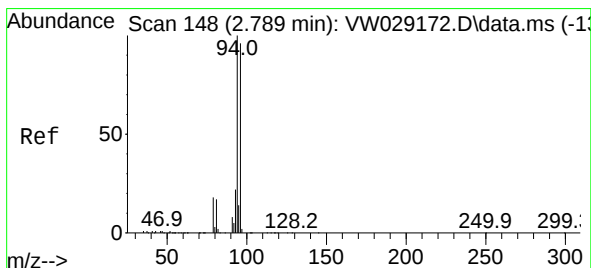
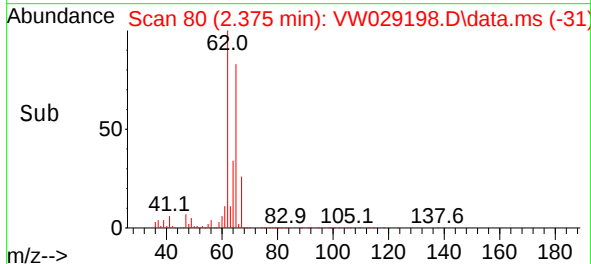
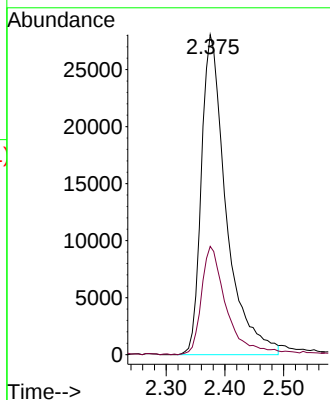


#5
 Vinyl chloride
 Concen: 21.139 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029198.D
 Acq: 18 Jun 2024 23:13

Instrument :
 MSVOA_W
 ClientSampleId :

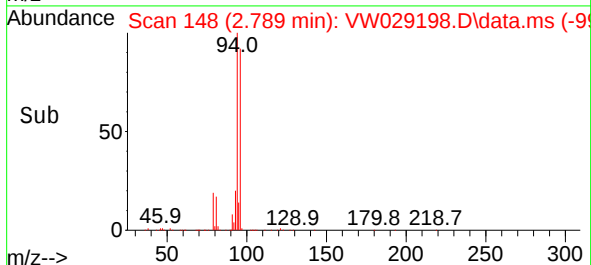
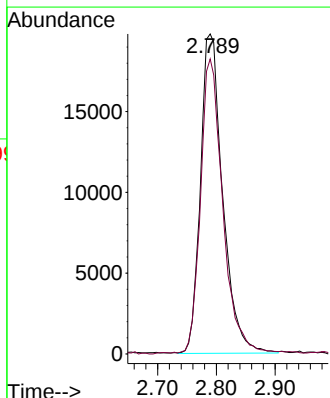
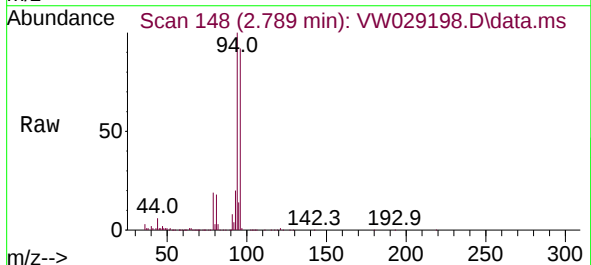


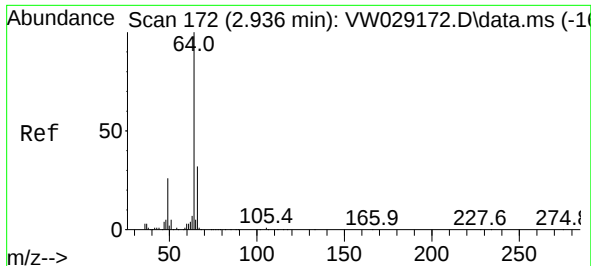
Tgt Ion: 62 Resp: 82409
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.0 40.8



#6
 Bromomethane
 Concen: 22.242 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029198.D
 Acq: 18 Jun 2024 23:13

Tgt Ion: 94 Resp: 52115
 Ion Ratio Lower Upper
 94 100
 96 92.2 69.5 129.1

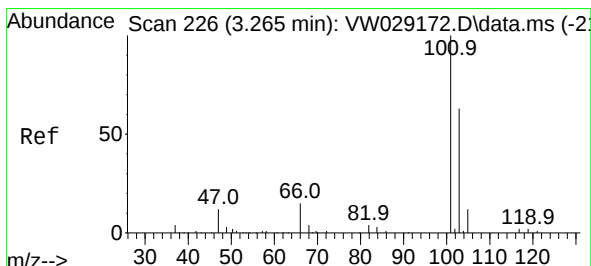
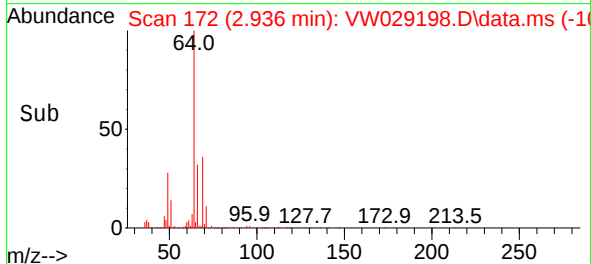
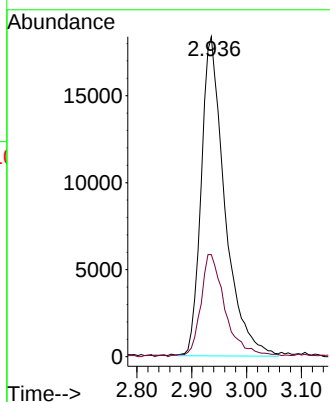
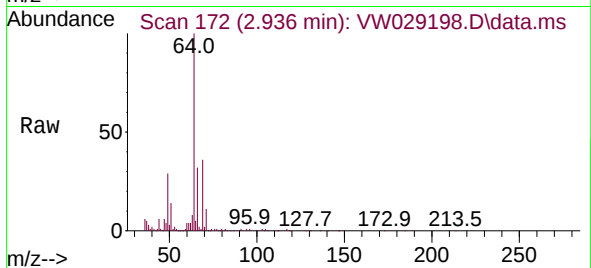




#8
Chloroethane
Concen: 23.019 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029198.D
Acq: 18 Jun 2024 23:13

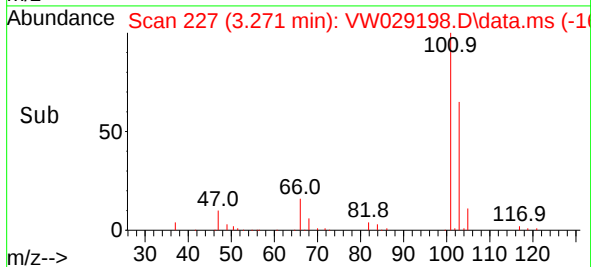
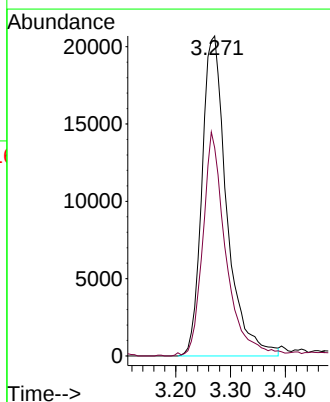
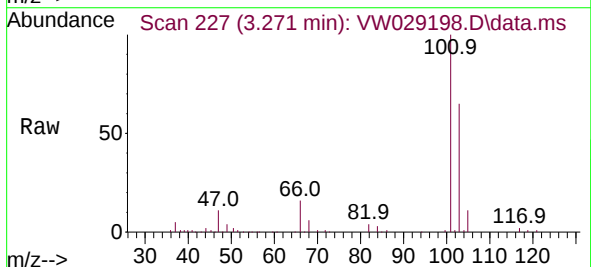
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MSVOA_W
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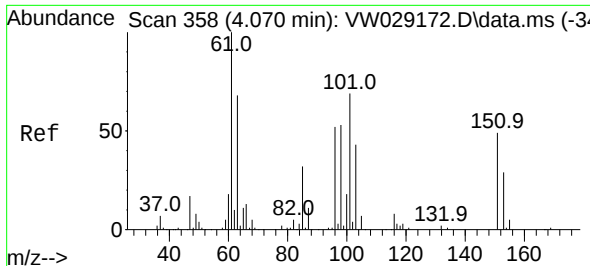
Tgt Ion: 64 Resp: 54889
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.487 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029198.D
Acq: 18 Jun 2024 23:13

Tgt Ion:101 Resp: 64942
Ion Ratio Lower Upper
101 100
103 63.6 50.8 76.2





#10

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

Concen: 19.909 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :

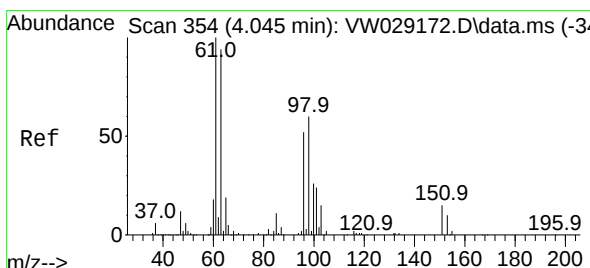
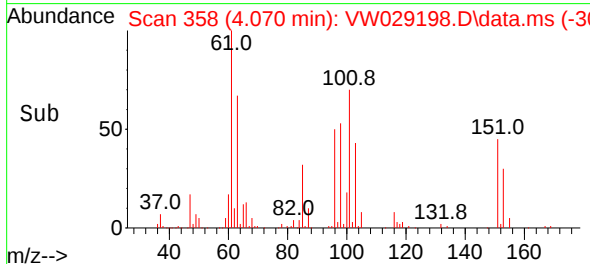
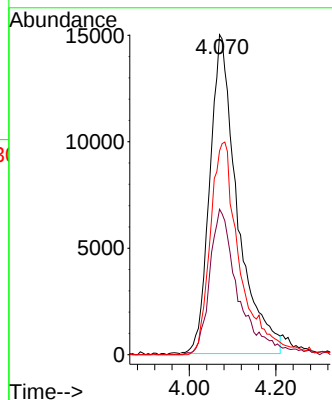
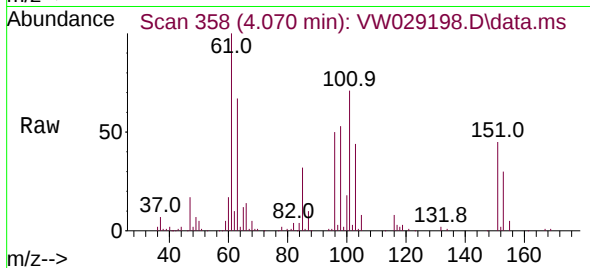
Tgt Ion:101 Resp: 66345

Ion Ratio Lower Upper

101 100

85 42.7 30.2 45.2

151 64.6 52.2 78.4



#12

1,1-Dichloroethene

Concen: 23.269 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

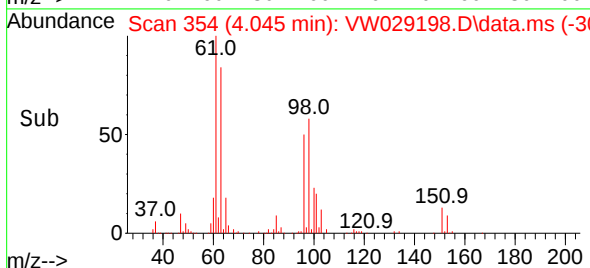
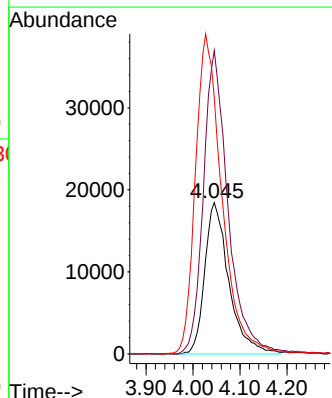
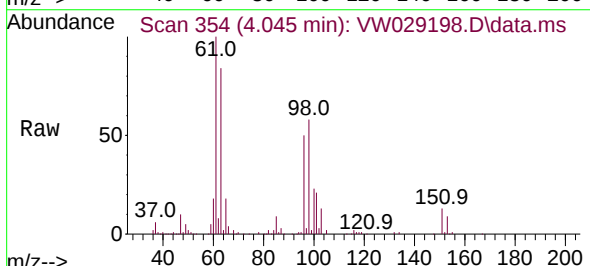
Tgt Ion: 96 Resp: 65795

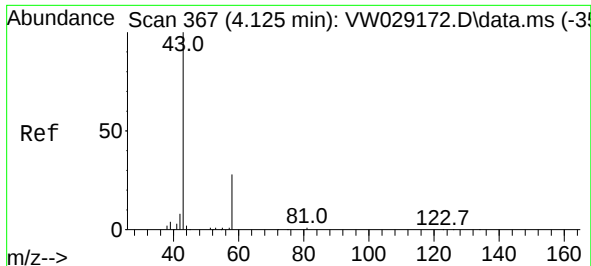
Ion Ratio Lower Upper

96 100

61 200.5 140.1 260.3

63 169.4 122.0 226.6

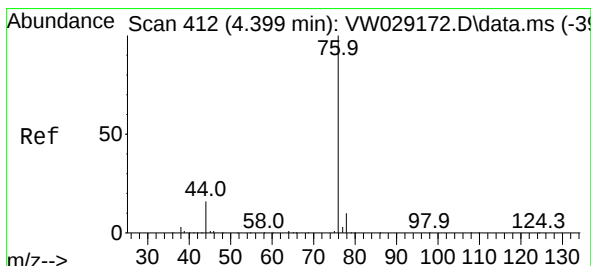
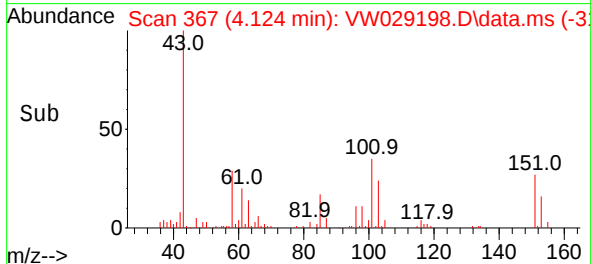
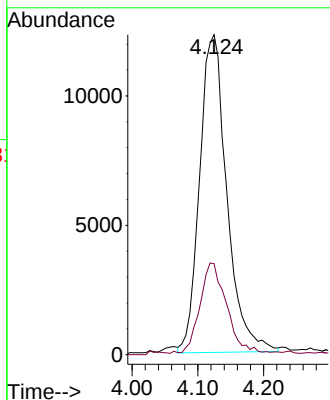
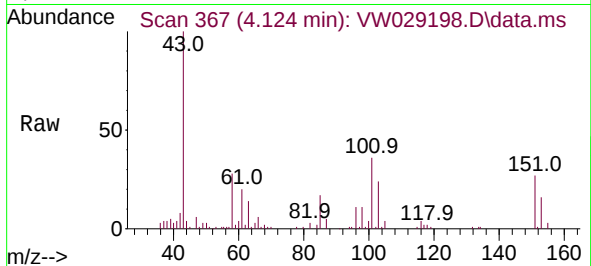




#13
Acetone
Concen: 41.207 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW029198.D
Acq: 18 Jun 2024 23:13

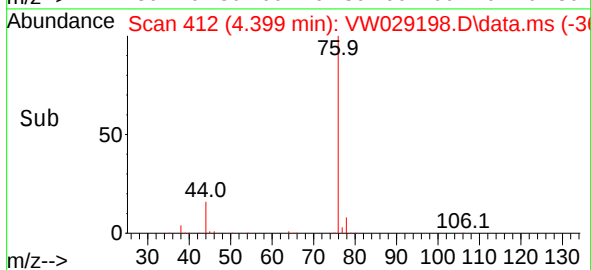
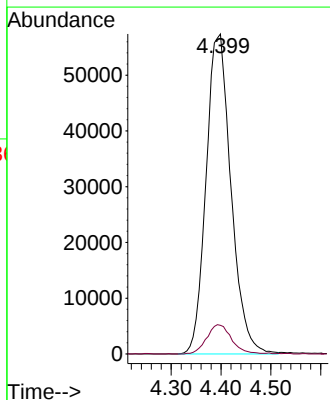
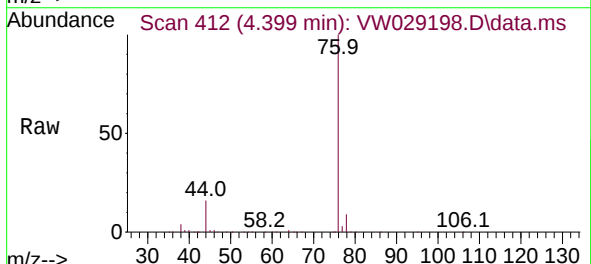
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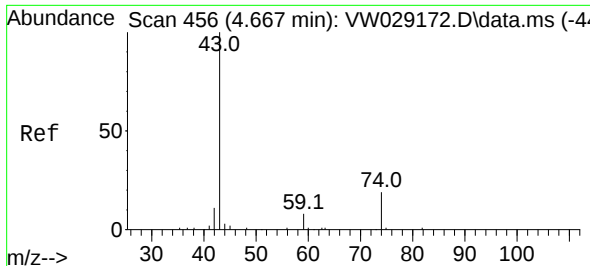
Tgt Ion: 43 Resp: 35388
Ion Ratio Lower Upper
43 100
58 28.0 0.0 61.4



#14
Carbon disulfide
Concen: 21.571 ug/L
RT: 4.399 min Scan# 412
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 199106
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 25.519 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

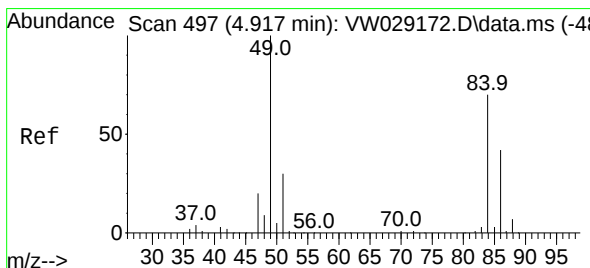
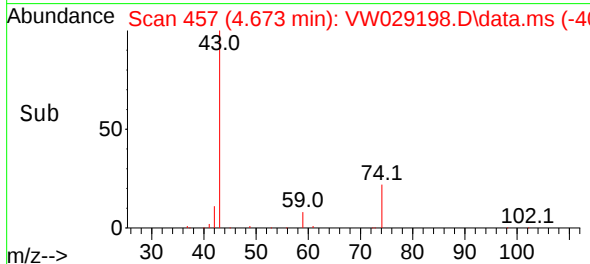
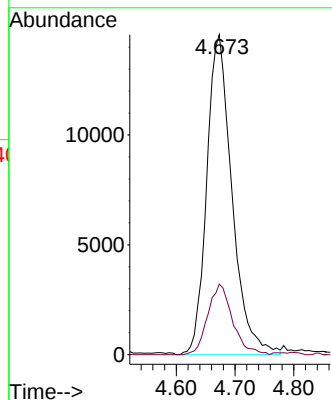
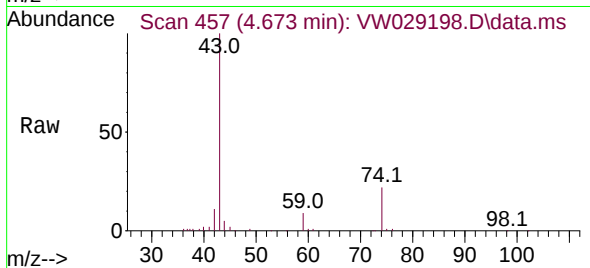
ClientSampleId :

Tgt Ion: 43 Resp: 43507

Ion Ratio Lower Upper

43 100

74 21.4 16.6 25.0



#16

Methylene chloride

Concen: 20.762 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

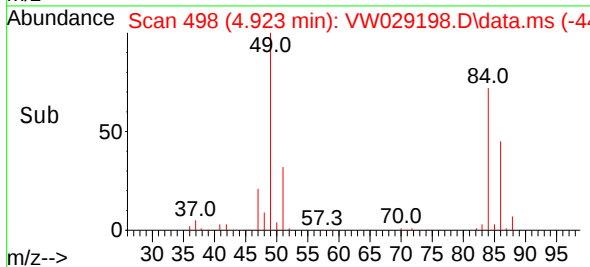
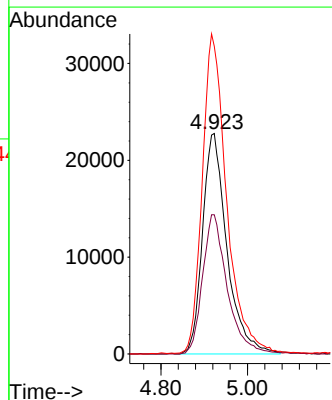
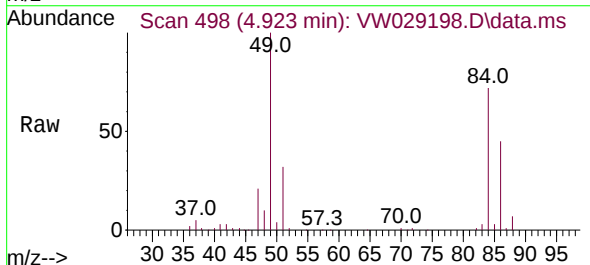
Tgt Ion: 84 Resp: 89089

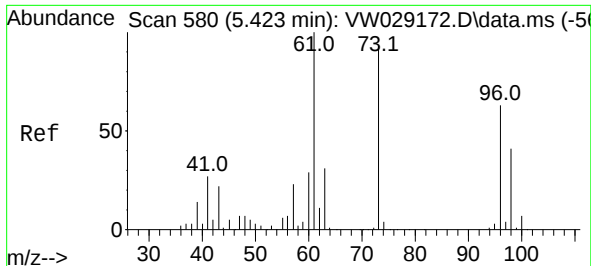
Ion Ratio Lower Upper

84 100

86 63.1 41.4 77.0

49 139.6 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 23.675 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :

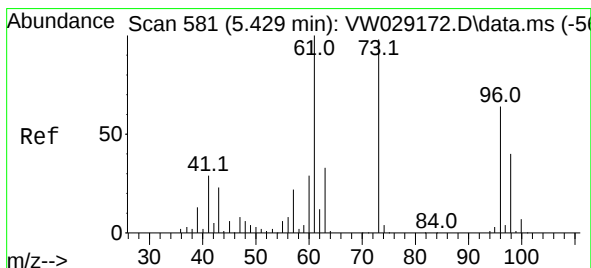
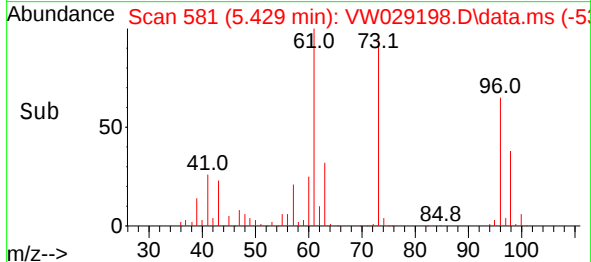
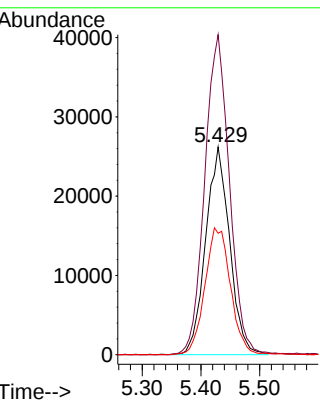
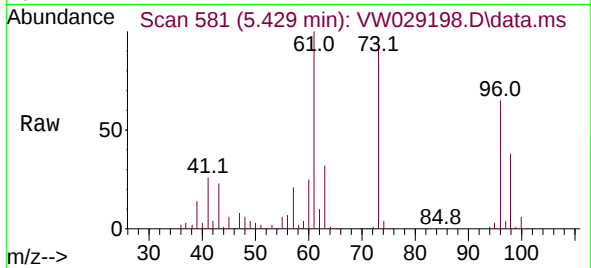
Tgt Ion: 96 Resp: 74344

Ion Ratio Lower Upper

96 100

61 154.0 101.5 188.5

98 58.4 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 26.567 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

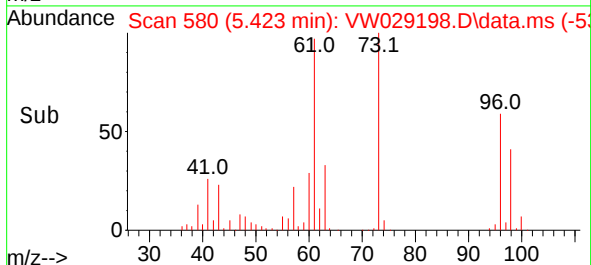
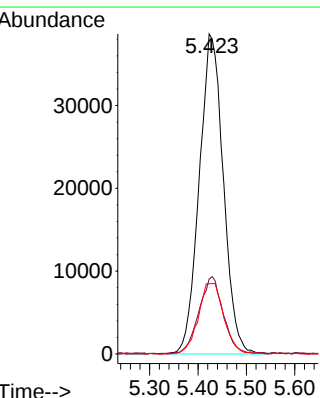
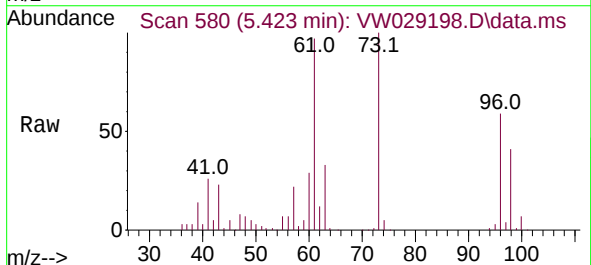
Tgt Ion: 73 Resp: 133469

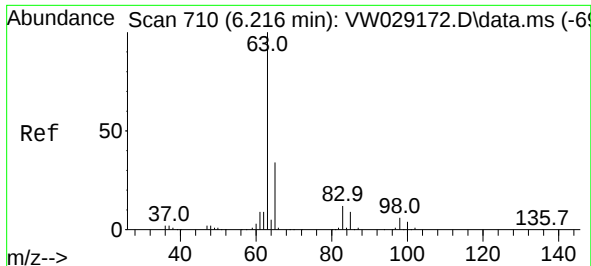
Ion Ratio Lower Upper

73 100

43 23.9 19.5 29.3

57 11.2 18.4 27.6#

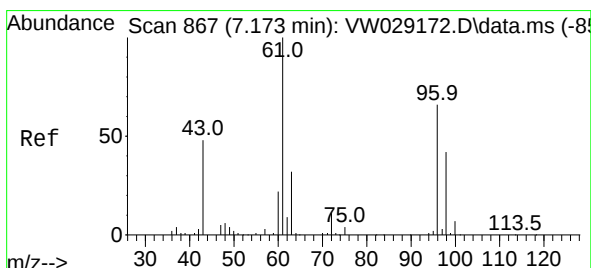
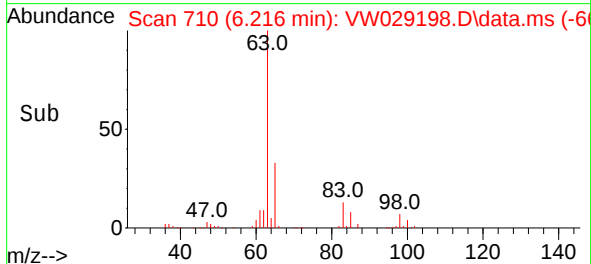
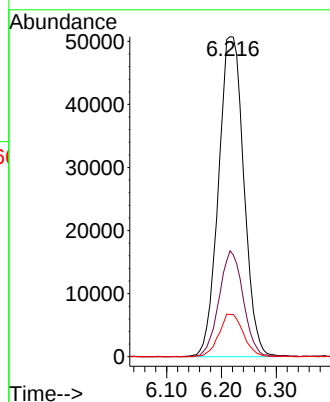
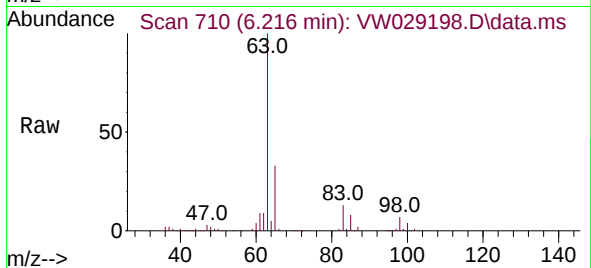




#19
1,1-Dichloroethane
Concen: 24.001 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029198.D
Acq: 18 Jun 2024 23:13

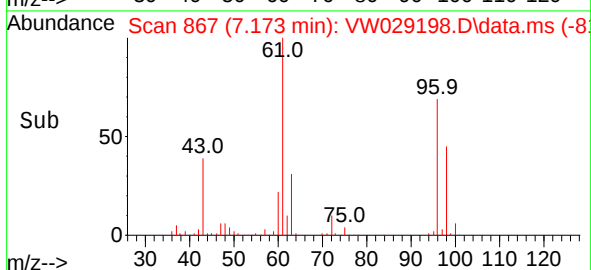
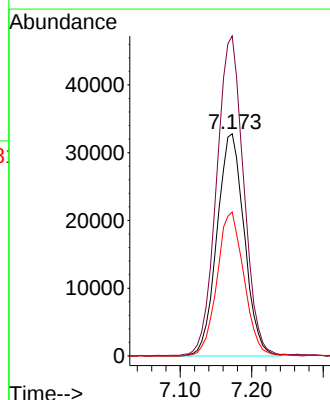
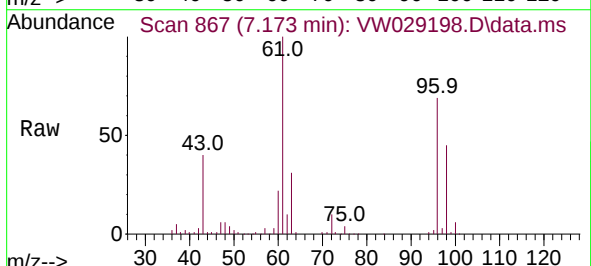
Instrument :
MSVOA_W
ClientSampleId :

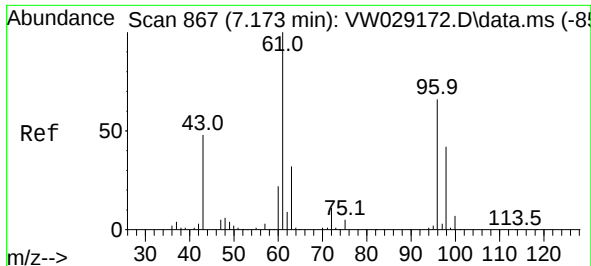
Tgt Ion: 63 Resp: 162774
Ion Ratio Lower Upper
63 100
65 33.1 23.4 43.4
83 13.2 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 25.047 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029198.D
Acq: 18 Jun 2024 23:13

Tgt Ion: 96 Resp: 86733
Ion Ratio Lower Upper
96 100
61 144.0 97.8 181.6
98 64.8 43.0 79.8





#22

2-Butanone

Concen: 45.822 ug/L

RT: 7.167 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

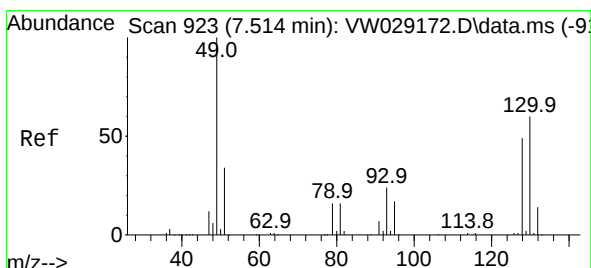
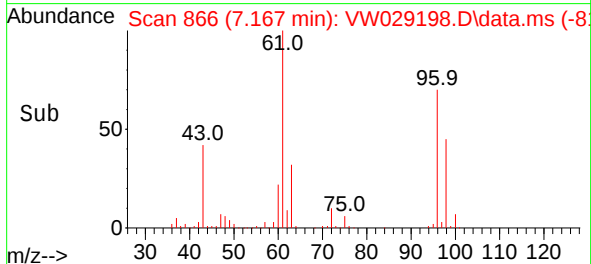
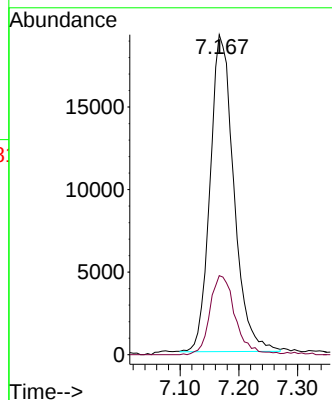
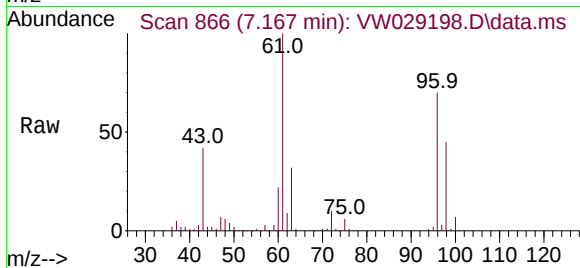
ClientSampleId :

Tgt Ion: 43 Resp: 53943

Ion Ratio Lower Upper

43 100

72 26.4 11.9 35.7



#23

Bromochloromethane

Concen: 24.054 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Tgt Ion: 128 Resp: 37079

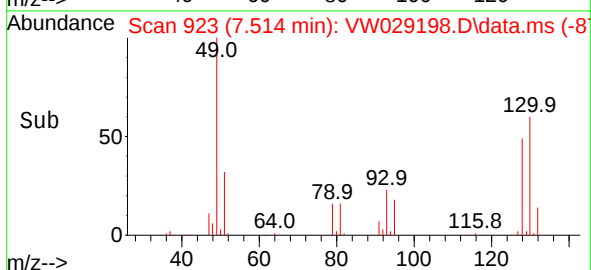
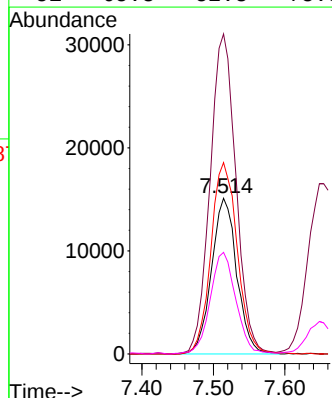
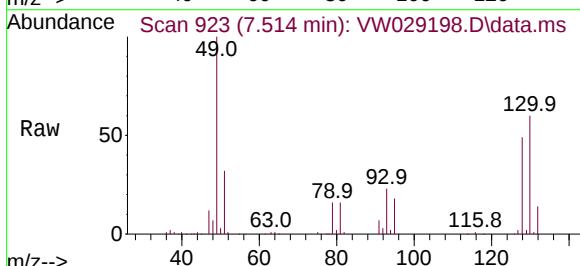
Ion Ratio Lower Upper

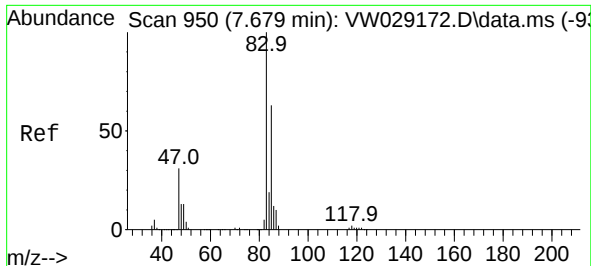
128 100

49 205.5 142.6 264.8

130 122.9 79.7 148.1

51 65.3 52.3 78.5





#25

Chloroform

Concen: 24.191 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

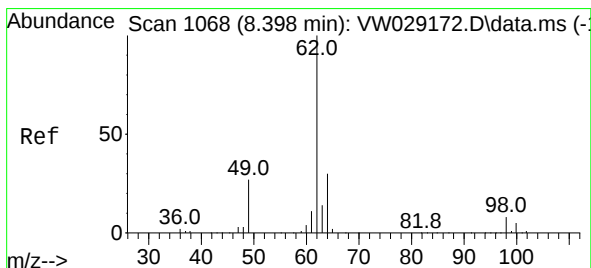
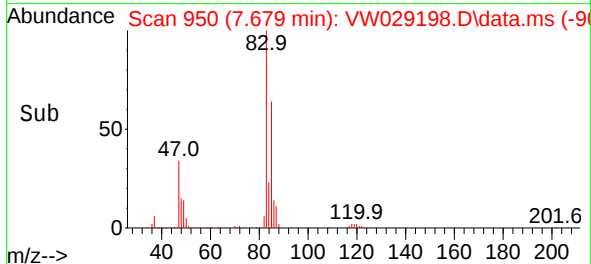
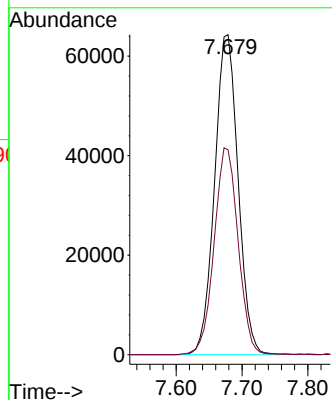
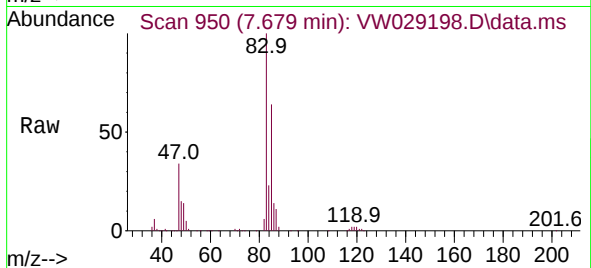
ClientSampleId :

Tgt Ion: 83 Resp: 160207

Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.088 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029198.D

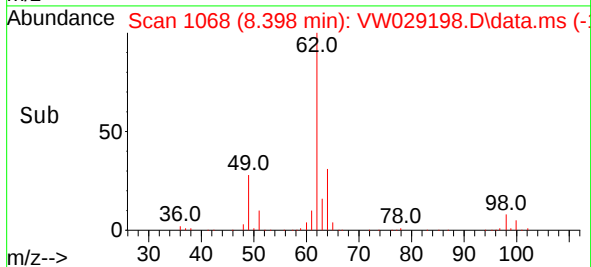
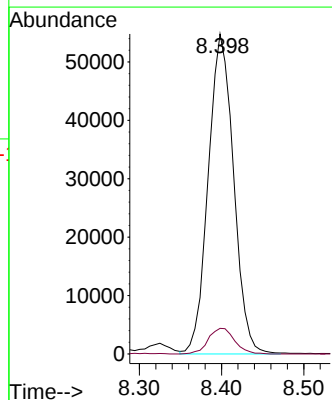
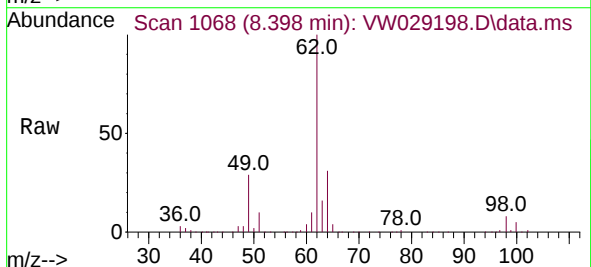
Acq: 18 Jun 2024 23:13

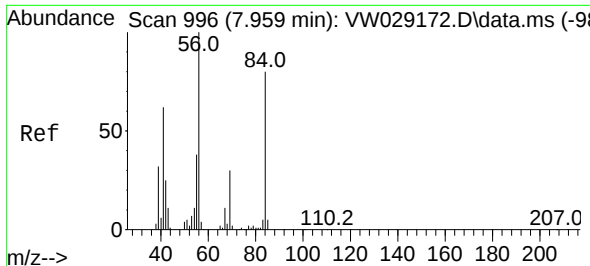
Tgt Ion: 62 Resp: 117654

Ion Ratio Lower Upper

62 100

98 8.0 6.6 10.0





#29

Cyclohexane

Concen: 22.794 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

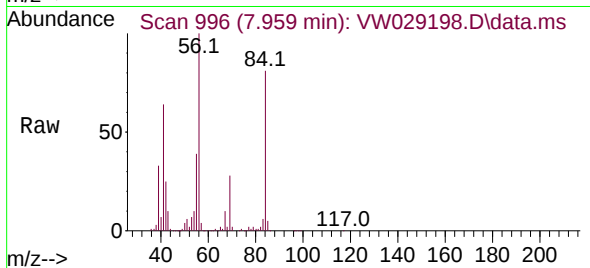
Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :



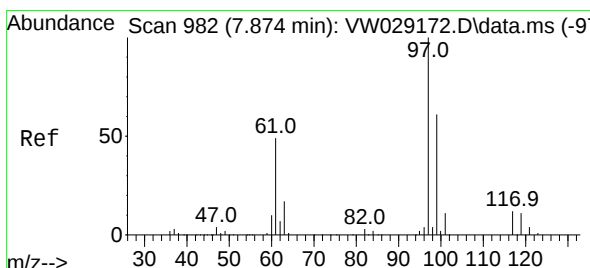
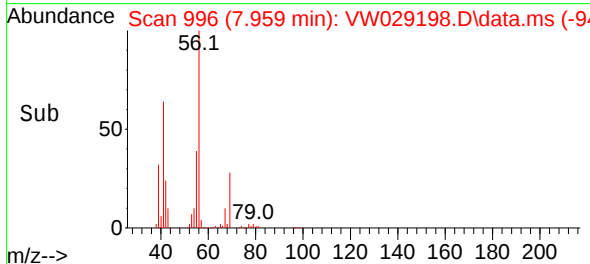
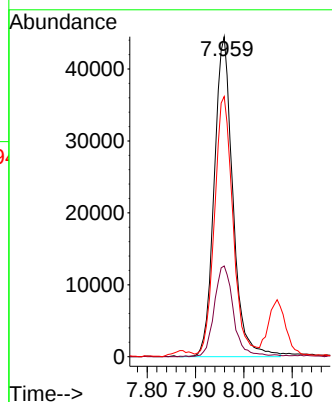
Tgt Ion: 56 Resp: 119341

Ion Ratio Lower Upper

56 100

69 29.0 23.4 35.0

84 80.6 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 23.555 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

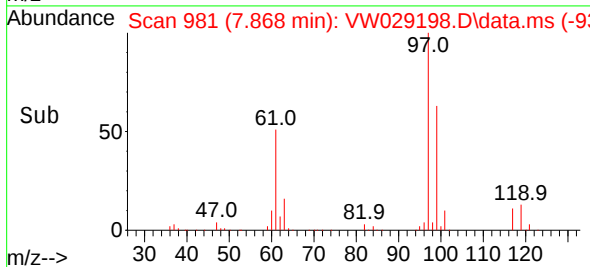
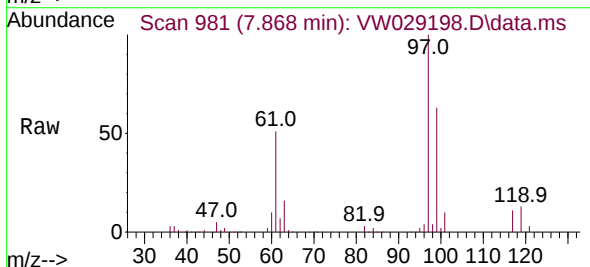
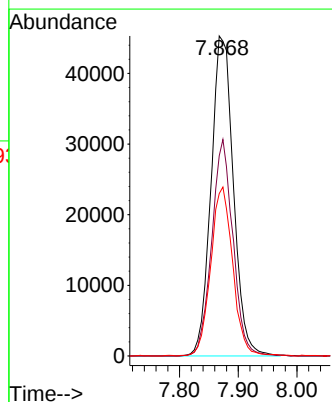
Tgt Ion: 97 Resp: 119958

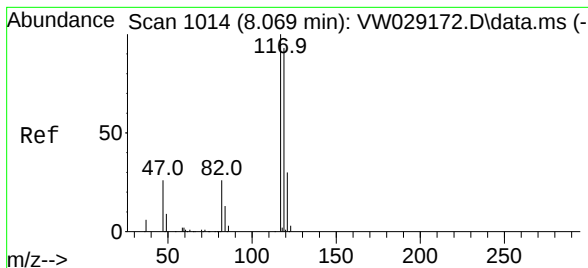
Ion Ratio Lower Upper

97 100

99 64.0 53.0 79.4

61 51.3 43.0 64.4





#31

Carbon tetrachloride

Concen: 22.799 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

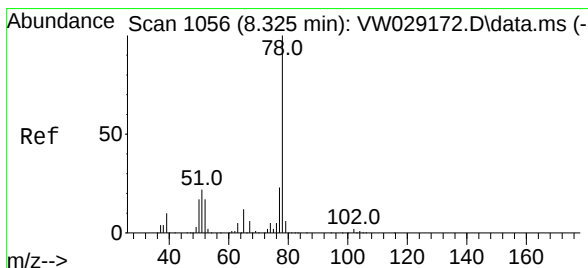
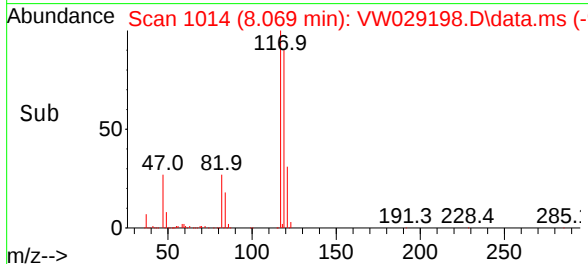
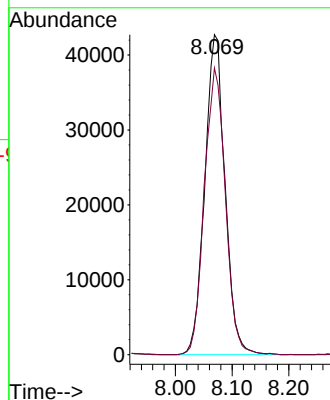
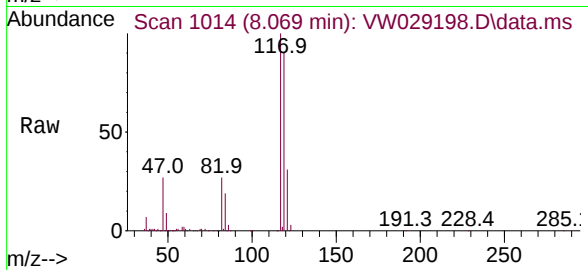
ClientSampleId :

Tgt Ion:117 Resp: 106065

Ion Ratio Lower Upper

117 100

119 93.0 79.0 118.4



#33

Benzene

Concen: 24.798 ug/L

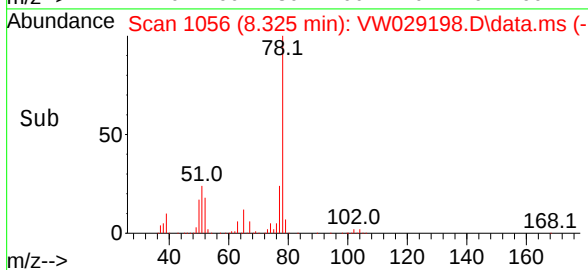
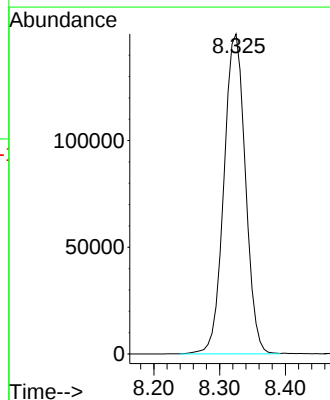
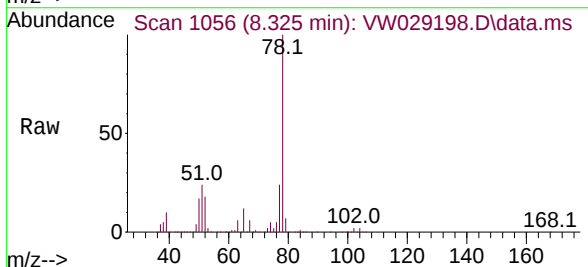
RT: 8.325 min Scan# 1056

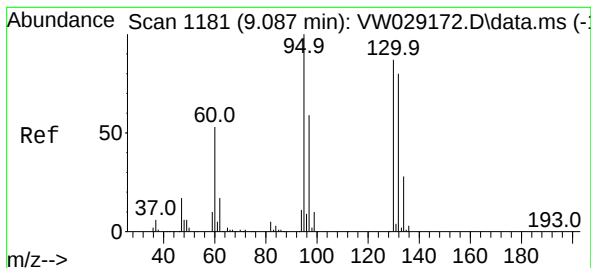
Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Tgt Ion: 78 Resp: 341232





#34

Trichloroethene

Concen: 23.590 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

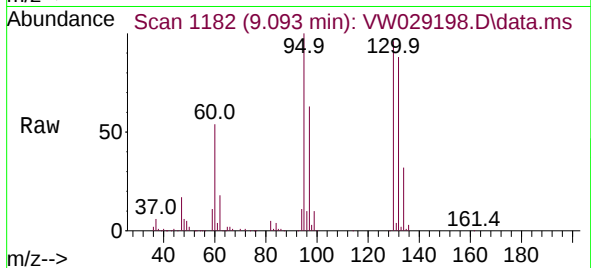
Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 86602

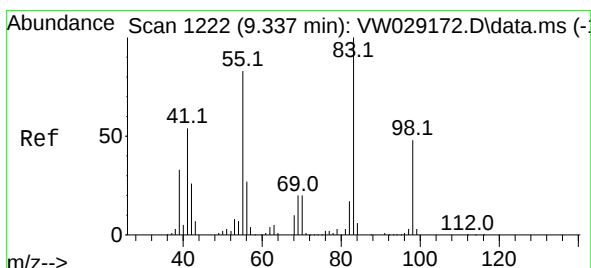
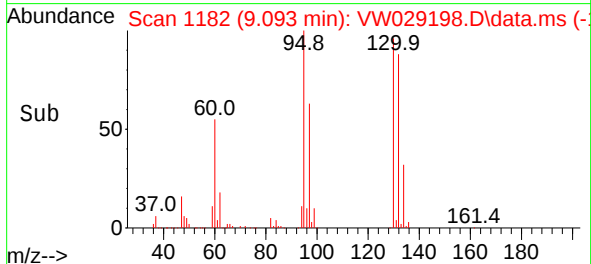
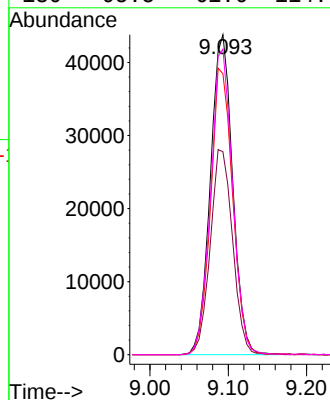
Ion Ratio Lower Upper

95 100

97 63.4 45.7 84.9

132 87.8 66.4 123.4

130 95.5 61.6 114.4



#35

Methylcyclohexane

Concen: 22.110 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

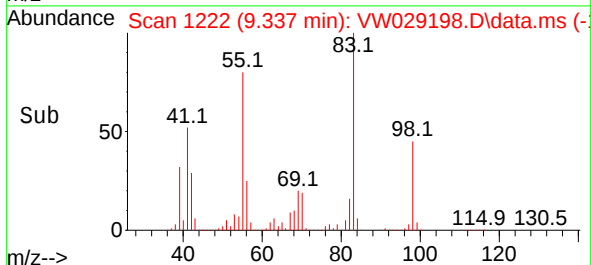
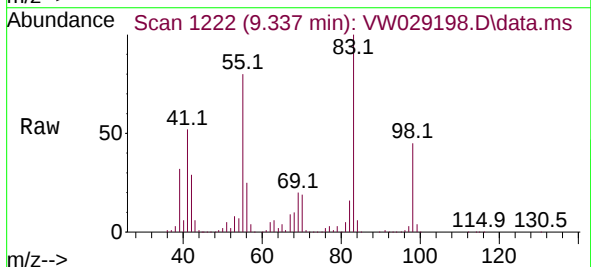
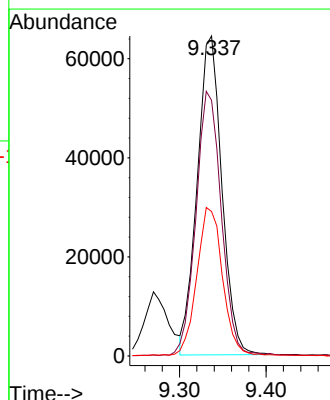
Tgt Ion: 83 Resp: 127657

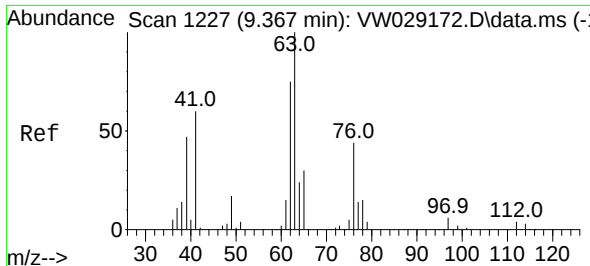
Ion Ratio Lower Upper

83 100

55 84.5 69.5 104.3

98 48.1 38.0 57.0





#37

1,2-Dichloropropane

Concen: 24.734 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

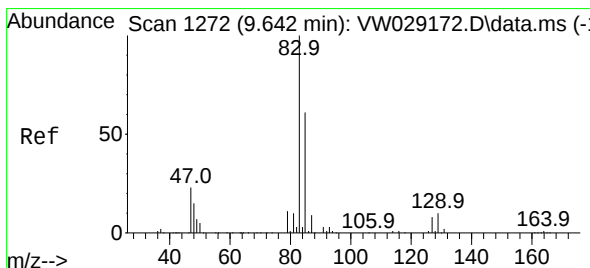
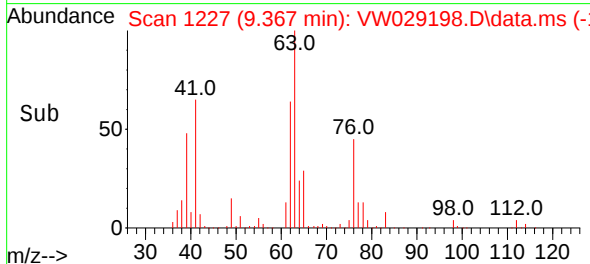
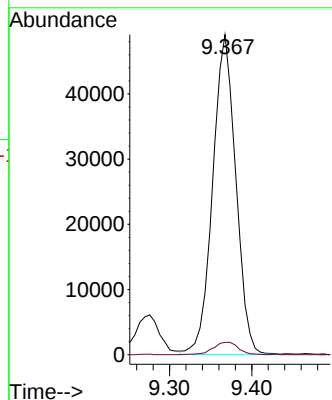
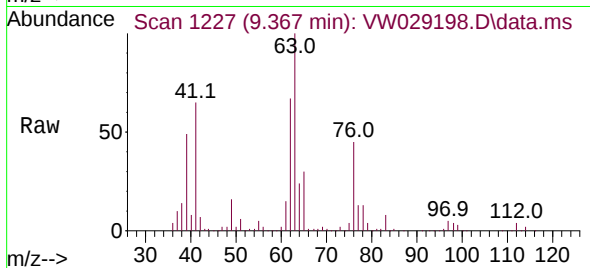
ClientSampleId :

Tgt Ion: 63 Resp: 95637

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 24.620 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

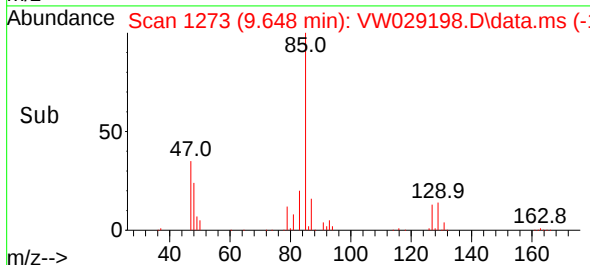
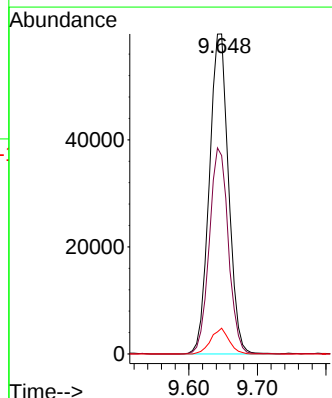
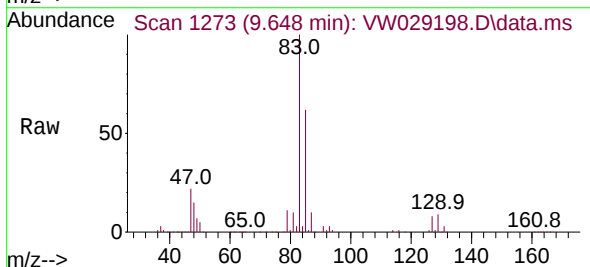
Tgt Ion: 83 Resp: 116394

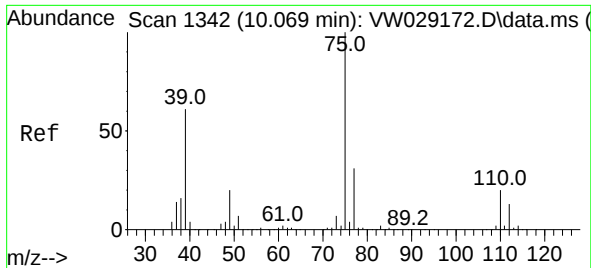
Ion Ratio Lower Upper

83 100

85 62.0 45.1 83.9

127 8.1 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 24.941 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

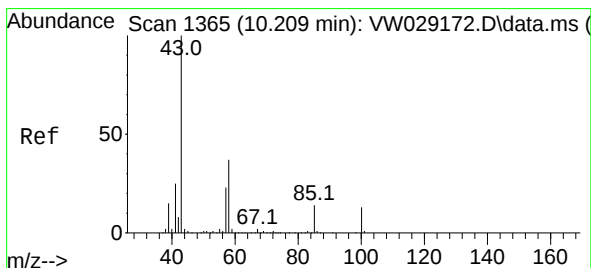
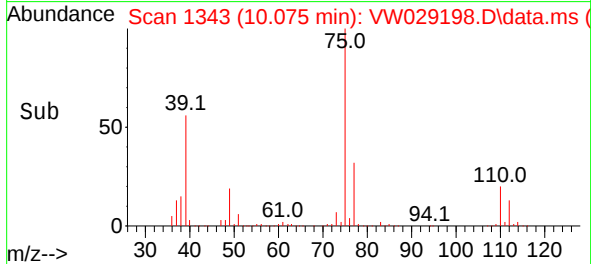
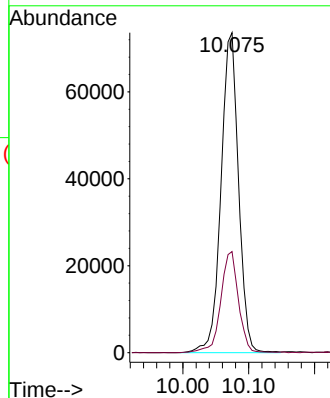
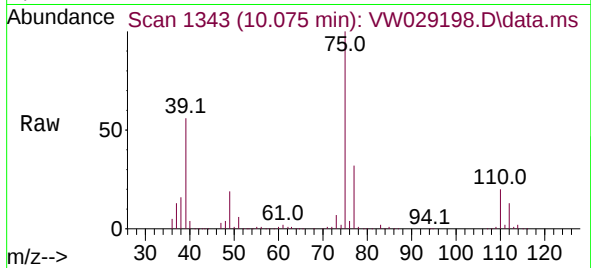
ClientSampleId :

Tgt Ion: 75 Resp: 136320

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 53.090 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

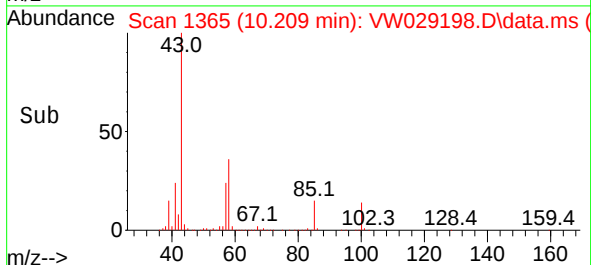
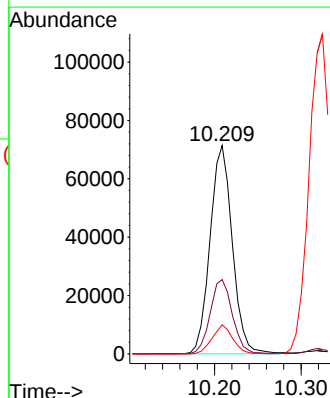
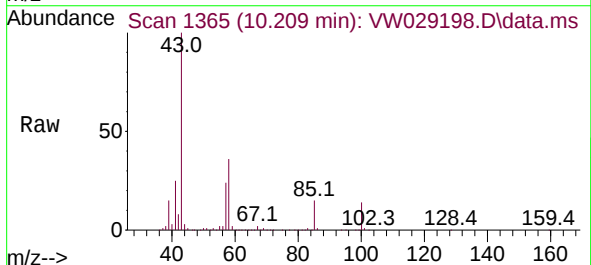
Tgt Ion: 43 Resp: 127235

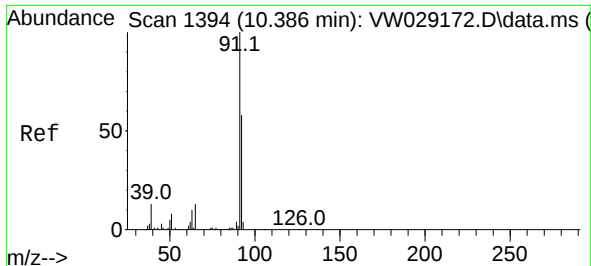
Ion Ratio Lower Upper

43 100

58 35.8 28.2 42.4

100 13.0 11.0 16.4





#42

Toluene

Concen: 25.148 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

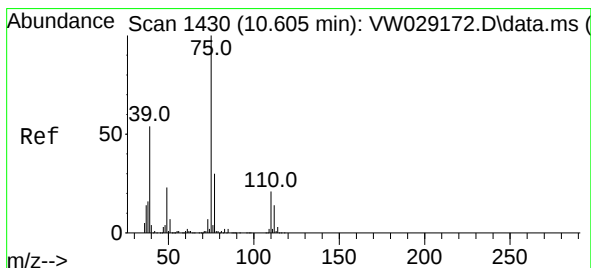
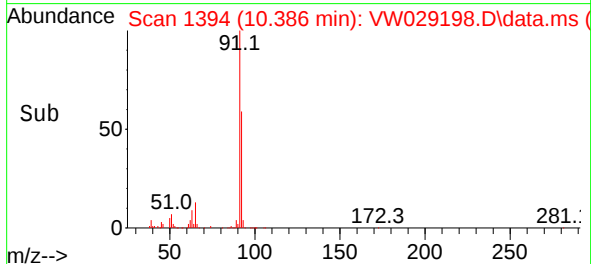
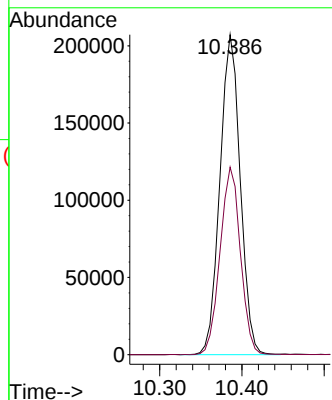
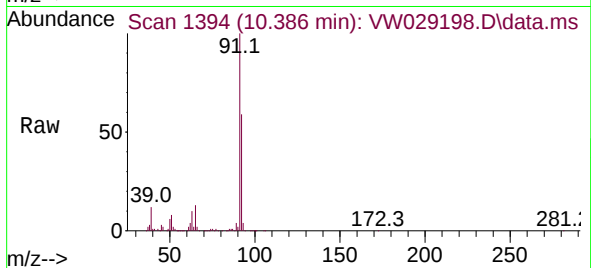
ClientSampleId :

Tgt Ion: 91 Resp: 355751

Ion Ratio Lower Upper

91 100

92 58.6 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 24.934 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029198.D

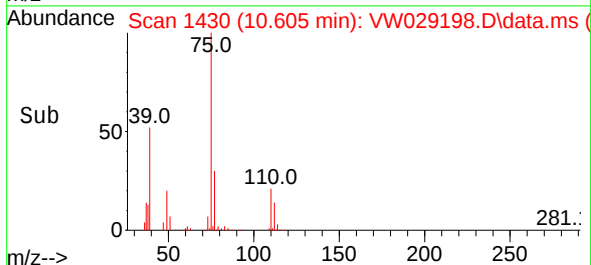
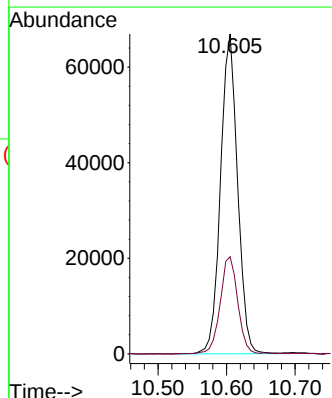
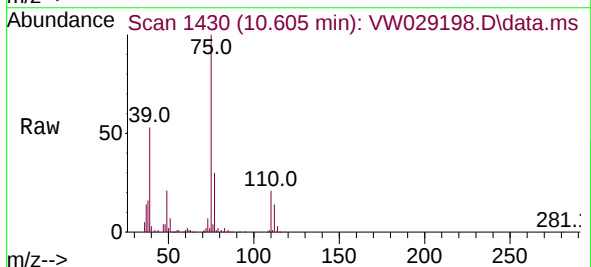
Acq: 18 Jun 2024 23:13

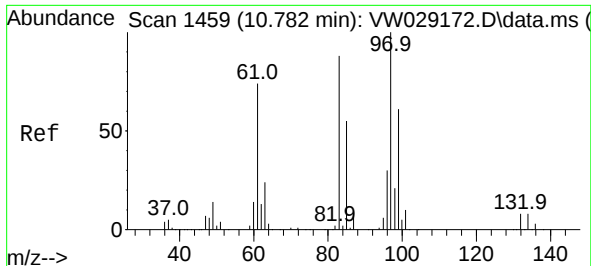
Tgt Ion: 75 Resp: 115075

Ion Ratio Lower Upper

75 100

77 30.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.663 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 66416

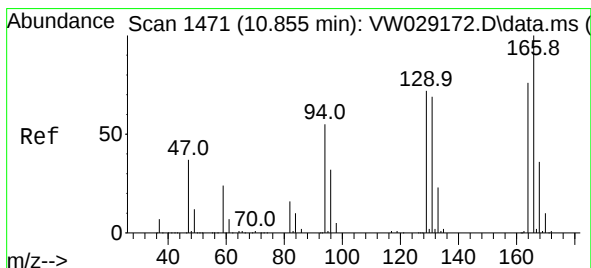
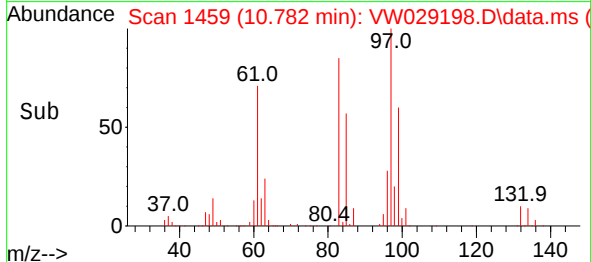
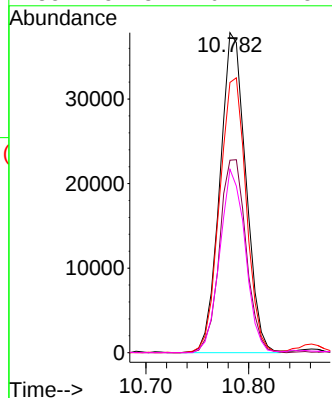
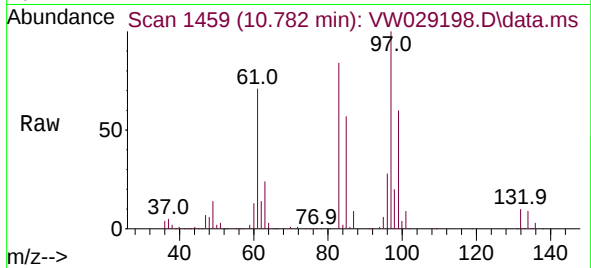
Ion Ratio Lower Upper

97 100

99 60.2 42.3 78.5

83 84.4 57.7 107.1

85 57.3 40.7 75.5



#46

Tetrachloroethene

Concen: 23.038 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Tgt Ion:164 Resp: 59124

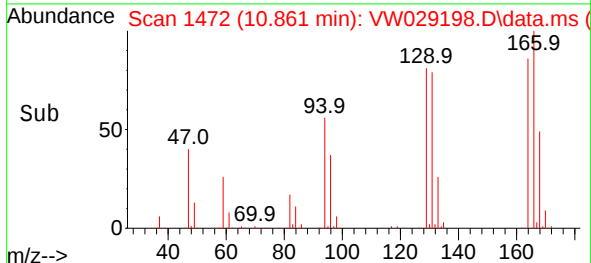
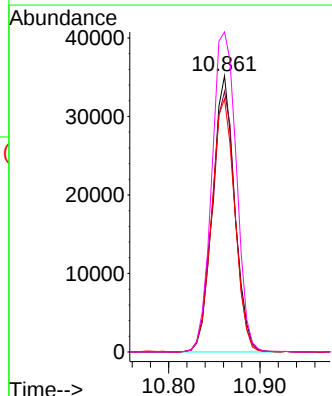
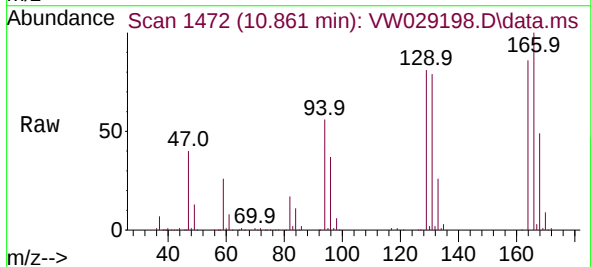
Ion Ratio Lower Upper

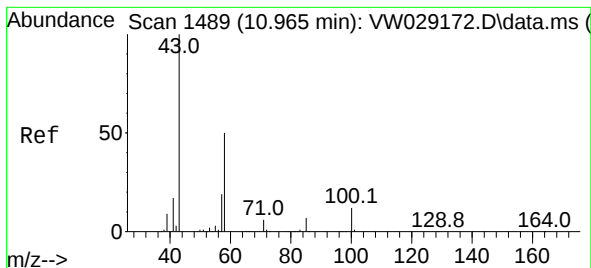
164 100

129 94.4 68.5 127.3

131 91.7 71.8 133.4

166 115.9 97.2 180.4





#48

2-Hexanone

Concen: 51.422 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

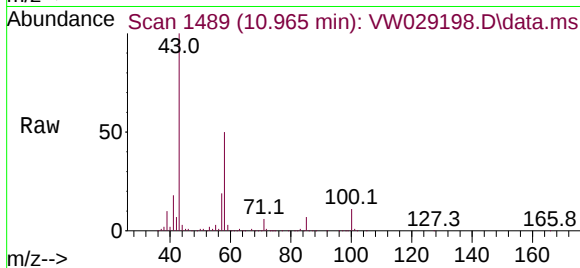
Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 87445

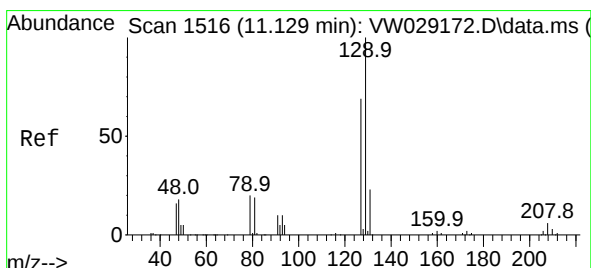
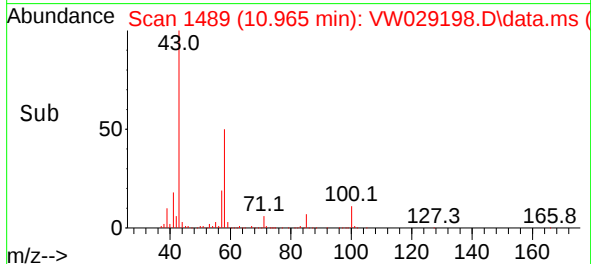
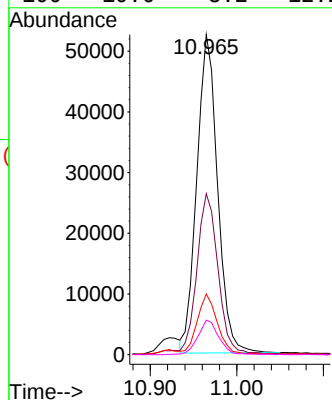
Ion Ratio Lower Upper

43 100

58 51.1 39.6 59.4

57 17.8 14.6 21.8

100 10.6 8.2 12.2



#49

Dibromochloromethane

Concen: 24.486 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029198.D

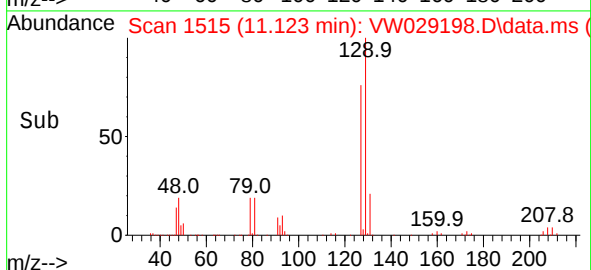
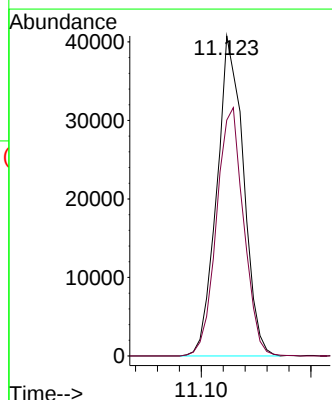
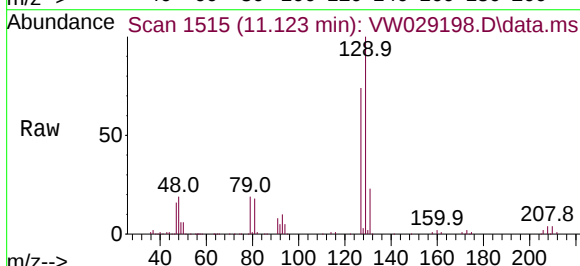
Acq: 18 Jun 2024 23:13

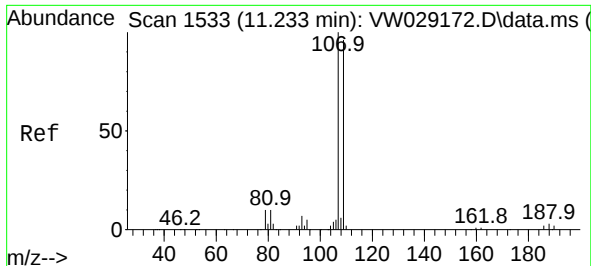
Tgt Ion:129 Resp: 68930

Ion Ratio Lower Upper

129 100

127 73.7 54.8 101.8





#50

1,2-Dibromoethane

Concen: 24.629 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029198.D

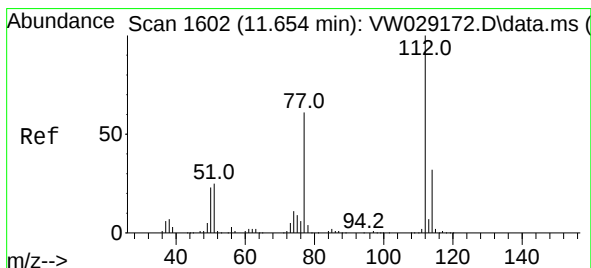
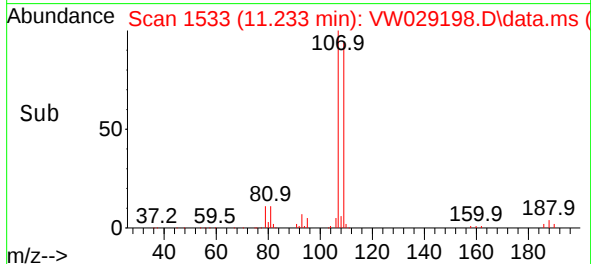
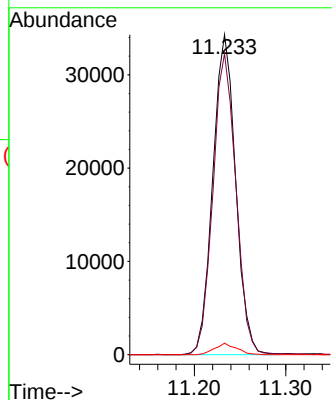
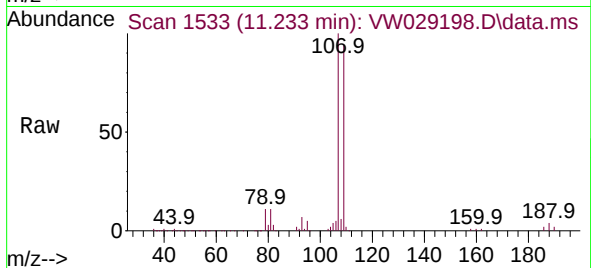
Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	59537
Ion Ratio	Lower	Upper
107	100	
109	94.1	65.5 121.6
188	3.6	2.6 4.0



#51

Chlorobenzene

Concen: 24.890 ug/L

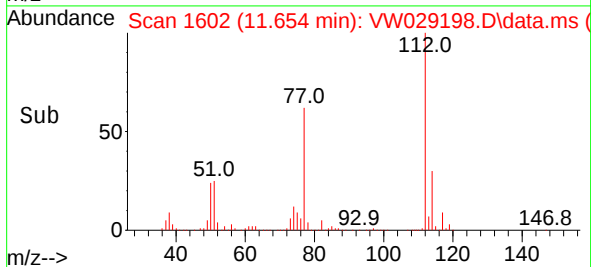
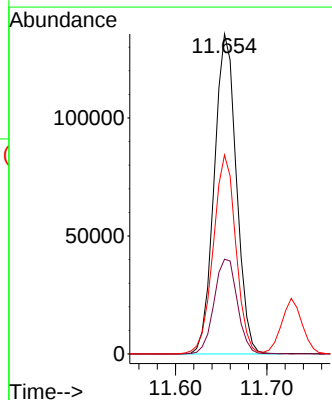
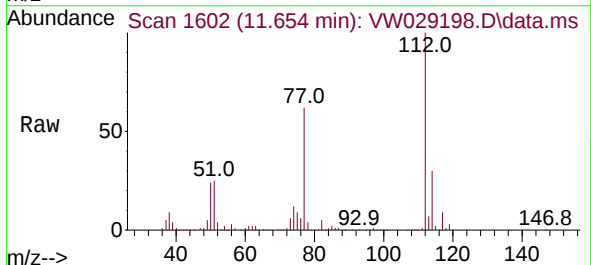
RT: 11.654 min Scan# 1602

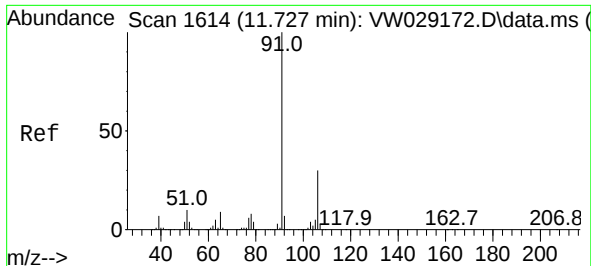
Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Tgt Ion:112	Resp:	228643
Ion Ratio	Lower	Upper
112	100	
114	29.6	22.6 42.0
77	62.2	51.0 76.6





#52

Ethylbenzene

Concen: 25.010 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

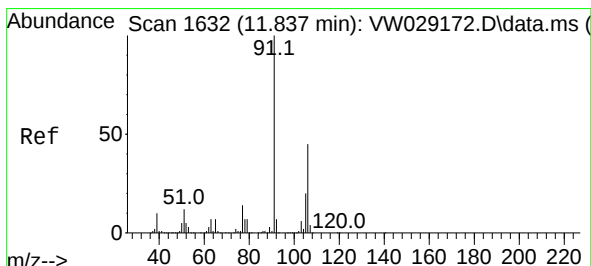
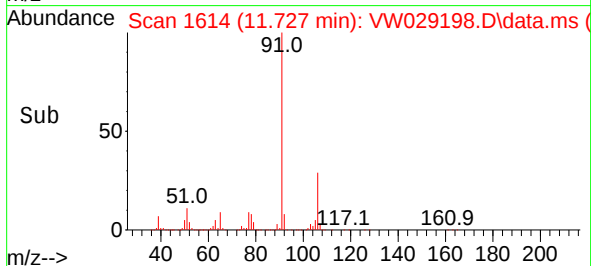
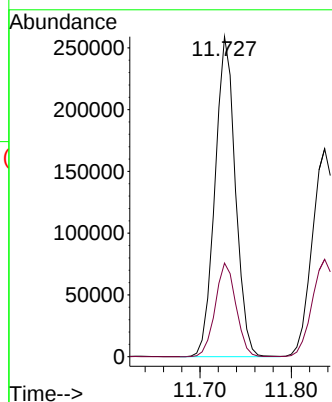
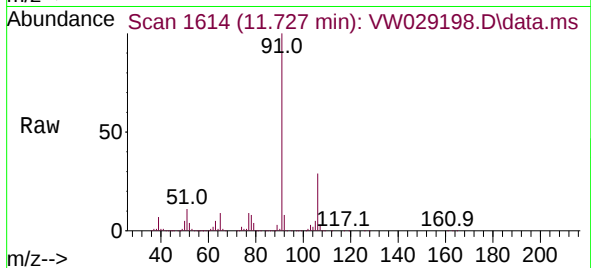
ClientSampleId :

Tgt Ion: 91 Resp: 401608

Ion Ratio Lower Upper

91 100

106 29.2 19.9 37.0



#53

m,p-Xylene

Concen: 25.095 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029198.D

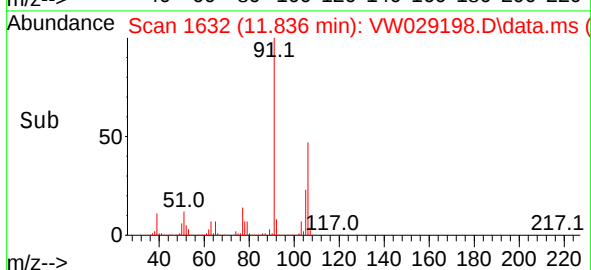
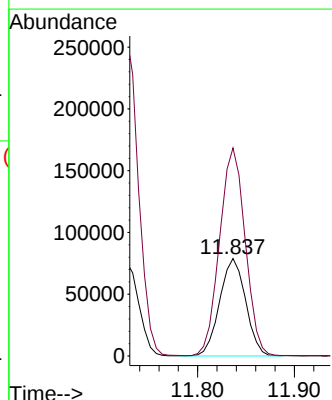
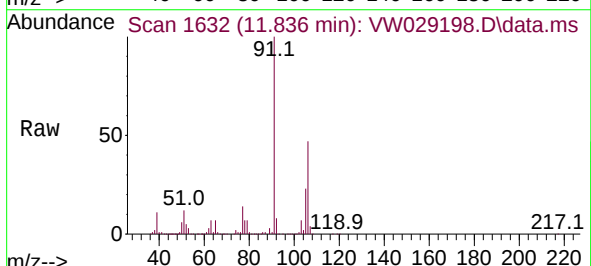
Acq: 18 Jun 2024 23:13

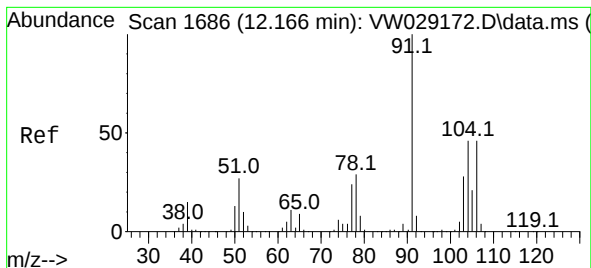
Tgt Ion:106 Resp: 147189

Ion Ratio Lower Upper

106 100

91 213.5 140.5 260.9





#54

o-Xylene

Concen: 25.638 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

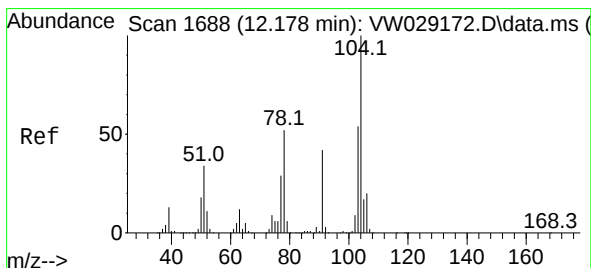
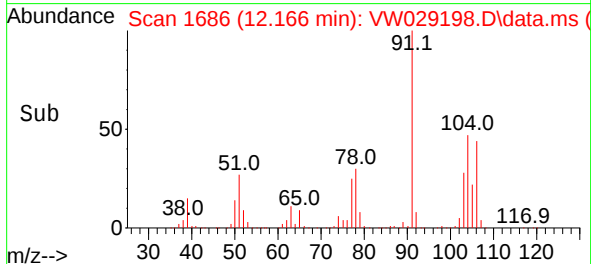
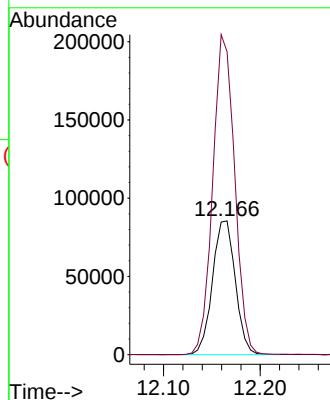
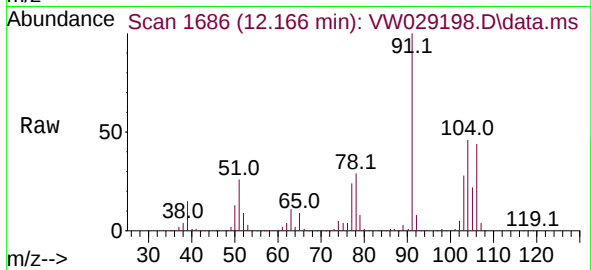
ClientSampleId :

Tgt Ion:106 Resp: 140542

Ion Ratio Lower Upper

106 100

91 226.4 149.9 278.5



#55

Styrene

Concen: 26.391 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029198.D

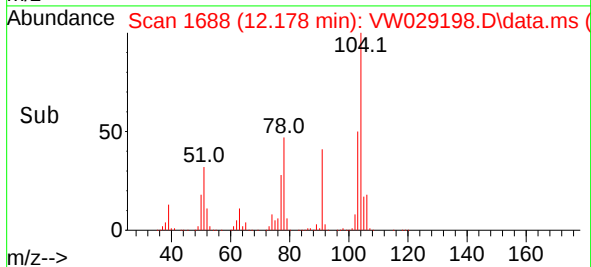
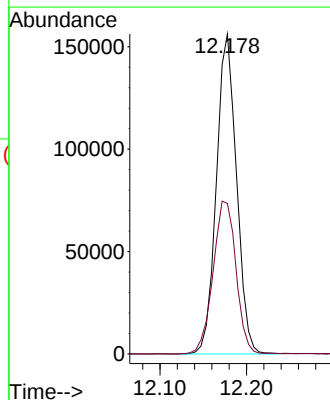
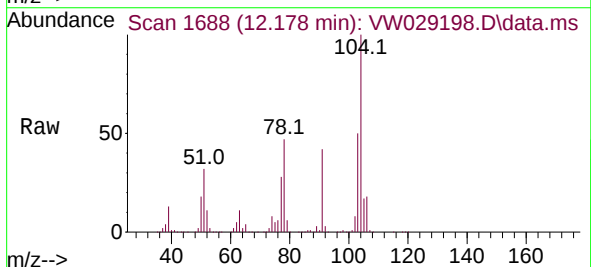
Acq: 18 Jun 2024 23:13

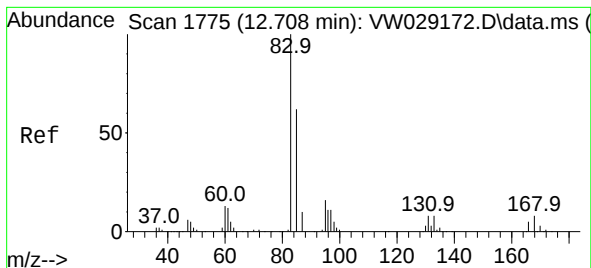
Tgt Ion:104 Resp: 252236

Ion Ratio Lower Upper

104 100

78 47.0 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.871 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :

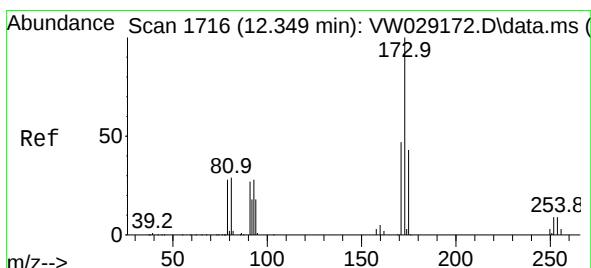
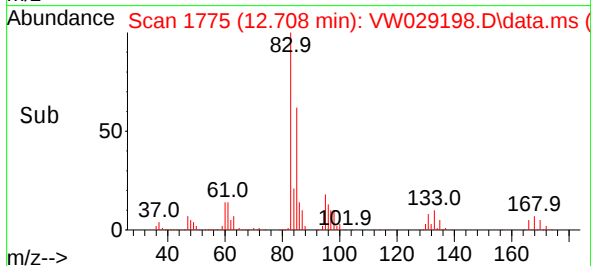
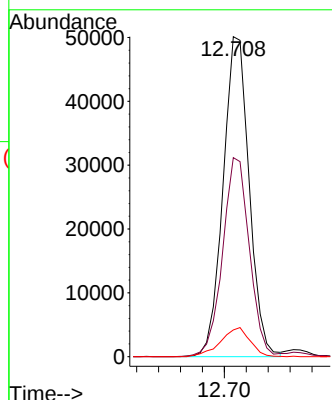
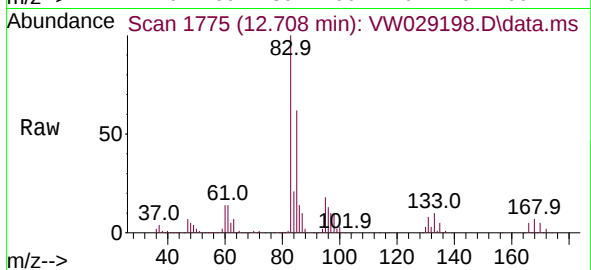
Tgt Ion: 83 Resp: 82848

Ion Ratio Lower Upper

83 100

85 62.2 45.8 85.0

131 8.4 7.8 11.6



#59

Bromoform

Concen: 26.294 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

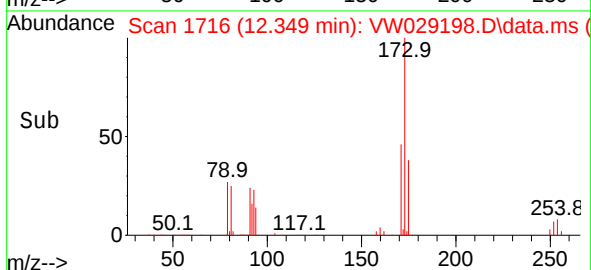
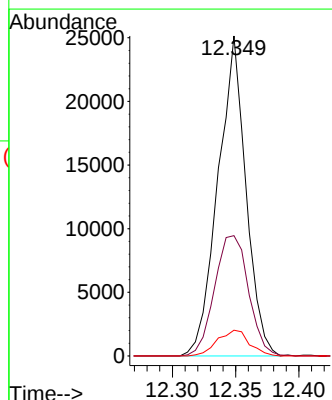
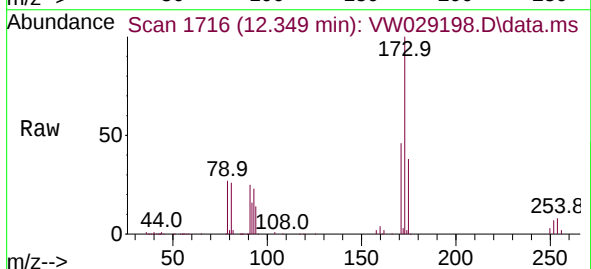
Tgt Ion:173 Resp: 38625

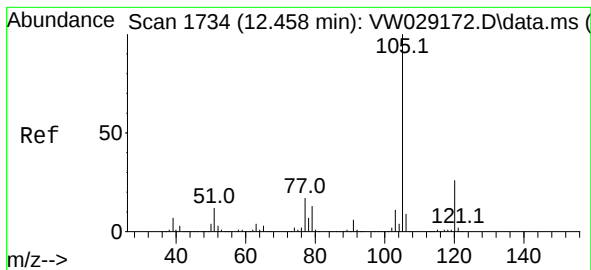
Ion Ratio Lower Upper

173 100

175 45.6 37.8 56.8

254 9.2 7.8 11.6

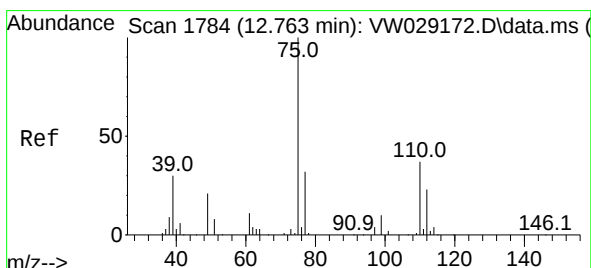
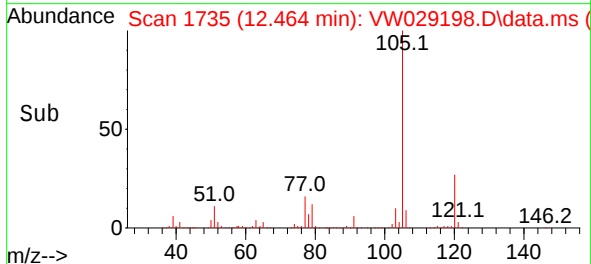
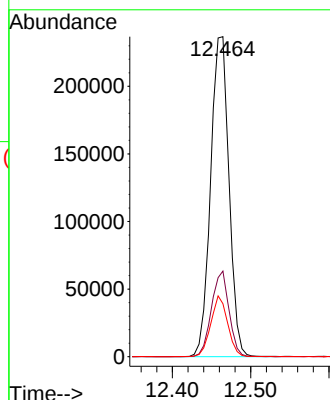
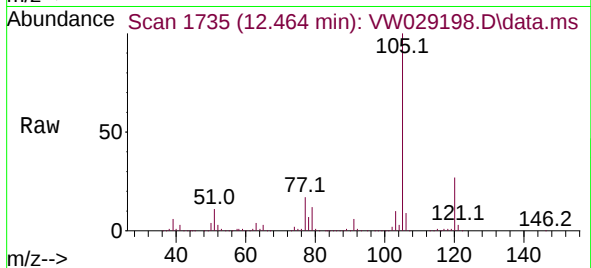




#60
Isopropylbenzene
Concen: 27.010 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW029198.D
Acq: 18 Jun 2024 23:13

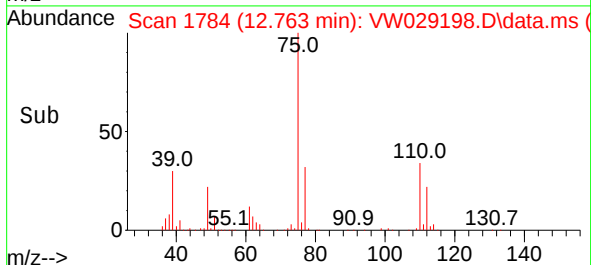
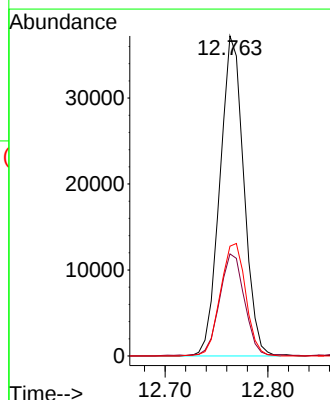
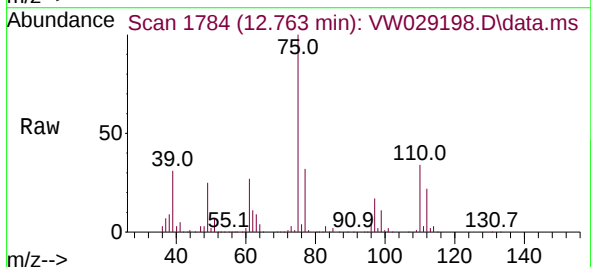
Instrument :
MSVOA_W
ClientSampleId :

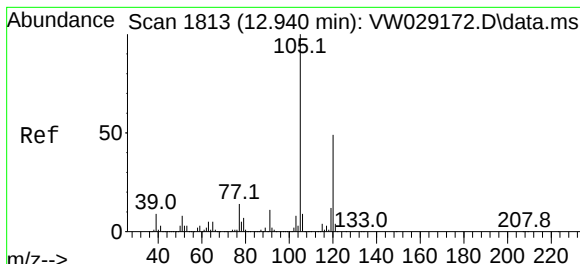
Tgt Ion:105 Resp: 385735
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 17.3 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 25.770 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029198.D
Acq: 18 Jun 2024 23:13

Tgt Ion: 75 Resp: 60244
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8
110 37.1 29.5 44.3



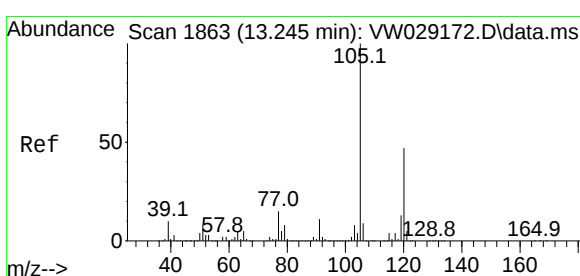
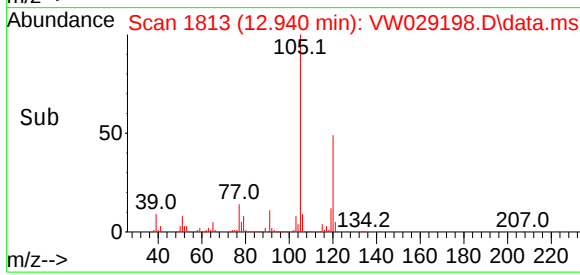
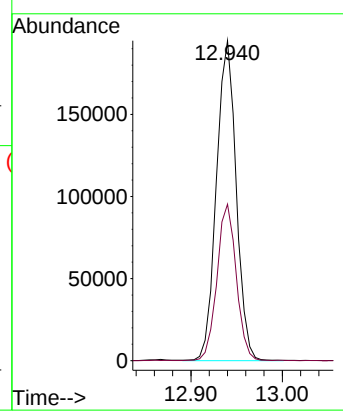
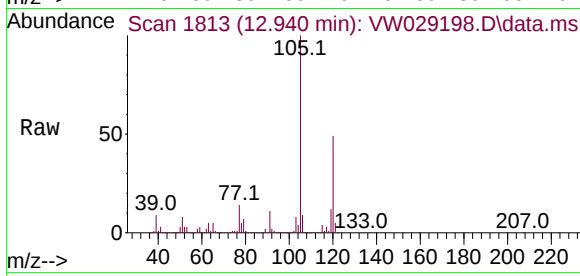


#62
 1,3,5-Trimethylbenzene
 Concen: 28.305 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW029198.D
 Acq: 18 Jun 2024 23:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 292749

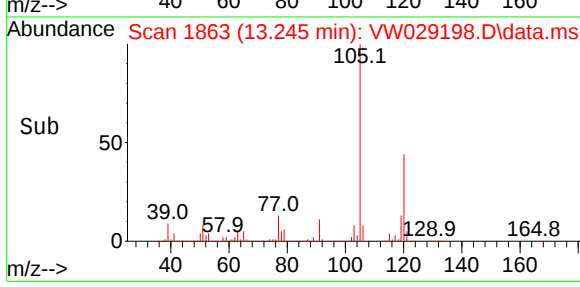
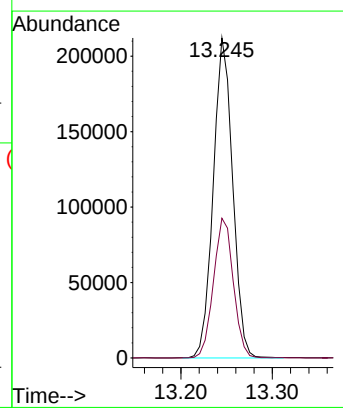
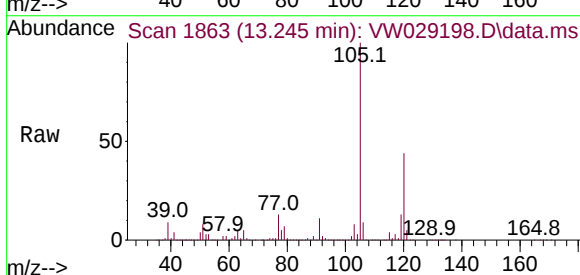
Ion	Ratio	Lower	Upper
105	100		
120	47.7	36.4	54.6

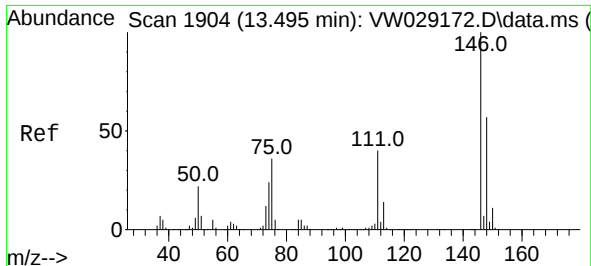


#63
 1,2,4-Trimethylbenzene
 Concen: 28.107 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW029198.D
 Acq: 18 Jun 2024 23:13

Tgt Ion:105 Resp: 312781

Ion	Ratio	Lower	Upper
105	100		
120	44.5	34.9	52.3





#64

1,3-Dichlorobenzene

Concen: 26.495 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :

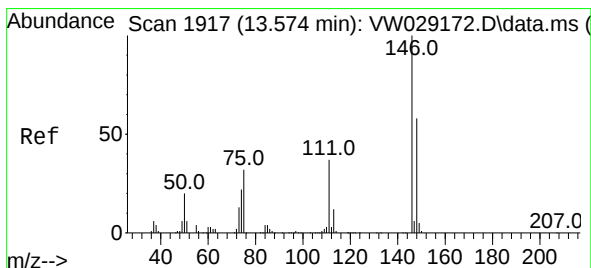
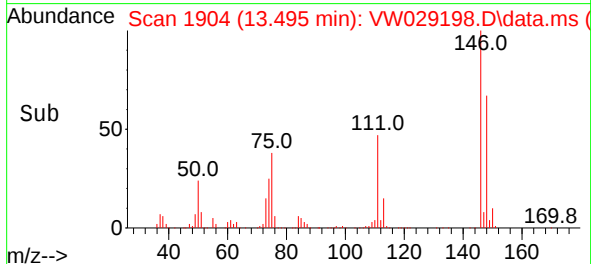
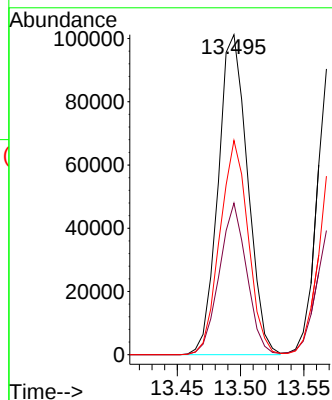
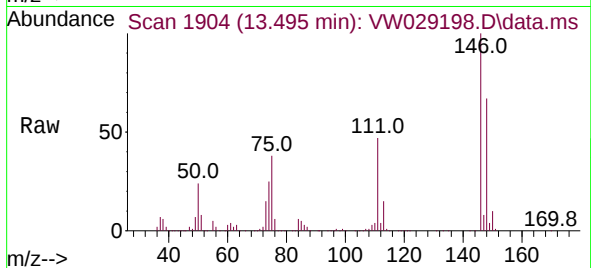
Tgt Ion:146 Resp: 163741

Ion Ratio Lower Upper

146 100

111 47.4 33.0 61.2

148 66.9 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 26.274 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

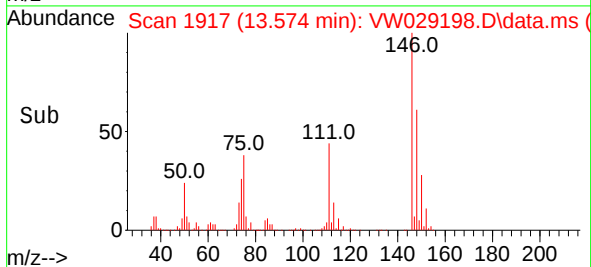
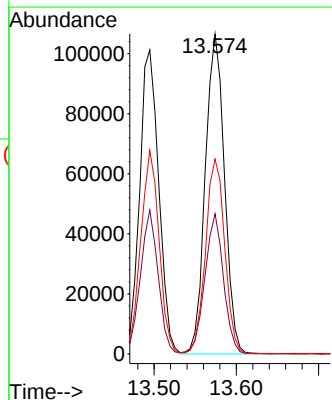
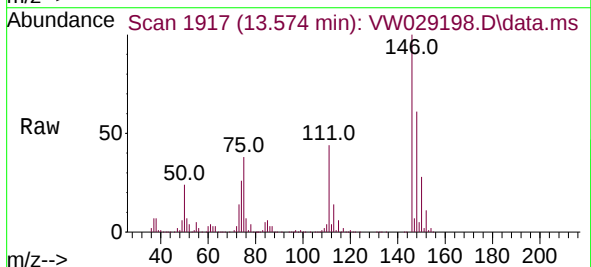
Tgt Ion:146 Resp: 172767

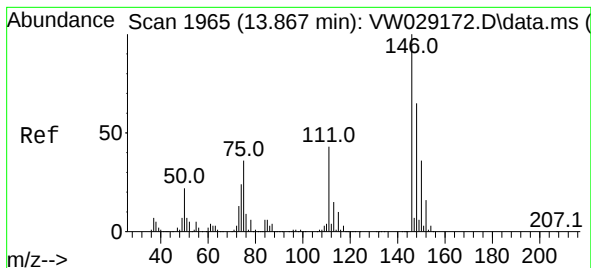
Ion Ratio Lower Upper

146 100

111 43.8 28.9 53.7

148 60.9 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 27.423 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :

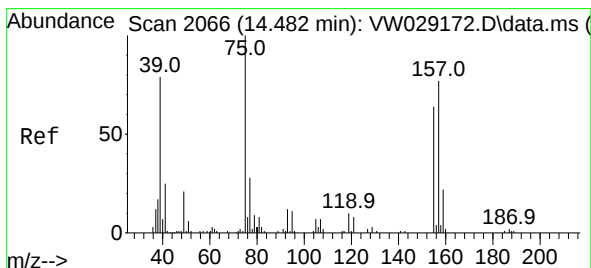
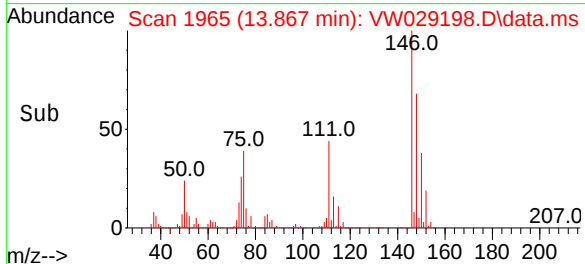
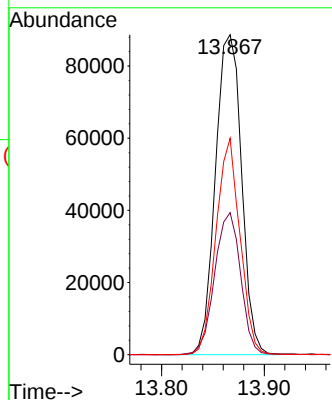
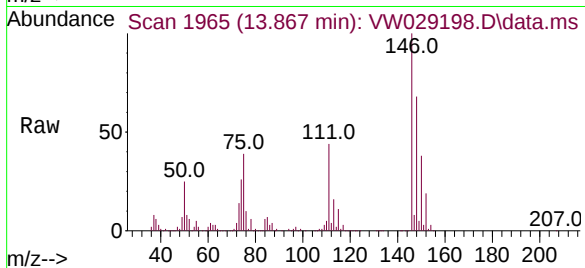
Tgt Ion:146 Resp: 156678

Ion Ratio Lower Upper

146 100

111 44.4 34.2 51.4

148 67.6 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 24.004 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

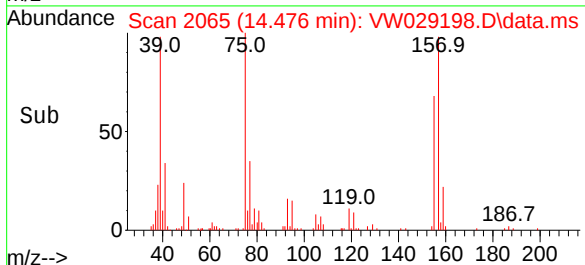
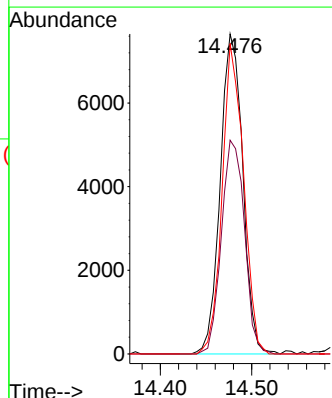
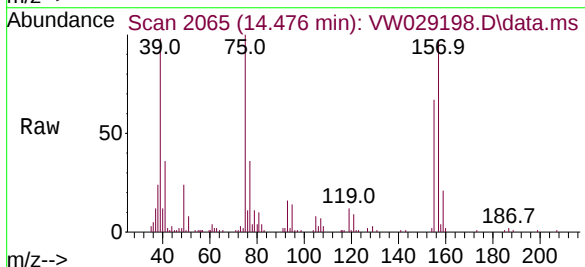
Tgt Ion: 75 Resp: 13095

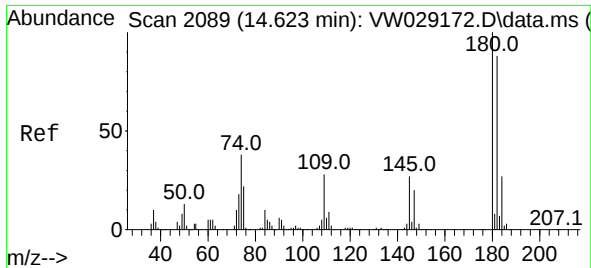
Ion Ratio Lower Upper

75 100

155 66.8 51.0 76.6

157 97.0 58.8 88.2#





#69

1,3,5-Trichlorobenzene

Concen: 26.069 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

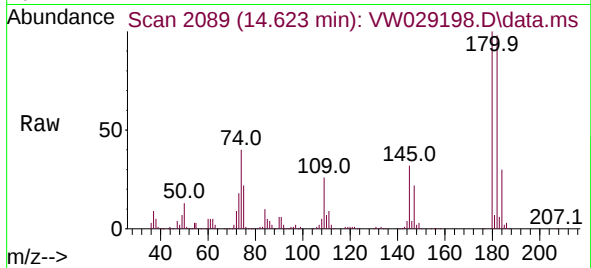
Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 108732

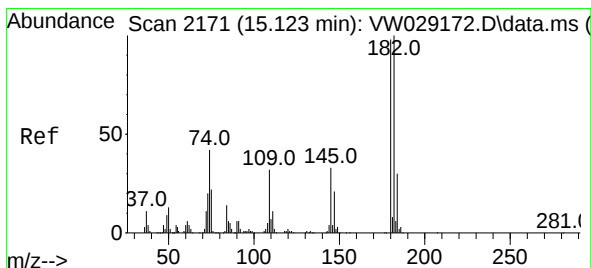
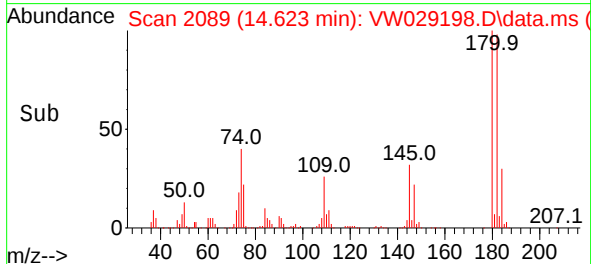
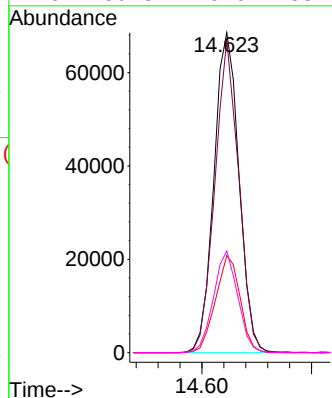
Ion Ratio Lower Upper

180 100

182 93.1 72.9 109.3

184 29.8 23.8 35.6

145 30.8 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 28.014 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029198.D

Acq: 18 Jun 2024 23:13

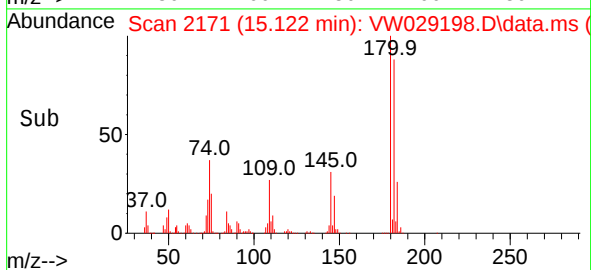
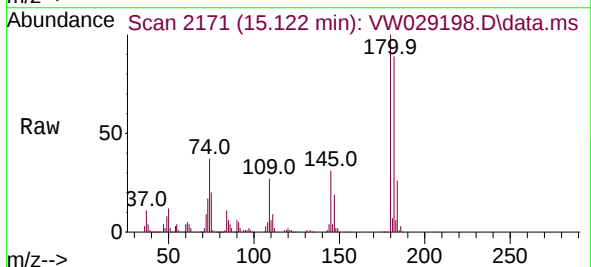
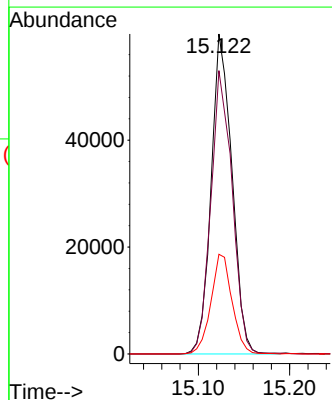
Tgt Ion:180 Resp: 94720

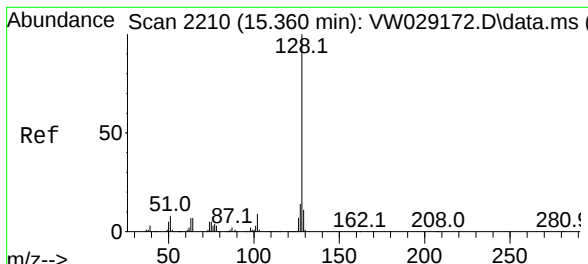
Ion Ratio Lower Upper

180 100

182 90.6 77.7 116.5

145 31.6 25.7 38.5



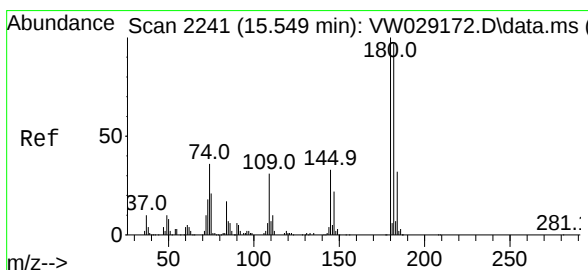
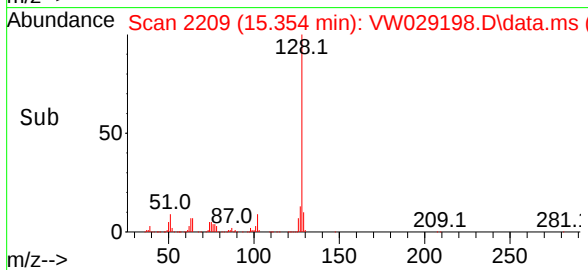
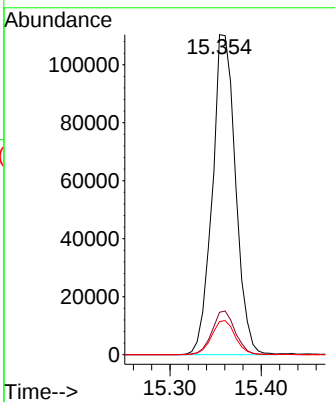
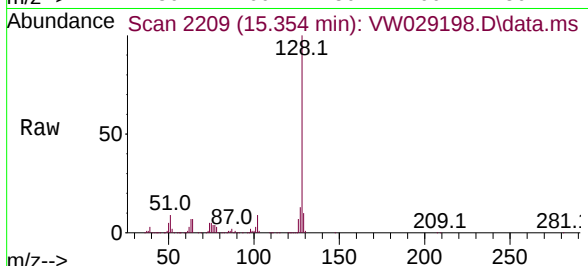


#71
Naphthalene
Concen: 29.295 ug/L
RT: 15.354 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VW029198.D
Acq: 18 Jun 2024 23:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 195491

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	10.8	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 28.656 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029198.D
Acq: 18 Jun 2024 23:13

Tgt Ion:180 Resp: 88282

Ion	Ratio	Lower	Upper
180	100		
182	89.9	73.0	109.6
145	31.5	28.1	42.1

