

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029172.D
 Acq On : 18 Jun 2024 12:19
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 01:39:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 01:31:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	248611	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231914	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112188	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	79982	23.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
7) Chloroethane-d5	2.893	69	66562	22.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.640%
11) 1,1-Dichloroethene-d2	4.027	65	35700	21.487	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.960%
21) 2-Butanone-d5	7.081	46	52506	51.001	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
24) Chloroform-d	7.648	84	172374	23.243	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.960%
26) 1,2-Dichloroethane-d4	8.307	65	101341	23.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.276	84	335632	23.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.320%
36) 1,2-Dichloropropane-d6	9.276	67	108440	24.217	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.880%
41) Toluene-d8	10.325	98	303842	24.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.575	79	44140	24.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.840%
47) 2-Hexanone-d5	10.922	63	35822	51.032	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85169	23.898	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	96549	24.793	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45287	18.671	ug/L	93
3) Chloromethane	2.222	50	74979	21.680	ug/L	98
5) Vinyl chloride	2.375	62	82295	20.721	ug/L	99
6) Bromomethane	2.789	94	52108	21.829	ug/L	97
8) Chloroethane	2.936	64	54200	22.312	ug/L	99
9) Trichlorofluoromethane	3.265	101	64025	20.793	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	66267	19.519	ug/L	96
12) 1,1-Dichloroethene	4.045	96	65499	22.737	ug/L	95
13) Acetone	4.125	43	41788	47.763	ug/L	100
14) Carbon disulfide	4.399	76	199334	21.197	ug/L	98
15) Methyl Acetate	4.667	43	42406	24.415	ug/L	99
16) Methylene chloride	4.917	84	86396	19.763	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	73409	22.947	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	125578	24.535	ug/L	99
19) 1,1-Dichloroethane	6.216	63	159741	23.120	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	83401	23.641	ug/L	93
22) 2-Butanone	7.173	43	59145	49.315	ug/L	99
23) Bromochloromethane	7.514	128	35938	22.884	ug/L	97
25) Chloroform	7.679	83	160269	23.754	ug/L	100

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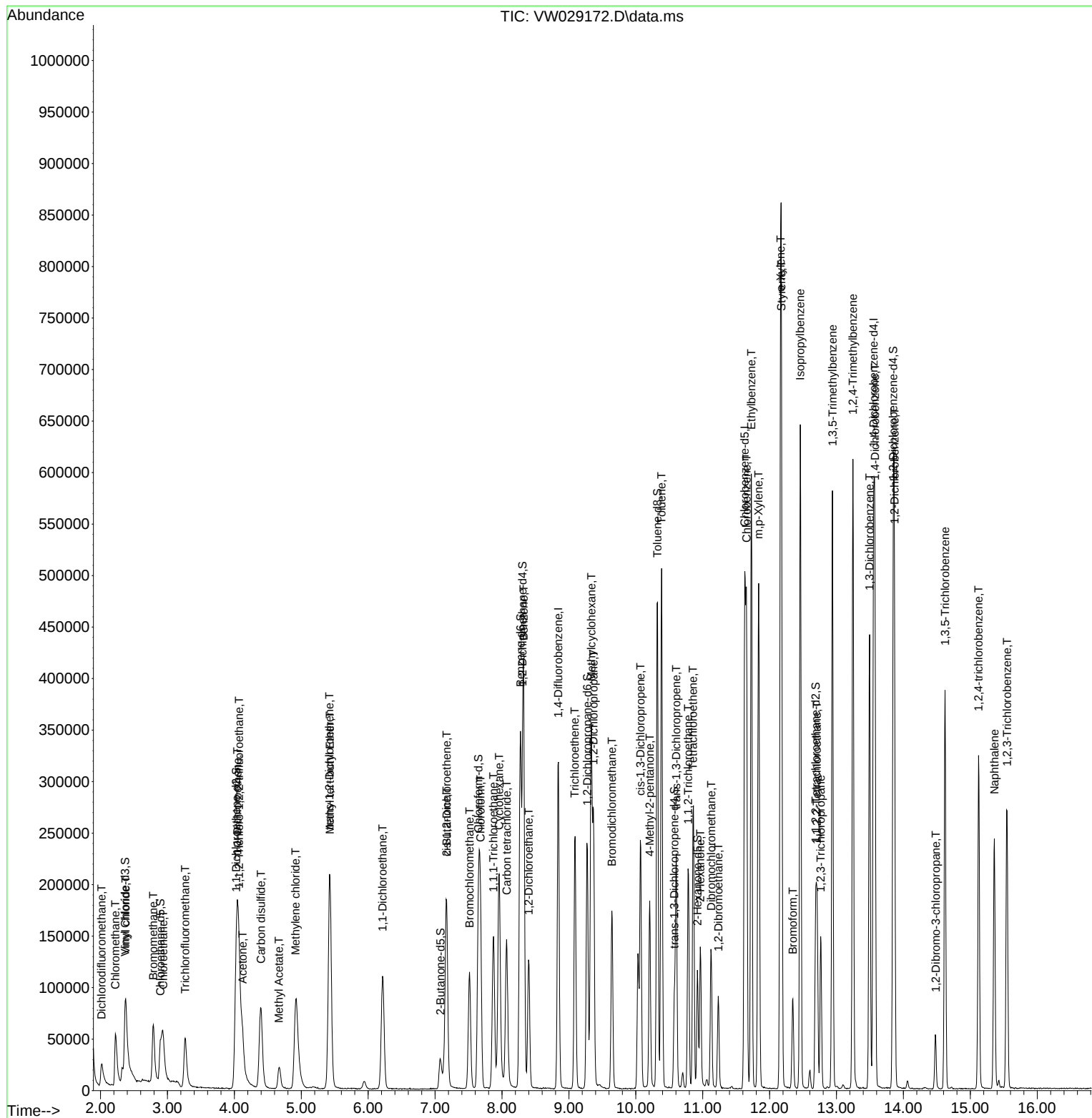
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27) 1,2-Dichloroethane	8.398	62	114408	22.992	ug/L	100
29) Cyclohexane	7.959	56	121692	22.953	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	118354	22.950	ug/L	97
31) Carbon tetrachloride	8.069	117	107956	22.916	ug/L	95
33) Benzene	8.325	78	333915	23.963	ug/L	100
34) Trichloroethene	9.087	95	85526	23.005	ug/L	92
35) Methylcyclohexane	9.337	83	131242	22.447	ug/L	98
37) 1,2-Dichloropropane	9.367	63	92634	23.658	ug/L	98
38) Bromodichloromethane	9.642	83	112565	23.513	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	136046	24.579	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	123128	50.735	ug/L	99
42) Toluene	10.386	91	346792	24.208	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	116440	24.914	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	65296	23.944	ug/L	96
46) Tetrachloroethene	10.855	164	57252	22.030	ug/L	94
48) 2-Hexanone	10.965	43	86868	50.444	ug/L	98
49) Dibromochloromethane	11.129	129	68186	23.919	ug/L	89
50) 1,2-Dibromoethane	11.233	107	58393	23.854	ug/L	98
51) Chlorobenzene	11.654	112	221201	23.779	ug/L	98
52) Ethylbenzene	11.727	91	395914	24.347	ug/L	97
53) m,p-Xylene	11.837	106	144664	24.356	ug/L	85
54) o-Xylene	12.166	106	138652	24.977	ug/L	99
55) Styrene	12.178	104	243056	25.113	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	80484	23.859	ug/L	97
59) Bromoform	12.349	173	38573	25.086	ug/L	97
60) Isopropylbenzene	12.458	105	385000	25.755	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60158	24.584	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	283839	26.218	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	309796	26.596	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	163518	25.277	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	167876	24.390	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	150161	25.109	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	14045	24.595	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	104994	24.048	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	90190	25.483	ug/L	99
71) Naphthalene	15.360	128	193573	27.712	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	83487	25.889	ug/L	93

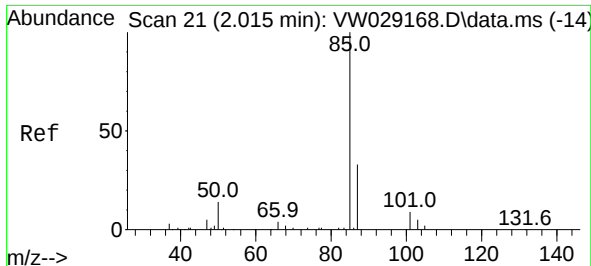
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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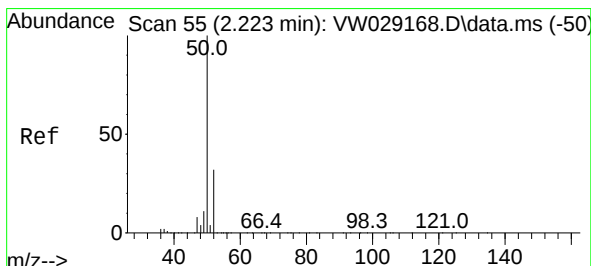
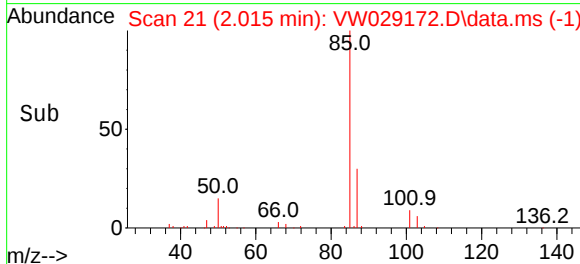
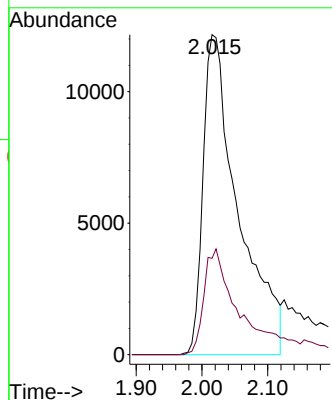
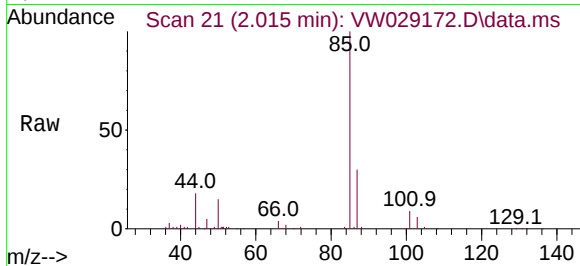




#2
 Dichlorodifluoromethane
 Concen: 18.671 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029172.D
 Acq: 18 Jun 2024 12:19

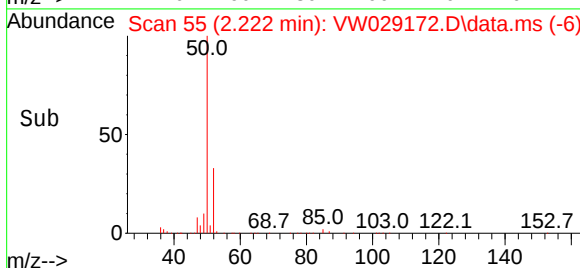
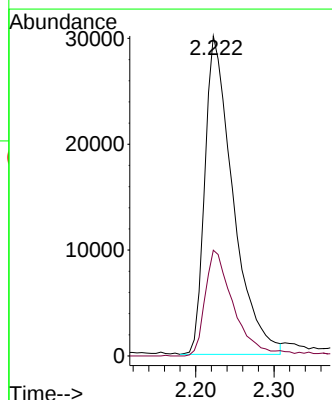
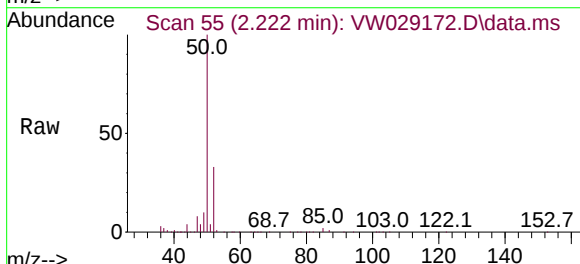
Instrument :
 MSVOA_W
 ClientSampleId :

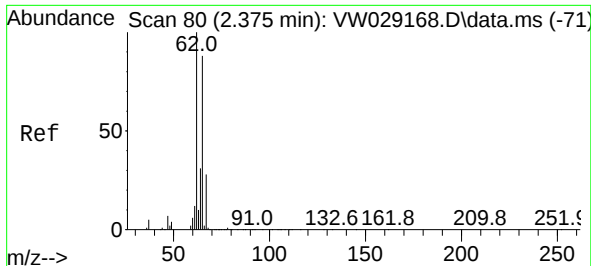
Tgt Ion: 85 Resp: 45287
 Ion Ratio Lower Upper
 85 100
 87 33.7 23.8 35.6



#3
 Chloromethane
 Concen: 21.680 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029172.D
 Acq: 18 Jun 2024 12:19

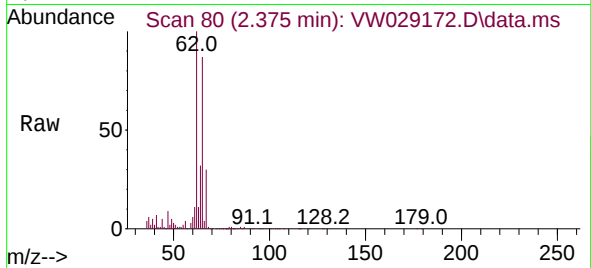
Tgt Ion: 50 Resp: 74979
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.5



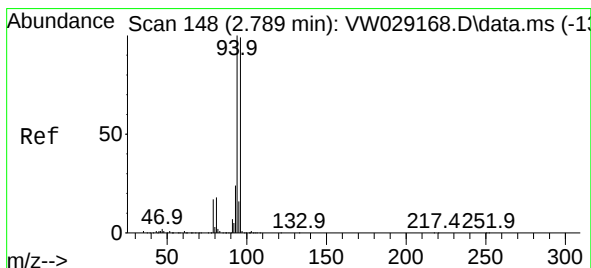
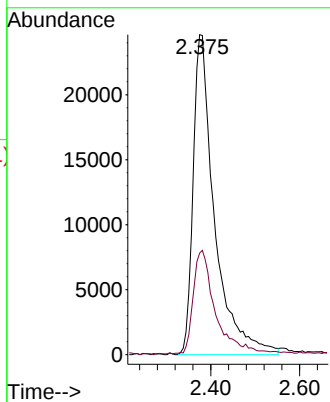
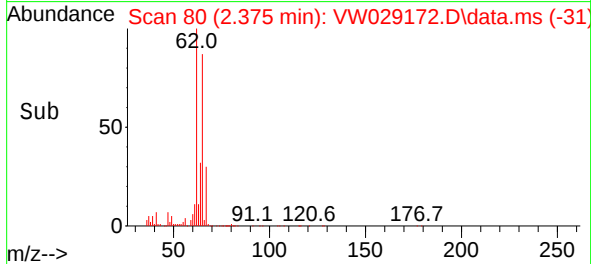


#5
 Vinyl chloride
 Concen: 20.721 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029172.D
 Acq: 18 Jun 2024 12:19

Instrument :
 MSVOA_W
 ClientSampleId :

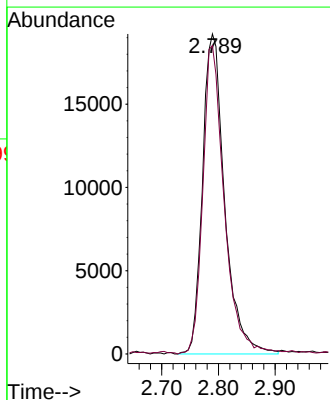
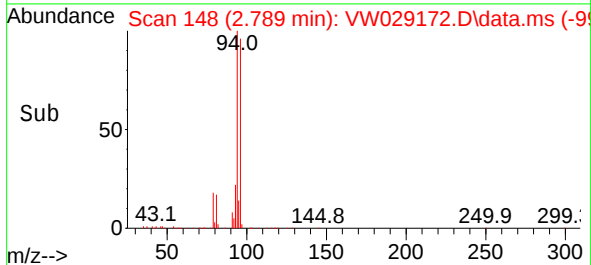
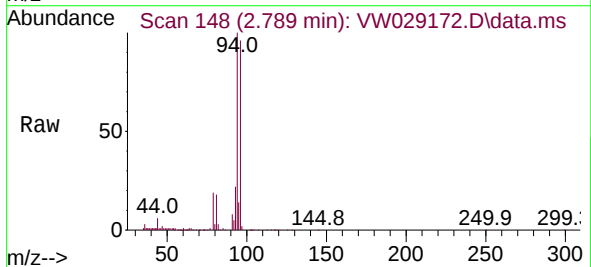


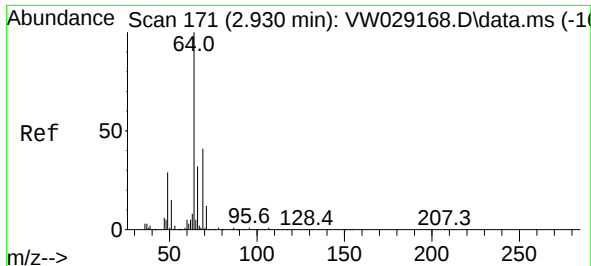
Tgt Ion: 62 Resp: 82295
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.0 40.8



#6
 Bromomethane
 Concen: 21.829 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029172.D
 Acq: 18 Jun 2024 12:19

Tgt Ion: 94 Resp: 52108
 Ion Ratio Lower Upper
 94 100
 96 96.3 69.5 129.1

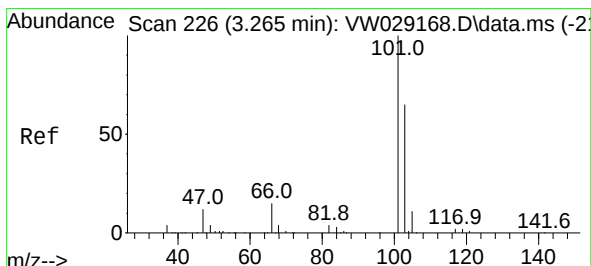
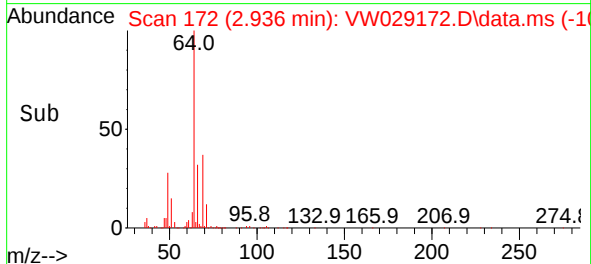
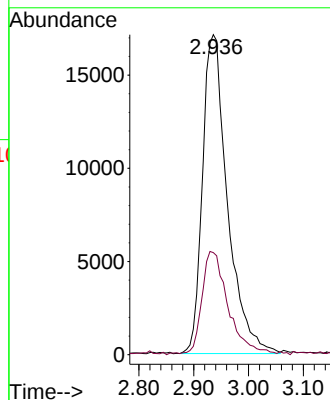
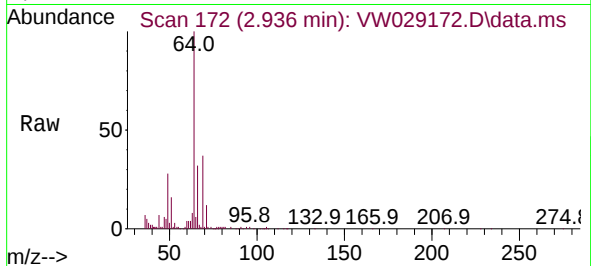




#8
Chloroethane
Concen: 22.312 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

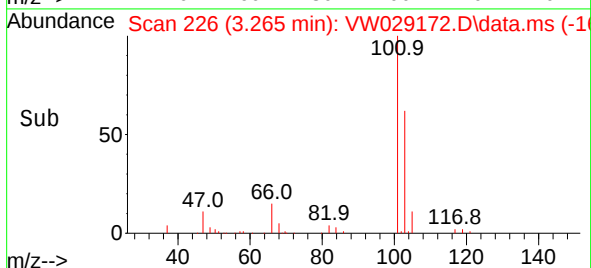
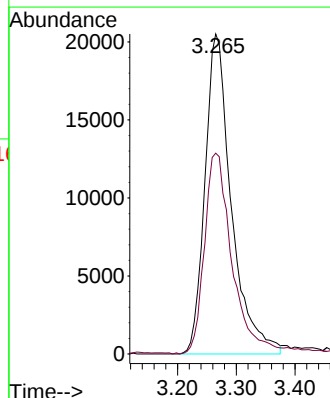
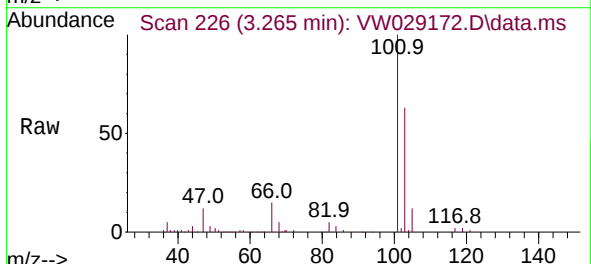
Instrument :
MSVOA_W
ClientSampleId :

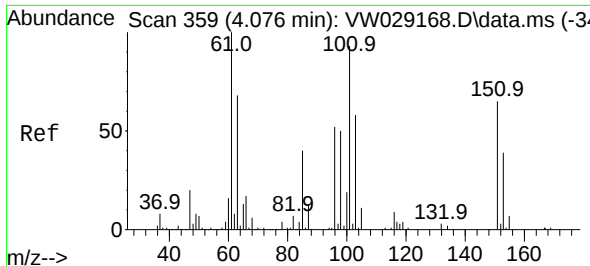
Tgt Ion: 64 Resp: 54200
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 20.793 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Tgt Ion:101 Resp: 64025
Ion Ratio Lower Upper
101 100
103 65.4 50.8 76.2





#10

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

Concen: 19.519 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

ClientSampleId :

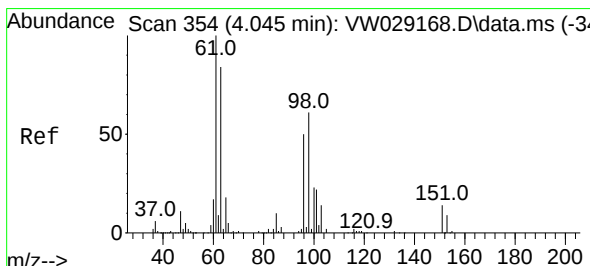
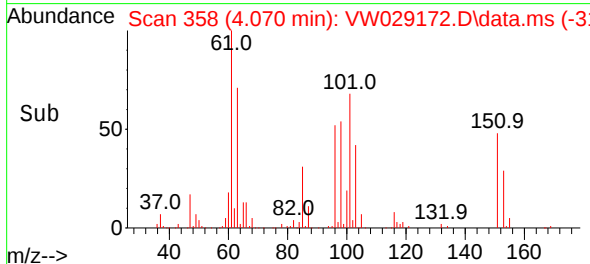
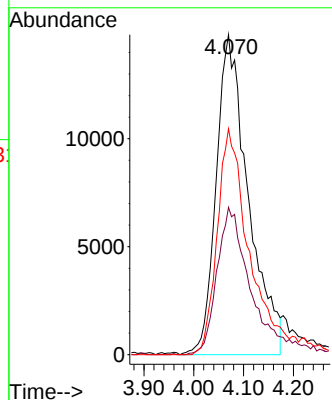
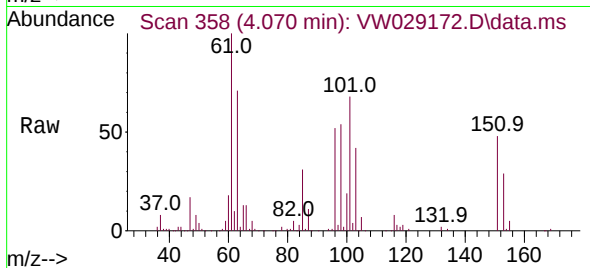
Tgt Ion:101 Resp: 66267

Ion Ratio Lower Upper

101 100

85 42.9 30.2 45.2

151 66.6 52.2 78.4



#12

1,1-Dichloroethene

Concen: 22.737 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

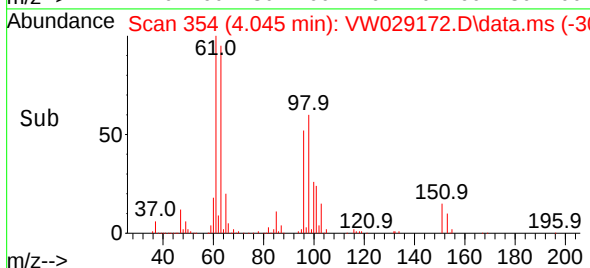
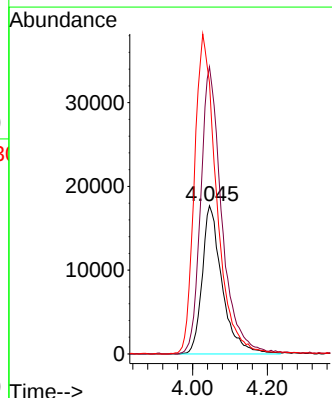
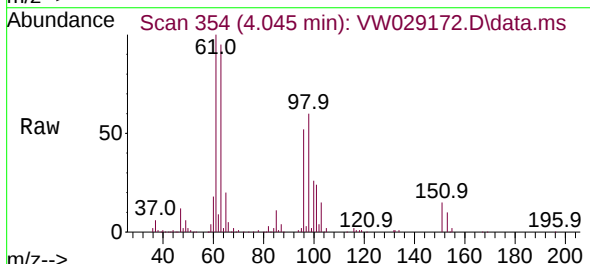
Tgt Ion: 96 Resp: 65499

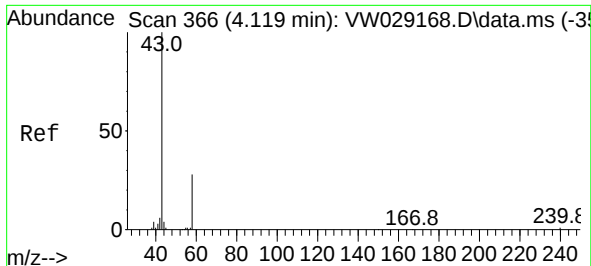
Ion Ratio Lower Upper

96 100

61 193.8 140.1 260.3

63 183.3 122.0 226.6

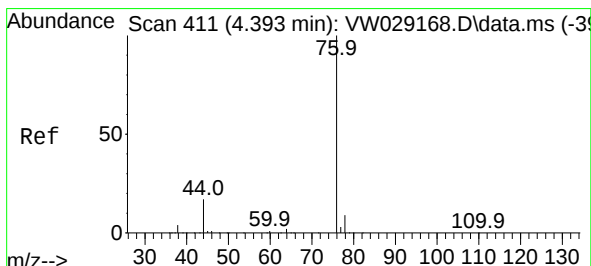
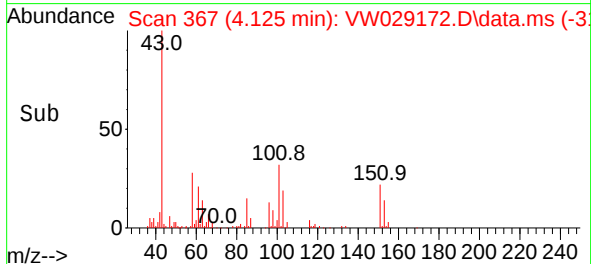
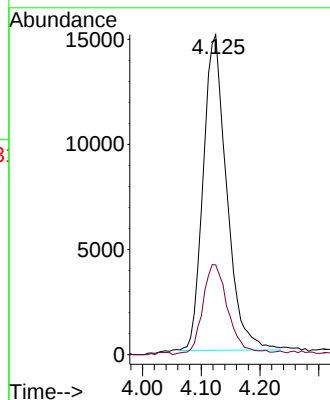
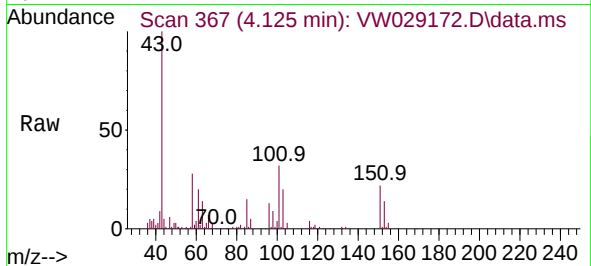




#13
Acetone
Concen: 47.763 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

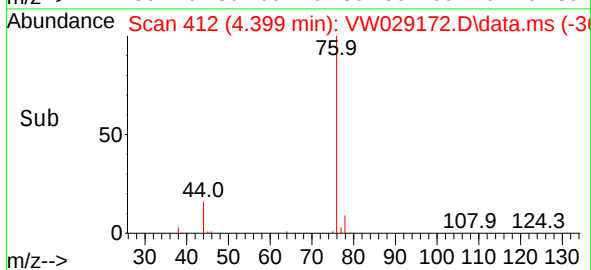
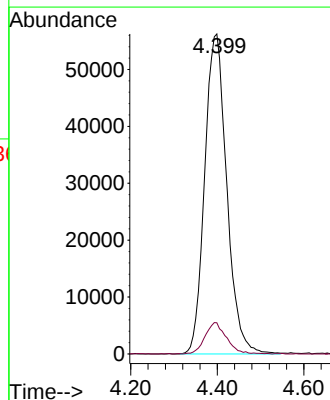
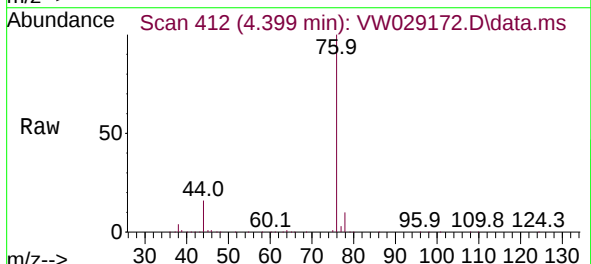
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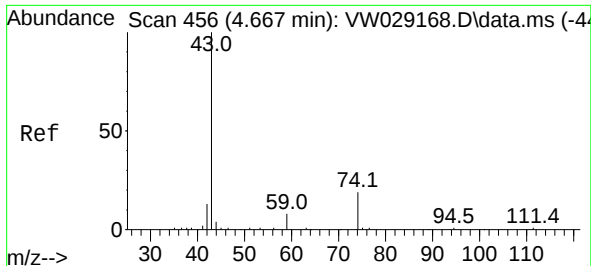
Tgt Ion: 43 Resp: 41788
Ion Ratio Lower Upper
43 100
58 30.7 0.0 61.4



#14
Carbon disulfide
Concen: 21.197 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Tgt Ion: 76 Resp: 199334
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8





#15

Methyl Acetate

Concen: 24.415 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

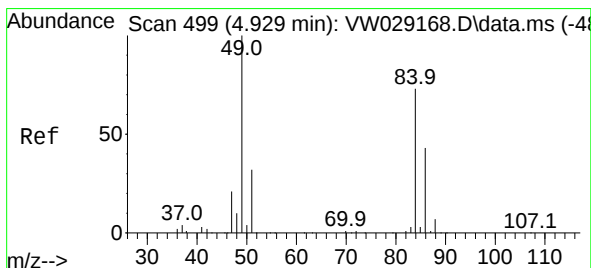
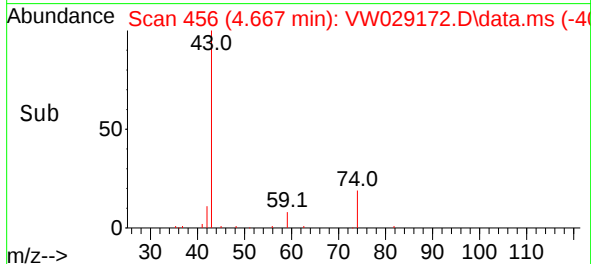
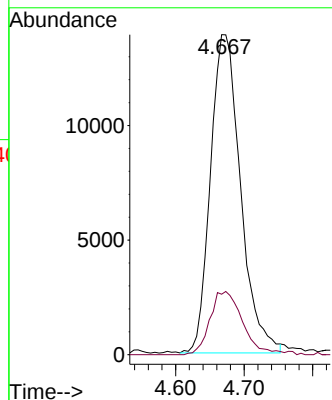
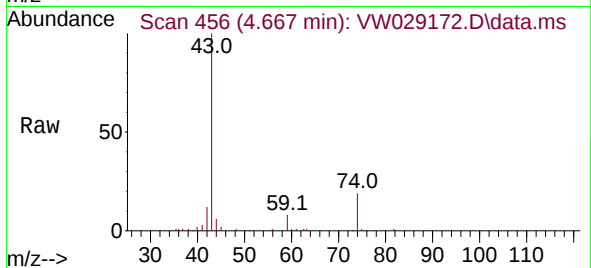
ClientSampleId :

Tgt Ion: 43 Resp: 42406

Ion Ratio Lower Upper

43 100

74 21.1 16.6 25.0



#16

Methylene chloride

Concen: 19.763 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.012 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

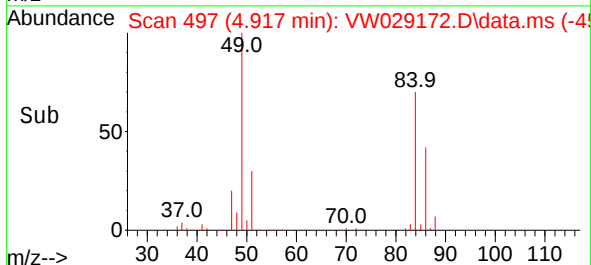
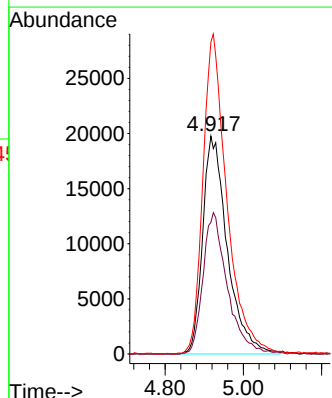
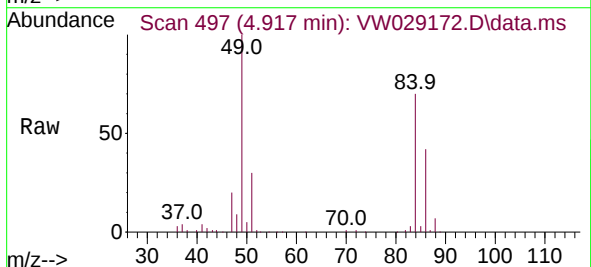
Tgt Ion: 84 Resp: 86396

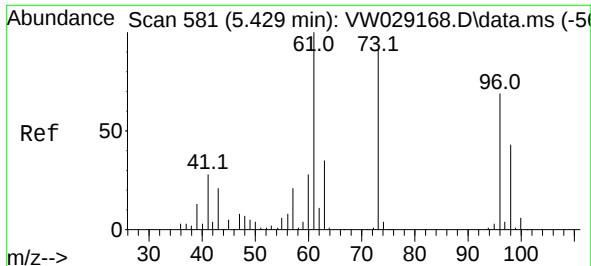
Ion Ratio Lower Upper

84 100

86 60.5 41.4 77.0

49 143.3 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 22.947 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

ClientSampleId :

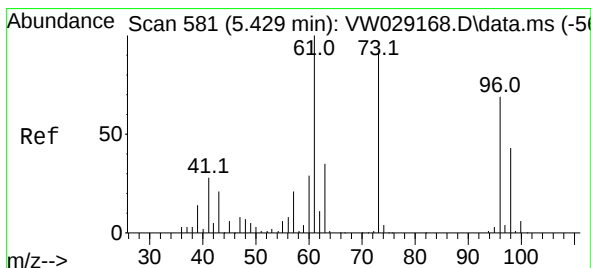
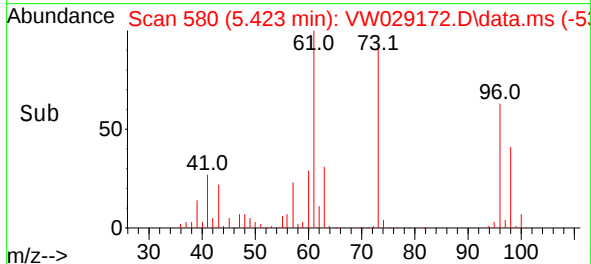
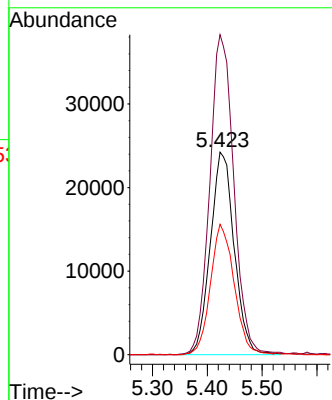
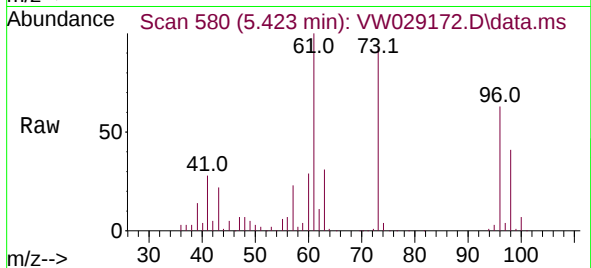
Tgt Ion: 96 Resp: 73409

Ion Ratio Lower Upper

96 100

61 158.0 101.5 188.5

98 64.4 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 24.535 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

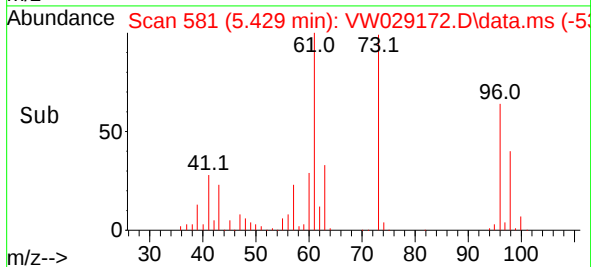
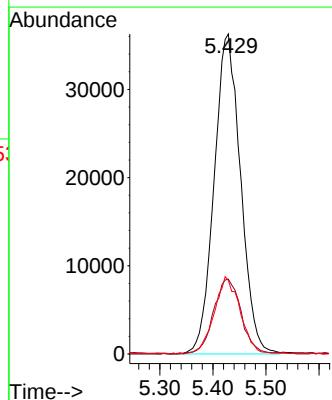
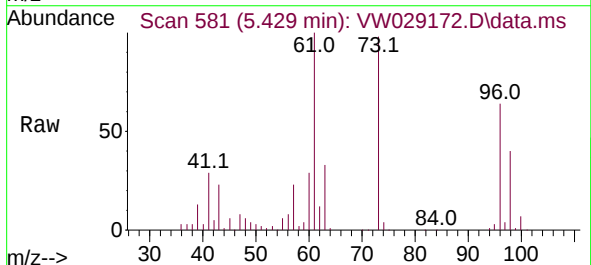
Tgt Ion: 73 Resp: 125578

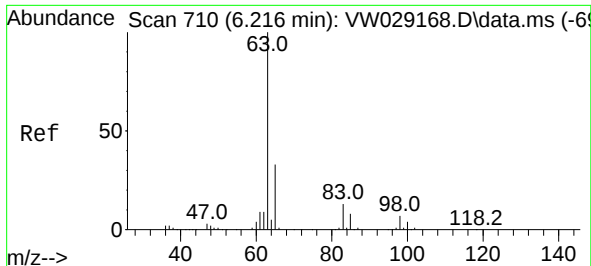
Ion Ratio Lower Upper

73 100

43 24.5 19.5 29.3

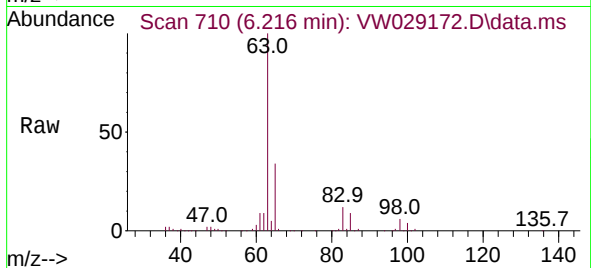
57 23.7 18.4 27.6



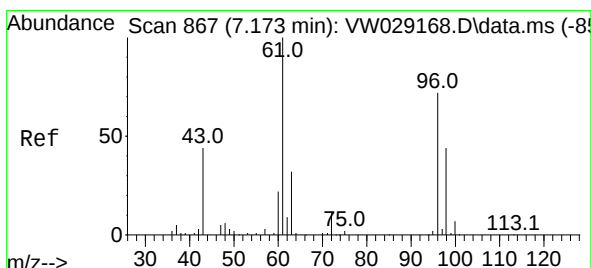
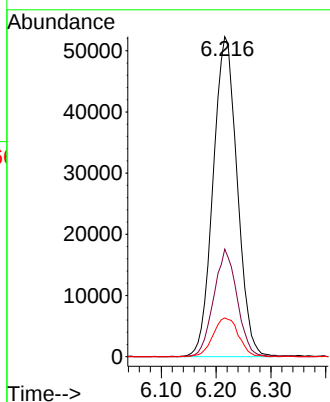
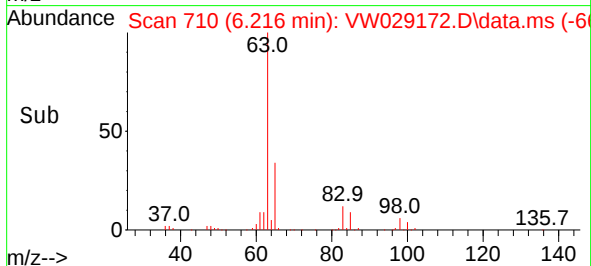


#19
1,1-Dichloroethane
Concen: 23.120 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Instrument :
MSVOA_W
ClientSampleId :

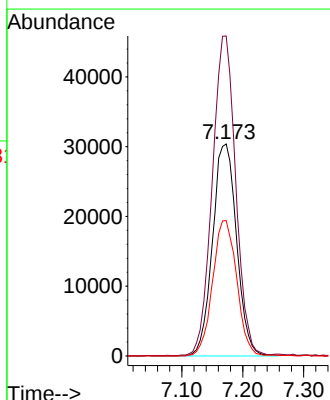
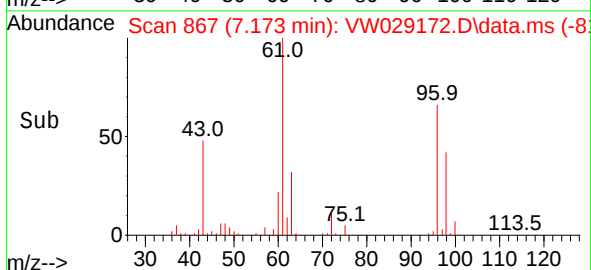
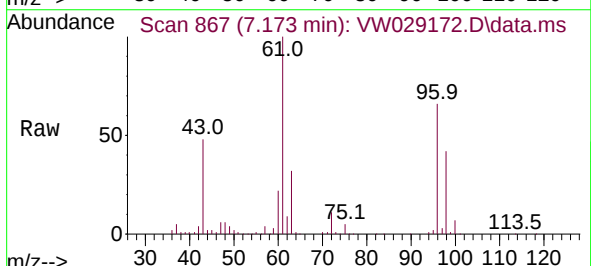


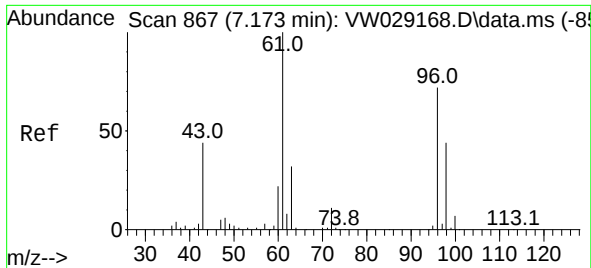
Tgt Ion: 63 Resp: 159741
Ion Ratio Lower Upper
63 100
65 33.6 23.4 43.4
83 12.1 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 23.641 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Tgt Ion: 96 Resp: 83401
Ion Ratio Lower Upper
96 100
61 151.0 97.8 181.6
98 63.8 43.0 79.8

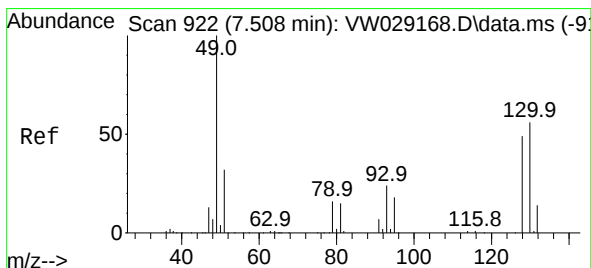
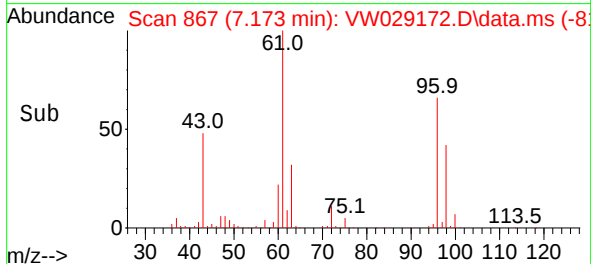
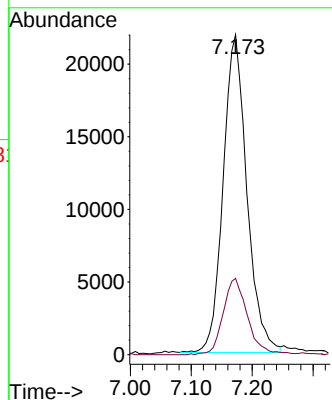
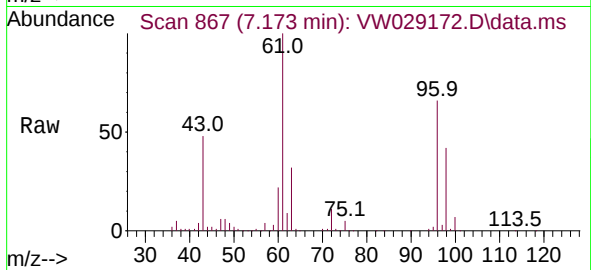




#22
2-Butanone
Concen: 49.315 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

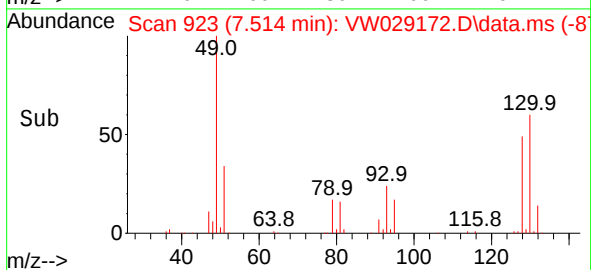
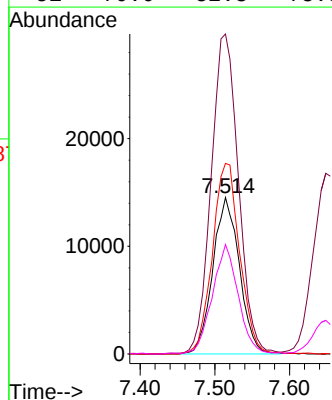
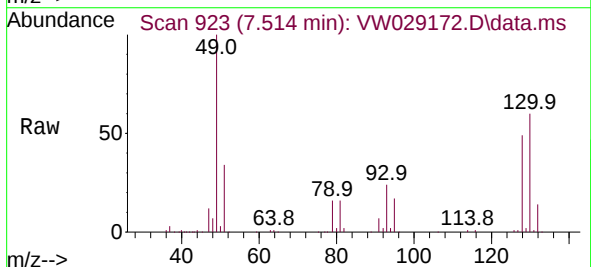
Instrument :
MSVOA_W
ClientSampleId :

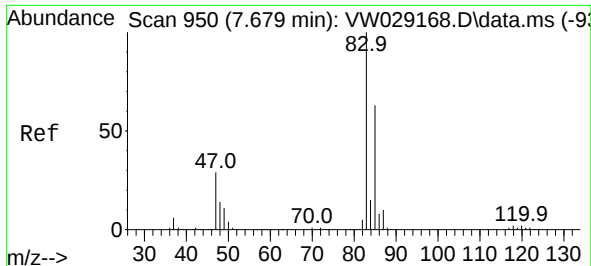
Tgt Ion: 43 Resp: 59145
Ion Ratio Lower Upper
43 100
72 24.3 11.9 35.7



#23
Bromochloromethane
Concen: 22.884 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Tgt Ion:128 Resp: 35938
Ion Ratio Lower Upper
128 100
49 204.6 142.6 264.8
130 121.8 79.7 148.1
51 70.0 52.3 78.5





#25

Chloroform

Concen: 23.754 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

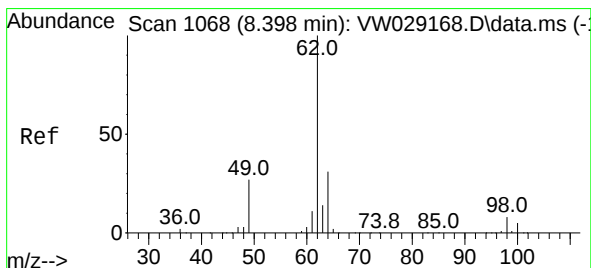
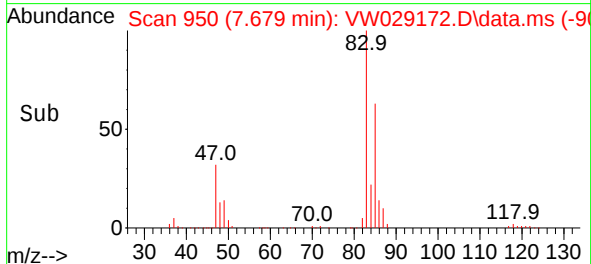
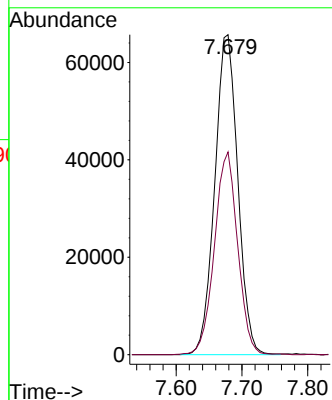
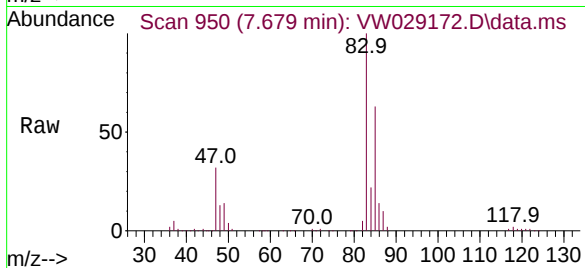
ClientSampleId :

Tgt Ion: 83 Resp: 160269

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 22.992 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029172.D

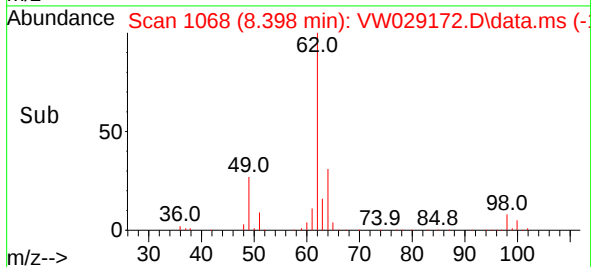
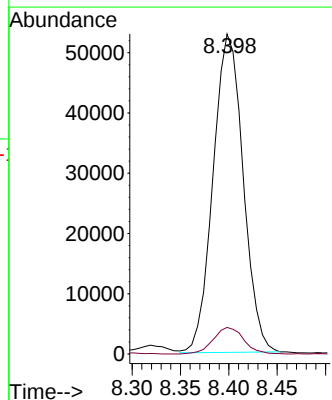
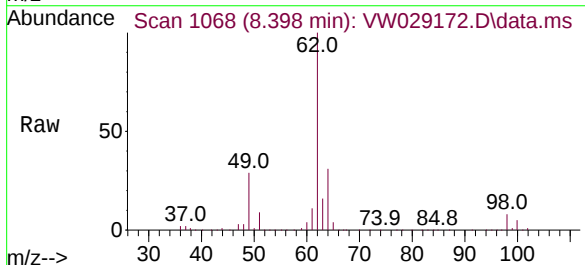
Acq: 18 Jun 2024 12:19

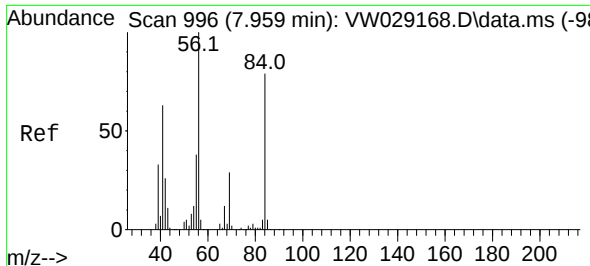
Tgt Ion: 62 Resp: 114408

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 22.953 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

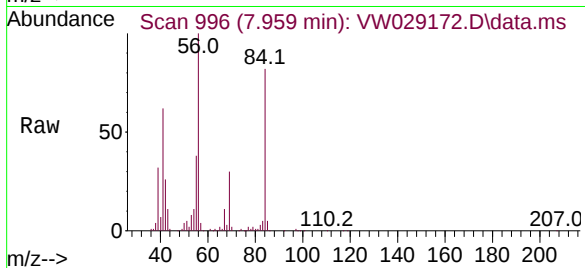
Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

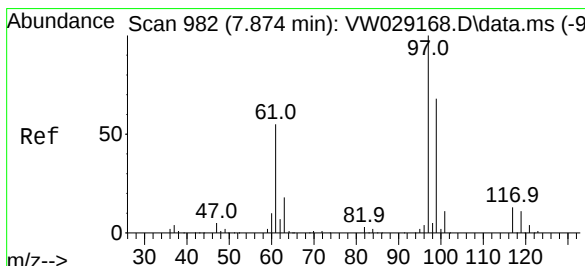
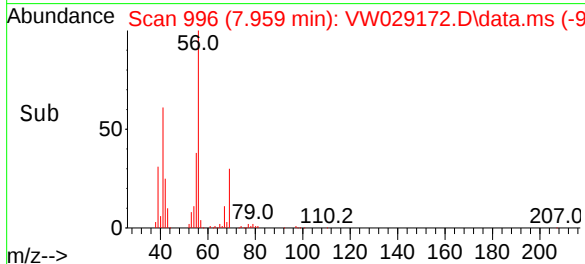
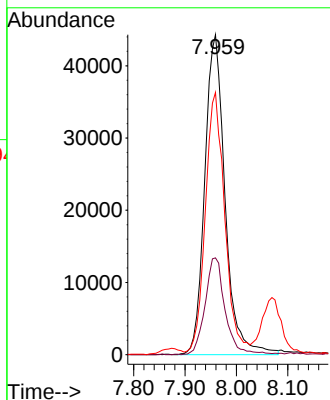
ClientSampleId :



Tgt Ion: 56 Resp: 121692

Ion Ratio Lower Upper

56	100		
69	29.5	23.4	35.0
84	78.4	64.5	96.7



#30

1,1,1-Trichloroethane

Concen: 22.950 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

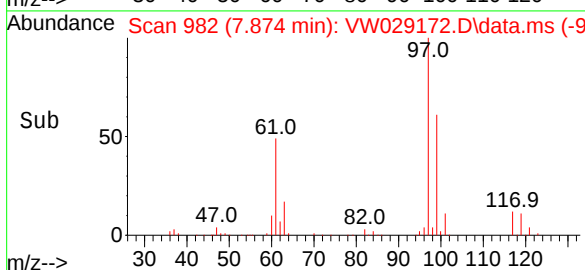
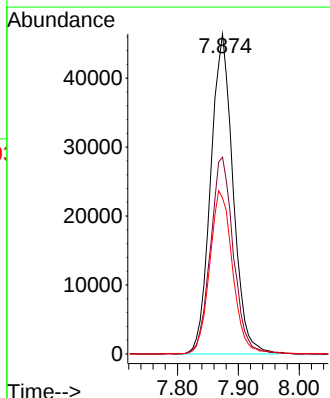
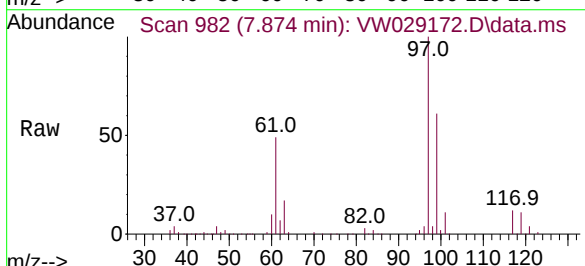
Lab File: VW029172.D

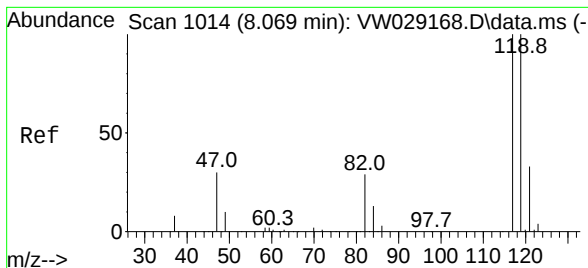
Acq: 18 Jun 2024 12:19

Tgt Ion: 97 Resp: 118354

Ion Ratio Lower Upper

97	100		
99	63.2	53.0	79.4
61	52.4	43.0	64.4





#31

Carbon tetrachloride

Concen: 22.916 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

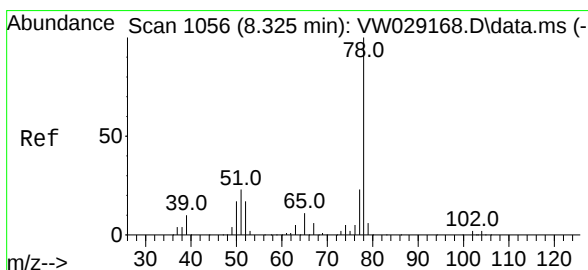
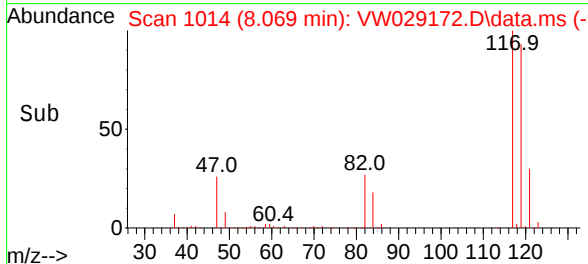
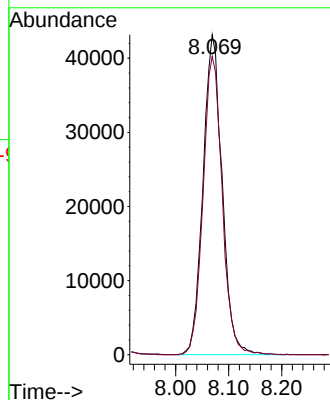
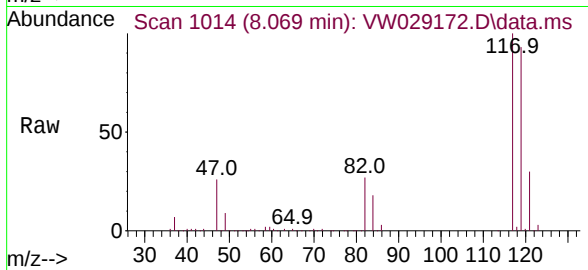
ClientSampleId :

Tgt Ion:117 Resp: 107956

Ion Ratio Lower Upper

117 100

119 93.4 79.0 118.4



#33

Benzene

Concen: 23.963 ug/L

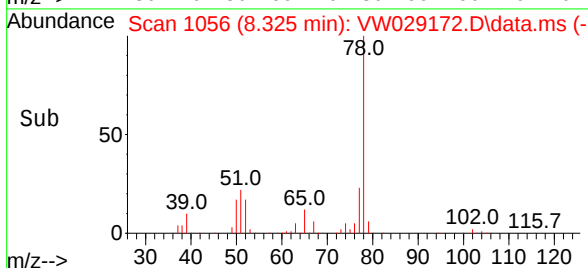
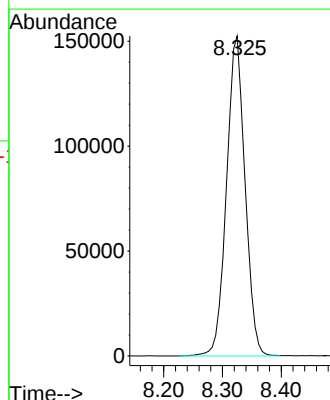
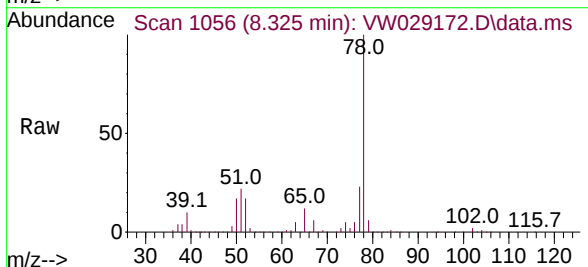
RT: 8.325 min Scan# 1056

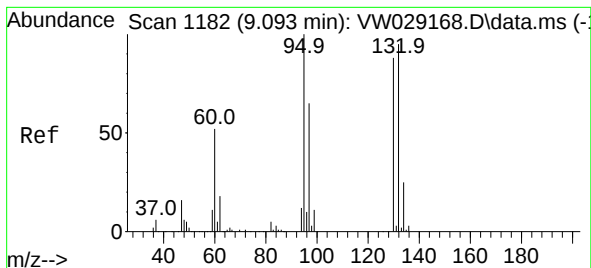
Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Tgt Ion: 78 Resp: 333915





#34

Trichloroethene

Concen: 23.005 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

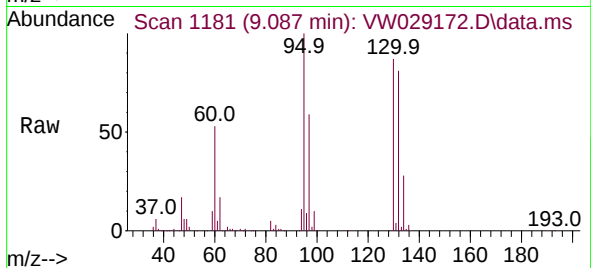
Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 85526

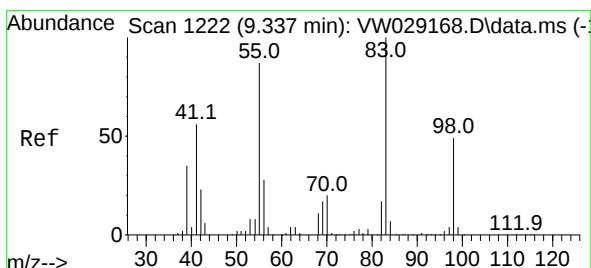
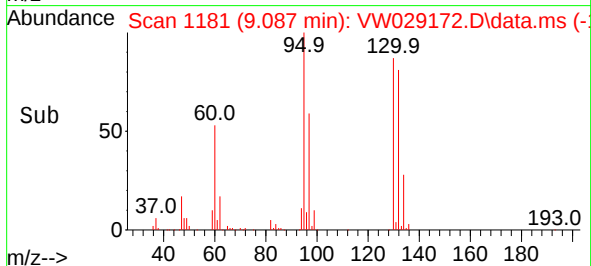
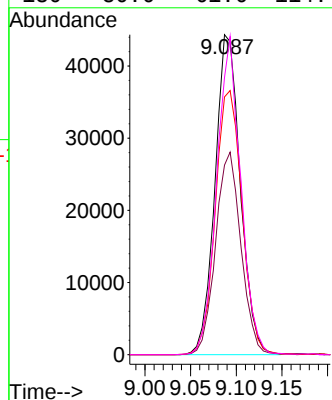
Ion Ratio Lower Upper

95 100

97 59.2 45.7 84.9

132 80.5 66.4 123.4

130 86.6 61.6 114.4



#35

Methylcyclohexane

Concen: 22.447 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

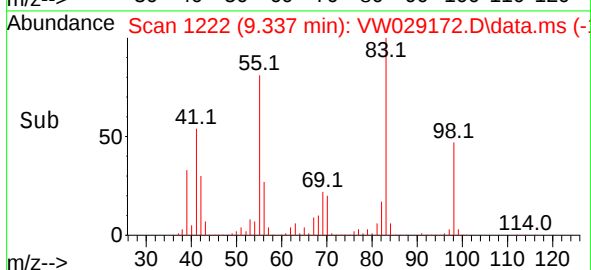
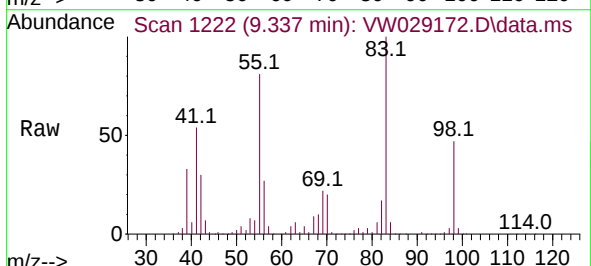
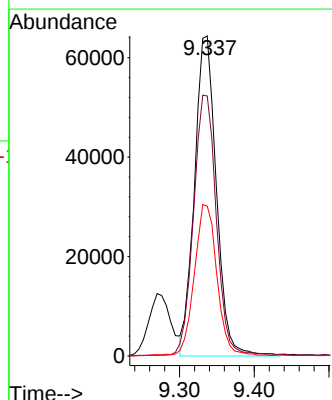
Tgt Ion: 83 Resp: 131242

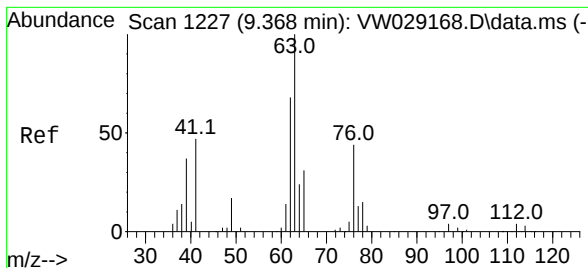
Ion Ratio Lower Upper

83 100

55 84.9 69.5 104.3

98 48.8 38.0 57.0





#37

1,2-Dichloropropane

Concen: 23.658 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

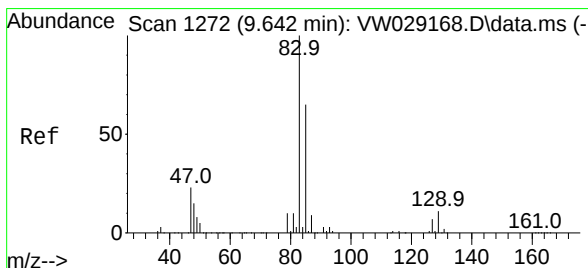
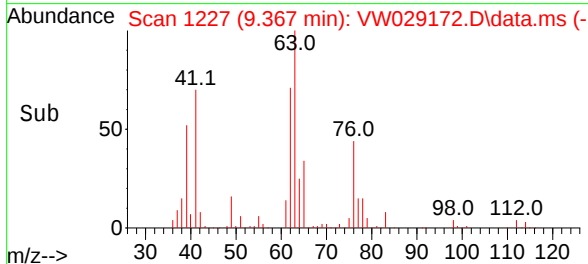
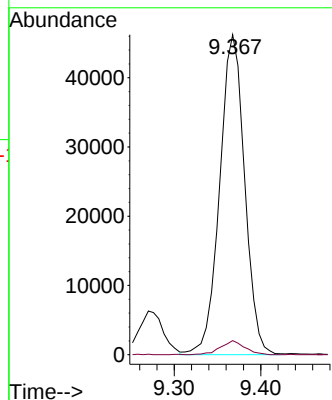
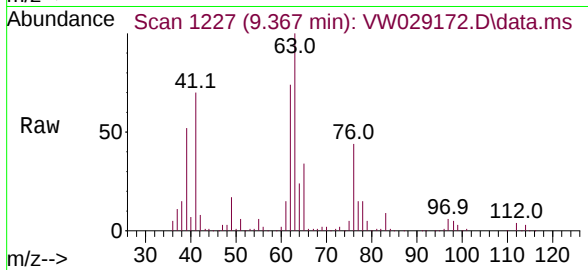
ClientSampleId :

Tgt Ion: 63 Resp: 92634

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 23.513 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

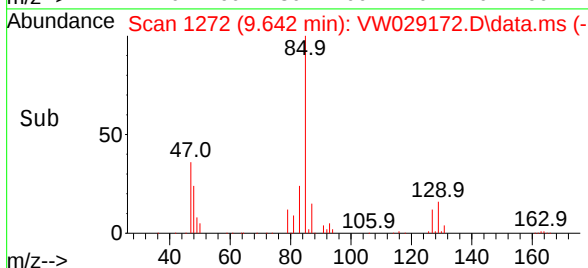
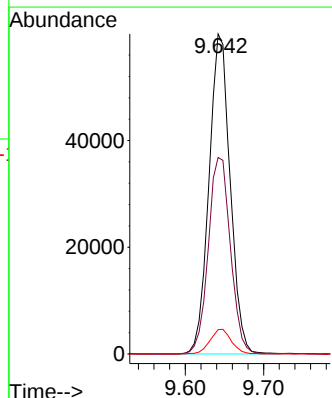
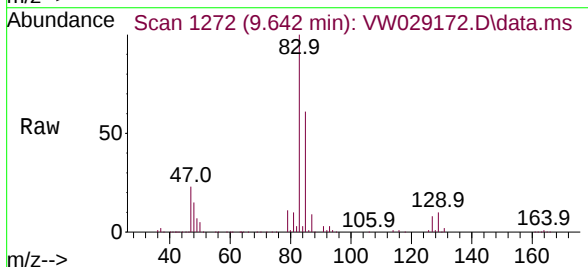
Tgt Ion: 83 Resp: 112565

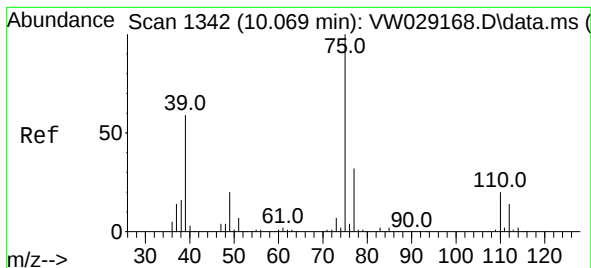
Ion Ratio Lower Upper

83 100

85 61.4 45.1 83.9

127 7.6 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 24.579 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

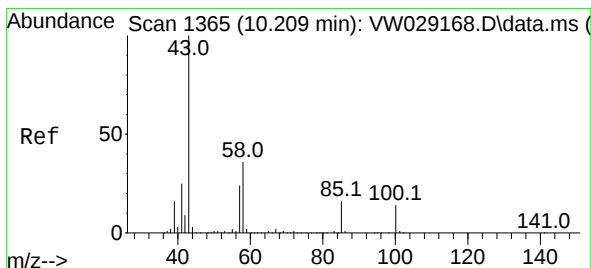
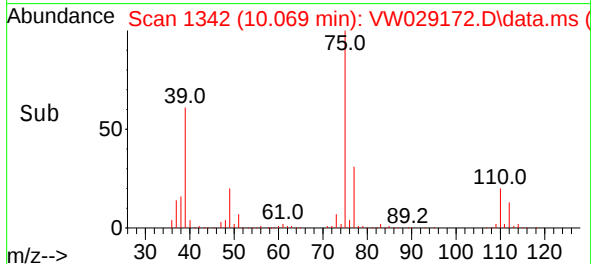
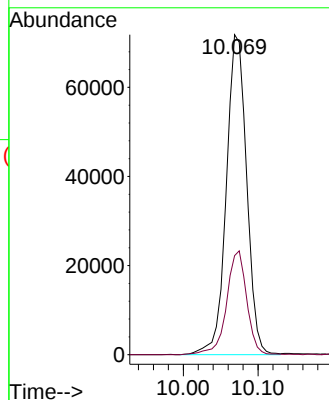
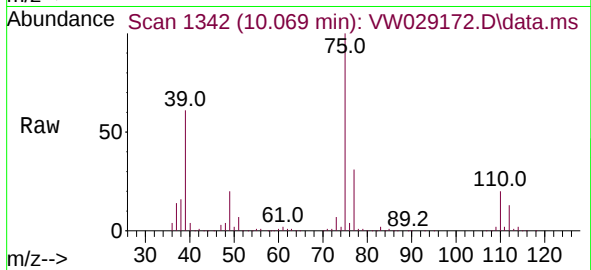
ClientSampleId :

Tgt Ion: 75 Resp: 136046

Ion Ratio Lower Upper

75 100

77 31.0 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 50.735 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

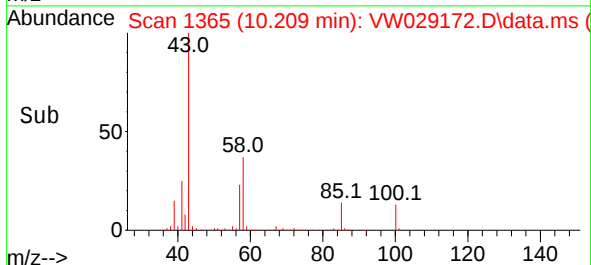
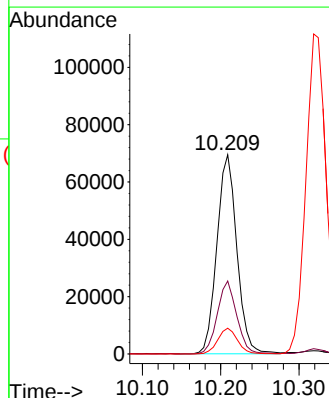
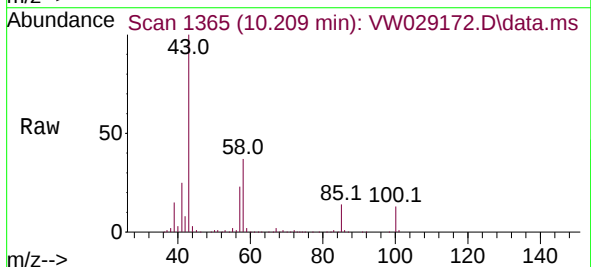
Tgt Ion: 43 Resp: 123128

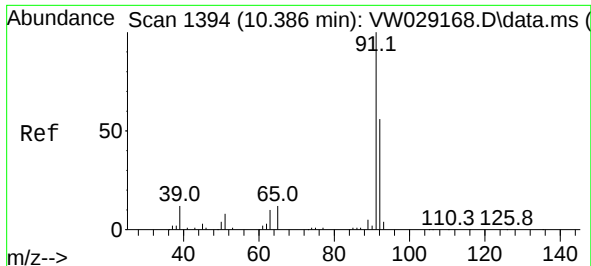
Ion Ratio Lower Upper

43 100

58 35.7 28.2 42.4

100 12.9 11.0 16.4

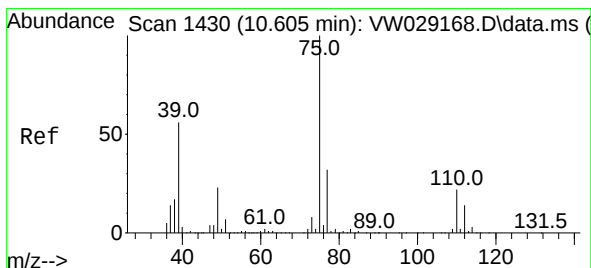
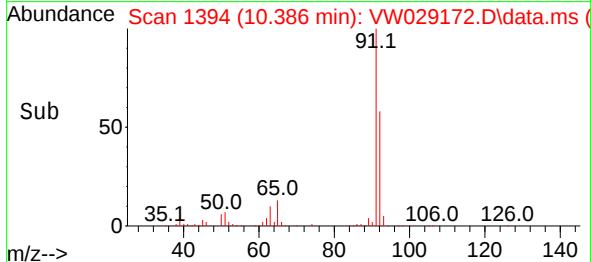
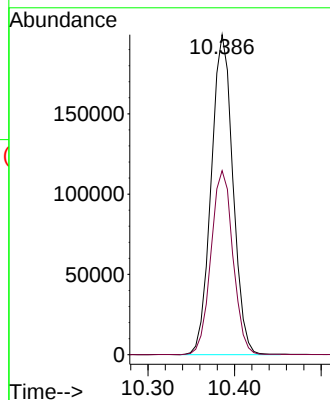
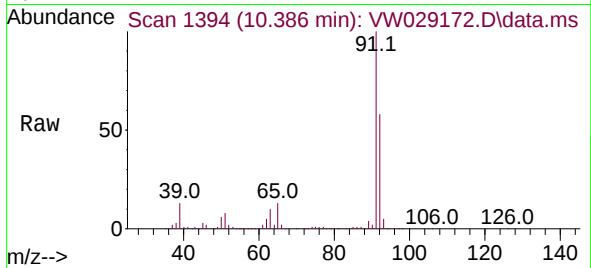




#42
Toluene
Concen: 24.208 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

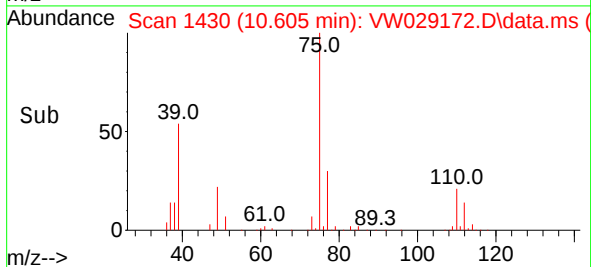
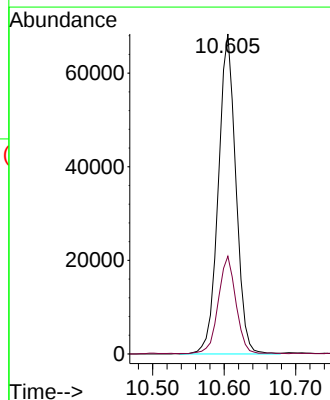
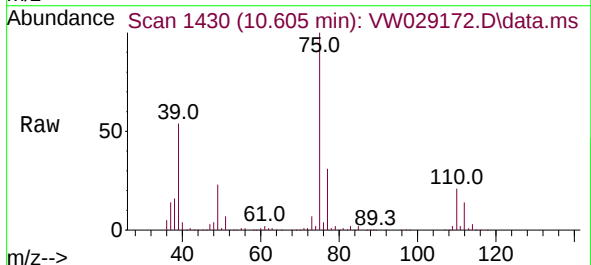
Instrument :
MSVOA_W
ClientSampleId :

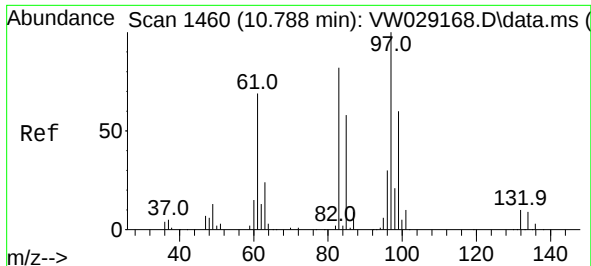
Tgt Ion: 91 Resp: 346792
Ion Ratio Lower Upper
91 100
92 57.5 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 24.914 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Tgt Ion: 75 Resp: 116440
Ion Ratio Lower Upper
75 100
77 30.5 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 23.944 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 65296

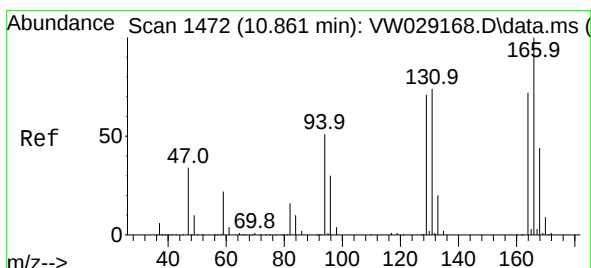
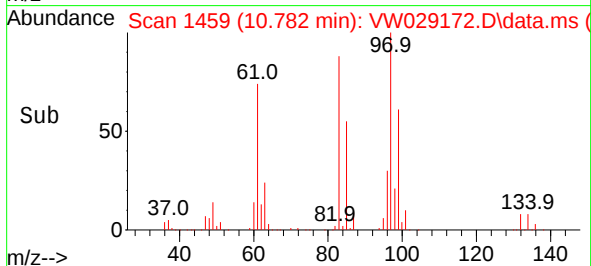
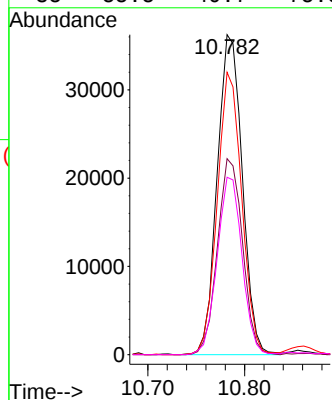
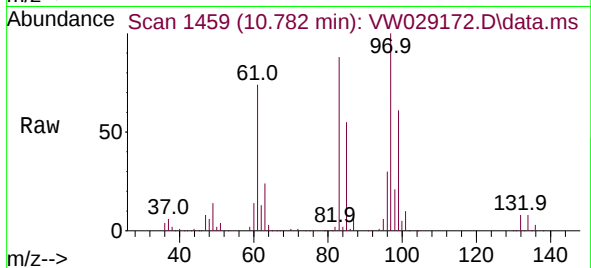
Ion Ratio Lower Upper

97 100

99 61.3 42.3 78.5

83 88.3 57.7 107.1

85 55.5 40.7 75.5



#46

Tetrachloroethene

Concen: 22.030 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Tgt Ion:164 Resp: 57252

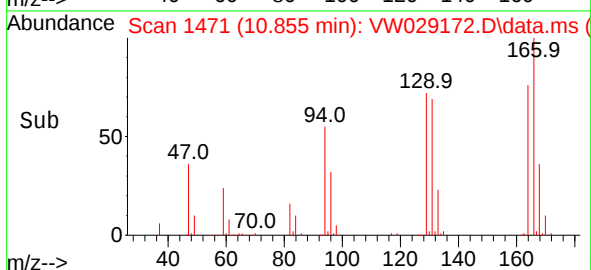
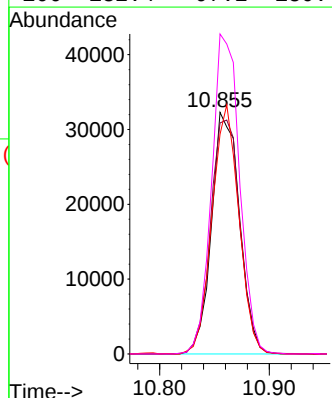
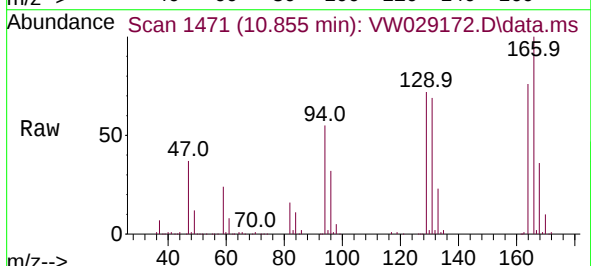
Ion Ratio Lower Upper

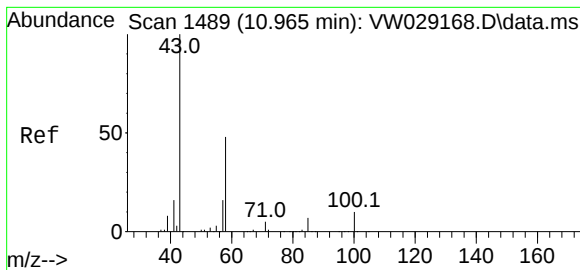
164 100

129 95.6 68.5 127.3

131 90.9 71.8 133.4

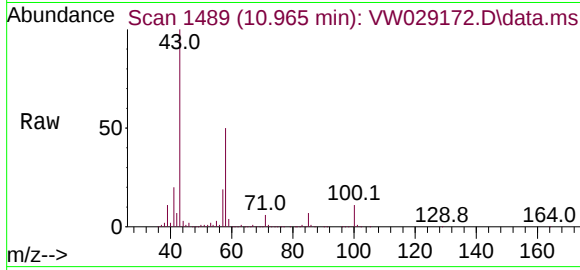
166 132.4 97.2 180.4



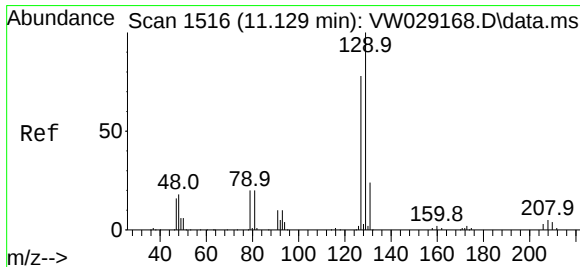
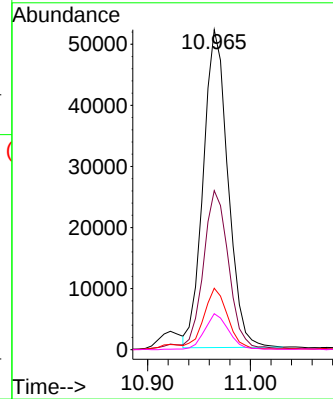
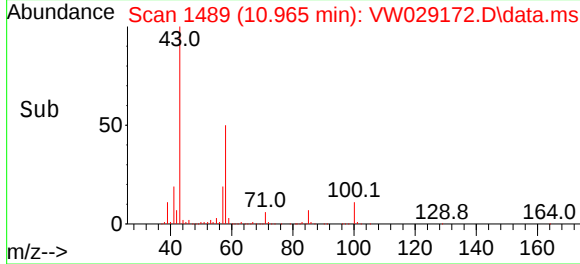


#48
2-Hexanone
Concen: 50.444 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Instrument :
MSVOA_W
ClientSampleId :

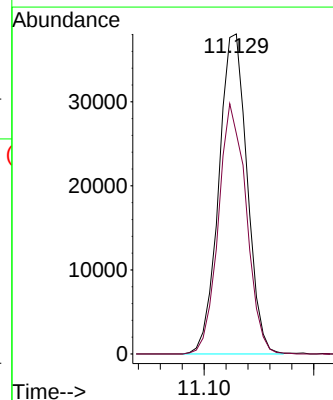
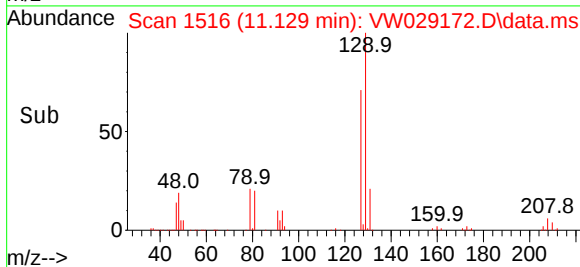
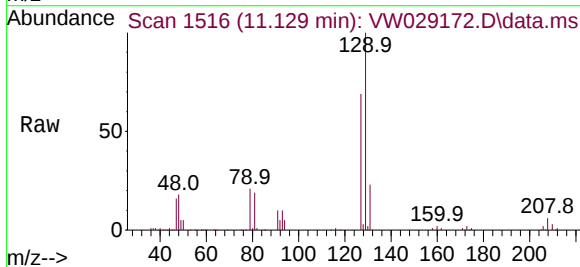


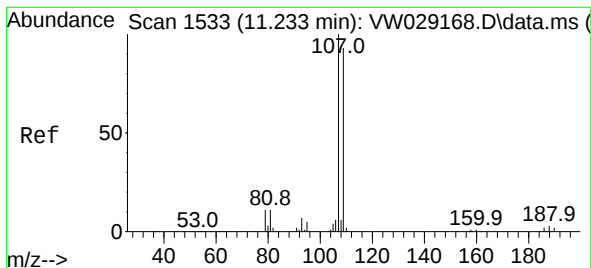
Tgt Ion:	43	Resp:	86868
Ion	Ratio	Lower	Upper
43	100		
58	51.4	39.6	59.4
57	18.7	14.6	21.8
100	11.2	8.2	12.2



#49
Dibromochloromethane
Concen: 23.919 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Tgt Ion:	129	Resp:	68186
Ion	Ratio	Lower	Upper
129	100		
127	68.9	54.8	101.8





#50

1,2-Dibromoethane

Concen: 23.854 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029172.D

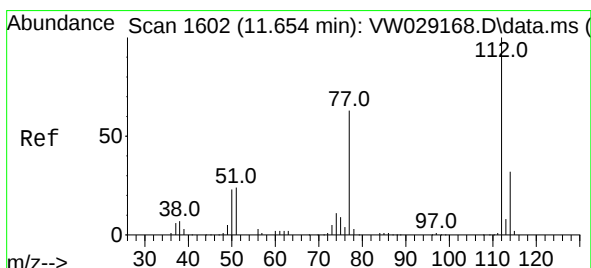
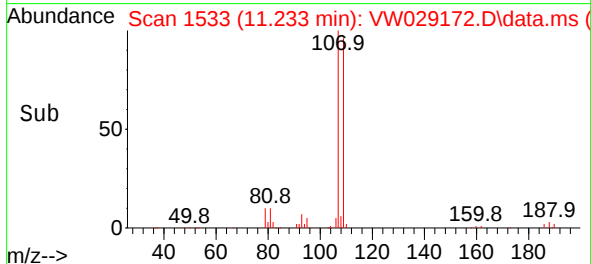
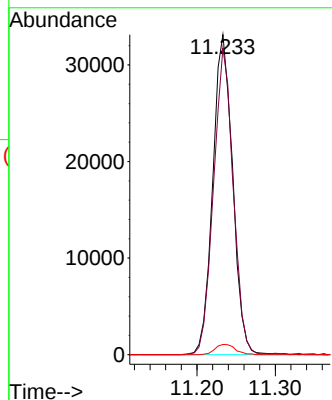
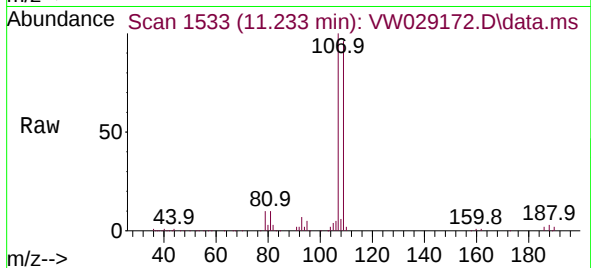
Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	58393
Ion Ratio	Lower	Upper
107	100	
109	95.8	65.5 121.6
188	3.2	2.6 4.0



#51

Chlorobenzene

Concen: 23.779 ug/L

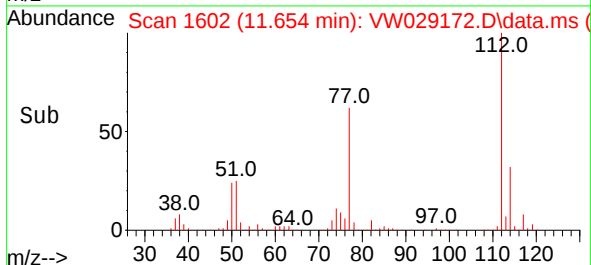
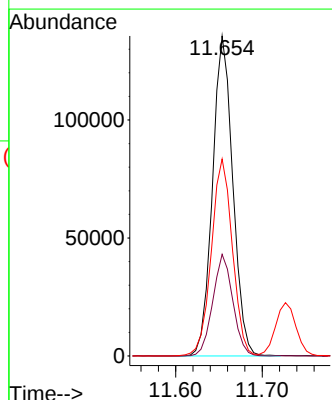
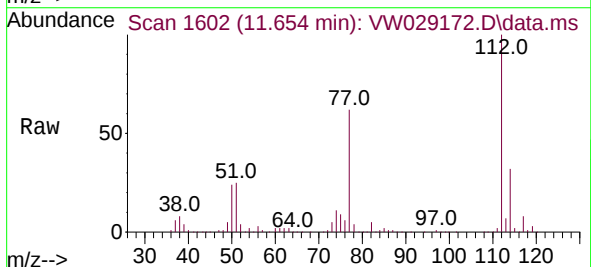
RT: 11.654 min Scan# 1602

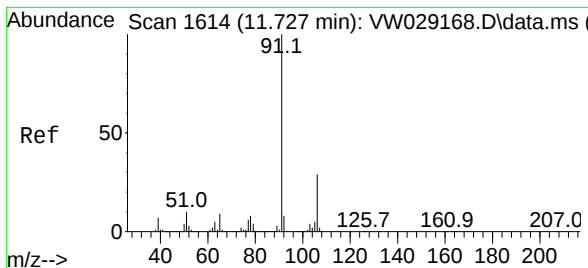
Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

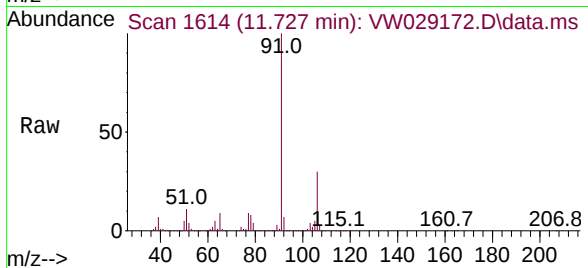
Tgt Ion:112	Resp:	221201
Ion Ratio	Lower	Upper
112	100	
114	31.7	22.6 42.0
77	61.6	51.0 76.6



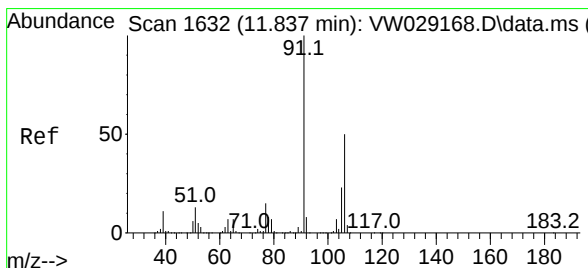
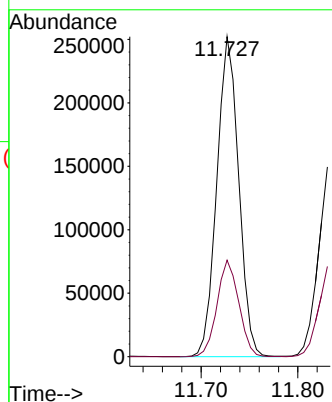
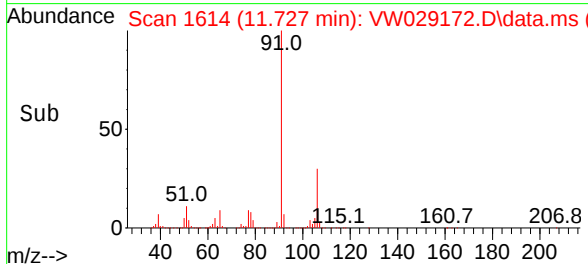


#52
Ethylbenzene
Concen: 24.347 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Instrument :
MSVOA_W
ClientSampleId :

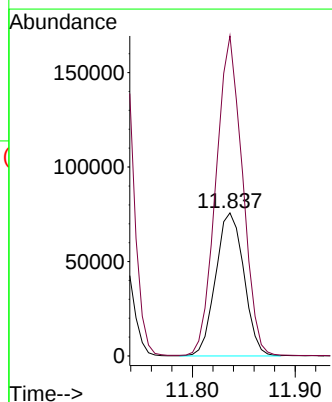
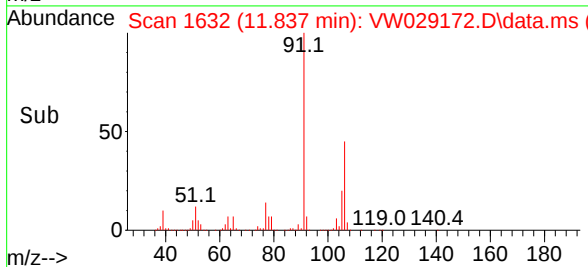
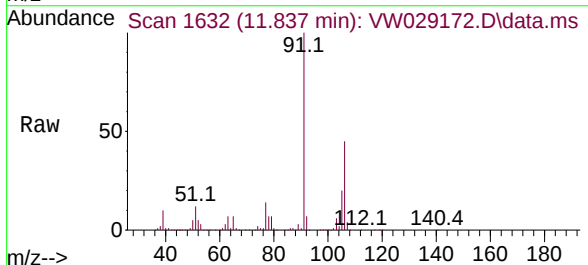


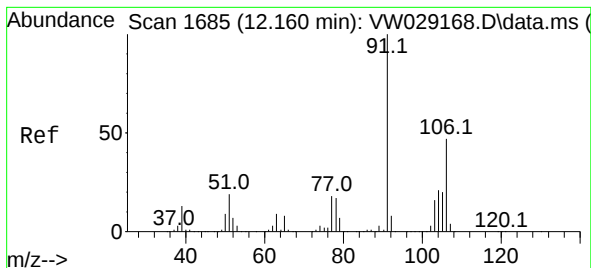
Tgt Ion: 91 Resp: 395914
Ion Ratio Lower Upper
91 100
106 30.1 19.9 37.0



#53
m,p-Xylene
Concen: 24.356 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Tgt Ion: 106 Resp: 144664
Ion Ratio Lower Upper
106 100
91 223.8 140.5 260.9





#54

o-Xylene

Concen: 24.977 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

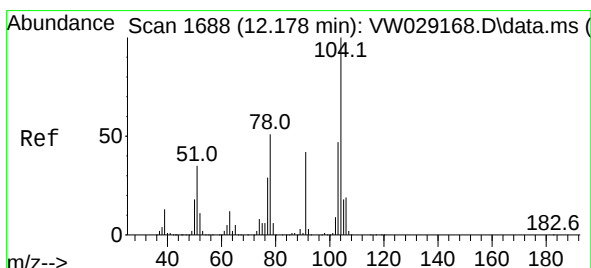
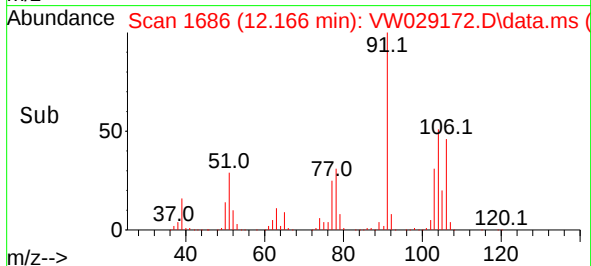
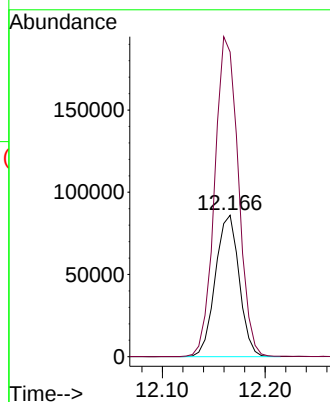
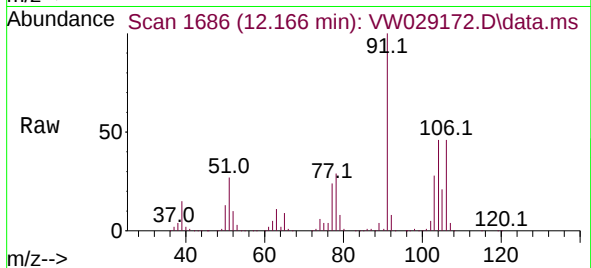
ClientSampleId :

Tgt Ion:106 Resp: 138652

Ion Ratio Lower Upper

106 100

91 215.4 149.9 278.5



#55

Styrene

Concen: 25.113 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029172.D

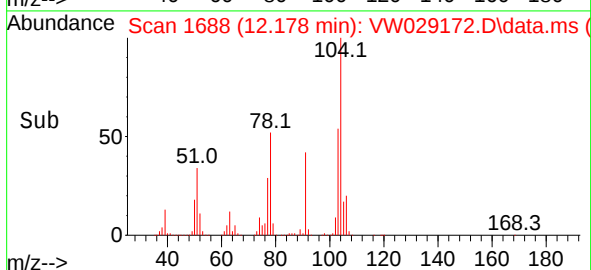
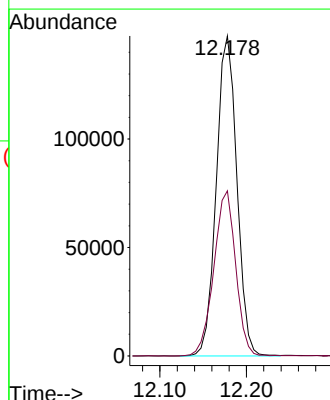
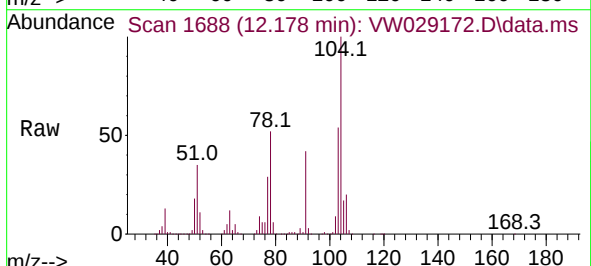
Acq: 18 Jun 2024 12:19

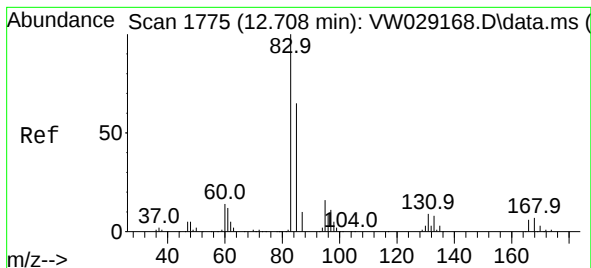
Tgt Ion:104 Resp: 243056

Ion Ratio Lower Upper

104 100

78 51.6 35.4 65.7

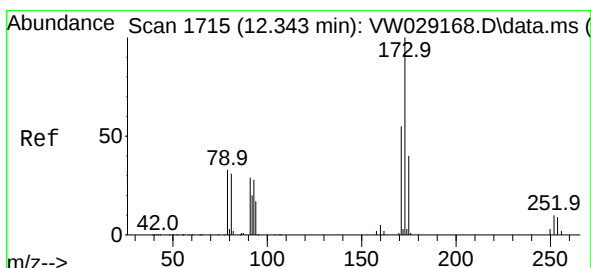
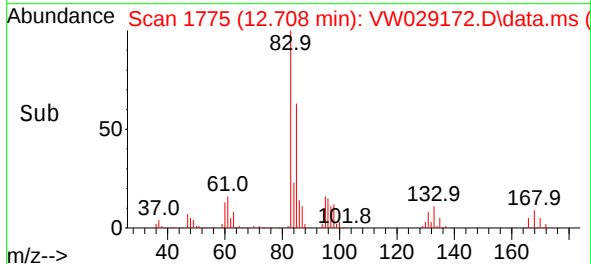
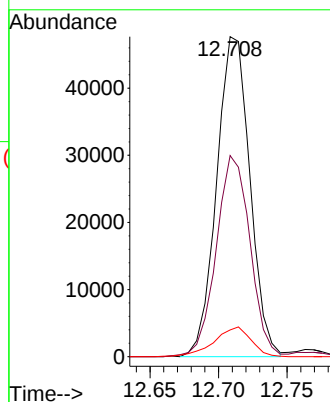
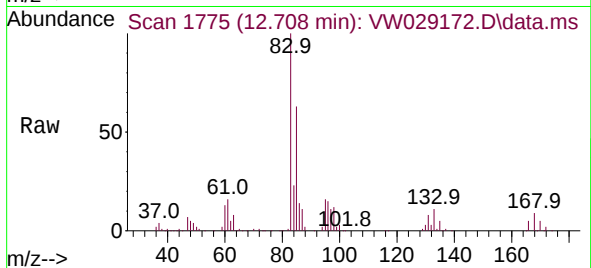




#57
1,1,2,2-Tetrachloroethane
Concen: 23.859 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

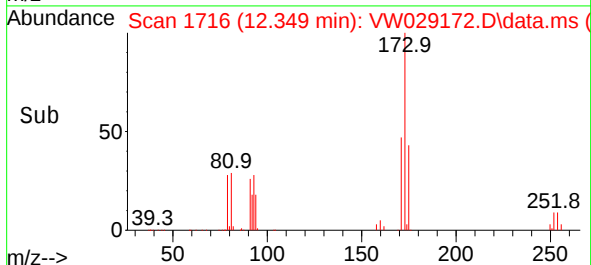
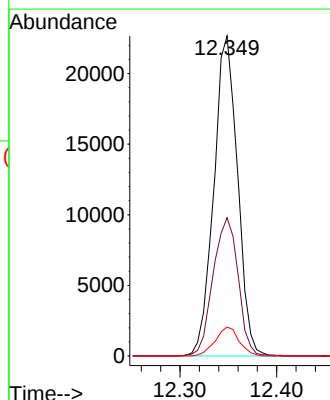
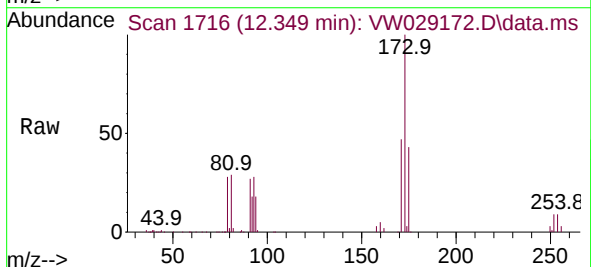
Instrument :
MSVOA_W
ClientSampleId :

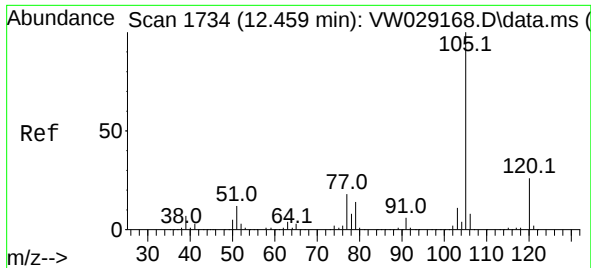
Tgt Ion: 83 Resp: 80484
Ion Ratio Lower Upper
83 100
85 62.8 45.8 85.0
131 8.3 7.8 11.6



#59
Bromoform
Concen: 25.086 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Tgt Ion:173 Resp: 38573
Ion Ratio Lower Upper
173 100
175 45.5 37.8 56.8
254 9.1 7.8 11.6

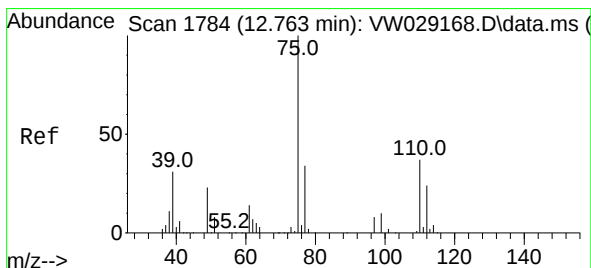
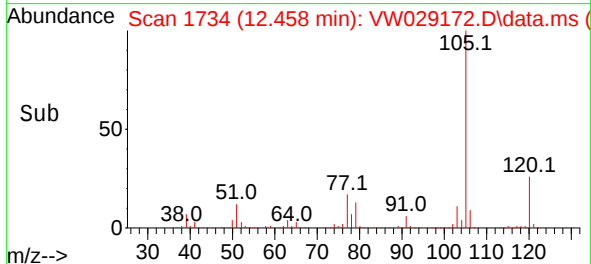
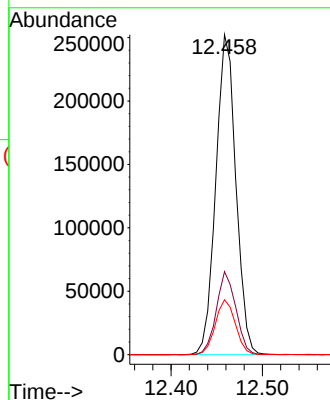
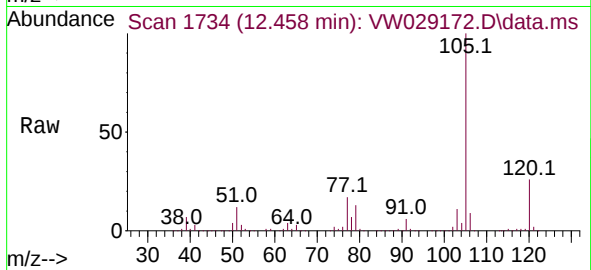




#60
Isopropylbenzene
Concen: 25.755 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

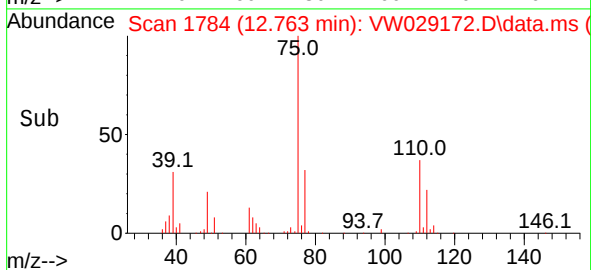
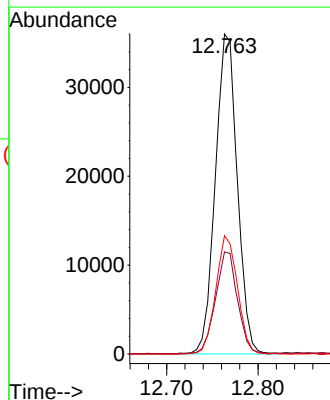
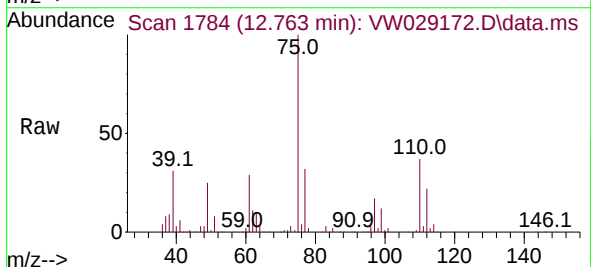
Instrument :
MSVOA_W
ClientSampleId :

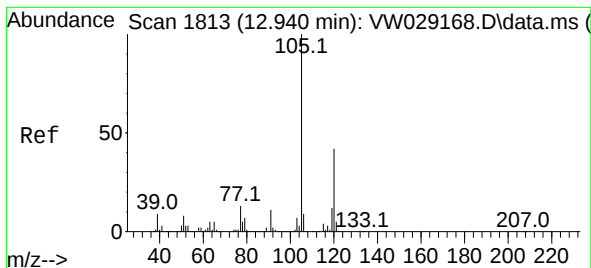
Tgt Ion:105 Resp: 385000
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 17.2 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 24.584 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Tgt Ion: 75 Resp: 60158
Ion Ratio Lower Upper
75 100
77 32.0 26.6 39.8
110 36.5 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 26.218 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

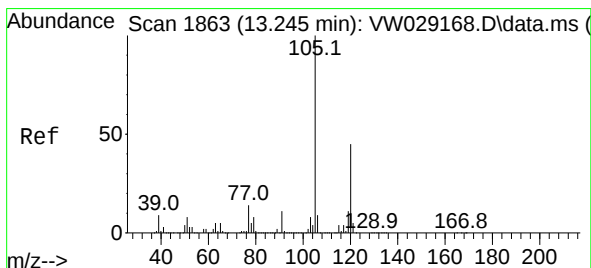
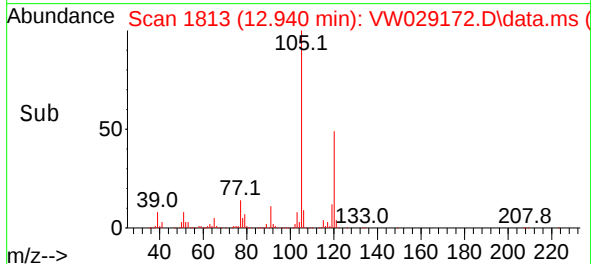
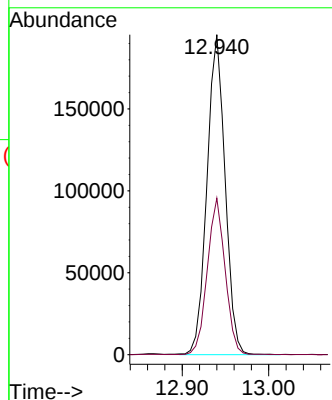
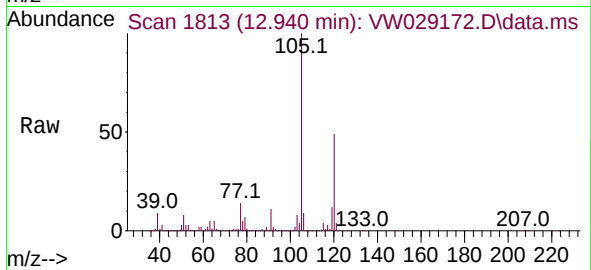
ClientSampleId :

Tgt Ion:105 Resp: 283839

Ion Ratio Lower Upper

105 100

120 47.8 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 26.596 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029172.D

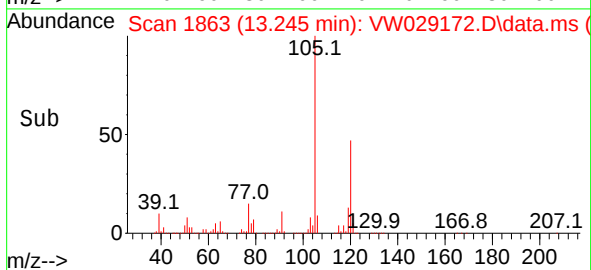
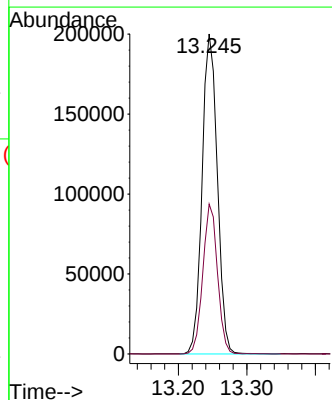
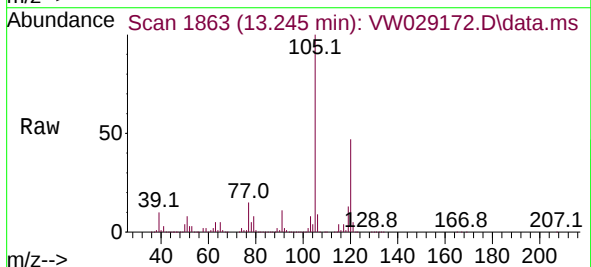
Acq: 18 Jun 2024 12:19

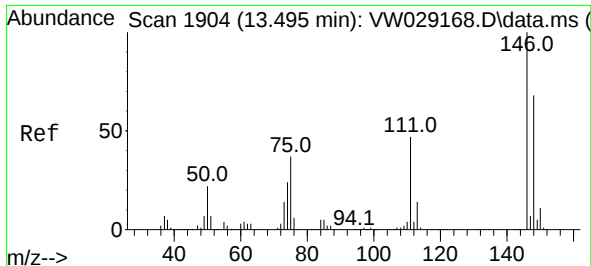
Tgt Ion:105 Resp: 309796

Ion Ratio Lower Upper

105 100

120 45.0 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 25.277 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

ClientSampleId :

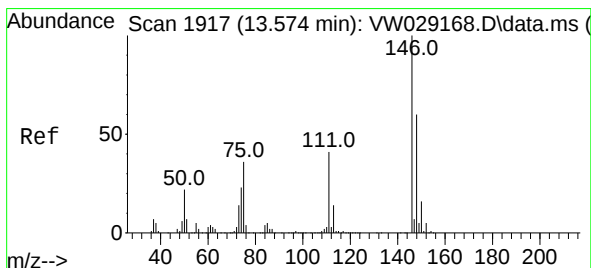
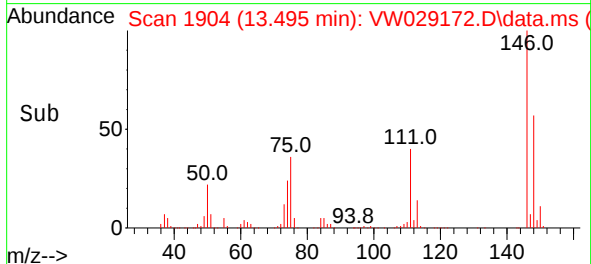
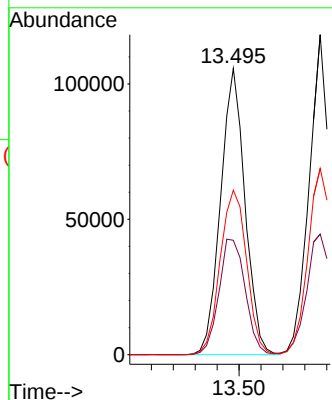
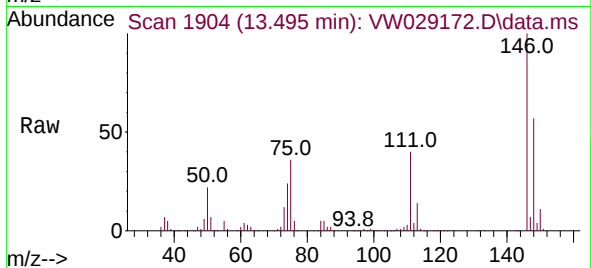
Tgt Ion:146 Resp: 163518

Ion Ratio Lower Upper

146 100

111 40.0 33.0 61.2

148 57.5 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 24.390 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

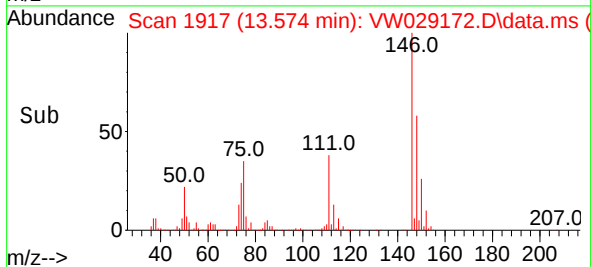
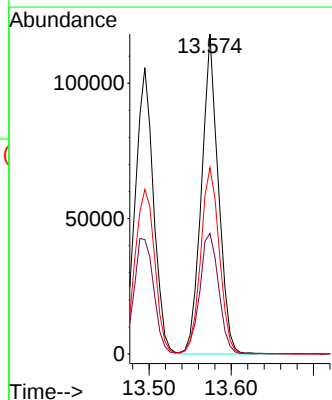
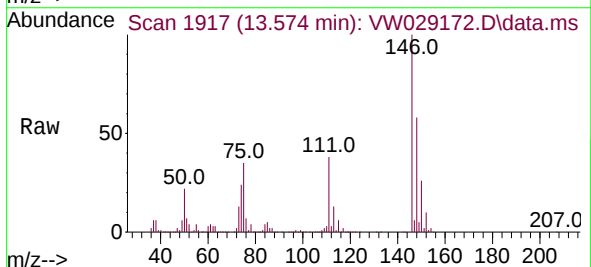
Tgt Ion:146 Resp: 167876

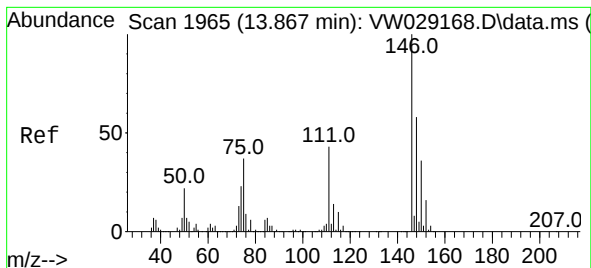
Ion Ratio Lower Upper

146 100

111 37.7 28.9 53.7

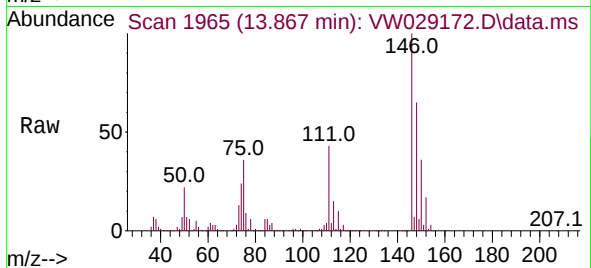
148 58.2 42.0 78.0



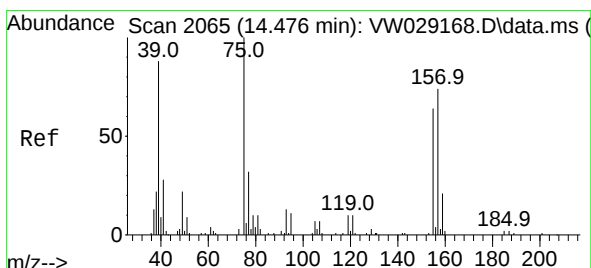
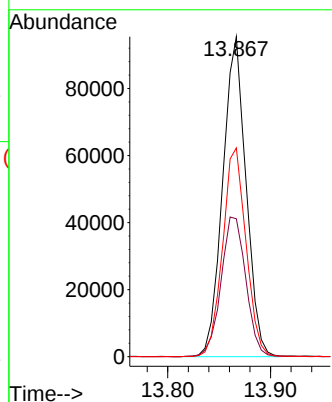
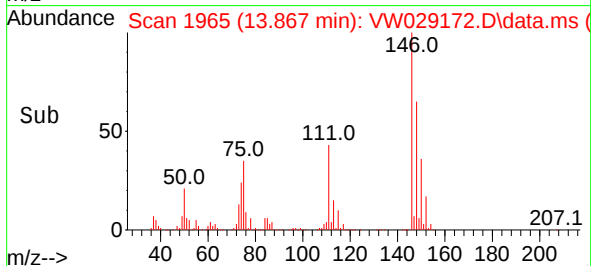


#67
1,2-Dichlorobenzene
Concen: 25.109 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

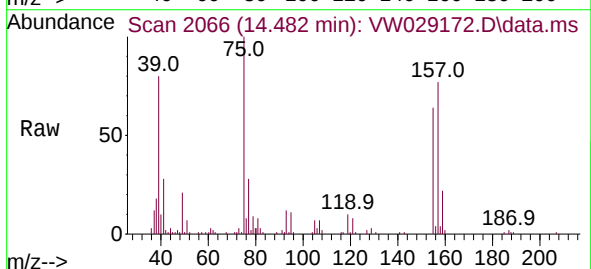
Instrument :
MSVOA_W
ClientSampleId :



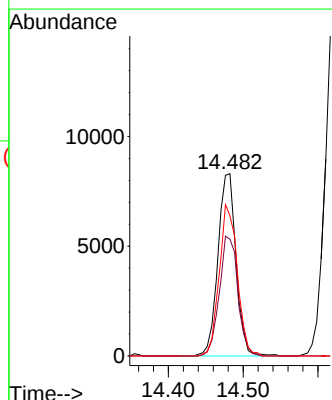
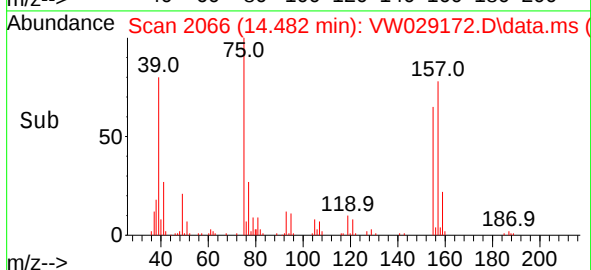
Tgt Ion:146 Resp: 150161
Ion Ratio Lower Upper
146 100
111 43.1 34.2 51.4
148 65.2 46.3 69.5

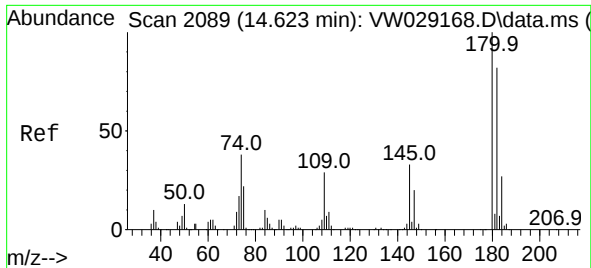


#68
1,2-Dibromo-3-chloropropane
Concen: 24.595 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19



Tgt Ion: 75 Resp: 14045
Ion Ratio Lower Upper
75 100
155 64.1 51.0 76.6
157 76.9 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 24.048 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

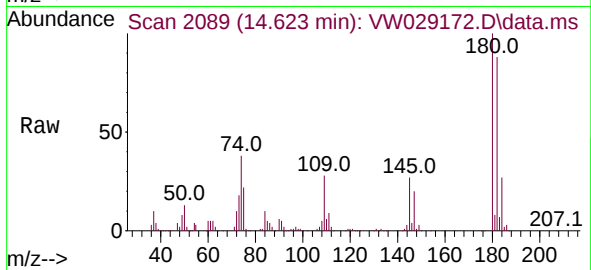
Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 104994

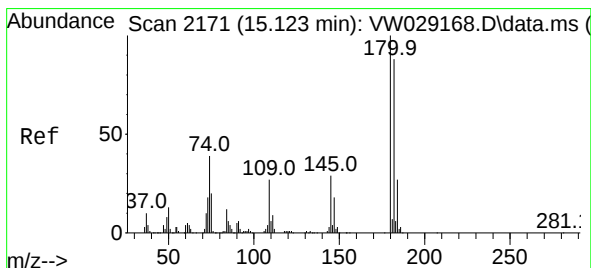
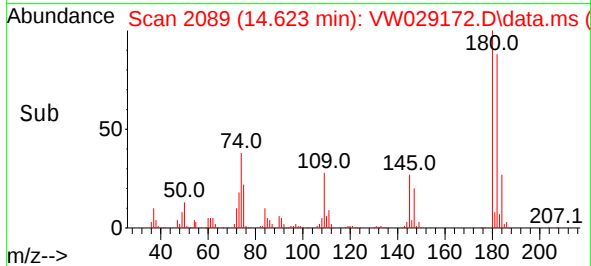
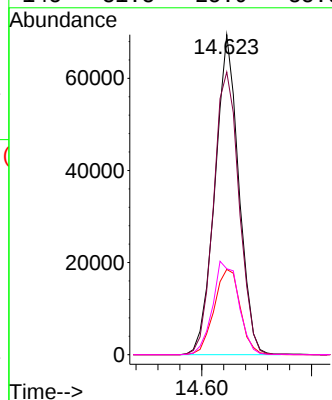
Ion Ratio Lower Upper

180 100

182 94.4 72.9 109.3

184 29.2 23.8 35.6

145 31.8 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 25.483 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029172.D

Acq: 18 Jun 2024 12:19

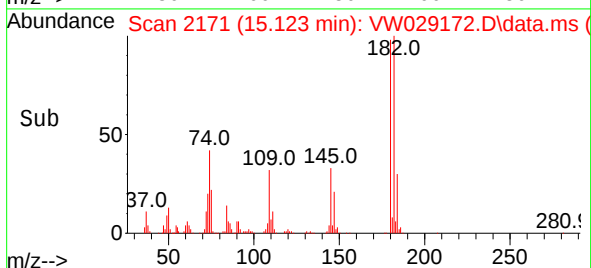
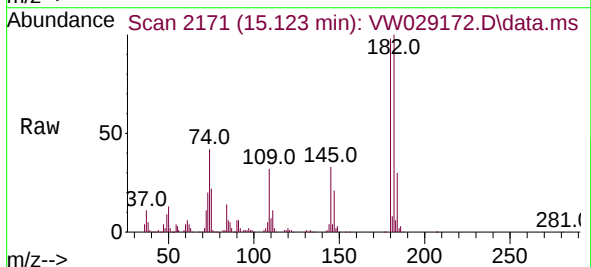
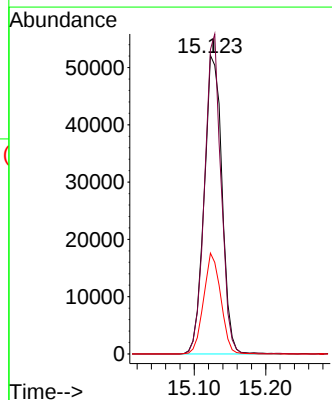
Tgt Ion:180 Resp: 90190

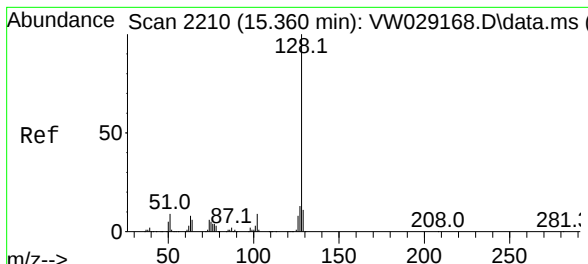
Ion Ratio Lower Upper

180 100

182 98.3 77.7 116.5

145 32.4 25.7 38.5



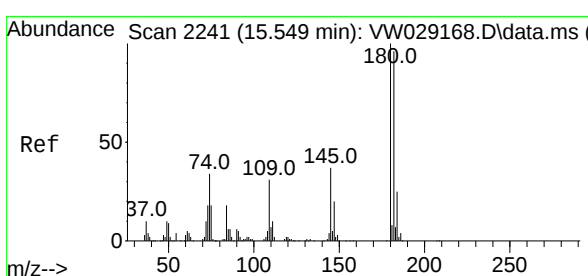
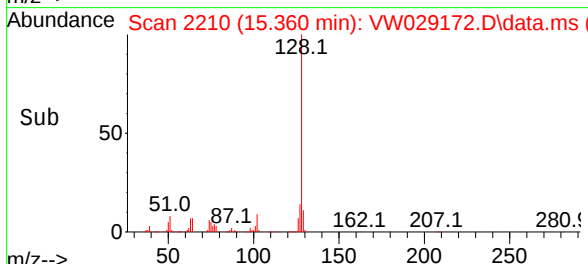
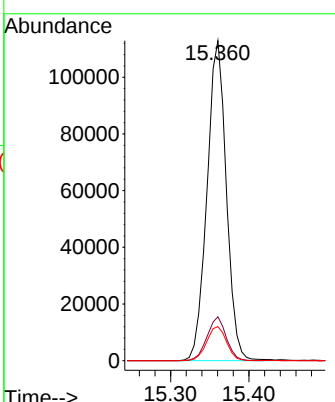
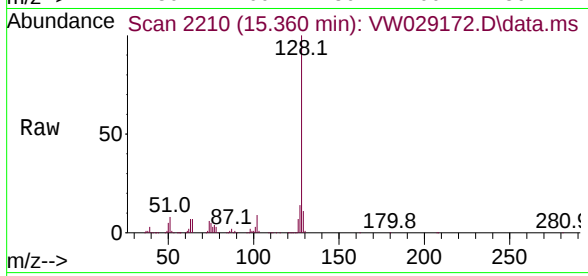


#71
Naphthalene
Concen: 27.712 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 193573

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.0	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.889 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029172.D
Acq: 18 Jun 2024 12:19

Tgt Ion:180 Resp: 83487

Ion	Ratio	Lower	Upper
180	100		
182	99.7	73.0	109.6
145	33.8	28.1	42.1

