

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030067.D
 Acq On : 28 Aug 2024 09:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:03:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 02:43:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	204303	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	186559	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93003	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	71998	23.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
7) Chloroethane-d5	2.905	69	52757	24.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	4.021	65	31744	24.438	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.760%
21) 2-Butanone-d5	7.075	46	32952	54.371	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.740%
24) Chloroform-d	7.648	84	141424	25.669	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.680%
26) 1,2-Dichloroethane-d4	8.301	65	73625	26.318	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.280%
32) Benzene-d6	8.270	84	279075	25.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.360%
36) 1,2-Dichloropropane-d6	9.270	67	86007	26.658	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.640%
41) Toluene-d8	10.319	98	255083	25.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	10.575	79	33876	25.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.120%
47) 2-Hexanone-d5	10.922	63	27168	55.020	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	65269	27.477	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	79925	23.759	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.040%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	51996	22.128	ug/L	99
3) Chloromethane	2.222	50	68604	25.115	ug/L	94
5) Vinyl chloride	2.375	62	79547	24.637	ug/L	97
6) Bromomethane	2.789	94	46678	23.264	ug/L	95
8) Chloroethane	2.936	64	45918	24.681	ug/L	97
9) Trichlorofluoromethane	3.271	101	65379	23.384	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	29108	10.882	ug/L #	10
12) 1,1-Dichloroethene	4.039	96	60685	23.173	ug/L	89
13) Acetone	4.118	43	35706	64.413	ug/L	99
14) Carbon disulfide	4.393	76	204796	25.209	ug/L	98
15) Methyl Acetate	4.667	43	29192	27.010	ug/L	97
16) Methylene chloride	4.917	84	71602	21.215	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	67490	23.303	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	97828	22.087	ug/L	98
19) 1,1-Dichloroethane	6.216	63	135011	25.087	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	72990	22.802	ug/L	92
22) 2-Butanone	7.167	43	43000	54.209	ug/L	94
23) Bromochloromethane	7.514	128	31095	22.902	ug/L	88
25) Chloroform	7.673	83	132086	23.994	ug/L	99

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 Response via : Initial Calibration

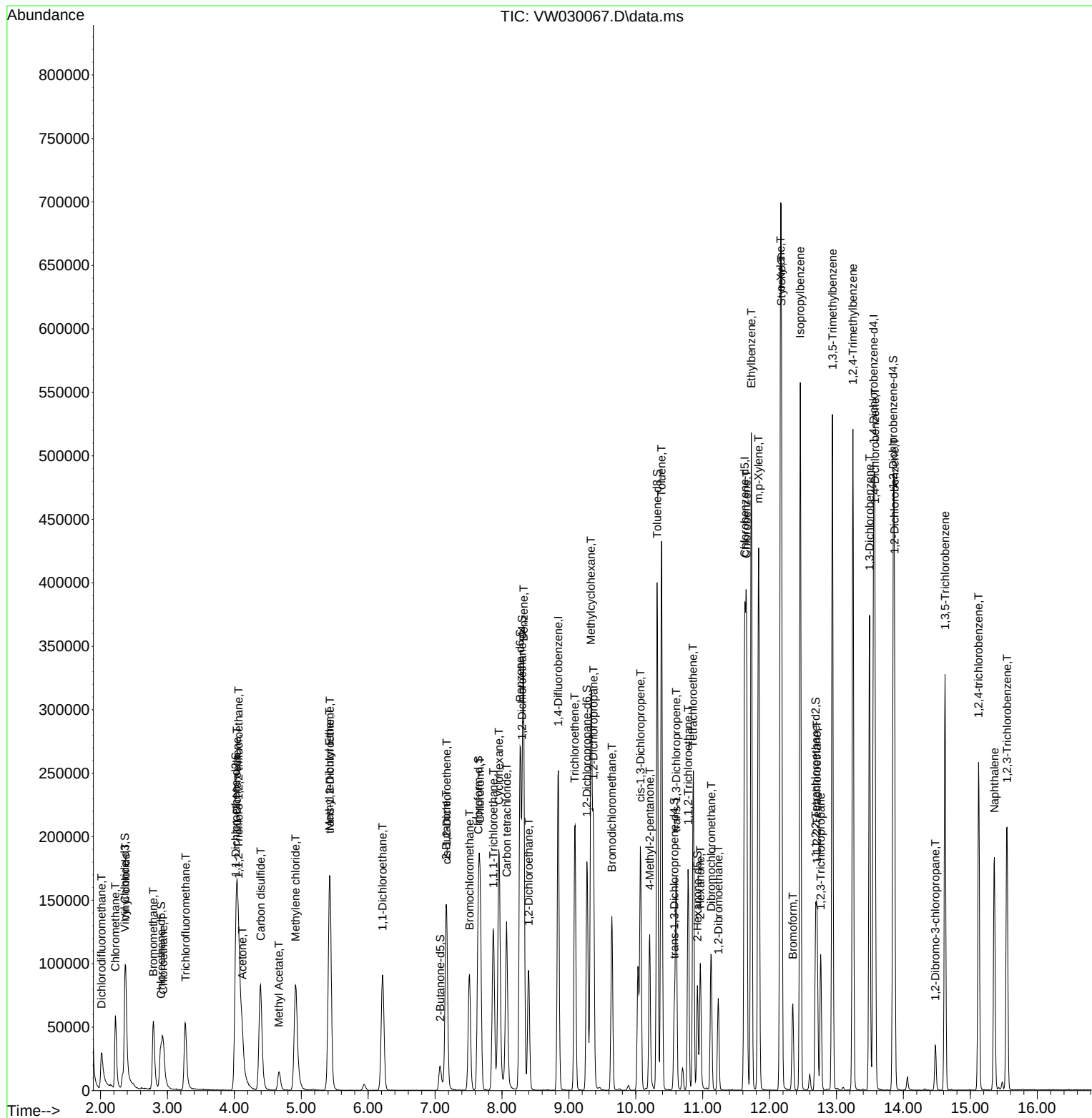
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	87063	24.708	ug/L	99
29) Cyclohexane	7.953	56	110778	24.592	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	104672	23.954	ug/L	99
31) Carbon tetrachloride	8.069	117	95856	24.417	ug/L	95
33) Benzene	8.325	78	293438	24.550	ug/L	100
34) Trichloroethene	9.087	95	74671	23.200	ug/L	98
35) Methylcyclohexane	9.331	83	128106	24.302	ug/L	96
37) 1,2-Dichloropropane	9.368	63	78500	25.935	ug/L	99
38) Bromodichloromethane	9.642	83	94013	24.617	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	115570	24.807	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	82953	55.057	ug/L	94
42) Toluene	10.386	91	308634	24.247	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	94599	25.094	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	52726	23.767	ug/L	92
46) Tetrachloroethene	10.855	164	51942	21.263	ug/L	95
48) 2-Hexanone	10.965	43	61716	57.619	ug/L	93
49) Dibromochloromethane	11.129	129	57318	24.316	ug/L	92
50) 1,2-Dibromoethane	11.233	107	47944	23.136	ug/L	91
51) Chlorobenzene	11.654	112	187065	22.984	ug/L	94
52) Ethylbenzene	11.727	91	349886	24.259	ug/L	96
53) m,p-Xylene	11.837	106	131420	24.417	ug/L	99
54) o-Xylene	12.166	106	122749	23.761	ug/L	90
55) Styrene	12.178	104	208977	24.143	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	63231	25.310	ug/L	99
59) Bromoform	12.349	173	31158	22.497	ug/L	96
60) Isopropylbenzene	12.458	105	339302	22.868	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	45153	23.878	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	270031	24.476	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	270129	23.230	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	143739	22.724	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	143409	22.443	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	127319	22.501	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9428	23.291	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	93569	22.657	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	77126	21.578	ug/L	98
71) Naphthalene	15.360	128	149685	21.931	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	70641	22.516	ug/L	97

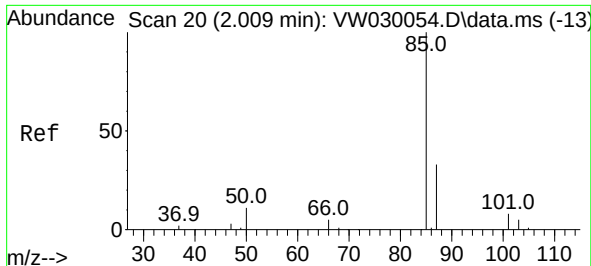
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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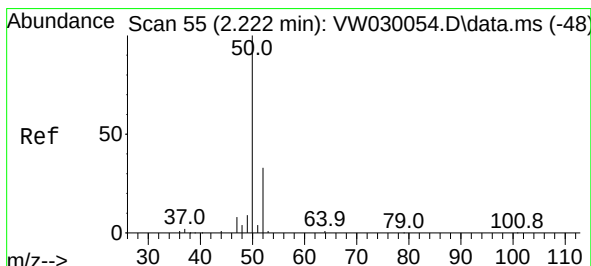
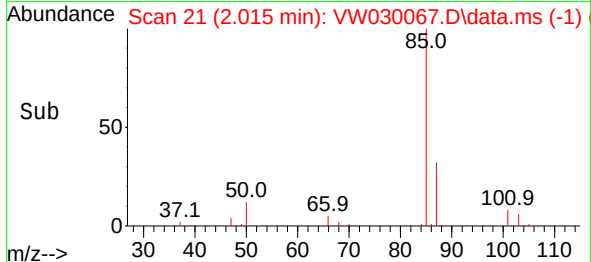
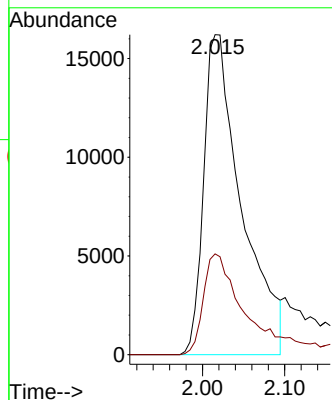
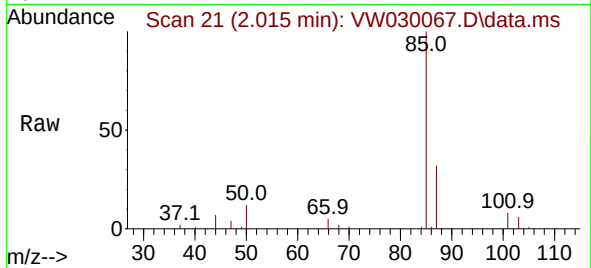




#2
Dichlorodifluoromethane
Concen: 22.128 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

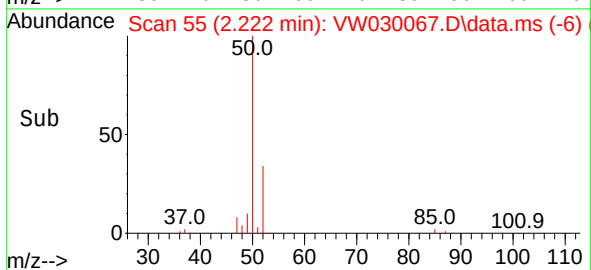
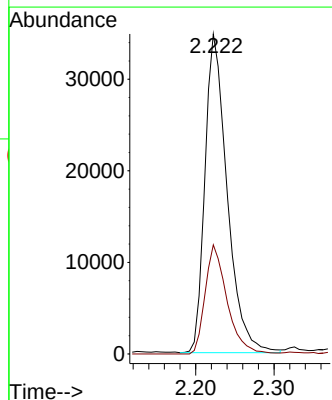
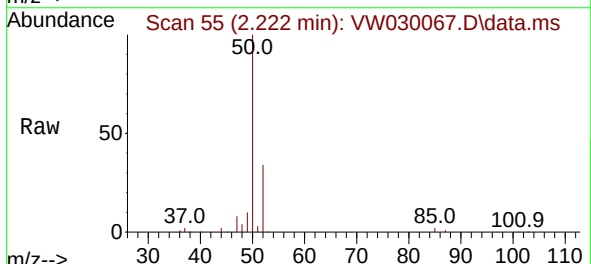
Instrument :
MSVOA_W
ClientSampleId :

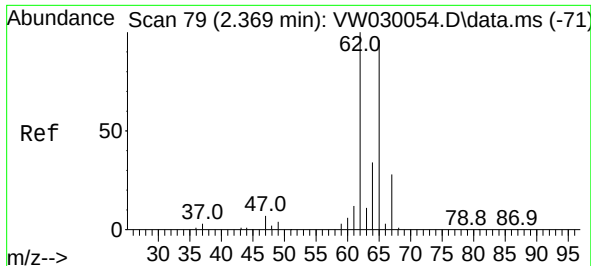
Tgt Ion: 85 Resp: 51996
Ion Ratio Lower Upper
85 100
87 29.7 24.2 36.2



#3
Chloromethane
Concen: 25.115 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

Tgt Ion: 50 Resp: 68604
Ion Ratio Lower Upper
50 100
52 34.1 21.6 40.2

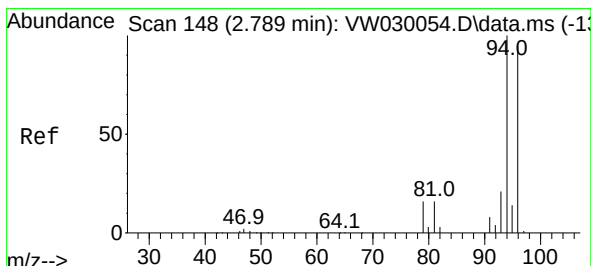
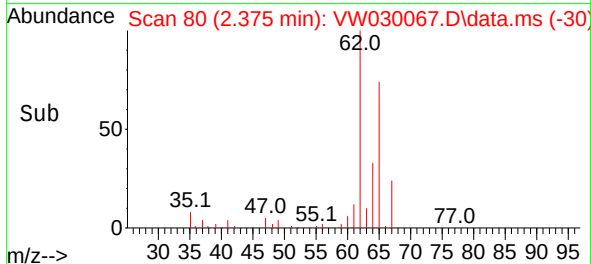
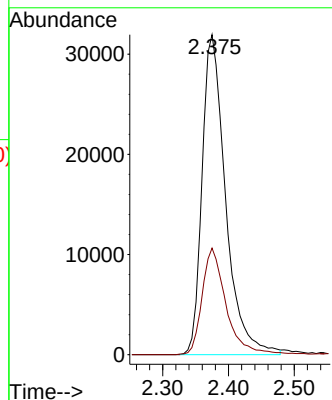
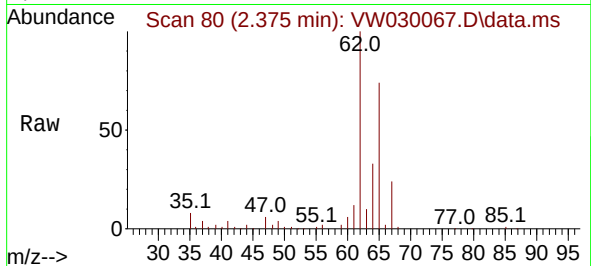




#5
 Vinyl chloride
 Concen: 24.637 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW030067.D
 Acq: 28 Aug 2024 09:33

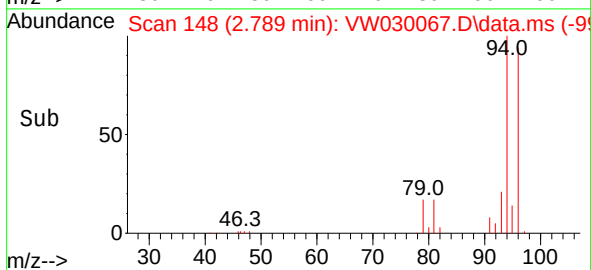
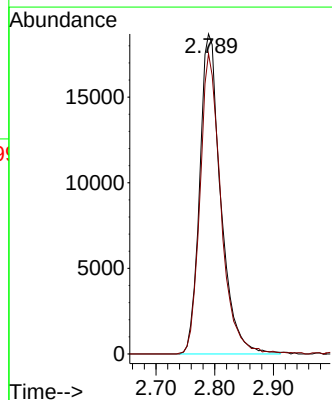
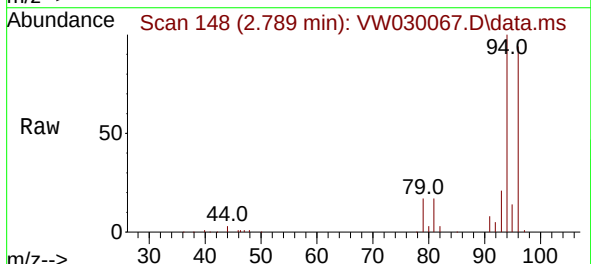
Instrument :
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 ClientSampleId :

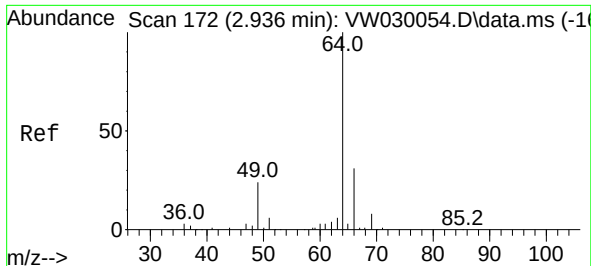
Tgt Ion: 62 Resp: 79547
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.4 45.4



#6
 Bromomethane
 Concen: 23.264 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030067.D
 Acq: 28 Aug 2024 09:33

Tgt Ion: 94 Resp: 46678
 Ion Ratio Lower Upper
 94 100
 96 93.8 62.4 115.8

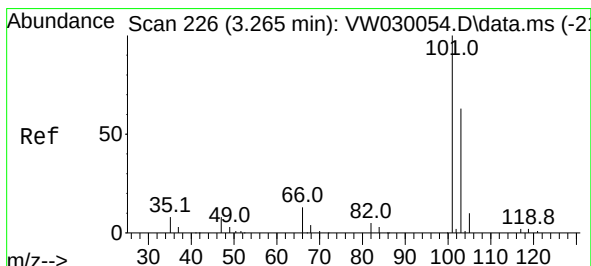
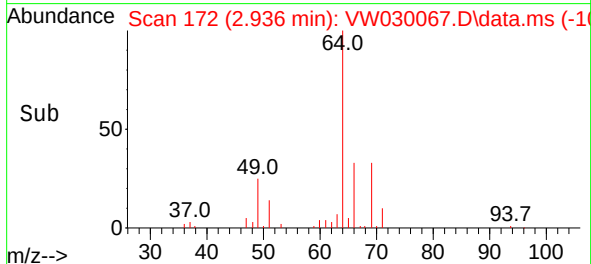
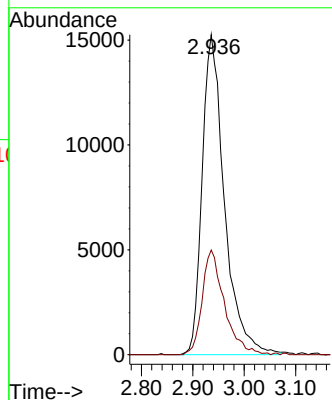
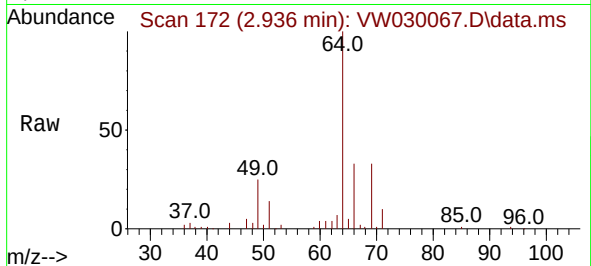




#8
Chloroethane
Concen: 24.681 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

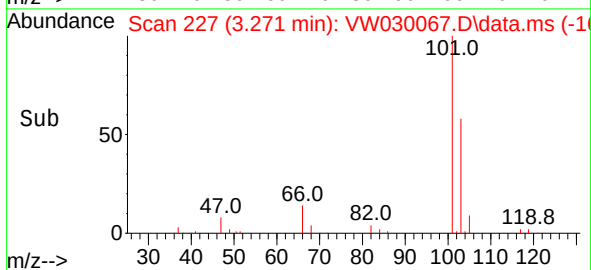
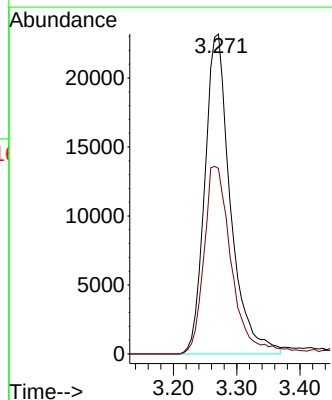
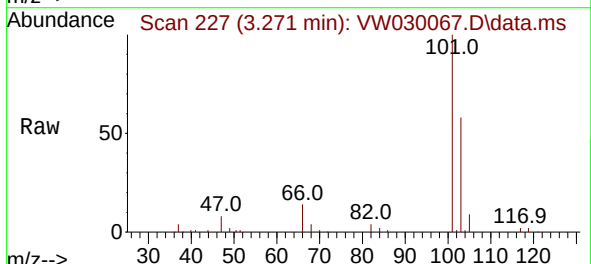
Instrument :
MSVOA_W
ClientSampleId :

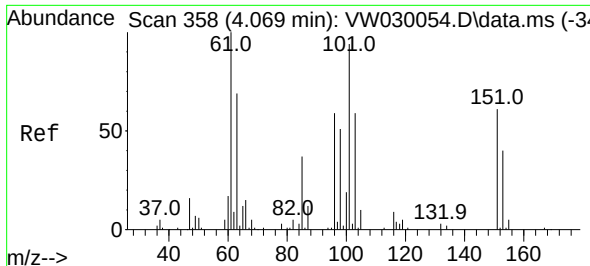
Tgt Ion: 64 Resp: 45918
Ion Ratio Lower Upper
64 100
66 32.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.384 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

Tgt Ion:101 Resp: 65379
Ion Ratio Lower Upper
101 100
103 62.4 50.7 76.1





#10

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

Concen: 10.882 ug/L

RT: 4.064 min Scan# 358

Delta R.T. -0.006 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

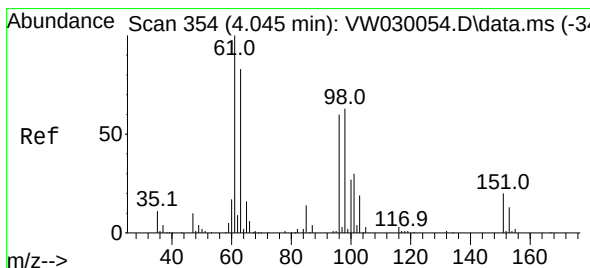
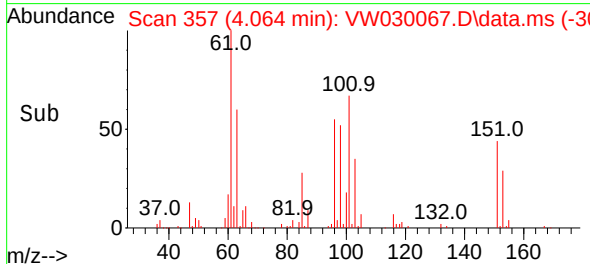
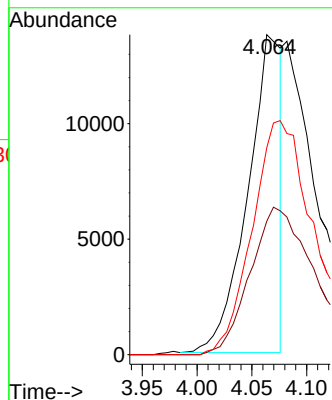
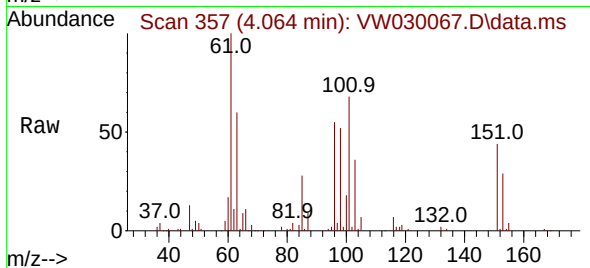
Tgt Ion:101 Resp: 29108

Ion Ratio Lower Upper

101 100

85 95.4 34.7 52.1#

151 146.6 54.8 82.2#



#12

1,1-Dichloroethene

Concen: 23.173 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

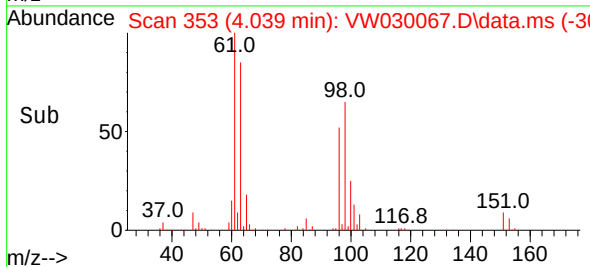
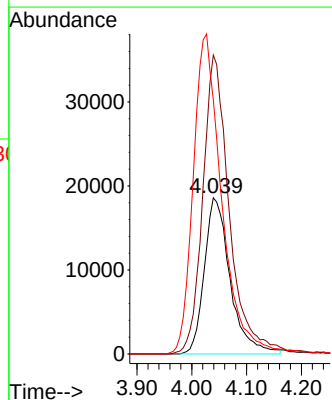
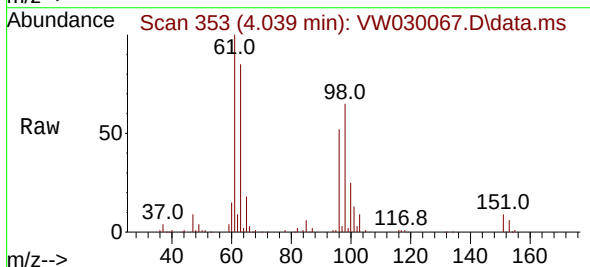
Tgt Ion: 96 Resp: 60685

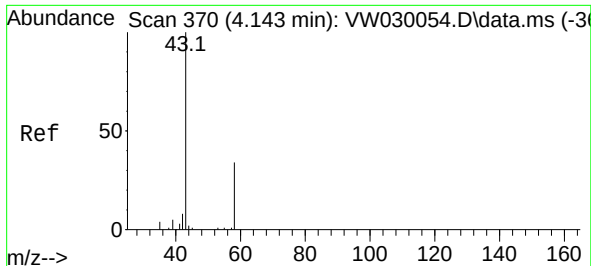
Ion Ratio Lower Upper

96 100

61 191.3 126.0 234.0

63 162.7 101.8 189.2





#13

Acetone

Concen: 64.413 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.024 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

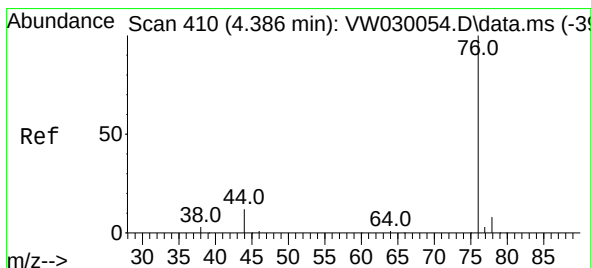
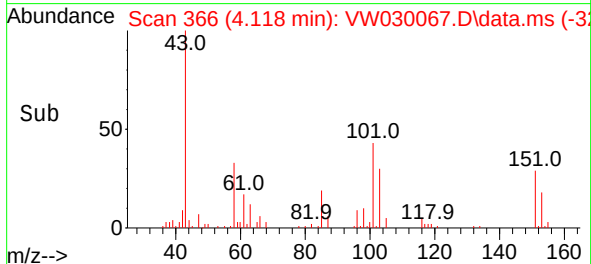
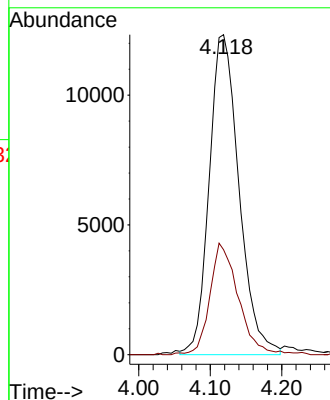
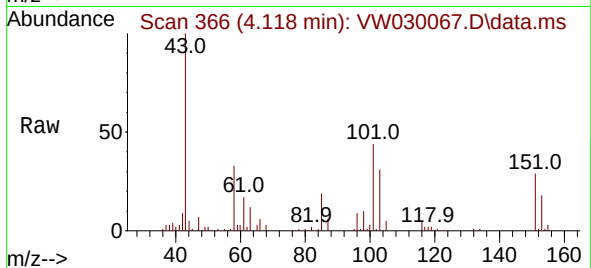
ClientSampleId :

Tgt Ion: 43 Resp: 35706

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.4



#14

Carbon disulfide

Concen: 25.209 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW030067.D

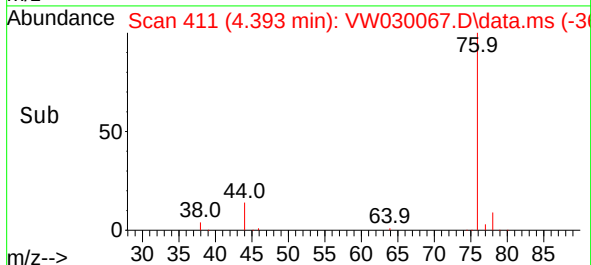
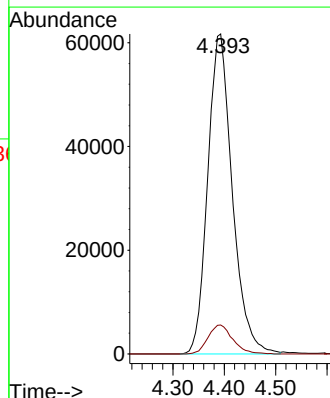
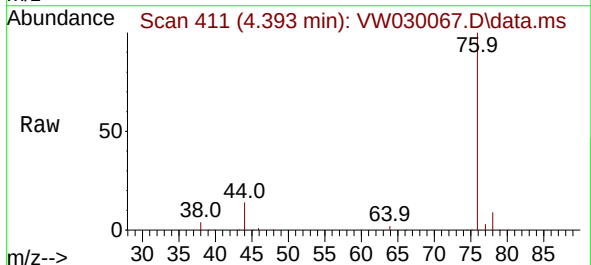
Acq: 28 Aug 2024 09:33

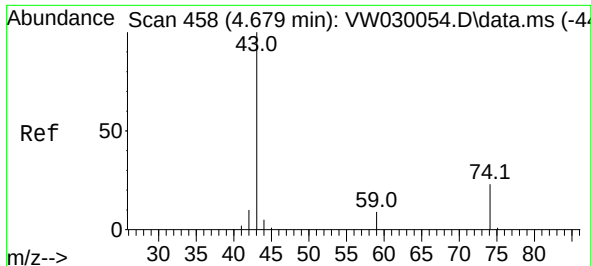
Tgt Ion: 76 Resp: 204796

Ion Ratio Lower Upper

76 100

78 9.1 6.6 9.8





#15

Methyl Acetate

Concen: 27.010 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.012 min

Lab File: VW030067.D

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Instrument :

MSVOA_W

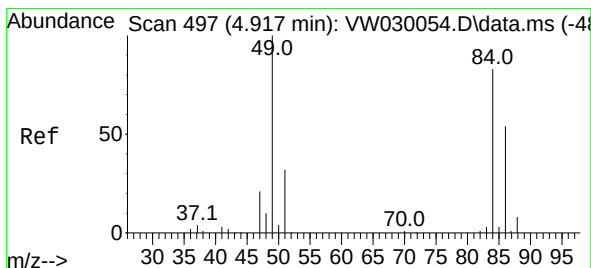
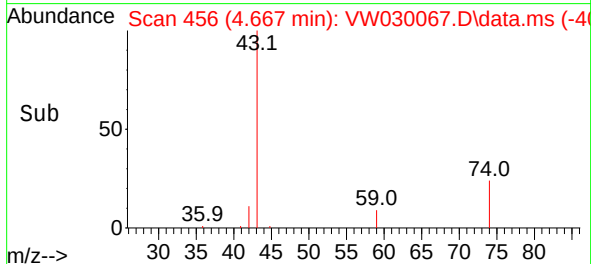
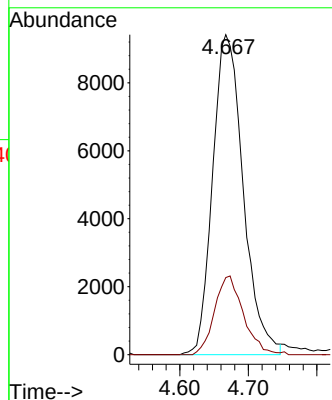
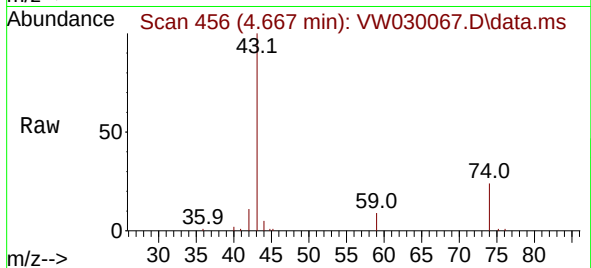
ClientSampleId :

Tgt Ion: 43 Resp: 29192

Ion Ratio Lower Upper

43 100

74 23.2 19.9 29.9



#16

Methylene chloride

Concen: 21.215 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

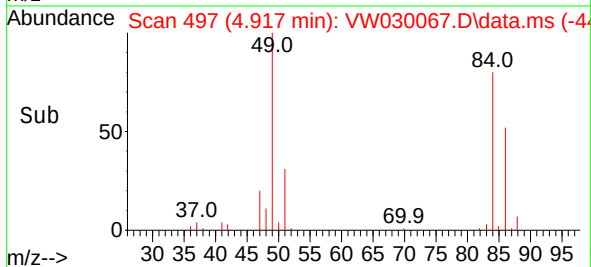
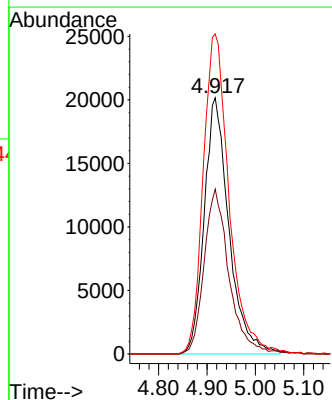
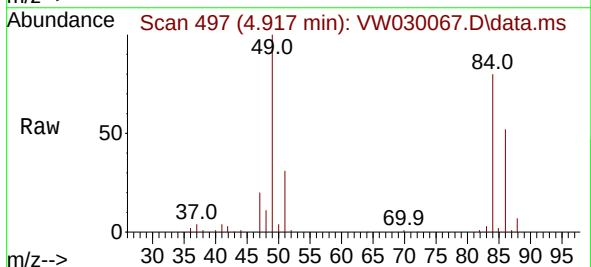
Tgt Ion: 84 Resp: 71602

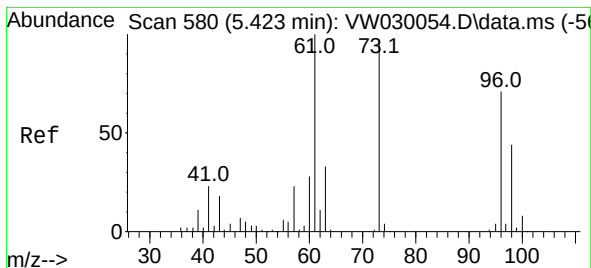
Ion Ratio Lower Upper

84 100

86 64.3 44.2 82.2

49 124.9 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 23.303 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

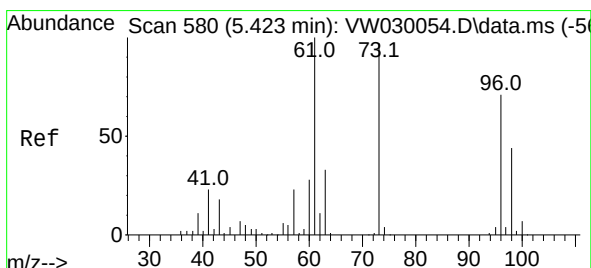
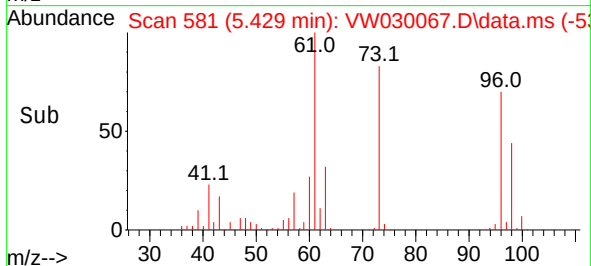
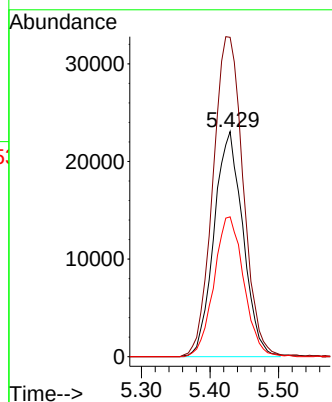
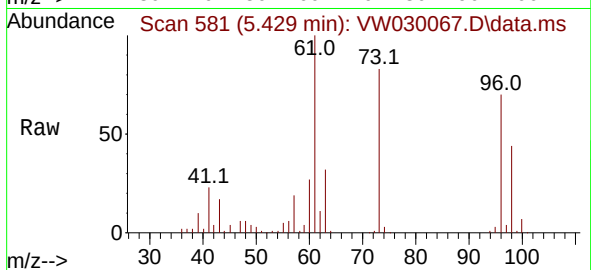
Tgt Ion: 96 Resp: 67490

Ion Ratio Lower Upper

96 100

61 141.9 98.3 182.7

98 62.1 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 22.087 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

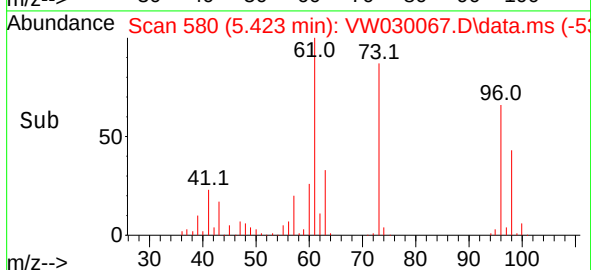
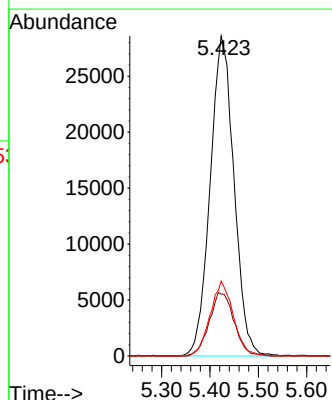
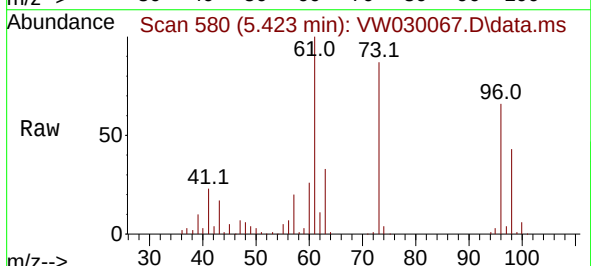
Tgt Ion: 73 Resp: 97828

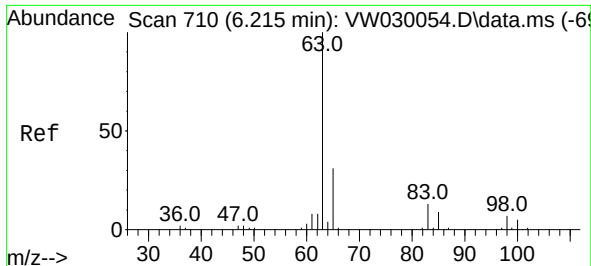
Ion Ratio Lower Upper

73 100

43 20.6 15.4 23.2

57 22.6 17.4 26.0





#19

1,1-Dichloroethane

Concen: 25.087 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

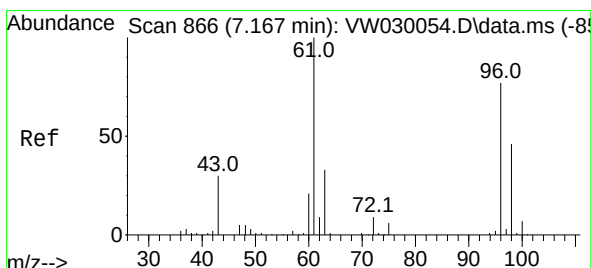
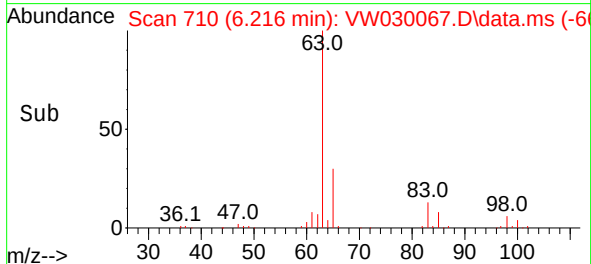
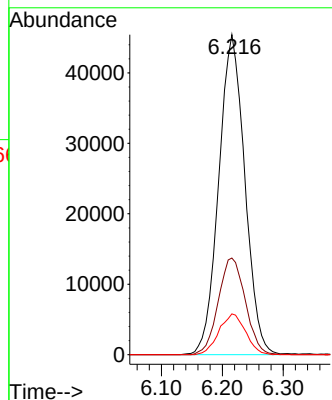
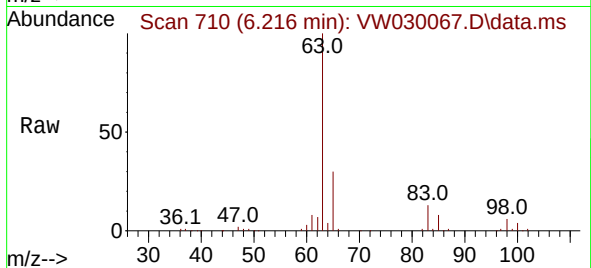
Tgt Ion: 63 Resp: 135011

Ion Ratio Lower Upper

63 100

65 30.2 21.6 40.0

83 12.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 22.802 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

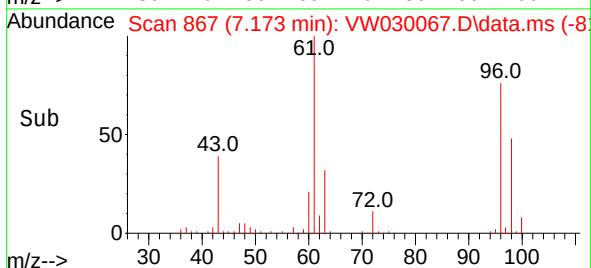
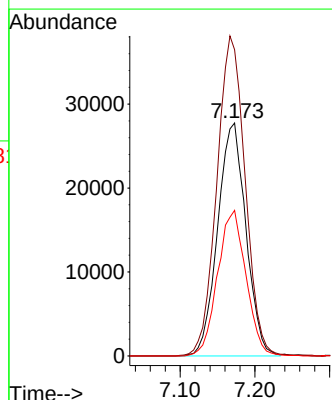
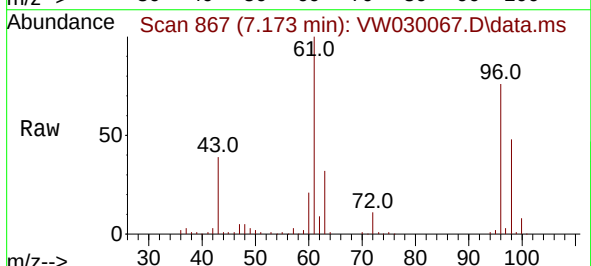
Tgt Ion: 96 Resp: 72990

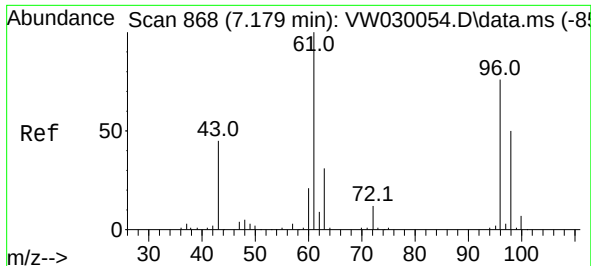
Ion Ratio Lower Upper

96 100

61 131.4 99.6 185.0

98 62.5 46.5 86.5





#22

2-Butanone

Concen: 54.209 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.012 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

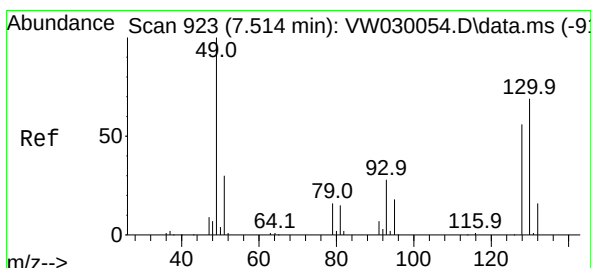
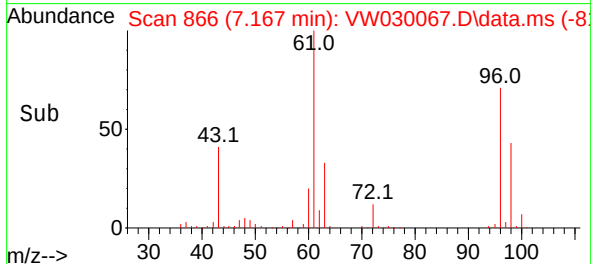
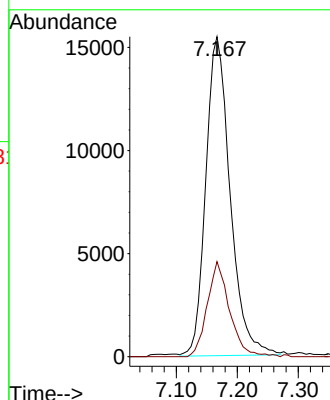
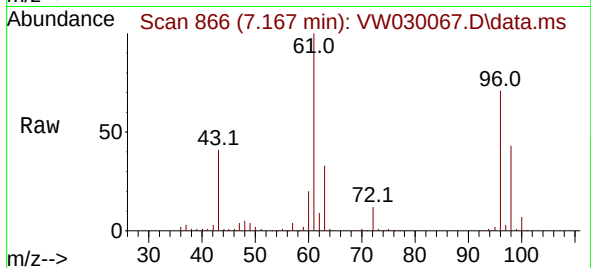
ClientSampleId :

Tgt Ion: 43 Resp: 43000

Ion Ratio Lower Upper

43 100

72 27.0 15.0 45.1



#23

Bromochloromethane

Concen: 22.902 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Tgt Ion: 128 Resp: 31095

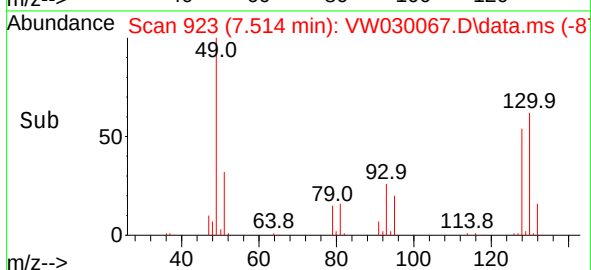
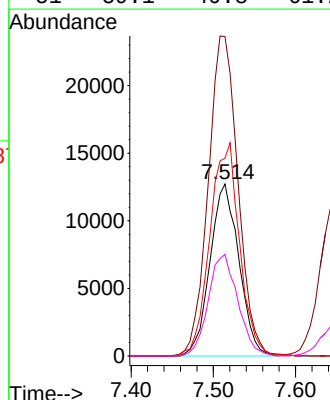
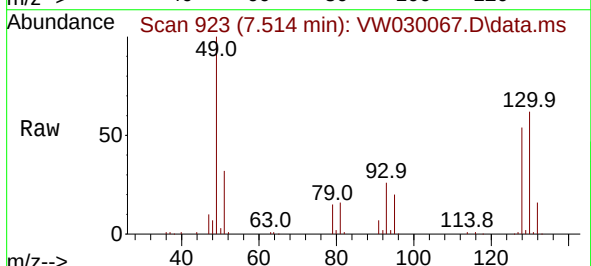
Ion Ratio Lower Upper

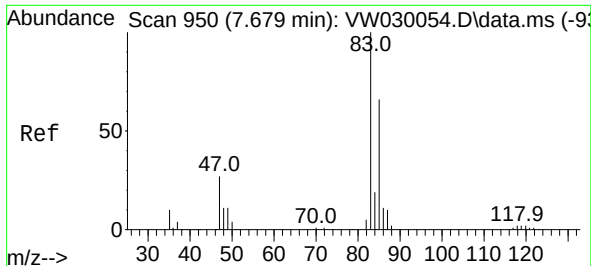
128 100

49 185.6 117.3 217.9

130 114.9 89.3 165.9

51 59.1 40.8 61.2





#25

Chloroform

Concen: 23.994 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

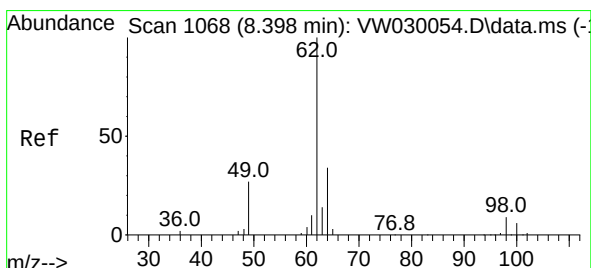
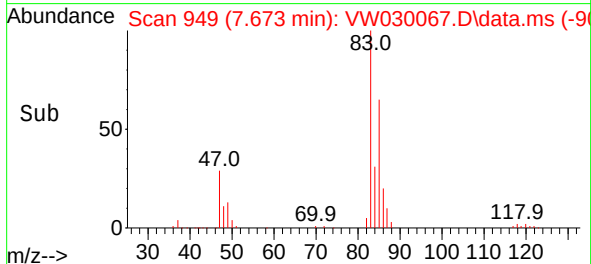
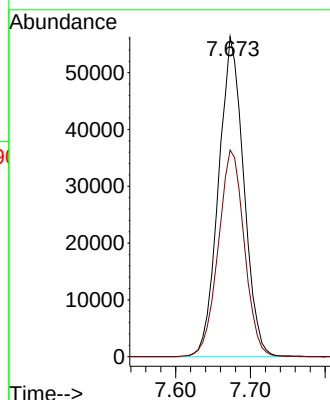
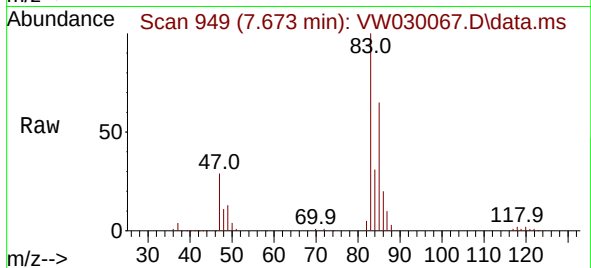
ClientSampleId :

Tgt Ion: 83 Resp: 132086

Ion Ratio Lower Upper

83 100

85 64.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.708 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030067.D

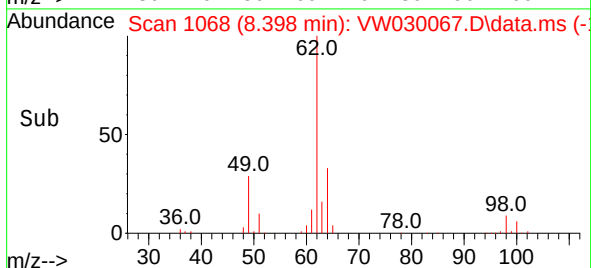
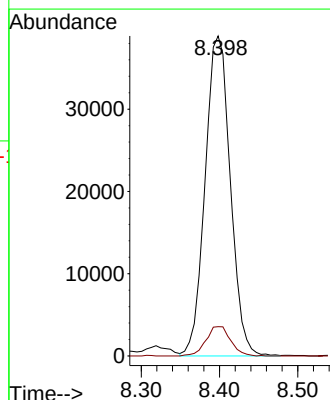
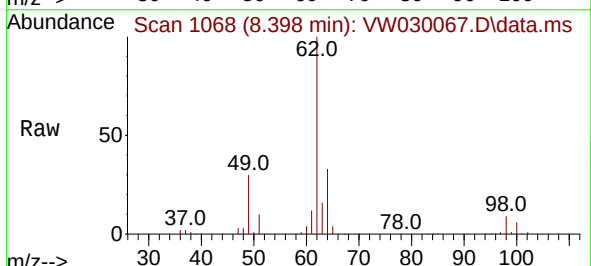
Acq: 28 Aug 2024 09:33

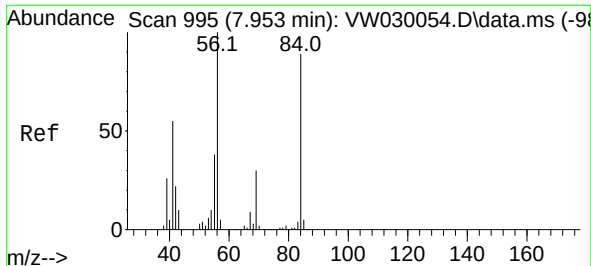
Tgt Ion: 62 Resp: 87063

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5





#29

Cyclohexane

Concen: 24.592 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

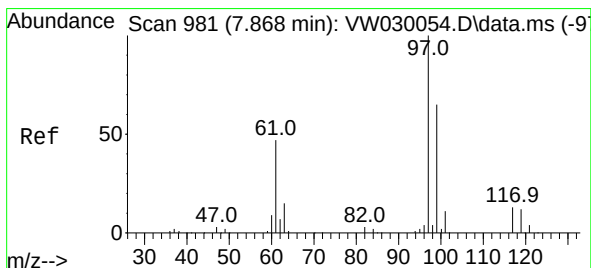
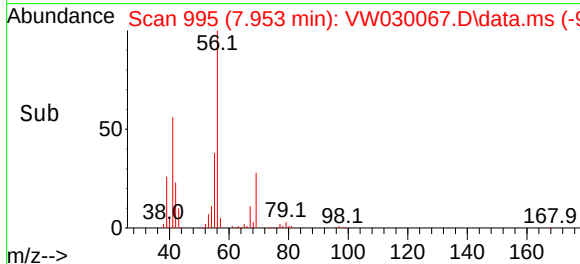
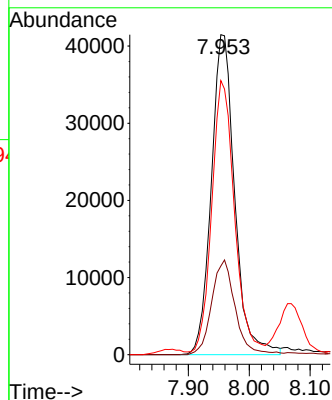
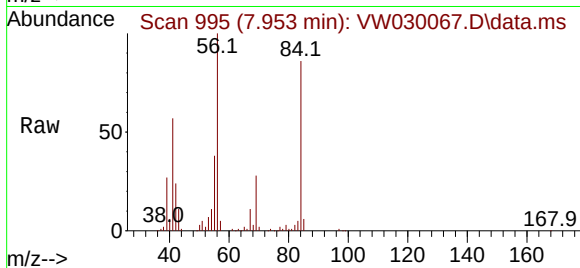
Tgt Ion: 56 Resp: 110778

Ion Ratio Lower Upper

56 100

69 29.4 24.4 36.6

84 82.8 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 23.954 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

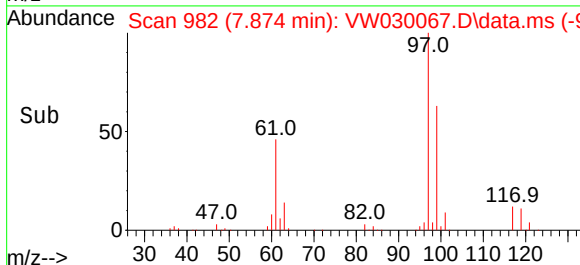
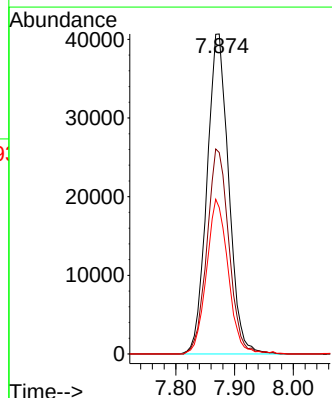
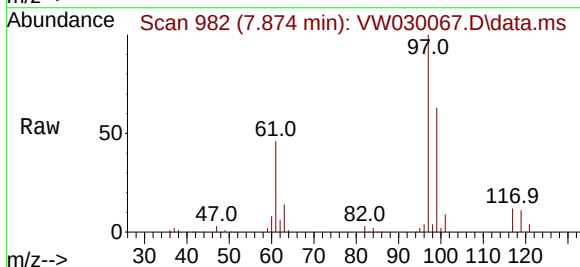
Tgt Ion: 97 Resp: 104672

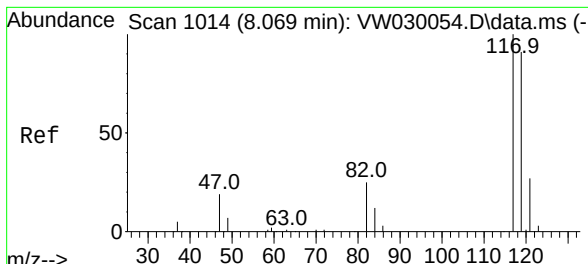
Ion Ratio Lower Upper

97 100

99 64.8 51.7 77.5

61 48.0 37.2 55.8

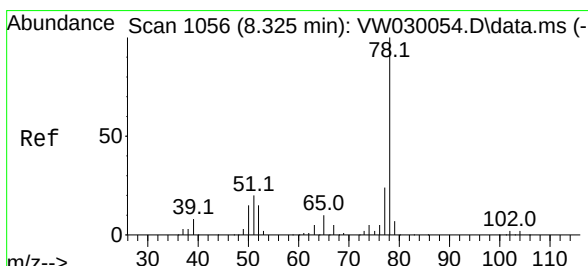
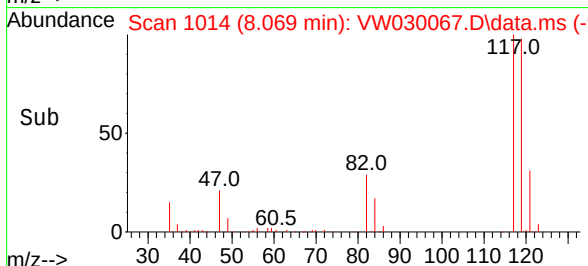
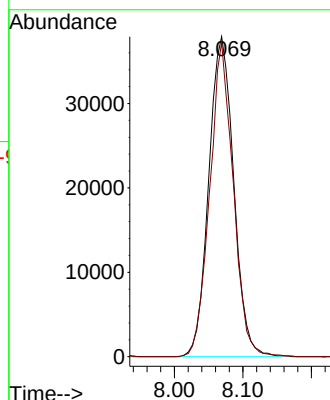
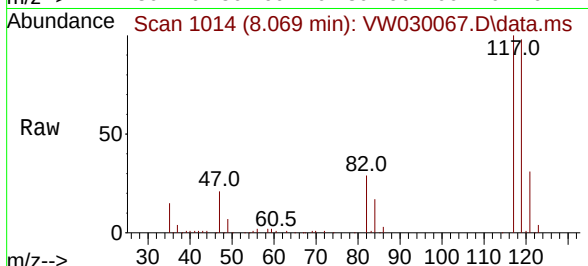




#31
Carbon tetrachloride
Concen: 24.417 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

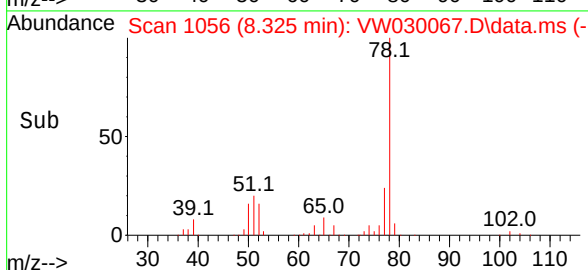
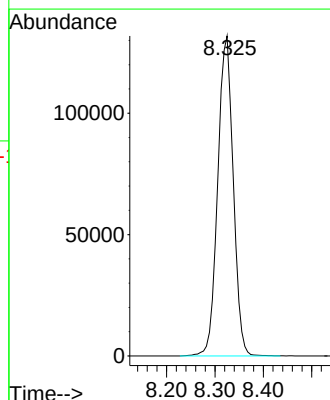
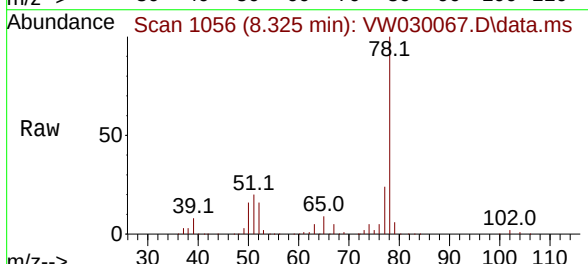
Instrument :
MSVOA_W
ClientSampleId :

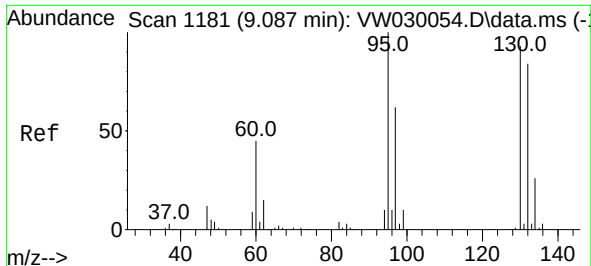
Tgt Ion:117 Resp: 95856
Ion Ratio Lower Upper
117 100
119 92.4 77.7 116.5



#33
Benzene
Concen: 24.550 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

Tgt Ion: 78 Resp: 293438

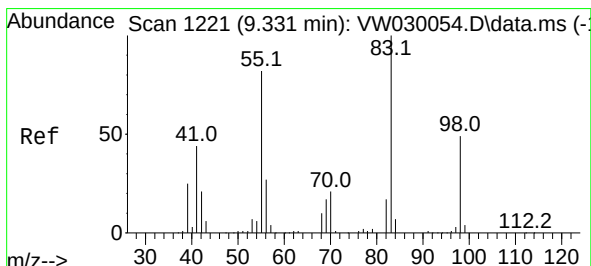
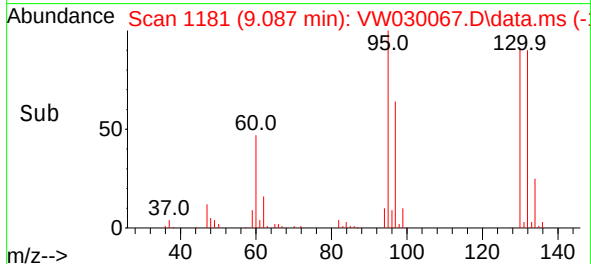
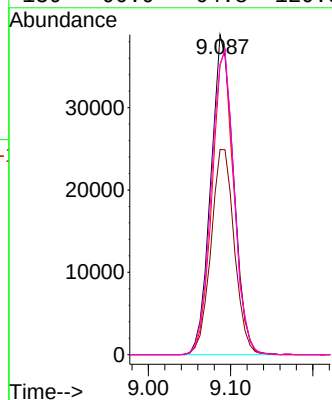
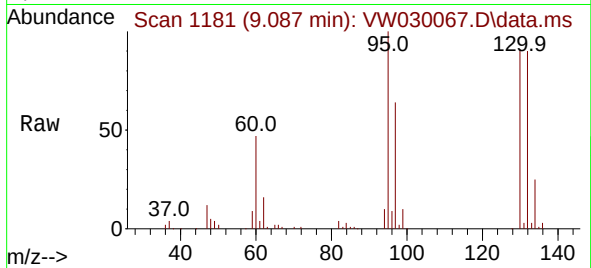




#34
 Trichloroethene
 Concen: 23.200 ug/L
 RT: 9.087 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VW030067.D
 Acq: 28 Aug 2024 09:33

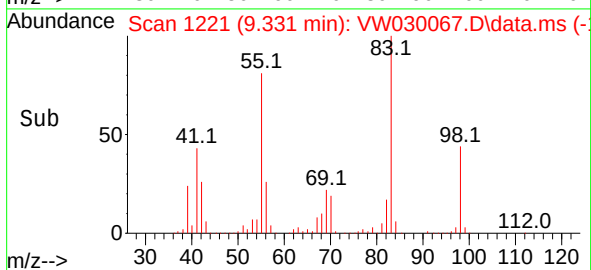
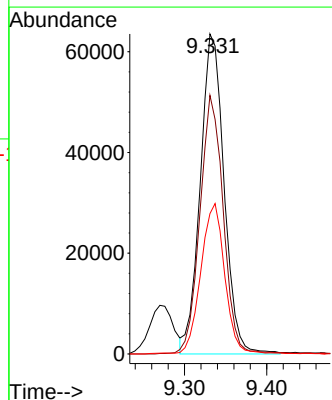
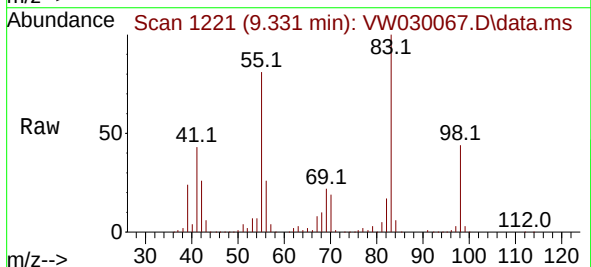
Instrument :
 MSVOA_W
 ClientSampleId :

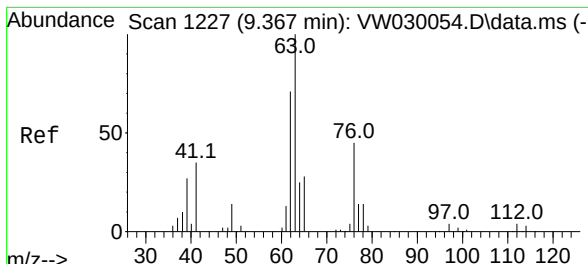
Tgt Ion: 95 Resp: 74671
 Ion Ratio Lower Upper
 95 100
 97 64.1 43.3 80.5
 132 90.4 63.6 118.0
 130 90.9 64.8 120.3



#35
 Methylcyclohexane
 Concen: 24.302 ug/L
 RT: 9.331 min Scan# 1221
 Delta R.T. 0.000 min
 Lab File: VW030067.D
 Acq: 28 Aug 2024 09:33

Tgt Ion: 83 Resp: 128106
 Ion Ratio Lower Upper
 83 100
 55 79.1 59.0 88.6
 98 46.9 38.2 57.4

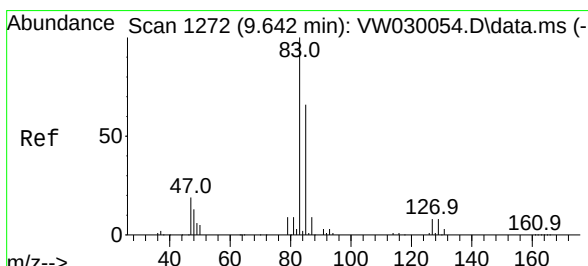
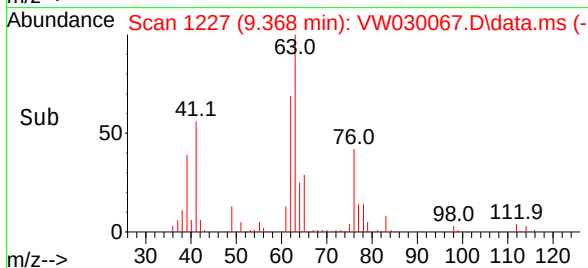
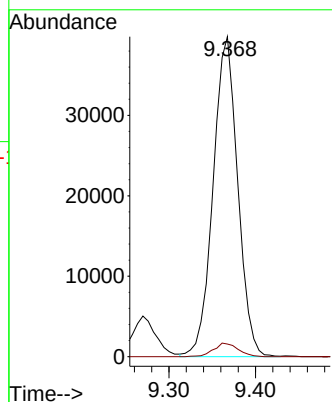
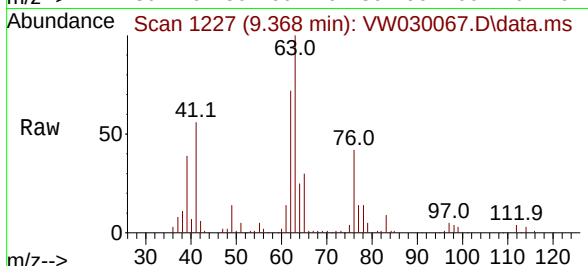




#37
 1,2-Dichloropropane
 Concen: 25.935 ug/L
 RT: 9.368 min Scan# 1227
 Delta R.T. 0.000 min
 Lab File: VW030067.D
 Acq: 28 Aug 2024 09:33

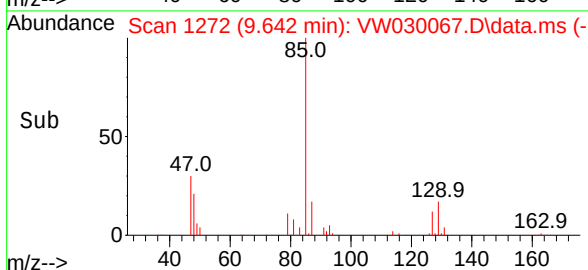
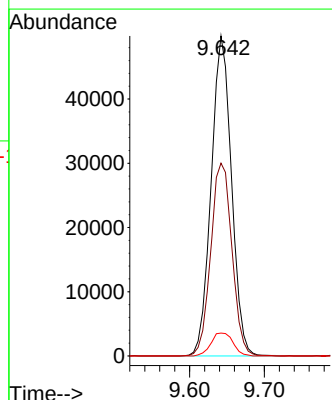
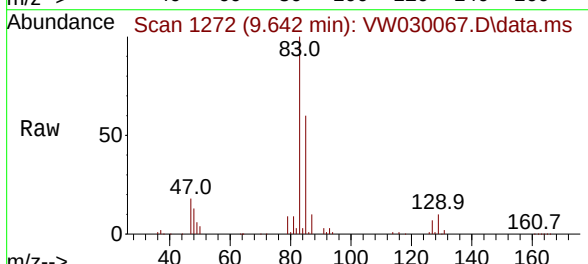
Instrument :
 MSVOA_W
 ClientSampleId :

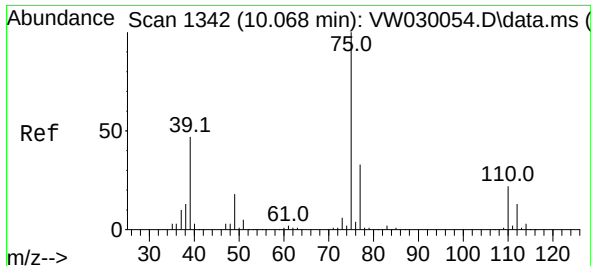
Tgt Ion: 63 Resp: 78500
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.7 5.5



#38
 Bromodichloromethane
 Concen: 24.617 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VW030067.D
 Acq: 28 Aug 2024 09:33

Tgt Ion: 83 Resp: 94013
 Ion Ratio Lower Upper
 83 100
 85 60.3 42.9 79.7
 127 7.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 24.807 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

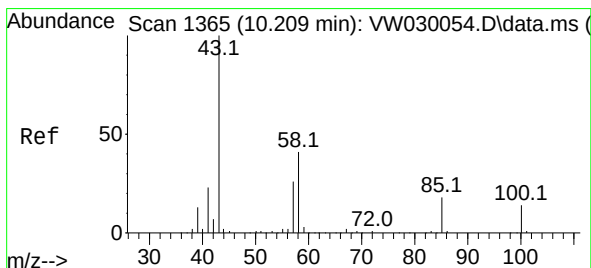
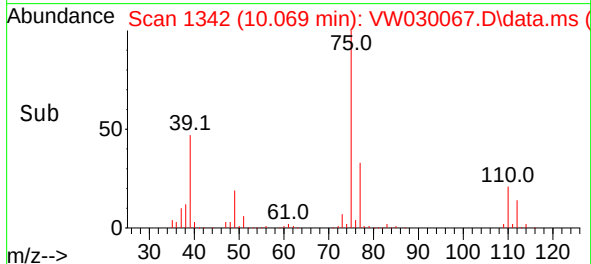
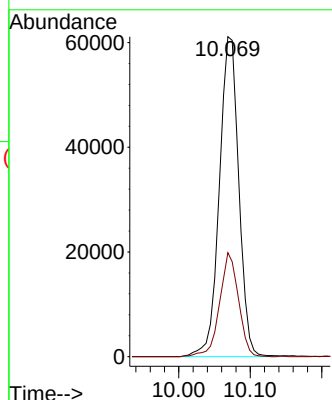
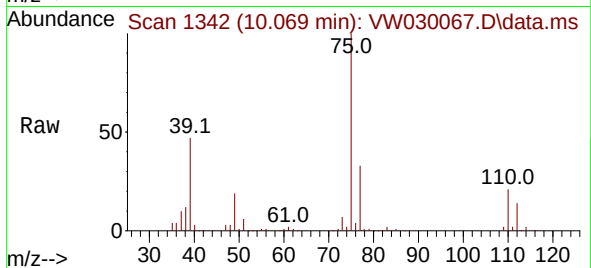
ClientSampleId :

Tgt Ion: 75 Resp: 115570

Ion Ratio Lower Upper

75 100

77 32.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 55.057 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

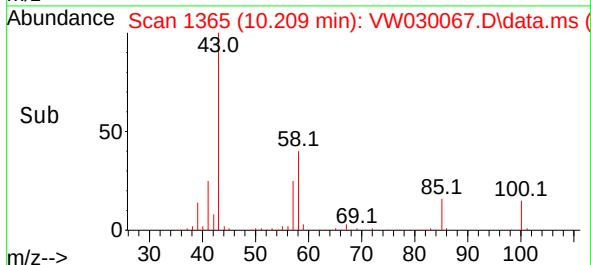
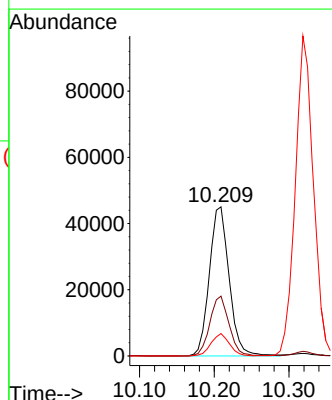
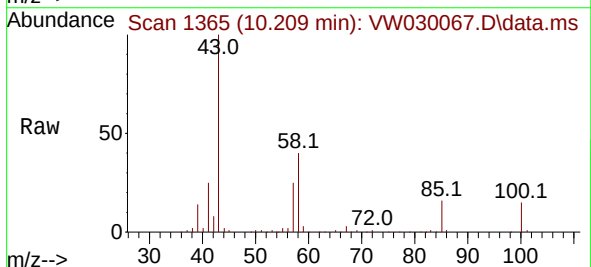
Tgt Ion: 43 Resp: 82953

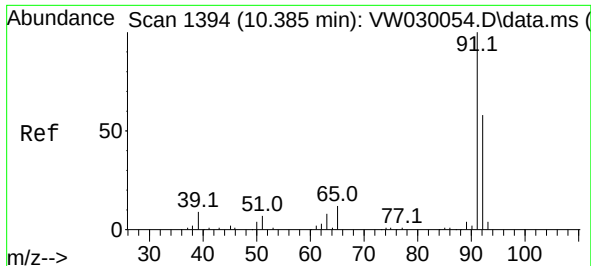
Ion Ratio Lower Upper

43 100

58 38.6 34.0 51.0

100 14.0 13.5 20.3





#42

Toluene

Concen: 24.247 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

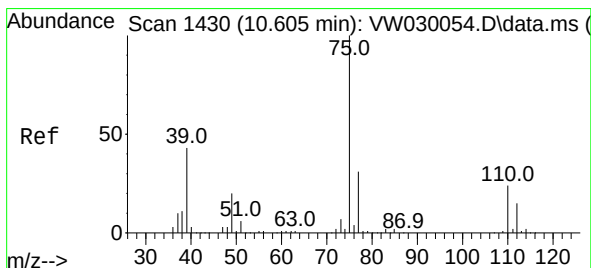
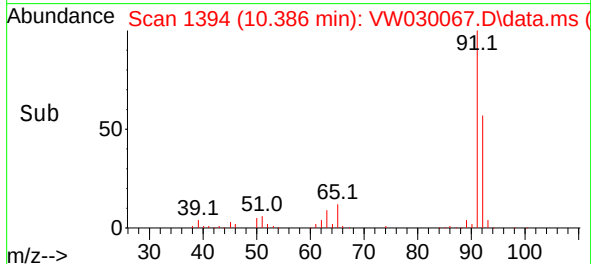
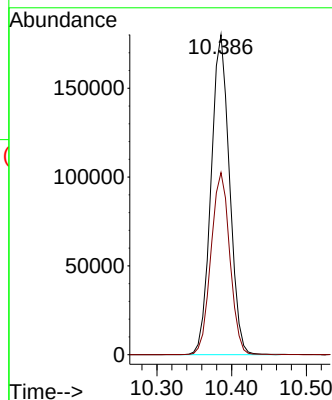
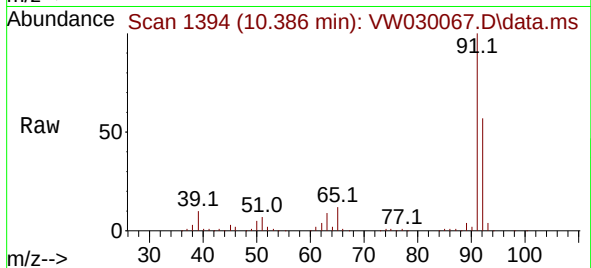
ClientSampleId :

Tgt Ion: 91 Resp: 308634

Ion Ratio Lower Upper

91 100

92 56.9 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.094 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030067.D

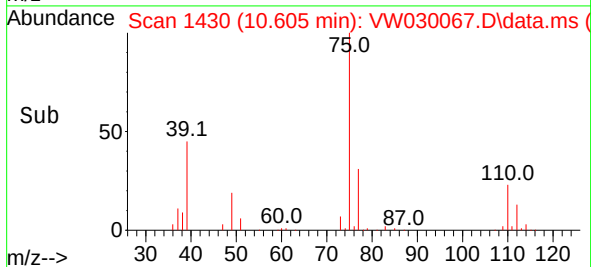
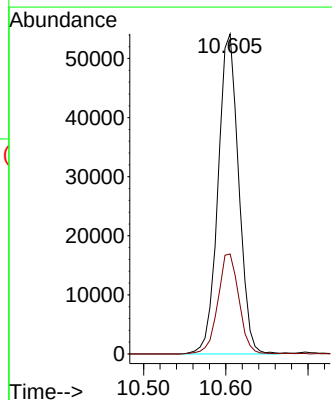
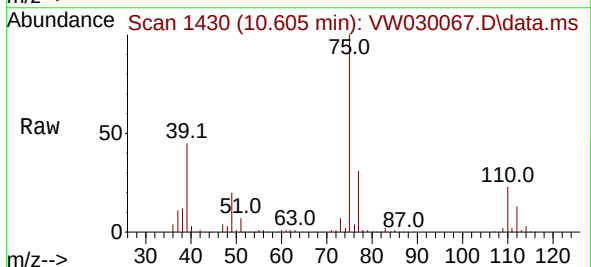
Acq: 28 Aug 2024 09:33

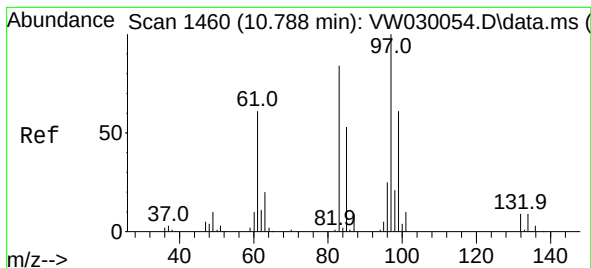
Tgt Ion: 75 Resp: 94599

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 23.767 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 52726

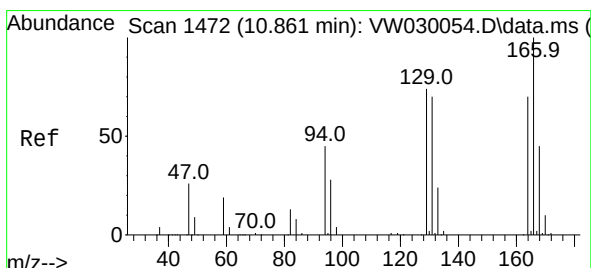
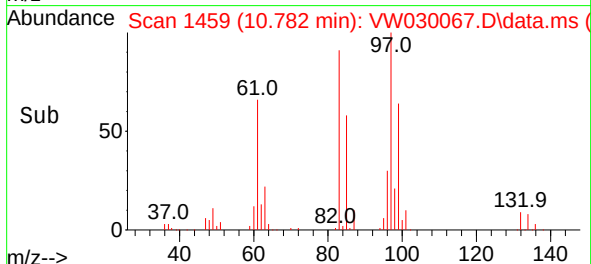
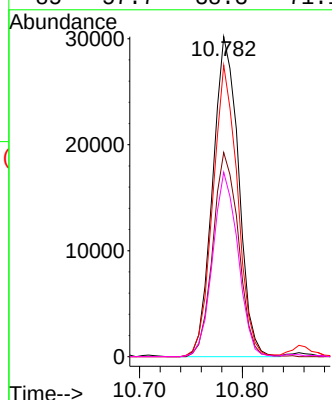
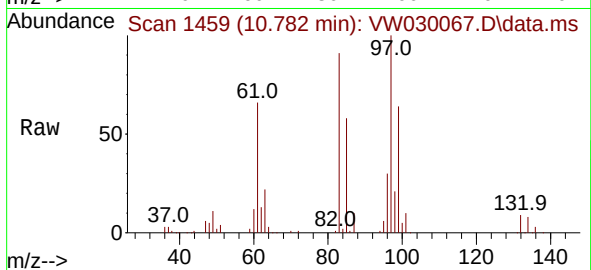
Ion Ratio Lower Upper

97 100

99 63.8 40.3 74.8

83 91.1 58.0 107.6

85 57.7 38.3 71.1



#46

Tetrachloroethene

Concen: 21.263 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Tgt Ion:164 Resp: 51942

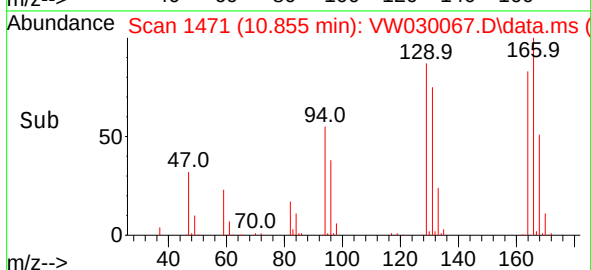
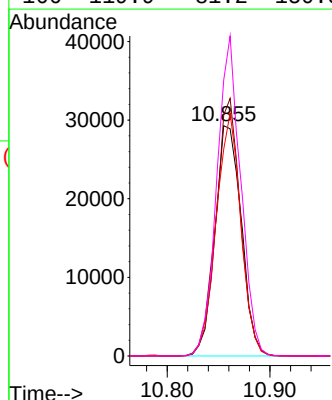
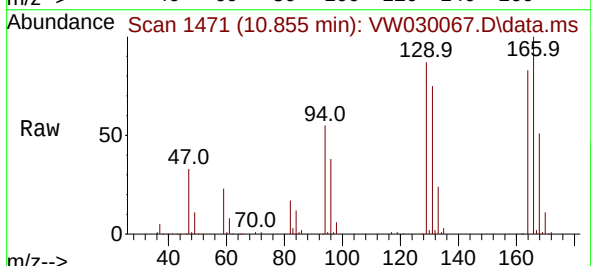
Ion Ratio Lower Upper

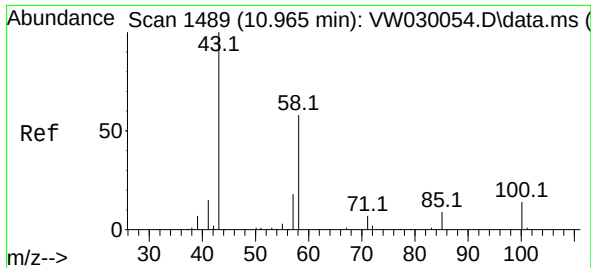
164 100

129 104.6 66.1 122.7

131 89.8 62.6 116.2

166 119.9 81.2 150.8



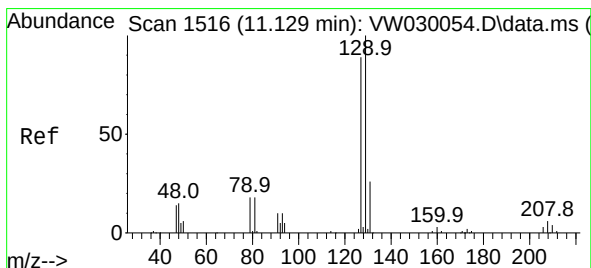
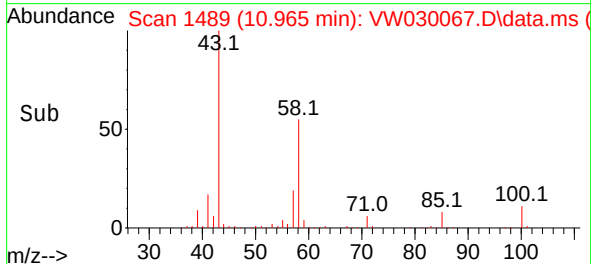
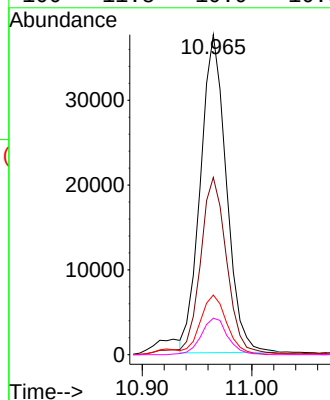
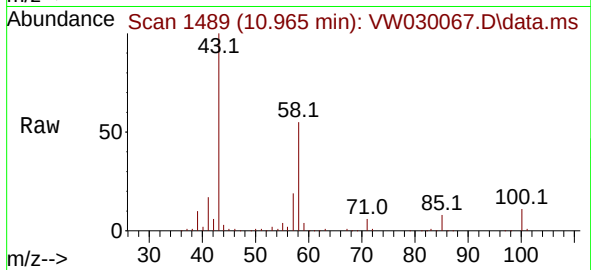


#48
2-Hexanone
Concen: 57.619 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 61716

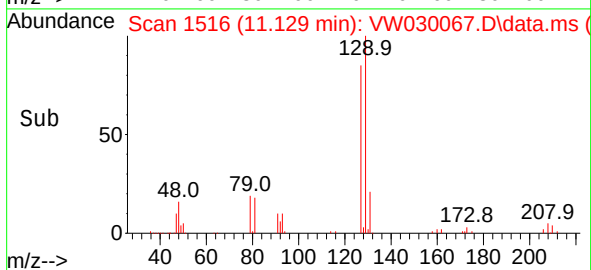
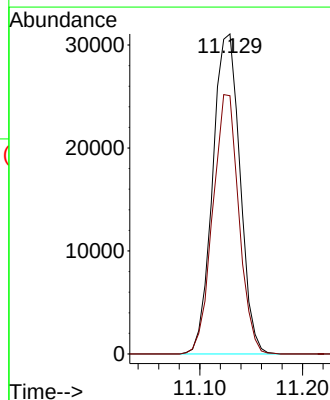
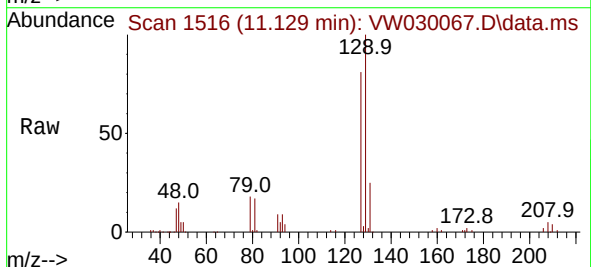
Ion	Ratio	Lower	Upper
43	100		
58	55.7	50.0	75.0
57	19.2	17.3	25.9
100	11.8	10.9	16.3

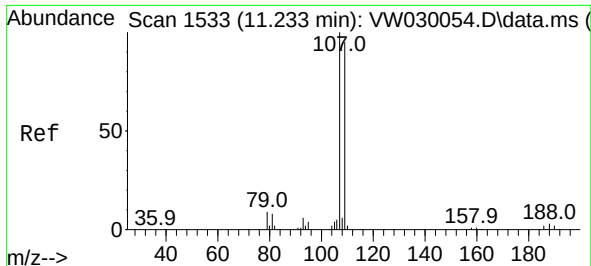


#49
Dibromochloromethane
Concen: 24.316 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

Tgt Ion: 129 Resp: 57318

Ion	Ratio	Lower	Upper
129	100		
127	80.7	51.8	96.2





#50

1,2-Dibromoethane

Concen: 23.136 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

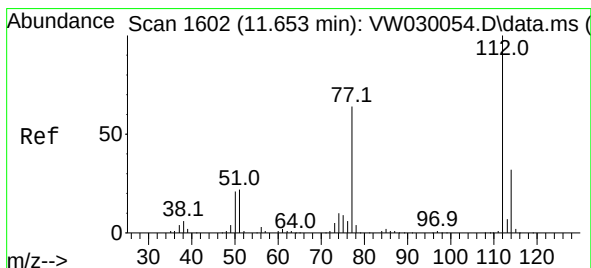
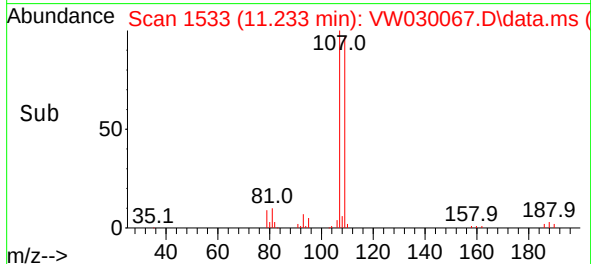
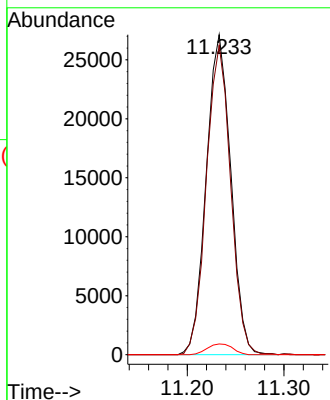
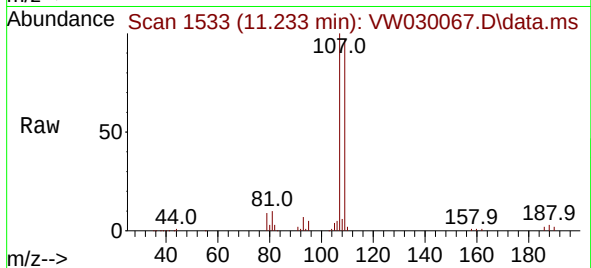
Tgt Ion:107 Resp: 47944

Ion Ratio Lower Upper

107 100

109 96.7 61.7 114.5

188 3.4 3.1 4.7



#51

Chlorobenzene

Concen: 22.984 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

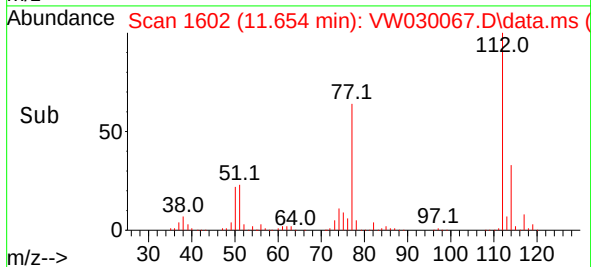
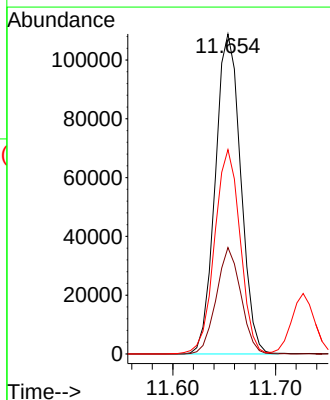
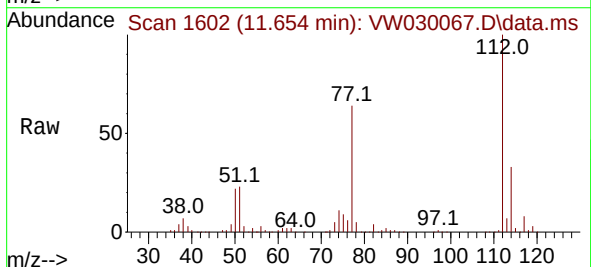
Tgt Ion:112 Resp: 187065

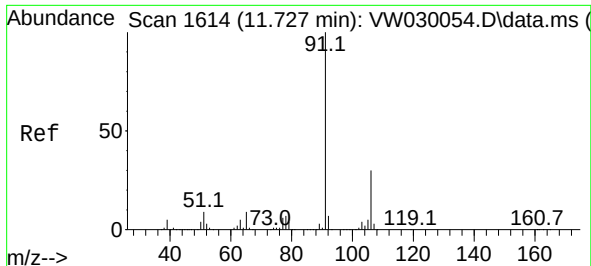
Ion Ratio Lower Upper

112 100

114 33.2 20.9 38.9

77 63.9 47.1 70.7





#52

Ethylbenzene

Concen: 24.259 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

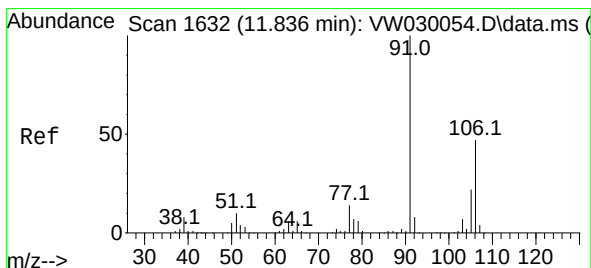
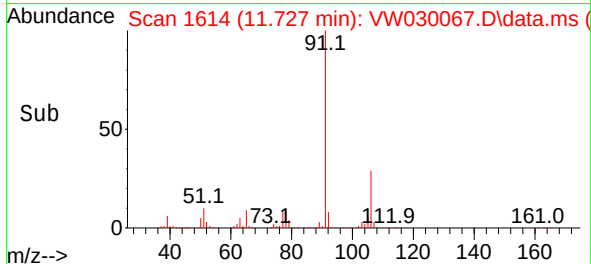
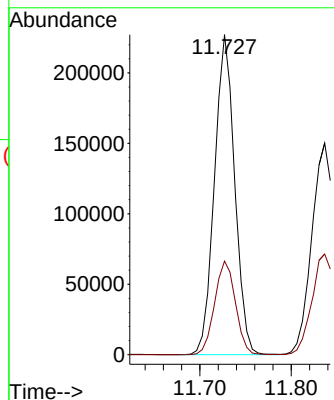
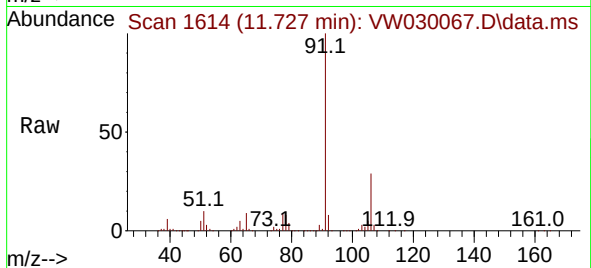
ClientSampleId :

Tgt Ion: 91 Resp: 349886

Ion Ratio Lower Upper

91 100

106 29.3 22.0 41.0



#53

m,p-Xylene

Concen: 24.417 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030067.D

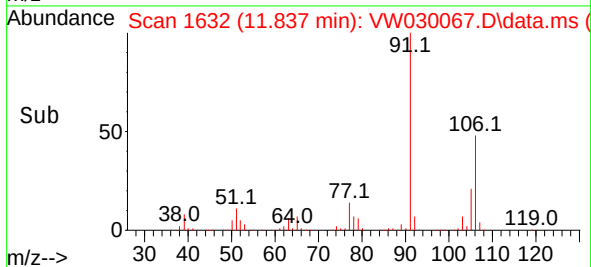
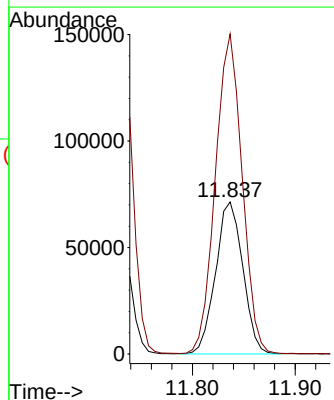
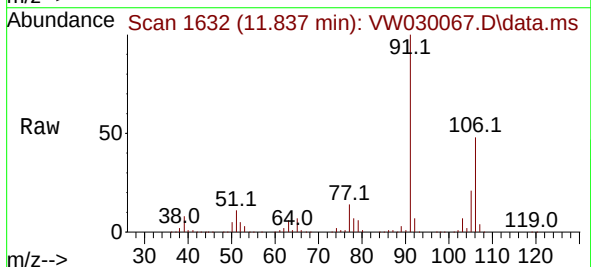
Acq: 28 Aug 2024 09:33

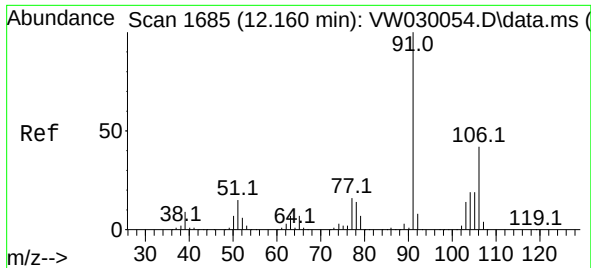
Tgt Ion:106 Resp: 131420

Ion Ratio Lower Upper

106 100

91 210.4 146.7 272.4

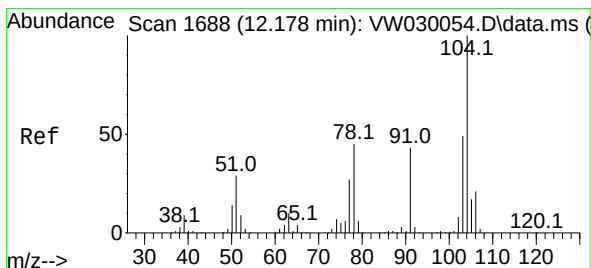
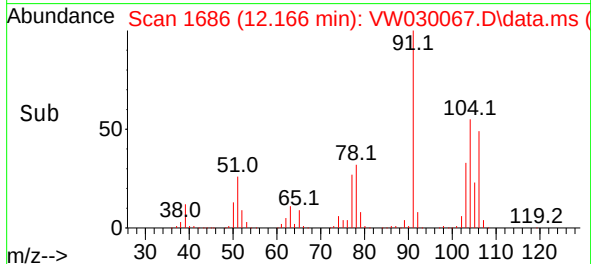
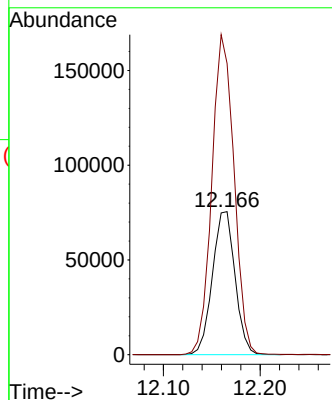
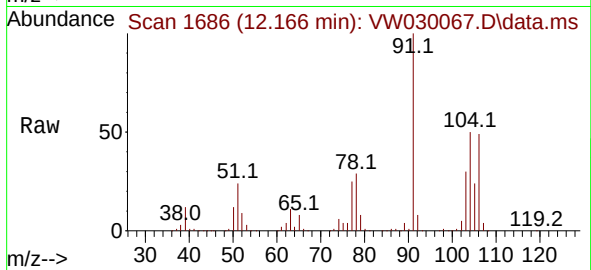




#54
o-Xylene
Concen: 23.761 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

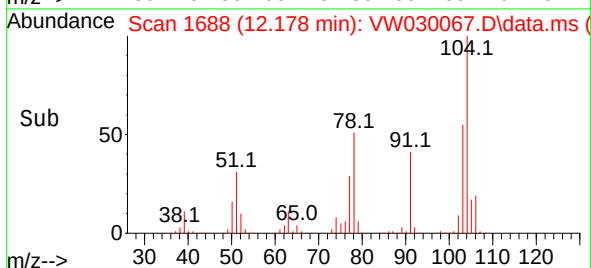
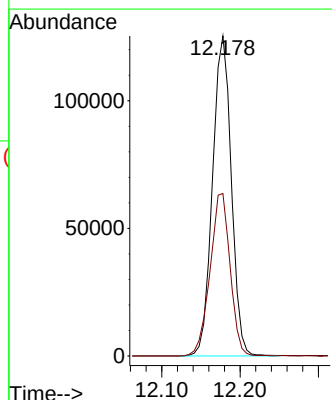
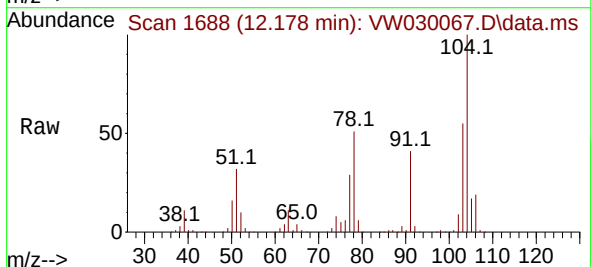
Instrument :
MSVOA_W
ClientSampleId :

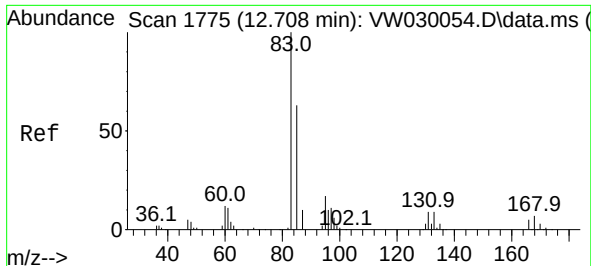
Tgt Ion:106 Resp: 122749
Ion Ratio Lower Upper
106 100
91 203.6 153.9 285.7



#55
Styrene
Concen: 24.143 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

Tgt Ion:104 Resp: 208977
Ion Ratio Lower Upper
104 100
78 50.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.310 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW030067.D

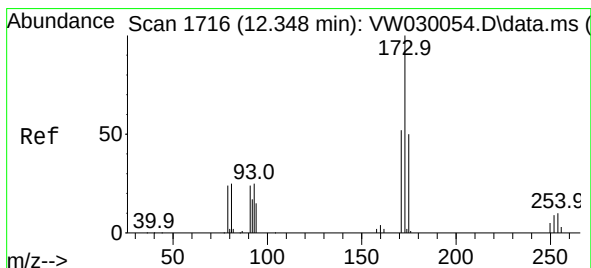
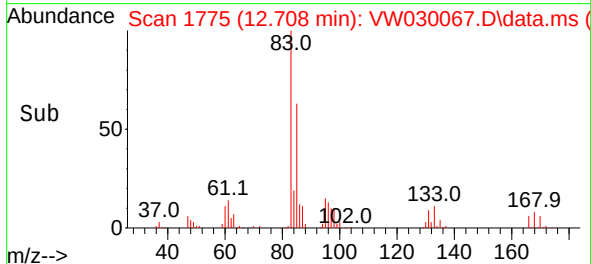
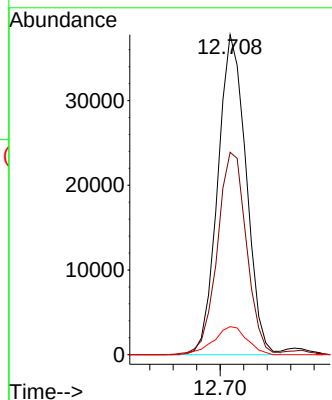
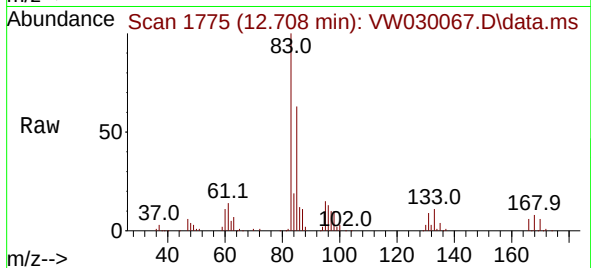
Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 63231
Ion Ratio	Lower Upper
83 100	
85 63.3	44.0 81.8
131 8.7	7.3 10.9



#59

Bromoform

Concen: 22.497 ug/L

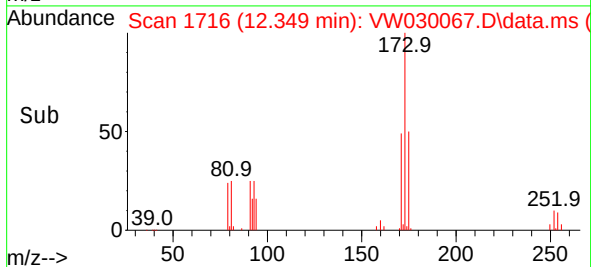
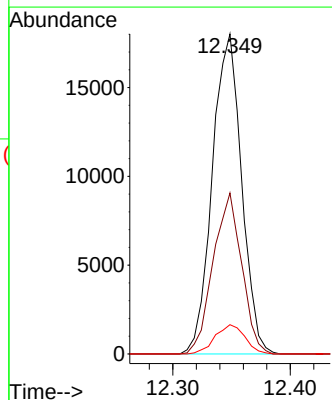
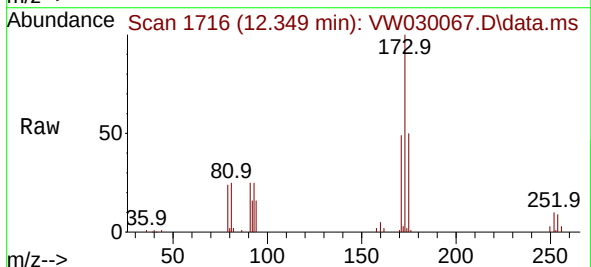
RT: 12.349 min Scan# 1716

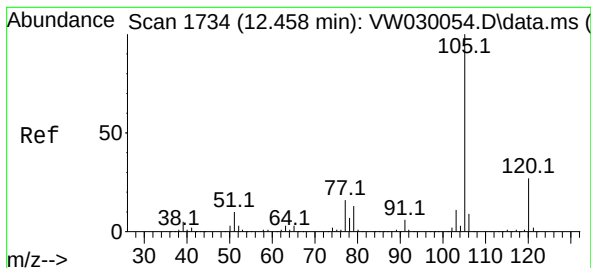
Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Tgt Ion: 173	Resp: 31158
Ion Ratio	Lower Upper
173 100	
175 49.1	41.4 62.2
254 9.4	8.6 13.0





#60

Isopropylbenzene

Concen: 22.868 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :

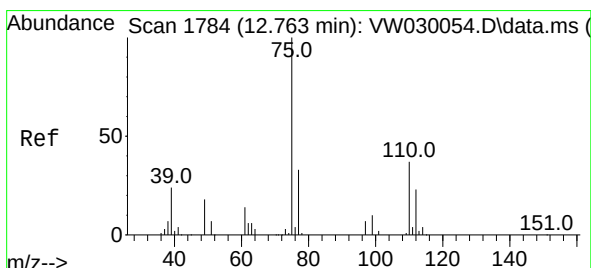
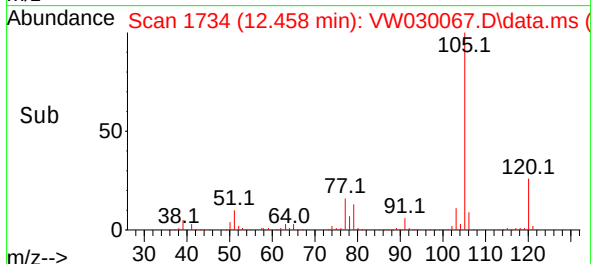
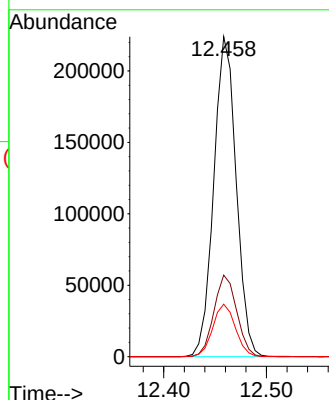
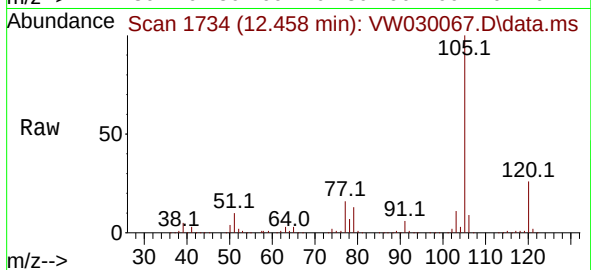
Tgt Ion:105 Resp: 339302

Ion Ratio Lower Upper

105 100

120 25.9 20.6 30.8

77 16.6 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 23.878 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

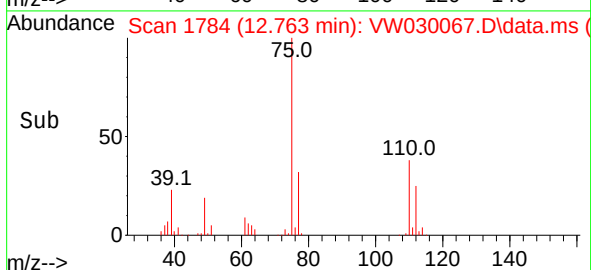
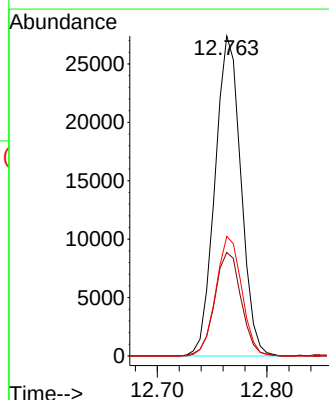
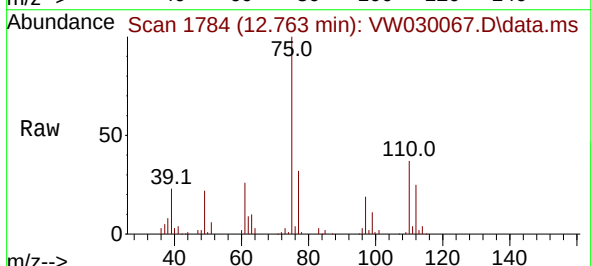
Tgt Ion: 75 Resp: 45153

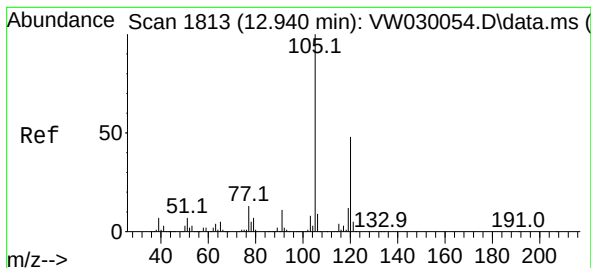
Ion Ratio Lower Upper

75 100

77 33.0 26.0 39.0

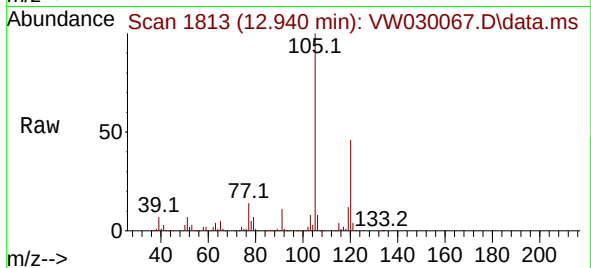
110 37.1 31.0 46.4



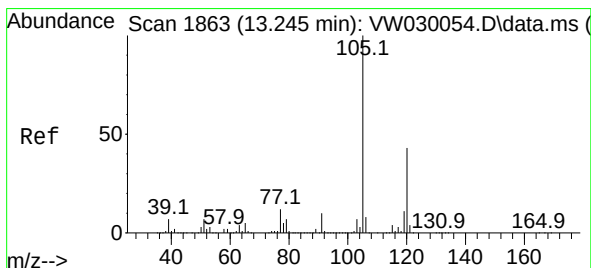
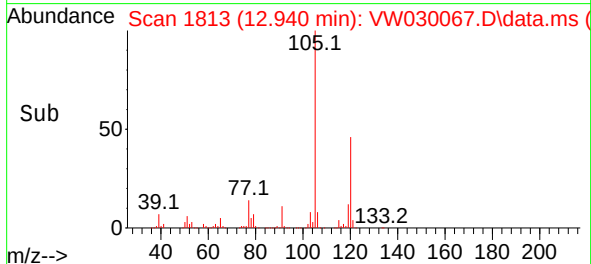
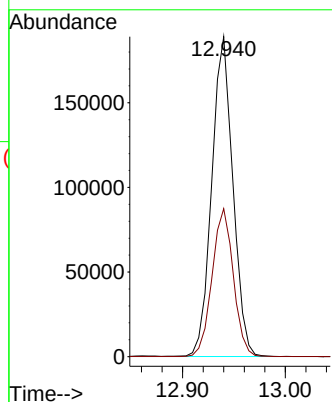


#62
1,3,5-Trimethylbenzene
Concen: 24.476 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

Instrument :
MSVOA_W
ClientSampleId :

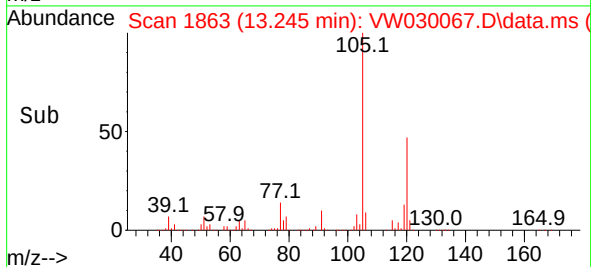
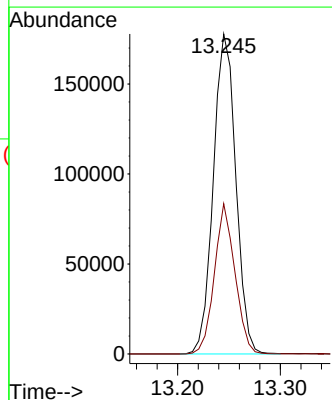
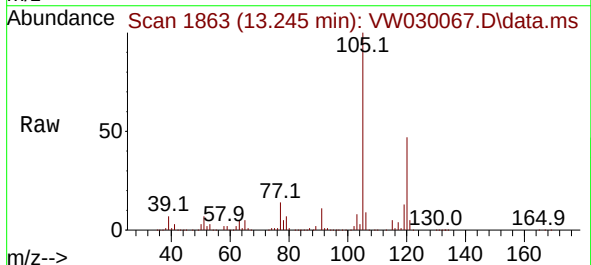


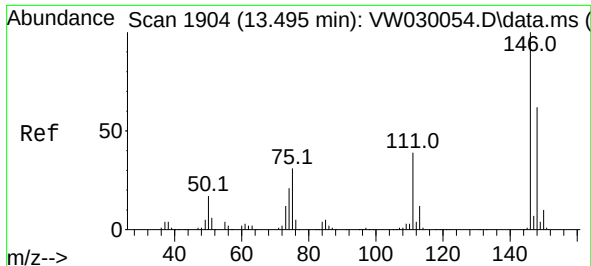
Tgt Ion:105 Resp: 270031
Ion Ratio Lower Upper
105 100
120 46.5 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 23.230 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

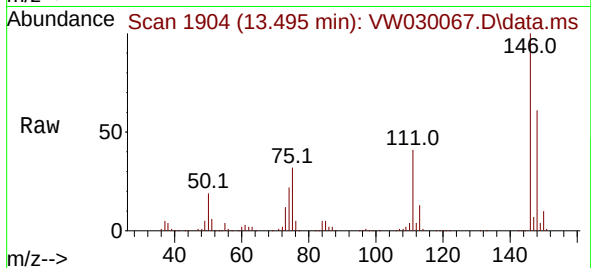
Tgt Ion:105 Resp: 270129
Ion Ratio Lower Upper
105 100
120 42.9 36.3 54.5



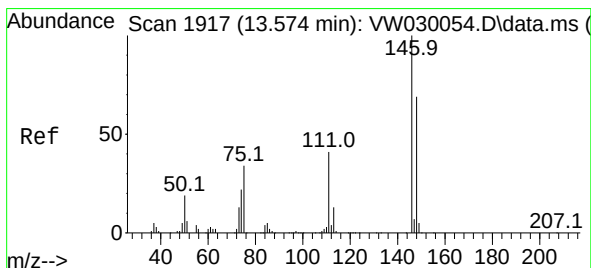
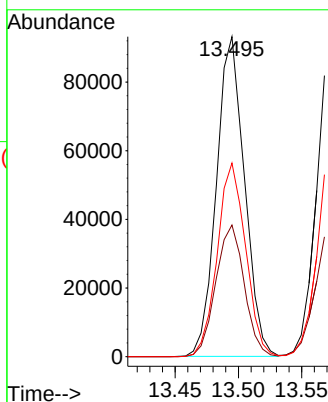
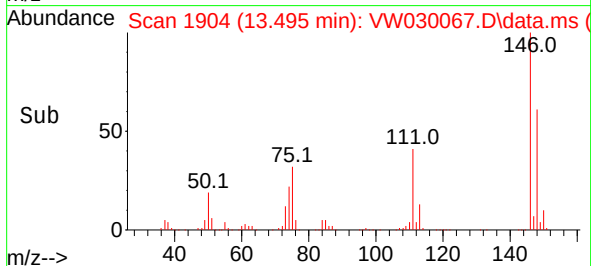


#64
1,3-Dichlorobenzene
Concen: 22.724 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

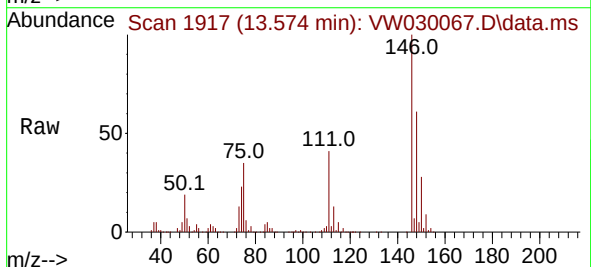
Instrument :
MSVOA_W
ClientSampleId :



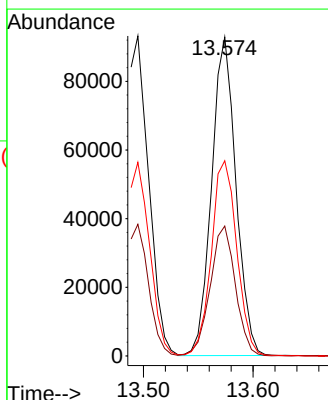
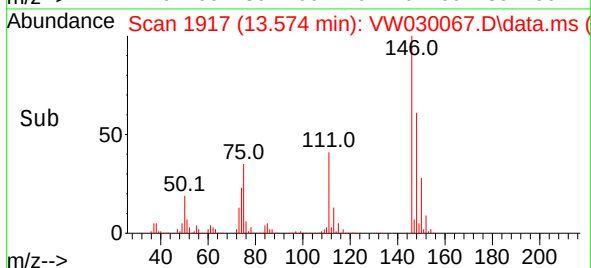
Tgt Ion:146 Resp: 143739
Ion Ratio Lower Upper
146 100
111 41.2 29.1 54.1
148 60.5 43.9 81.5

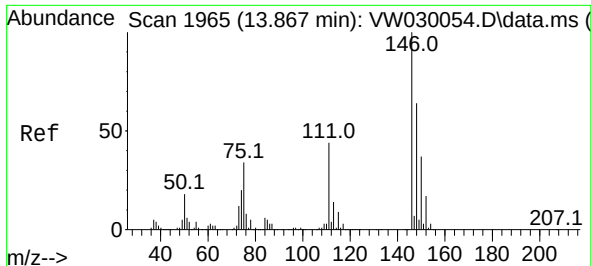


#65
1,4-Dichlorobenzene
Concen: 22.443 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33



Tgt Ion:146 Resp: 143409
Ion Ratio Lower Upper
146 100
111 40.8 28.2 52.4
148 61.2 45.8 85.2

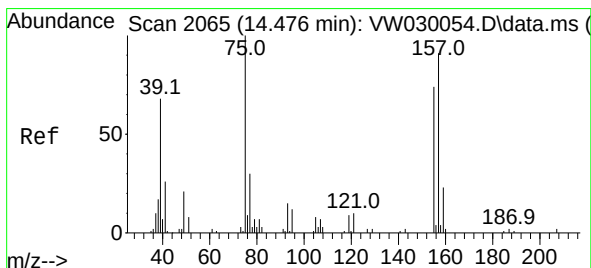
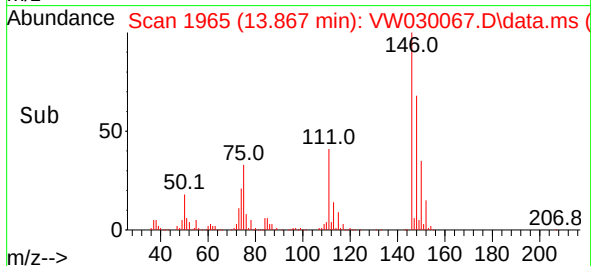
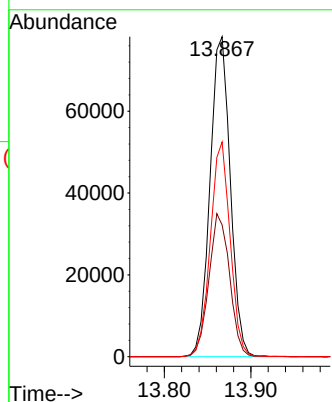
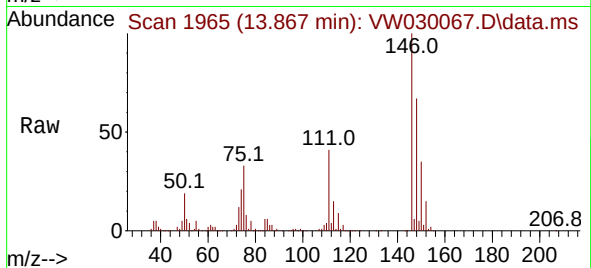




#67
1,2-Dichlorobenzene
Concen: 22.501 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

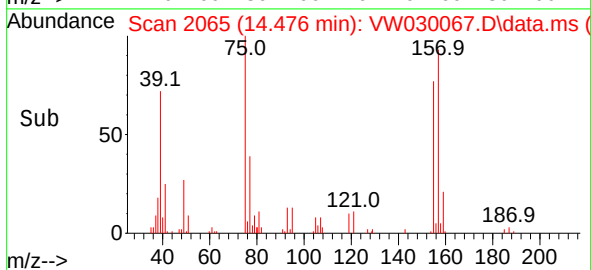
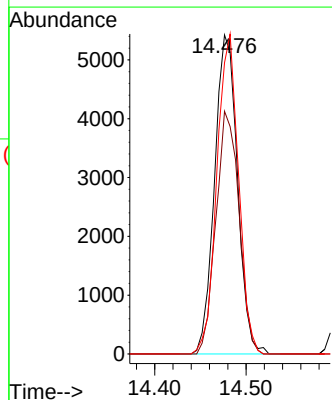
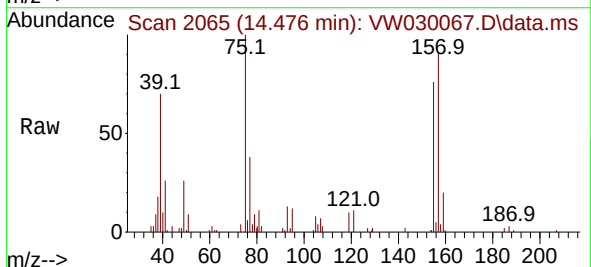
Instrument :
MSVOA_W
ClientSampleId :

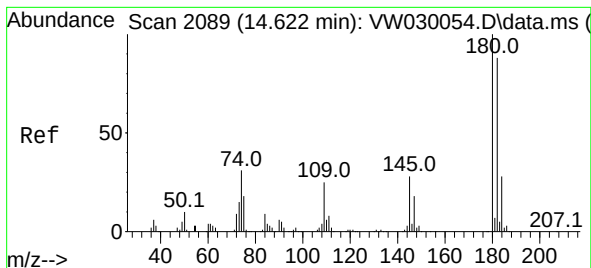
Tgt Ion:146 Resp: 127319
Ion Ratio Lower Upper
146 100
111 41.1 34.7 52.1
148 67.1 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 23.291 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

Tgt Ion: 75 Resp: 9428
Ion Ratio Lower Upper
75 100
155 76.0 62.8 94.2
157 91.2 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 22.657 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

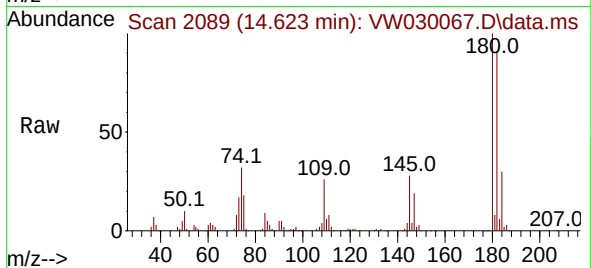
Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 93569

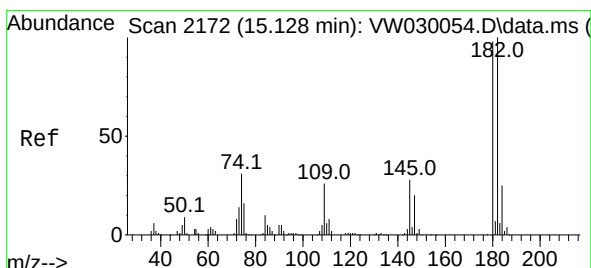
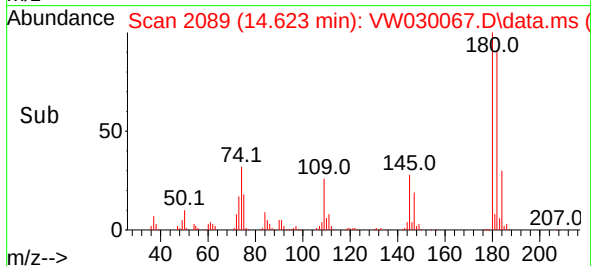
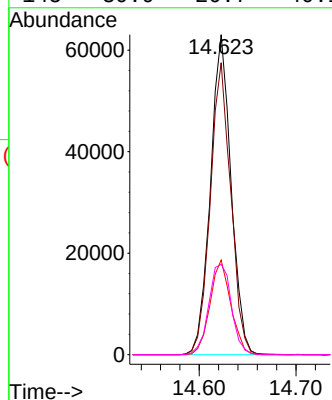
Ion Ratio Lower Upper

180 100

182 90.6 79.7 119.5

184 29.7 25.1 37.7

145 30.9 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 21.578 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030067.D

Acq: 28 Aug 2024 09:33

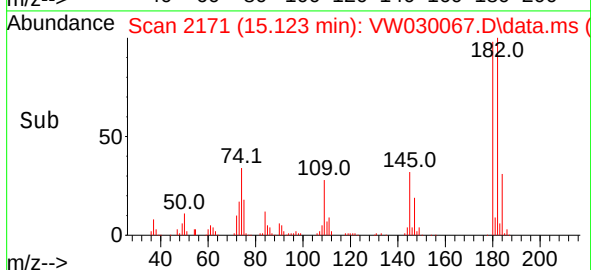
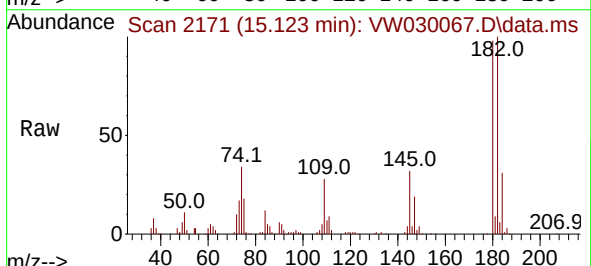
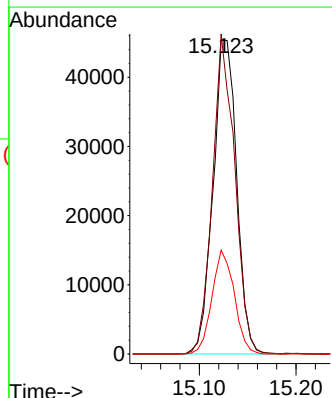
Tgt Ion:180 Resp: 77126

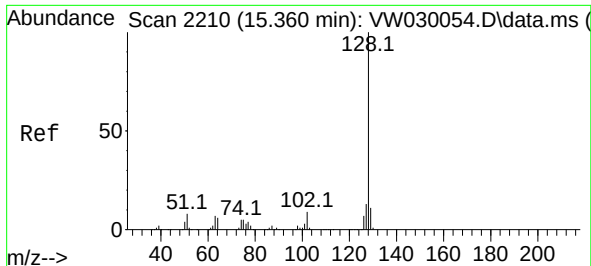
Ion Ratio Lower Upper

180 100

182 95.9 75.3 112.9

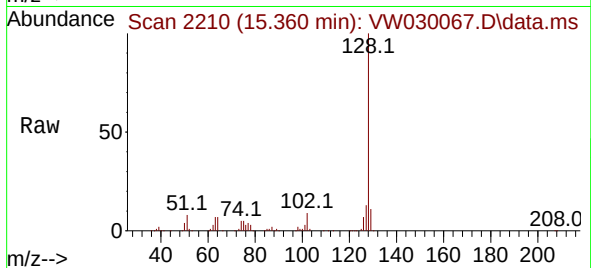
145 31.2 24.7 37.1



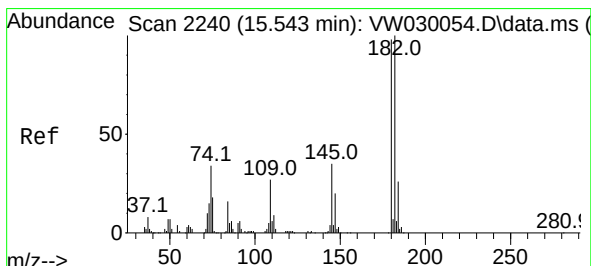
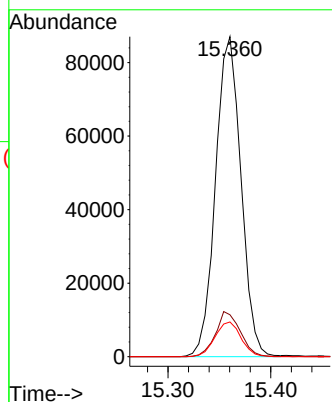
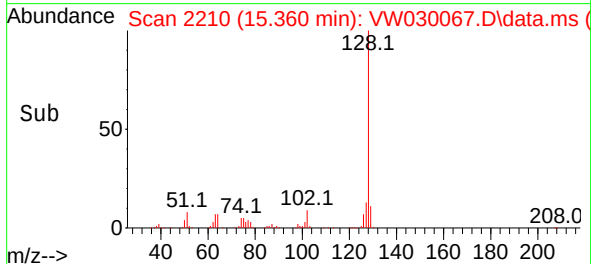


#71
Naphthalene
Concen: 21.931 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33

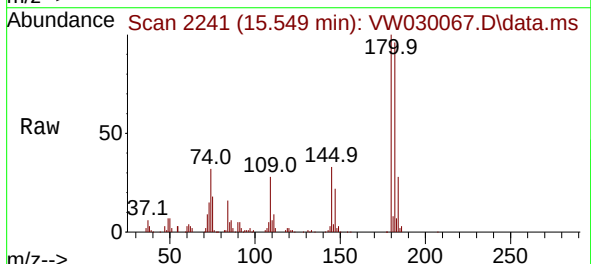
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 149685
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 11.1 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.516 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW030067.D
Acq: 28 Aug 2024 09:33



Tgt Ion:180 Resp: 70641
Ion Ratio Lower Upper
180 100
182 93.3 77.2 115.8
145 32.8 26.5 39.7

