

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083024\
 Data File : VW030116.D
 Acq On : 30 Aug 2024 15:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 30 23:55:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 30 23:54:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	222972	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	207013	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	99685	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	71540	21.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
7) Chloroethane-d5	2.899	69	56899	24.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.640%
11) 1,1-Dichloroethene-d2	4.021	65	33126	23.367	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.480%
21) 2-Butanone-d5	7.075	46	31455	47.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.120%
24) Chloroform-d	7.648	84	149994	24.945	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	8.307	65	74240	24.315	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.280%
32) Benzene-d6	8.276	84	286711	23.464	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.840%
36) 1,2-Dichloropropane-d6	9.270	67	90319	25.229	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.920%
41) Toluene-d8	10.318	98	263991	23.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	10.574	79	33779	22.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.760%
47) 2-Hexanone-d5	10.922	63	24548	44.802	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64179	24.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	80872	22.429	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.720%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	57962	22.602	ug/L	97
3) Chloromethane	2.222	50	87120	29.223	ug/L	92
5) Vinyl chloride	2.375	62	89462	25.388	ug/L	99
6) Bromomethane	2.789	94	54404	24.844	ug/L	99
8) Chloroethane	2.936	64	56103	27.630	ug/L	94
9) Trichlorofluoromethane	3.271	101	72302	23.695	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	71598	24.525	ug/L	98
12) 1,1-Dichloroethene	4.045	96	68532	23.978	ug/L	91
13) Acetone	4.118	43	41281	68.234	ug/L	99
14) Carbon disulfide	4.387	76	243780	27.495	ug/L	97
15) Methyl Acetate	4.667	43	29320	24.857	ug/L #	76
16) Methylene chloride	4.917	84	85202	23.131	ug/L	88
17) trans-1,2-Dichloroethene	5.429	96	75555	23.903	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	101004	20.895	ug/L	97
19) 1,1-Dichloroethane	6.215	63	151613	25.813	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79374	22.720	ug/L	93
22) 2-Butanone	7.167	43	44657	51.584	ug/L	94
23) Bromochloromethane	7.520	128	33696	22.740	ug/L	95
25) Chloroform	7.673	83	149862	24.944	ug/L	99

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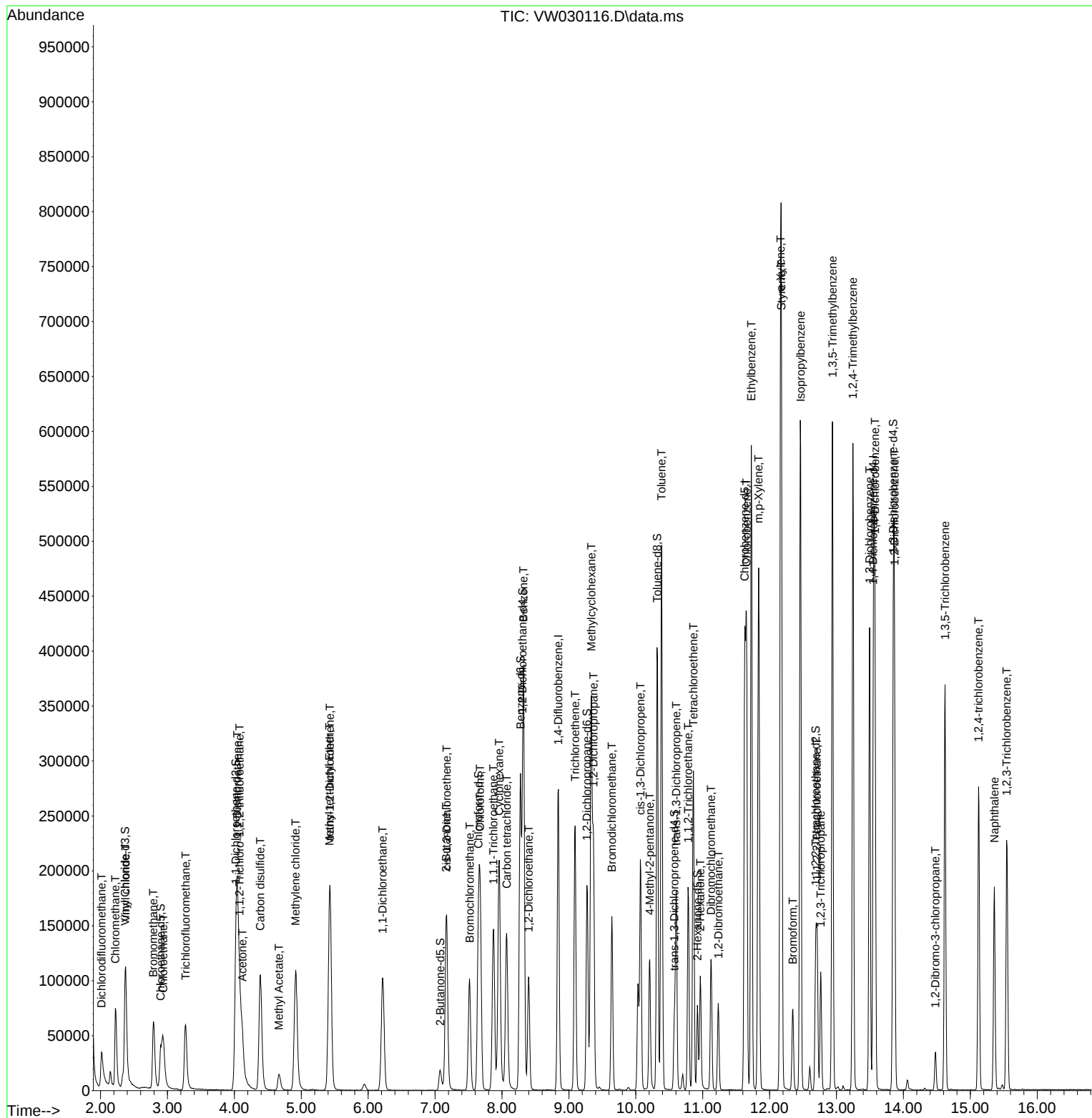
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	93235	24.244	ug/L	97
29) Cyclohexane	7.959	56	119104	23.828	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	121417	25.041	ug/L	99
31) Carbon tetrachloride	8.069	117	107218	24.613	ug/L	99
33) Benzene	8.319	78	330408	24.911	ug/L	100
34) Trichloroethene	9.093	95	86115	24.112	ug/L	95
35) Methylcyclohexane	9.337	83	137515	23.510	ug/L	95
37) 1,2-Dichloropropane	9.367	63	87347	26.007	ug/L	99
38) Bromodichloromethane	9.642	83	103471	24.416	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	124611	24.105	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	80360	48.066	ug/L	94
42) Toluene	10.385	91	356658	25.251	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	100121	23.935	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	56000	22.748	ug/L	99
46) Tetrachloroethene	10.861	164	60192	22.206	ug/L	91
48) 2-Hexanone	10.965	43	63796	53.676	ug/L	93
49) Dibromochloromethane	11.123	129	61767	23.614	ug/L	97
50) 1,2-Dibromoethane	11.233	107	51385	22.346	ug/L	92
51) Chlorobenzene	11.654	112	215119	23.819	ug/L	97
52) Ethylbenzene	11.727	91	399746	24.978	ug/L	98
53) m,p-Xylene	11.836	106	145664	24.389	ug/L	96
54) o-Xylene	12.166	106	137380	23.965	ug/L	95
55) Styrene	12.178	104	232383	24.195	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	65074	23.474	ug/L	97
59) Bromoform	12.349	173	33227	22.383	ug/L	95
60) Isopropylbenzene	12.464	105	383987	24.144	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	46015	22.702	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	320442	27.098	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	300761	24.130	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	162733	24.002	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	160175	23.386	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	139166	22.946	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9677	22.304	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	104954	23.711	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	83890	21.897	ug/L	98
71) Naphthalene	15.360	128	148581	20.310	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	73349	21.812	ug/L	98

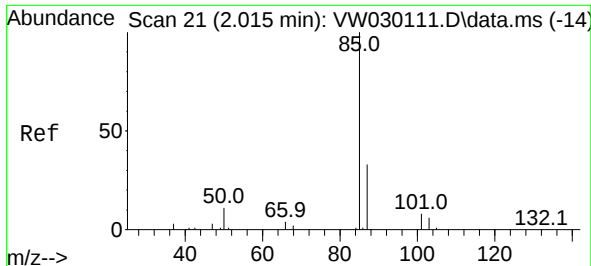
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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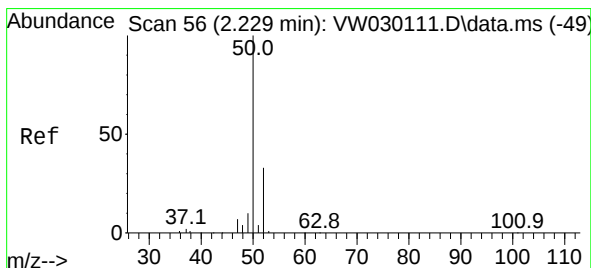
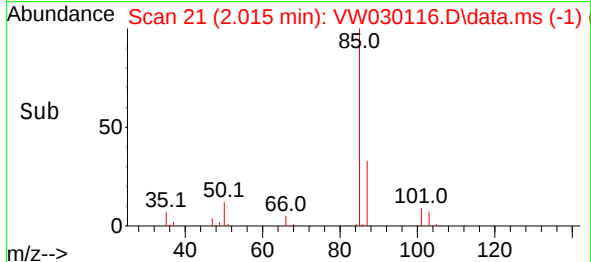
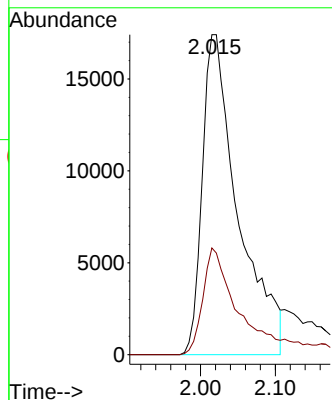
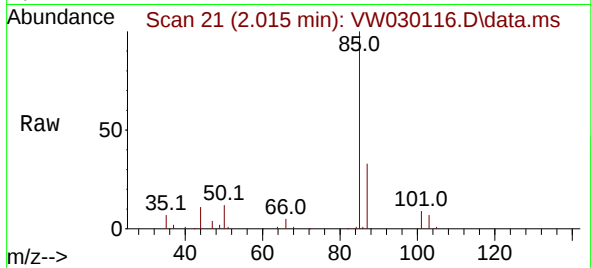




#2
 Dichlorodifluoromethane
 Concen: 22.602 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030116.D
 Acq: 30 Aug 2024 15:15

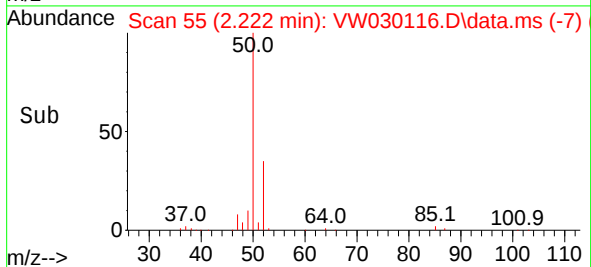
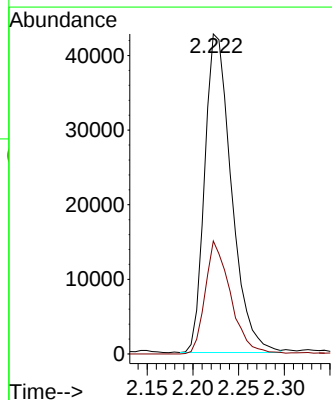
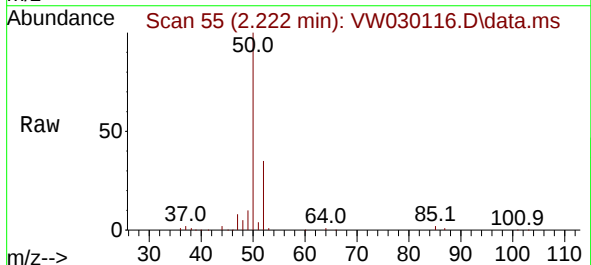
Instrument :
 MSVOA_W
 ClientSampleId :

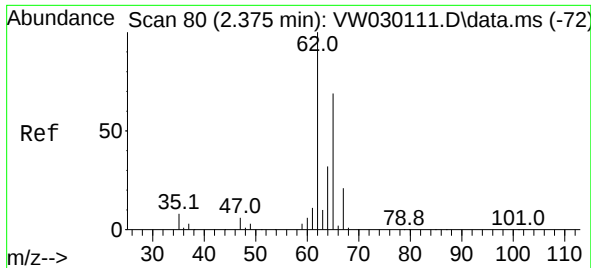
Tgt Ion: 85 Resp: 57962
 Ion Ratio Lower Upper
 85 100
 87 31.6 24.2 36.2



#3
 Chloromethane
 Concen: 29.223 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW030116.D
 Acq: 30 Aug 2024 15:15

Tgt Ion: 50 Resp: 87120
 Ion Ratio Lower Upper
 50 100
 52 35.3 21.6 40.2

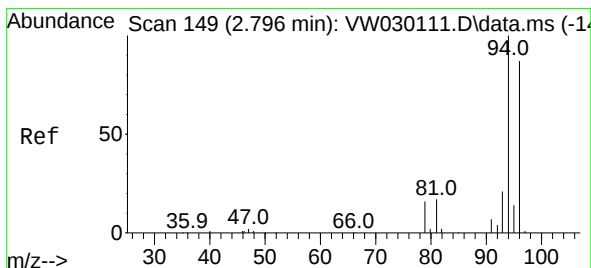
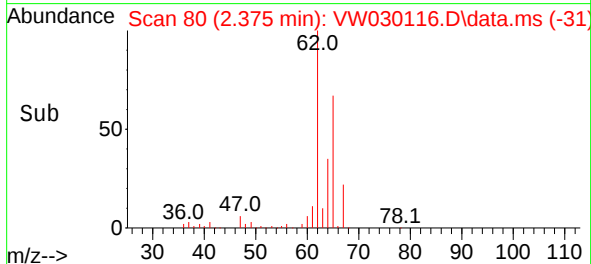
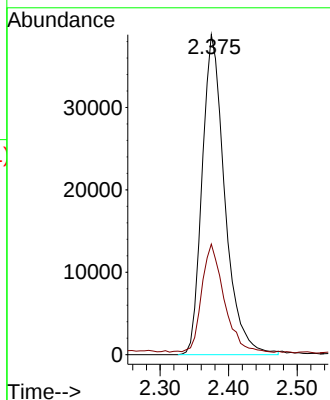
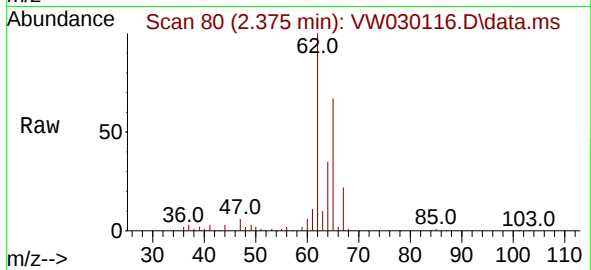




#5
 Vinyl chloride
 Concen: 25.388 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030116.D
 Acq: 30 Aug 2024 15:15

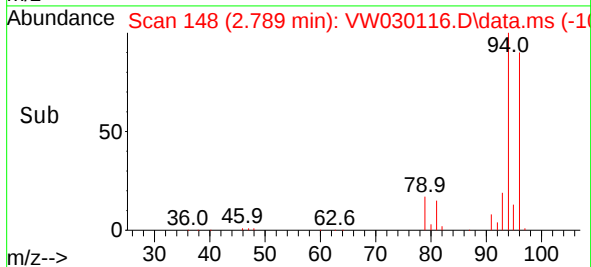
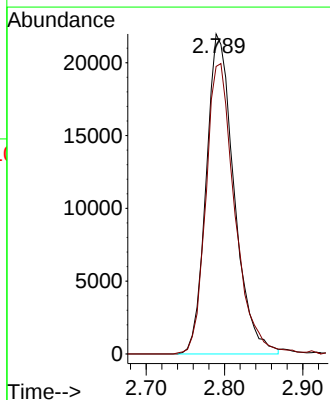
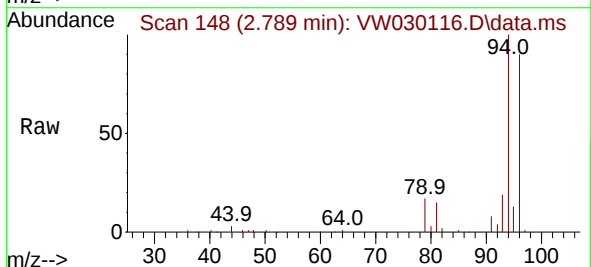
Instrument :
 MSVOA_W
 ClientSampleId :

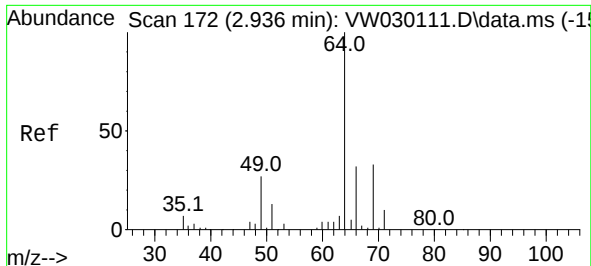
Tgt Ion: 62 Resp: 89462
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.4 45.4



#6
 Bromomethane
 Concen: 24.844 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030116.D
 Acq: 30 Aug 2024 15:15

Tgt Ion: 94 Resp: 54404
 Ion Ratio Lower Upper
 94 100
 96 89.8 62.4 115.8





#8

Chloroethane

Concen: 27.630 ug/L

RT: 2.936 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

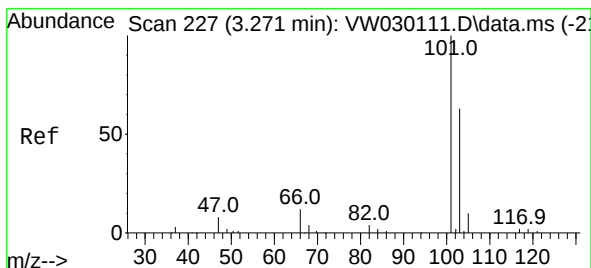
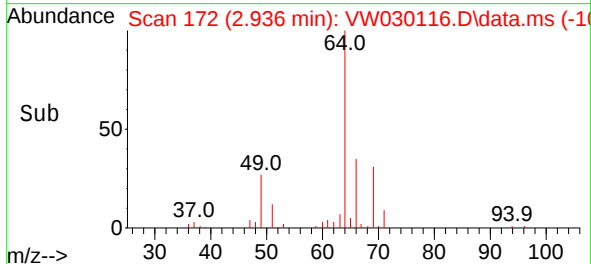
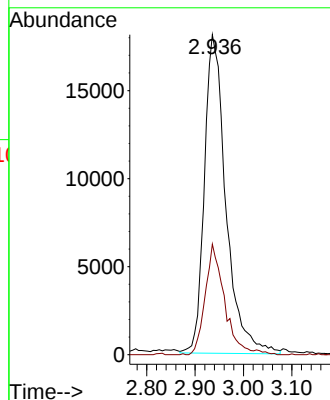
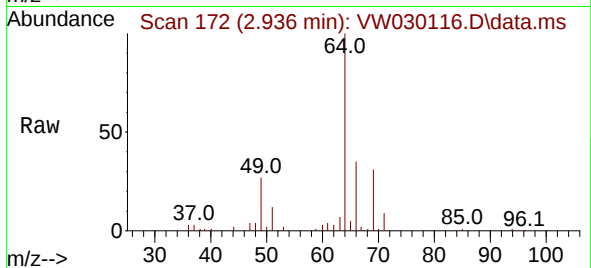
ClientSampleId :

Tgt Ion: 64 Resp: 56103

Ion Ratio Lower Upper

64 100

66 34.5 21.7 40.3



#9

Trichlorofluoromethane

Concen: 23.695 ug/L

RT: 3.271 min Scan# 227

Delta R.T. -0.000 min

Lab File: VW030116.D

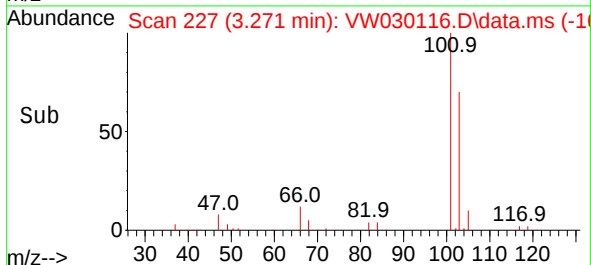
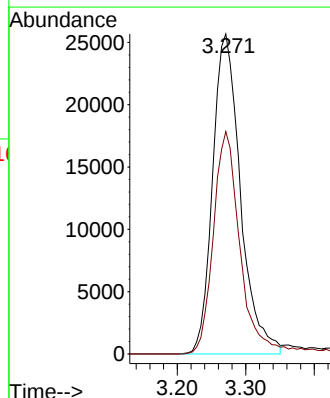
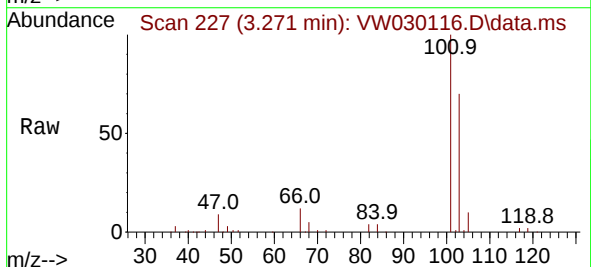
Acq: 30 Aug 2024 15:15

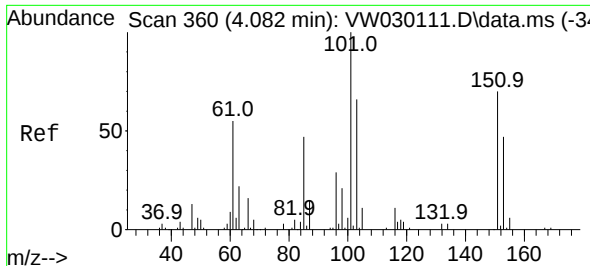
Tgt Ion:101 Resp: 72302

Ion Ratio Lower Upper

101 100

103 67.0 50.7 76.1





#10

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

Concen: 24.525 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

ClientSampleId :

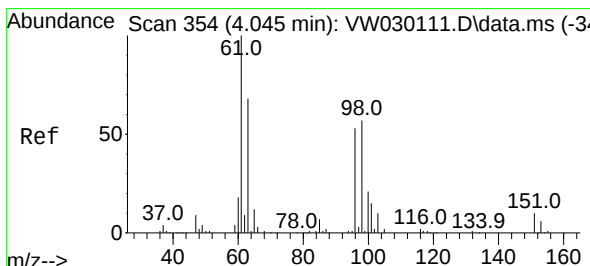
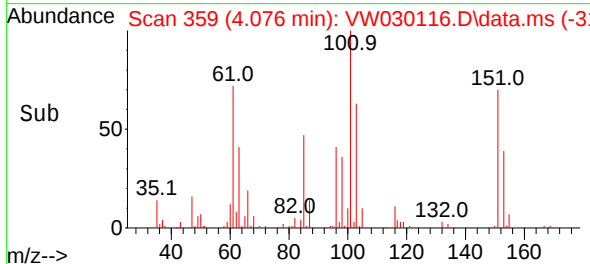
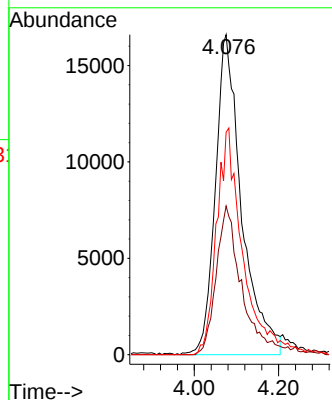
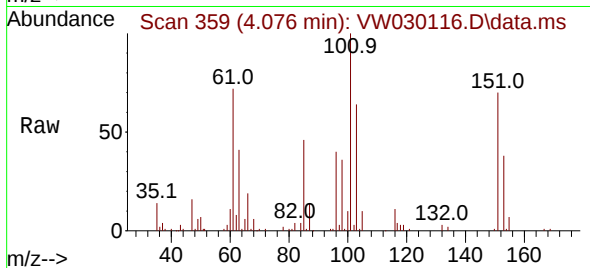
Tgt Ion:101 Resp: 71598

Ion Ratio Lower Upper

101 100

85 43.2 34.7 52.1

151 66.3 54.8 82.2



#12

1,1-Dichloroethene

Concen: 23.978 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

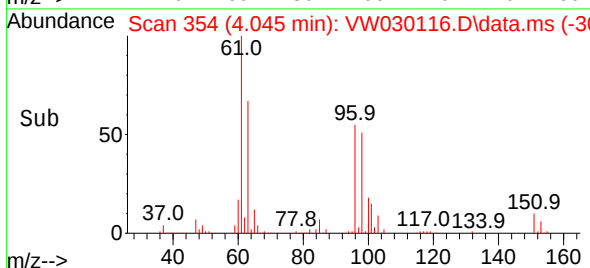
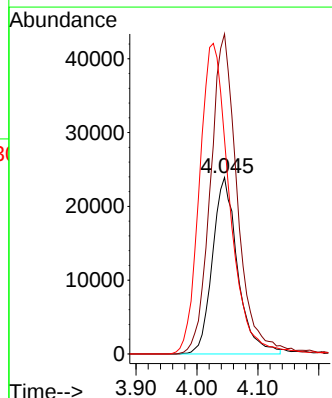
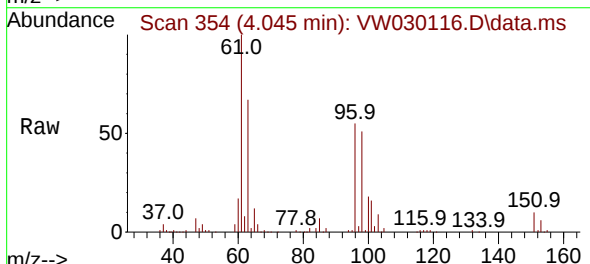
Tgt Ion: 96 Resp: 68532

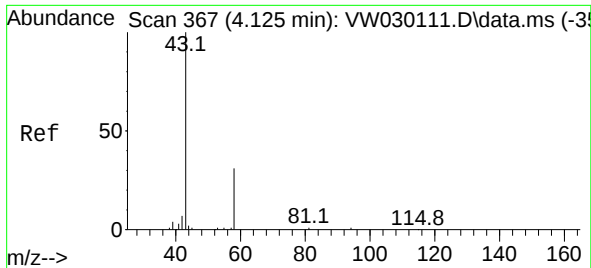
Ion Ratio Lower Upper

96 100

61 181.3 126.0 234.0

63 121.5 101.8 189.2

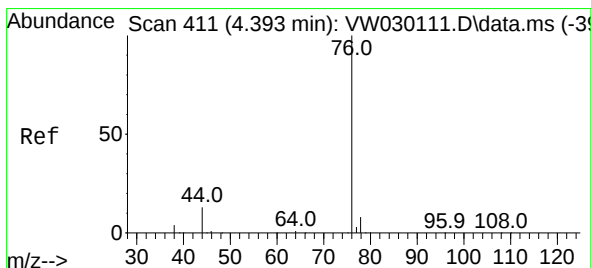
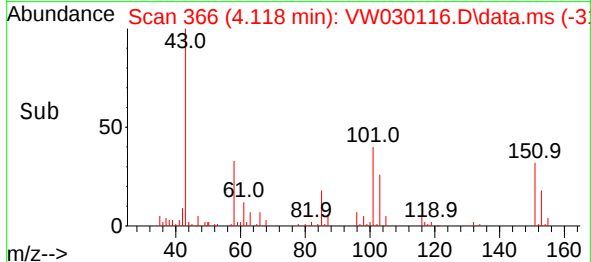
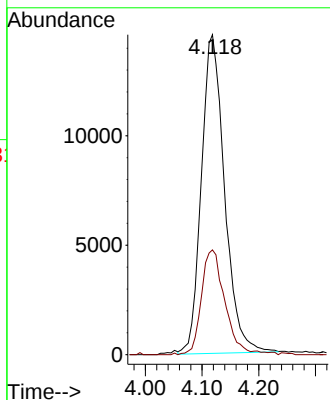
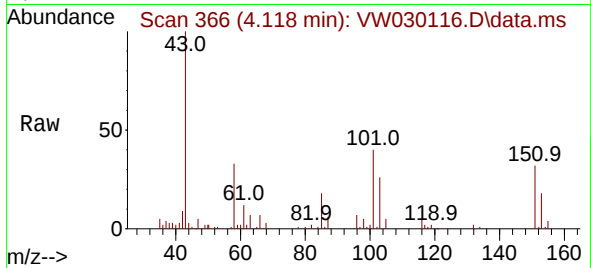




#13
Acetone
Concen: 68.234 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

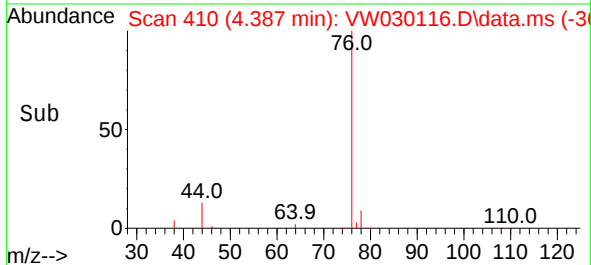
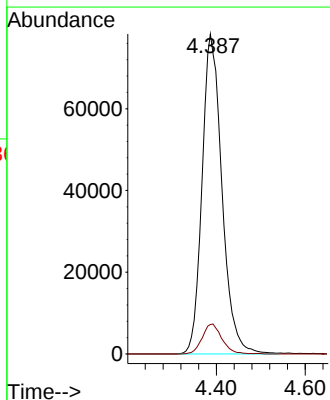
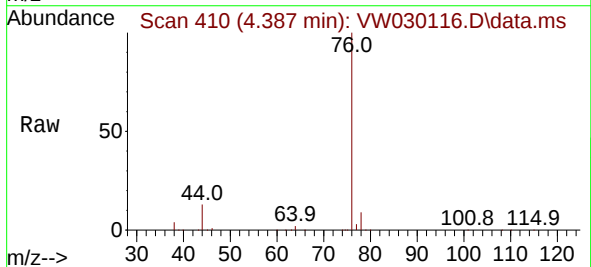
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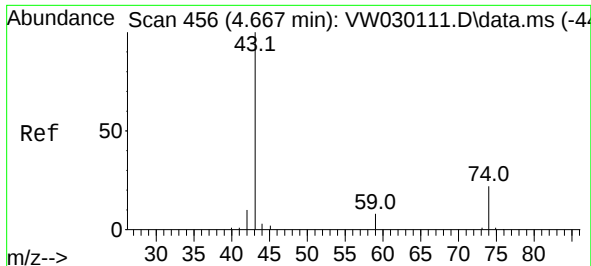
Tgt Ion: 43 Resp: 41281
Ion Ratio Lower Upper
43 100
58 32.6 0.0 66.4



#14
Carbon disulfide
Concen: 27.495 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

Tgt Ion: 76 Resp: 243780
Ion Ratio Lower Upper
76 100
78 9.2 6.6 9.8

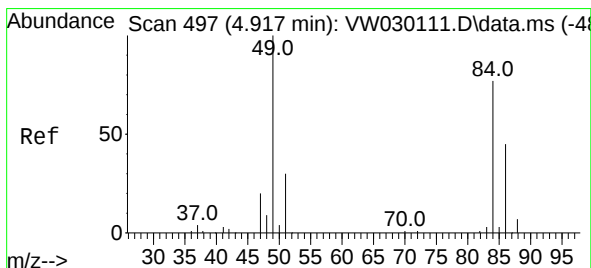
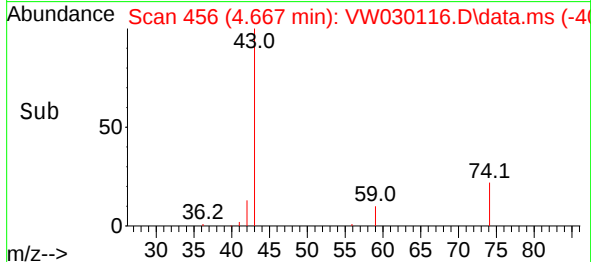
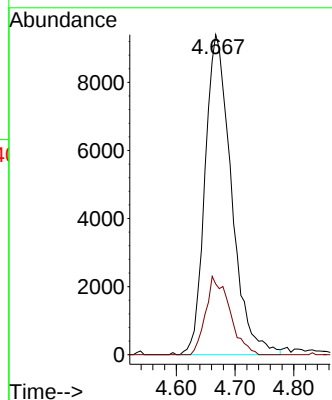
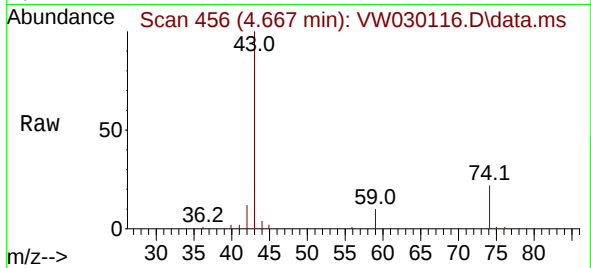




#15
Methyl Acetate
Concen: 24.857 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

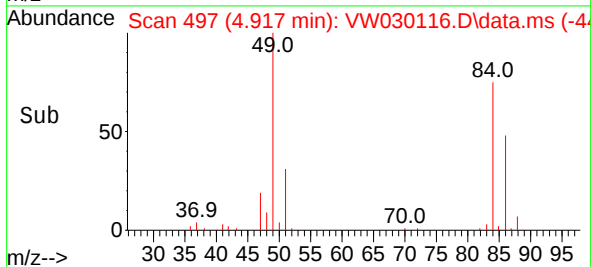
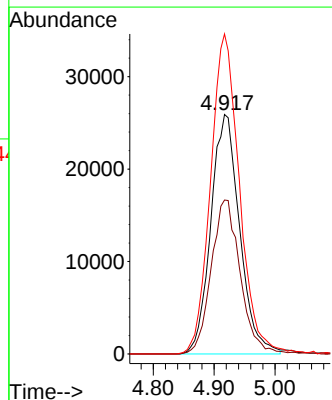
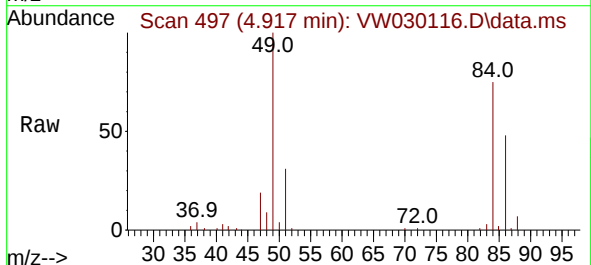
Instrument :
MSVOA_W
ClientSampleId :

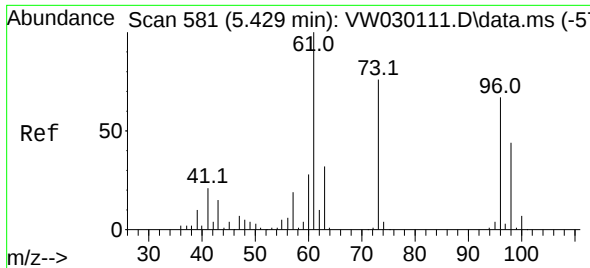
Tgt Ion: 43 Resp: 29320
Ion Ratio Lower Upper
43 100
74 12.9 19.9 29.9#



#16
Methylene chloride
Concen: 23.131 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

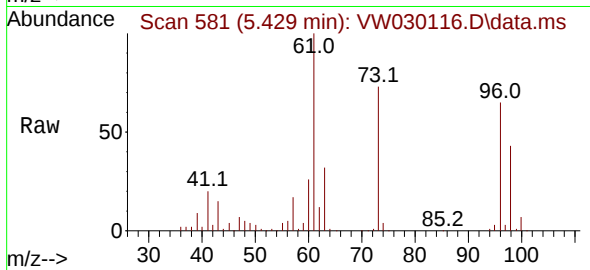
Tgt Ion: 84 Resp: 85202
Ion Ratio Lower Upper
84 100
86 64.3 44.2 82.2
49 133.6 79.9 148.3



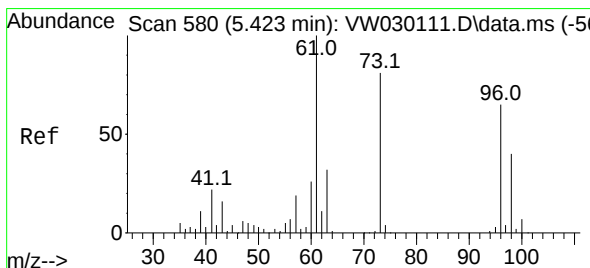
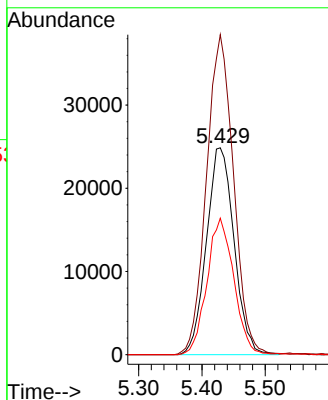
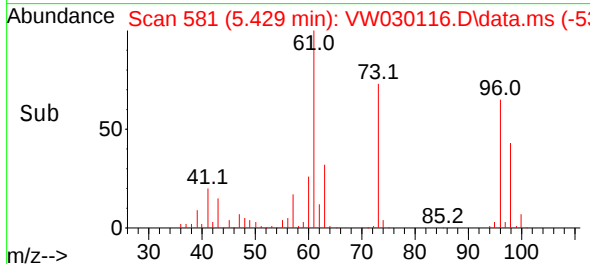


#17
trans-1,2-Dichloroethene
Concen: 23.903 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

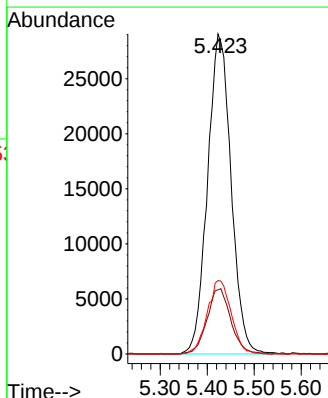
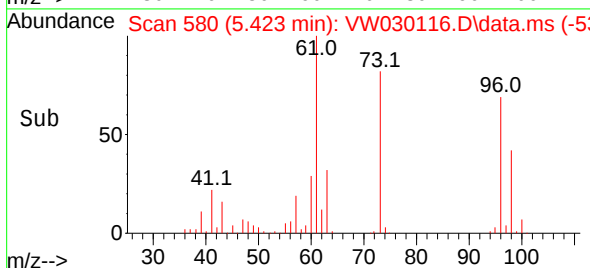
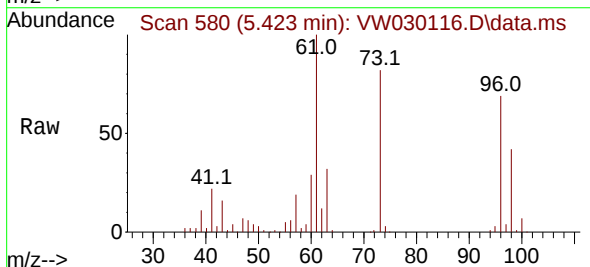


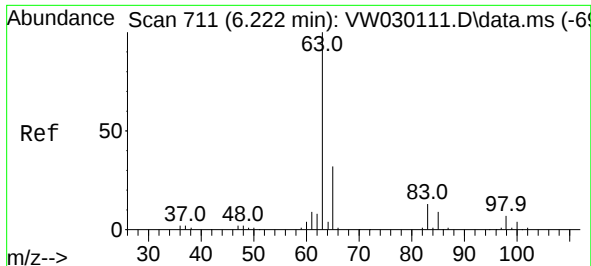
Tgt Ion: 96 Resp: 75555
Ion Ratio Lower Upper
96 100
61 154.6 98.3 182.7
98 66.0 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 20.895 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

Tgt Ion: 73 Resp: 101004
Ion Ratio Lower Upper
73 100
43 20.6 15.4 23.2
57 23.4 17.4 26.0





#19

1,1-Dichloroethane

Concen: 25.813 ug/L

RT: 6.215 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

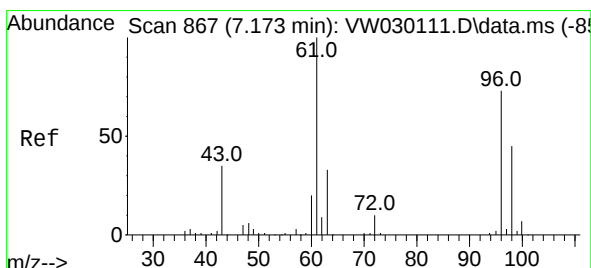
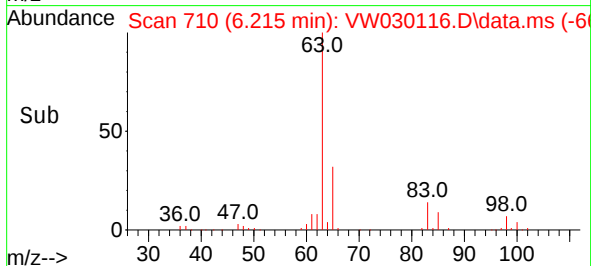
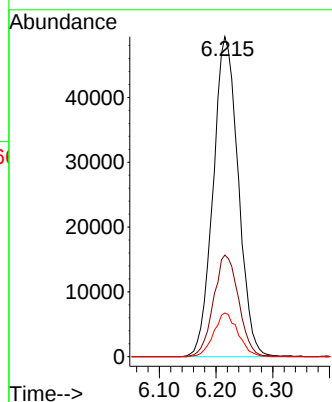
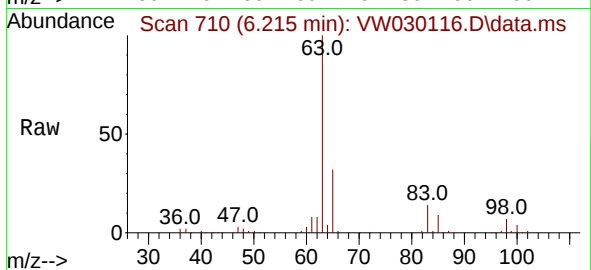
MSVOA_W

ClientSampleId :

Tgt Ion: 63 Resp: 151613

Ion Ratio Lower Upper

63	100		
65	31.8	21.6	40.0
83	13.6	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 22.720 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

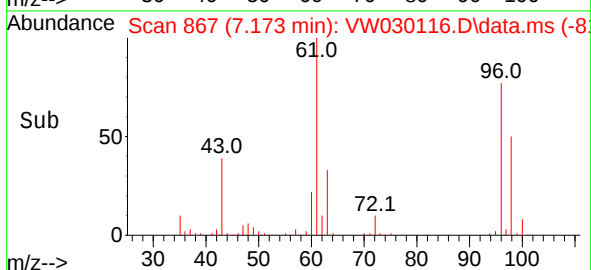
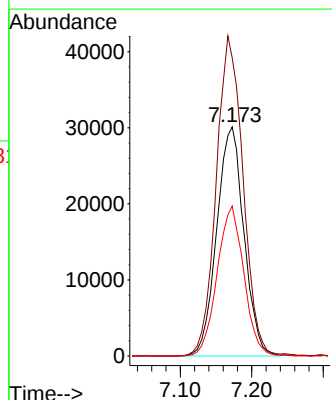
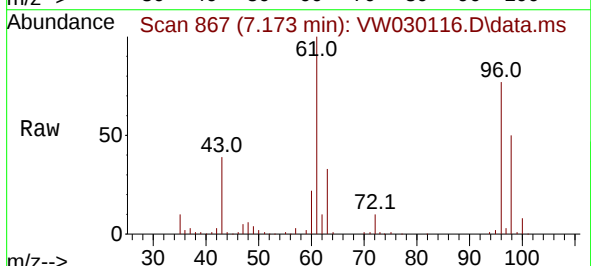
Lab File: VW030116.D

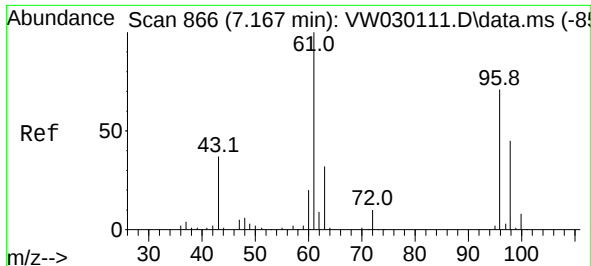
Acq: 30 Aug 2024 15:15

Tgt Ion: 96 Resp: 79374

Ion Ratio Lower Upper

96	100		
61	130.1	99.6	185.0
98	65.4	46.5	86.5





#22

2-Butanone

Concen: 51.584 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

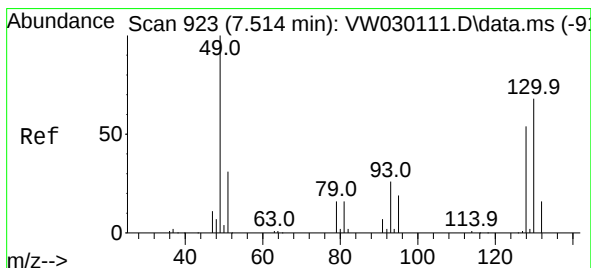
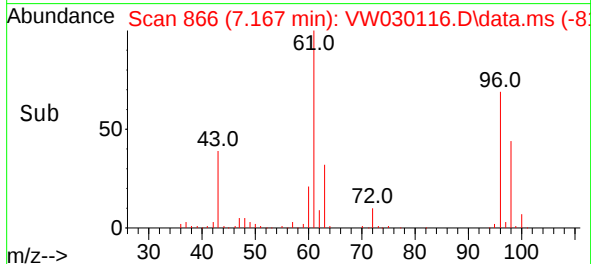
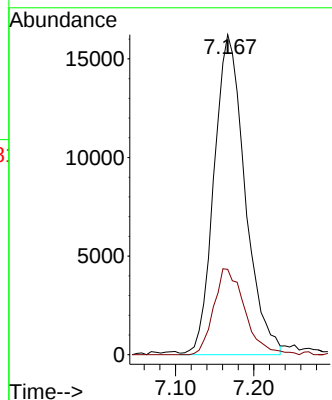
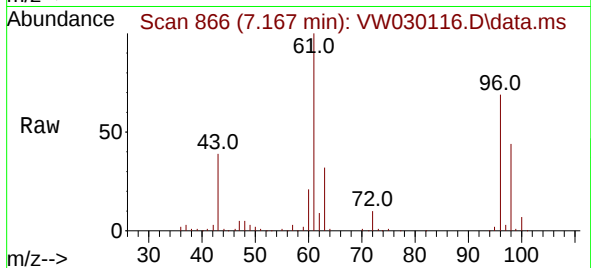
ClientSampleId :

Tgt Ion: 43 Resp: 44657

Ion Ratio Lower Upper

43 100

72 26.8 15.0 45.1



#23

Bromochloromethane

Concen: 22.740 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Tgt Ion: 128 Resp: 33696

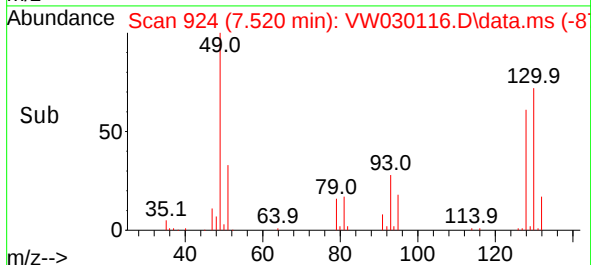
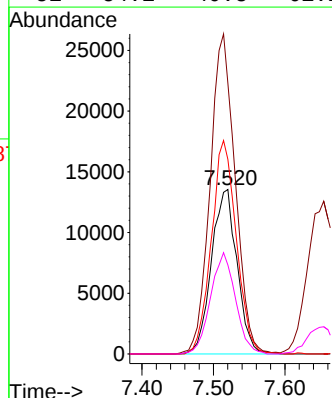
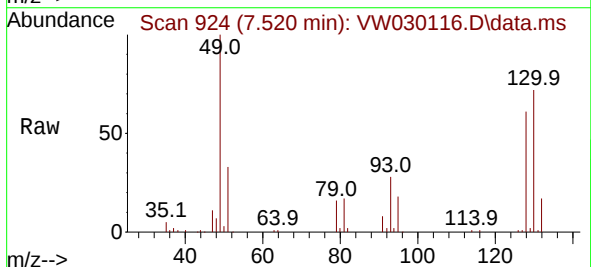
Ion Ratio Lower Upper

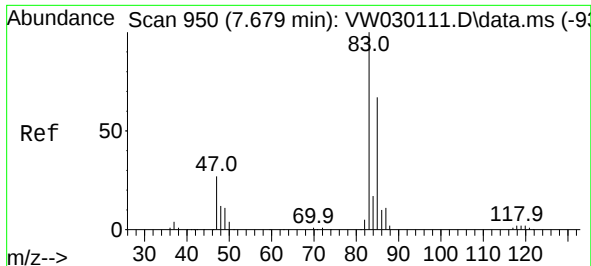
128 100

49 164.5 117.3 217.9

130 118.2 89.3 165.9

51 54.1 40.8 61.2





#25

Chloroform

Concen: 24.944 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

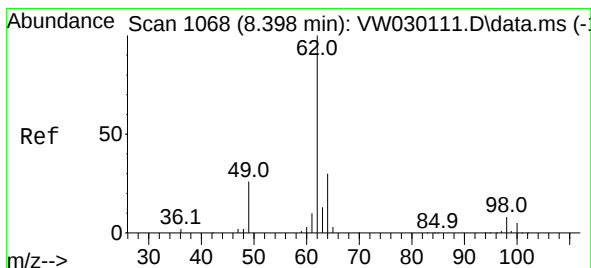
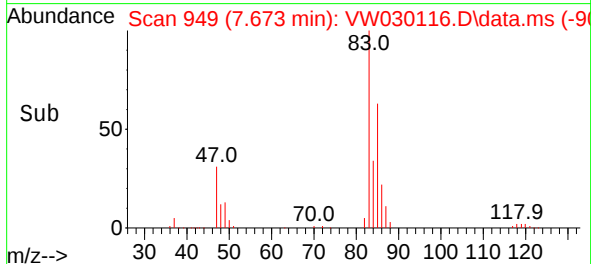
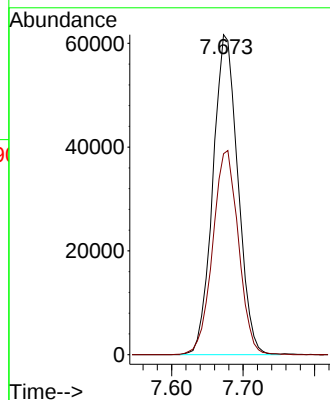
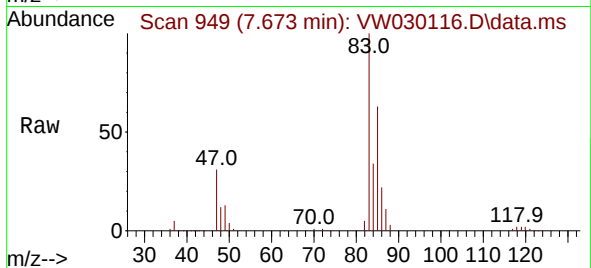
ClientSampleId :

Tgt Ion: 83 Resp: 149862

Ion Ratio Lower Upper

83 100

85 62.8 44.4 82.4



#27

1,2-Dichloroethane

Concen: 24.244 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030116.D

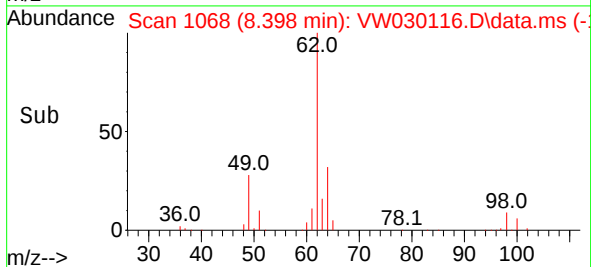
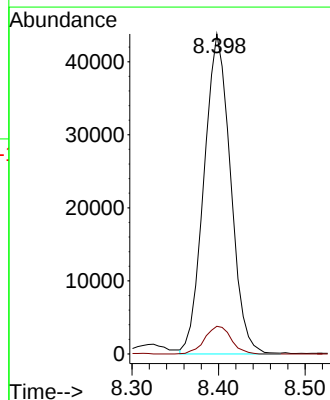
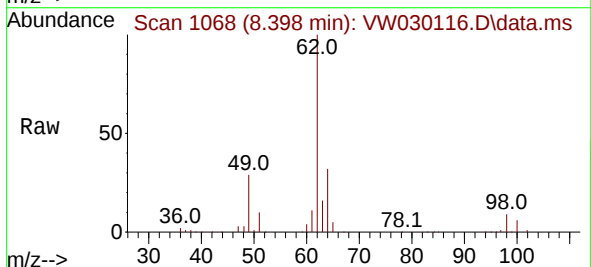
Acq: 30 Aug 2024 15:15

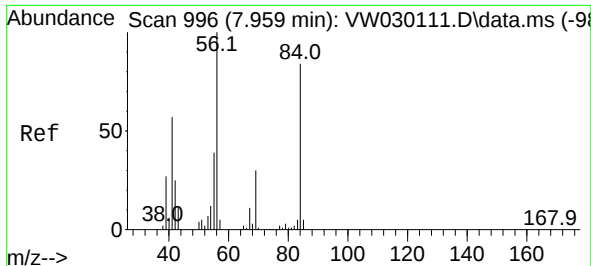
Tgt Ion: 62 Resp: 93235

Ion Ratio Lower Upper

62 100

98 8.7 7.7 11.5





#29

Cyclohexane

Concen: 23.828 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

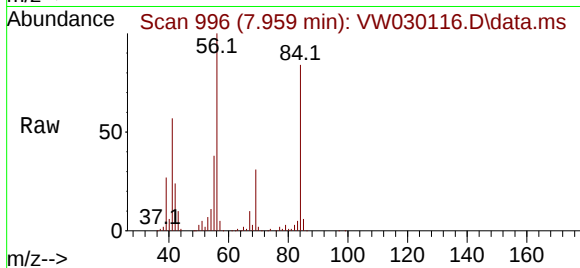
Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

ClientSampleId :



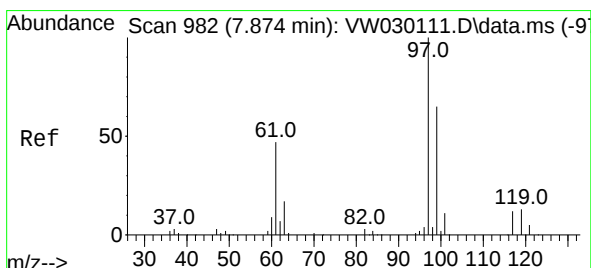
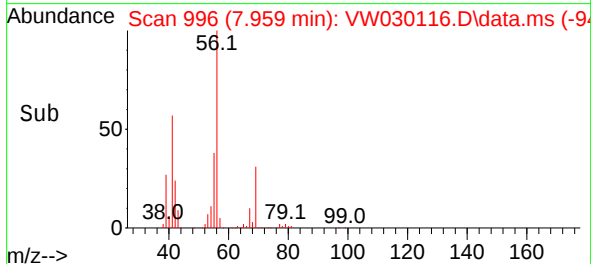
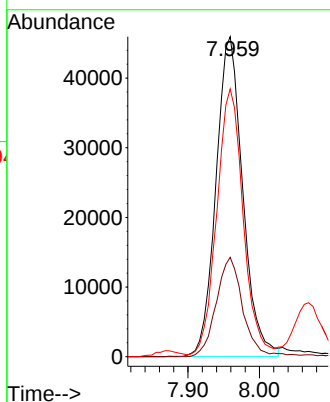
Tgt Ion: 56 Resp: 119104

Ion Ratio Lower Upper

56 100

69 30.3 24.4 36.6

84 82.8 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 25.041 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

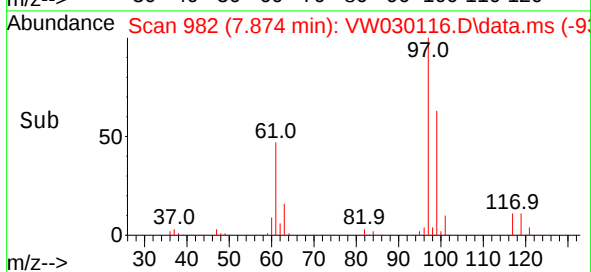
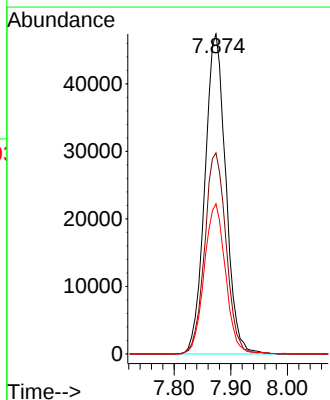
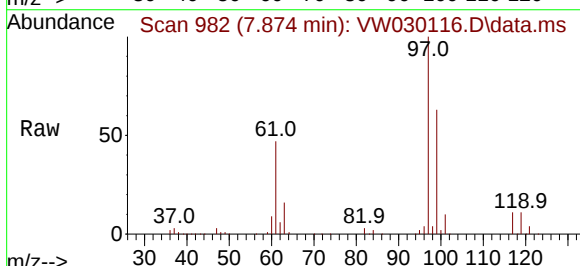
Tgt Ion: 97 Resp: 121417

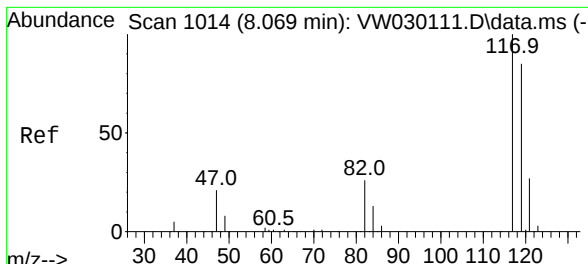
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 47.7 37.2 55.8

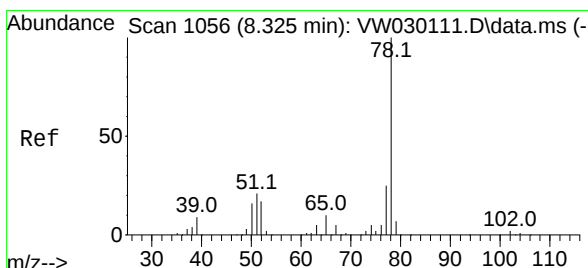
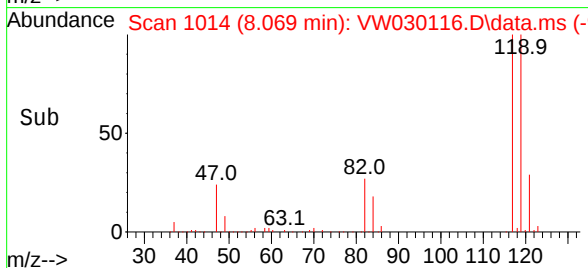
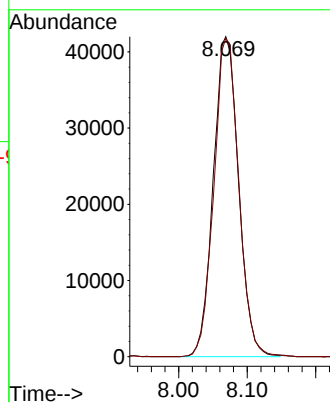
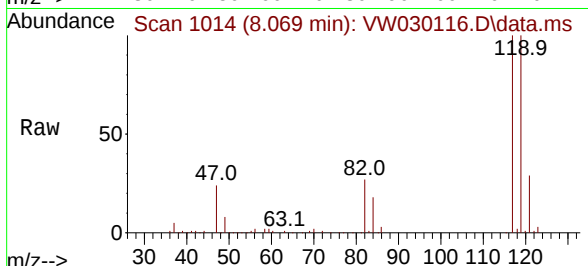




#31
Carbon tetrachloride
Concen: 24.613 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

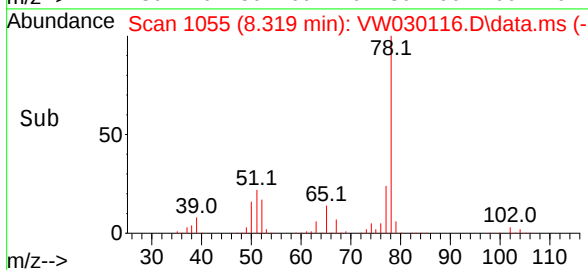
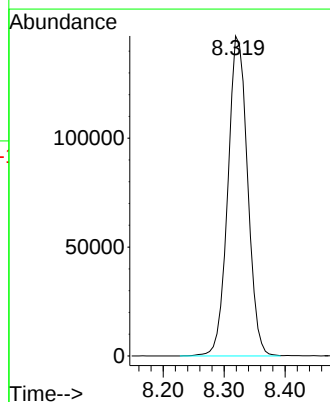
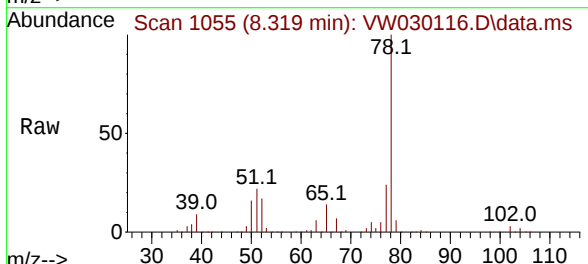
Instrument :
MSVOA_W
ClientSampleId :

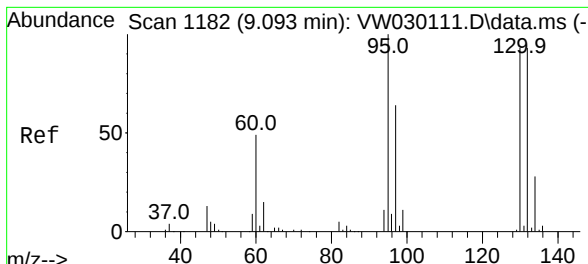
Tgt Ion:117 Resp: 107218
Ion Ratio Lower Upper
117 100
119 98.3 77.7 116.5



#33
Benzene
Concen: 24.911 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

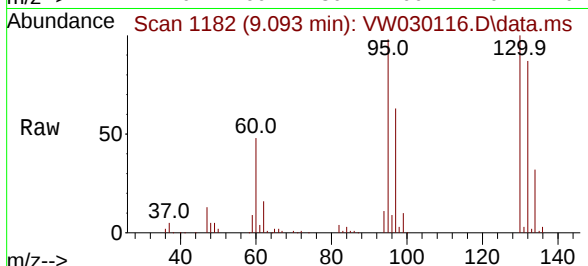
Tgt Ion: 78 Resp: 330408





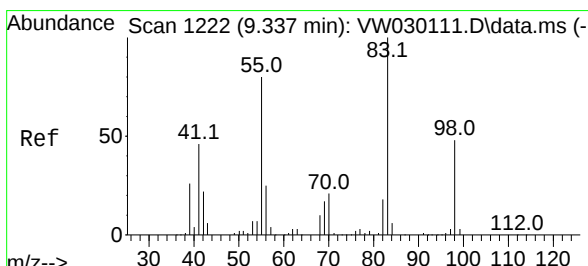
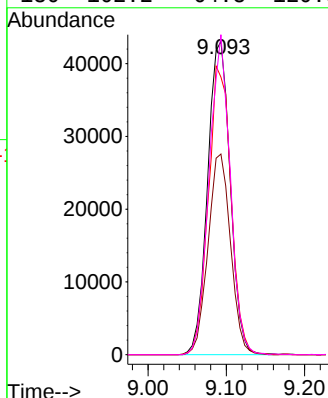
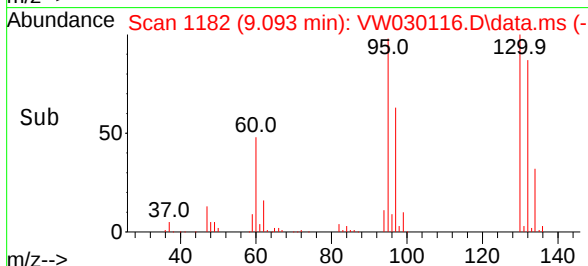
#34
 Trichloroethene
 Concen: 24.112 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: VW030116.D
 Acq: 30 Aug 2024 15:15

Instrument :
 MSVOA_W
 ClientSampleId :

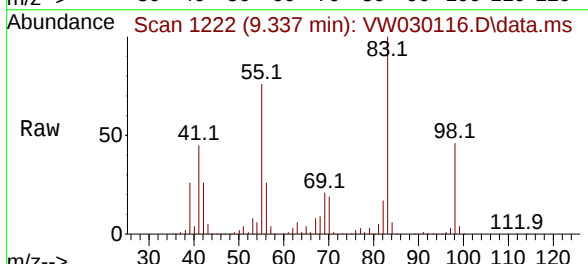


Tgt Ion: 95 Resp: 86115

Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.3	80.5
132	88.6	63.6	118.0
130	102.2	64.8	120.3

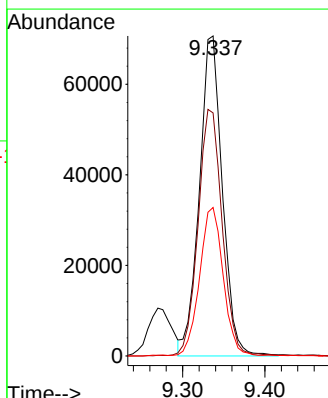
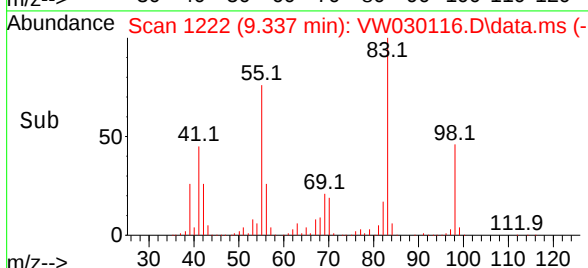


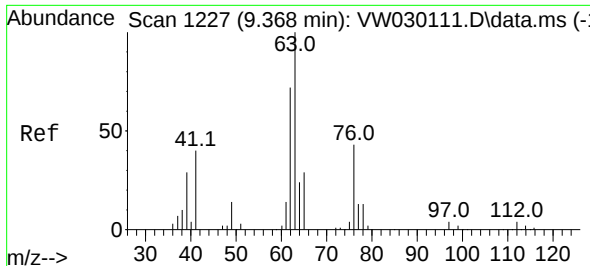
#35
 Methylcyclohexane
 Concen: 23.510 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VW030116.D
 Acq: 30 Aug 2024 15:15



Tgt Ion: 83 Resp: 137515

Ion	Ratio	Lower	Upper
83	100		
55	80.8	59.0	88.6
98	47.7	38.2	57.4





#37

1,2-Dichloropropane

Concen: 26.007 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

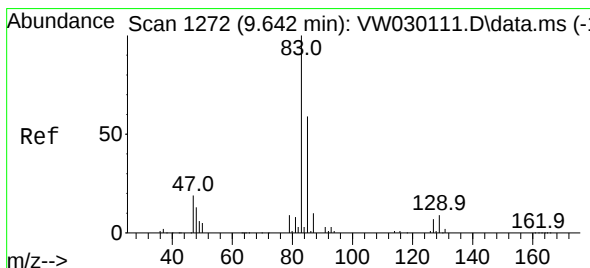
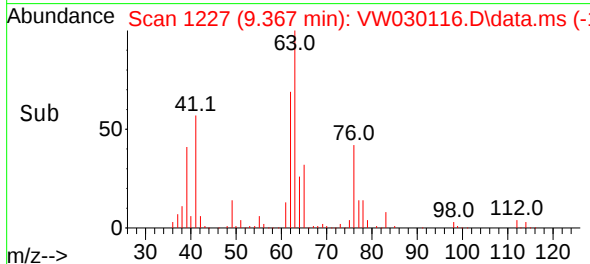
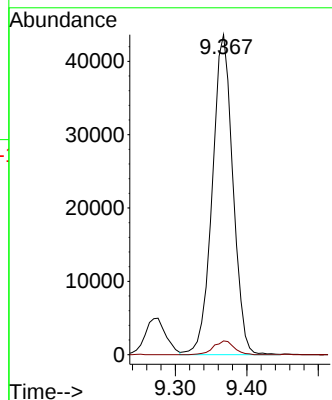
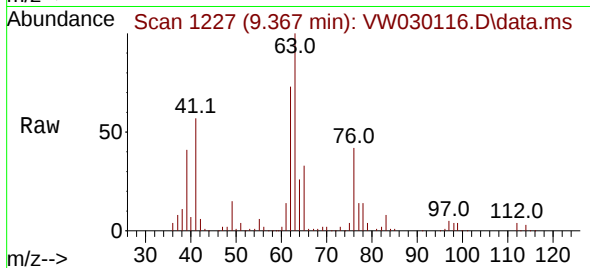
ClientSampleId :

Tgt Ion: 63 Resp: 87347

Ion Ratio Lower Upper

63 100

112 4.3 3.7 5.5



#38

Bromodichloromethane

Concen: 24.416 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

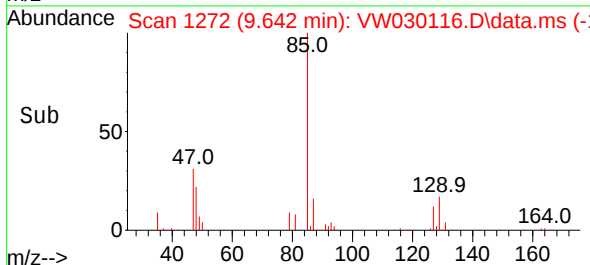
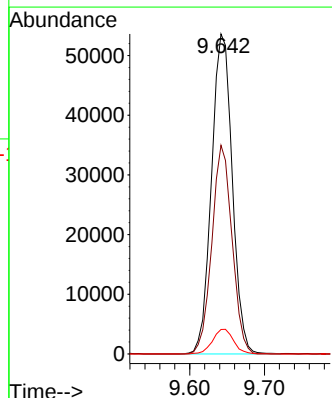
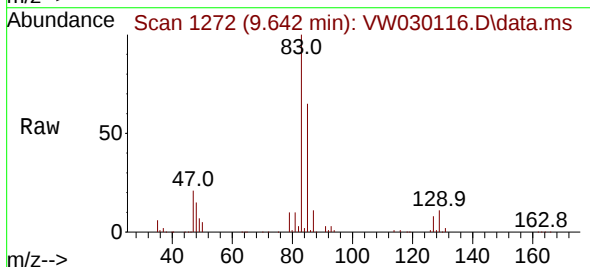
Tgt Ion: 83 Resp: 103471

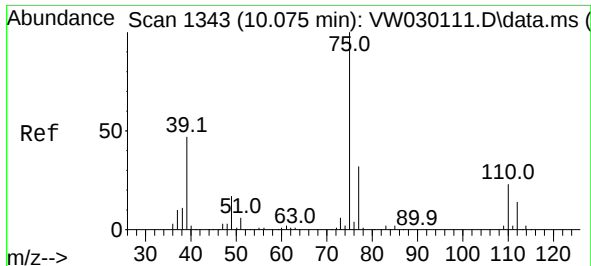
Ion Ratio Lower Upper

83 100

85 65.2 42.9 79.7

127 7.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 24.105 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

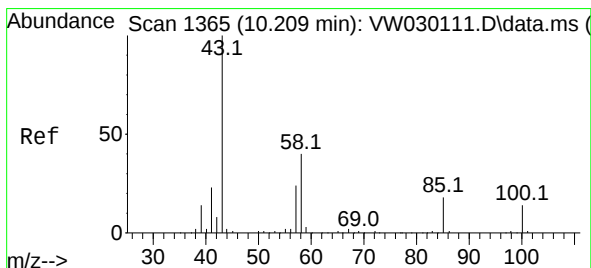
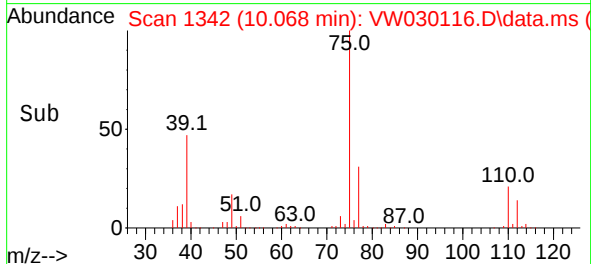
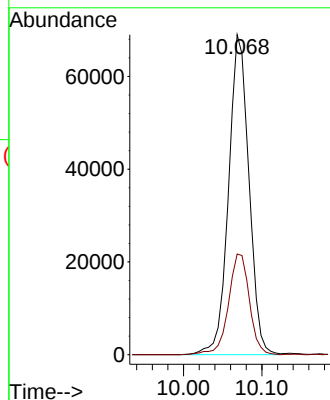
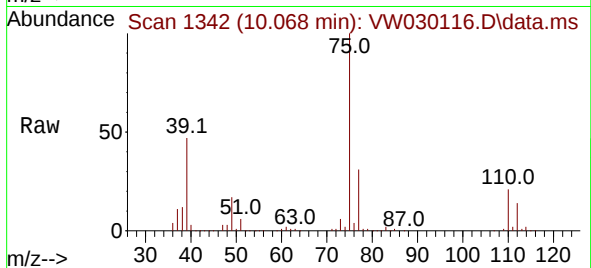
ClientSampleId :

Tgt Ion: 75 Resp: 124611

Ion Ratio Lower Upper

75 100

77 31.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 48.066 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

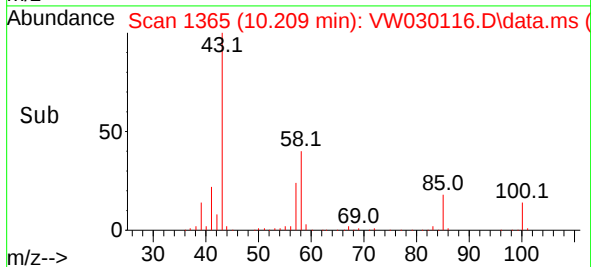
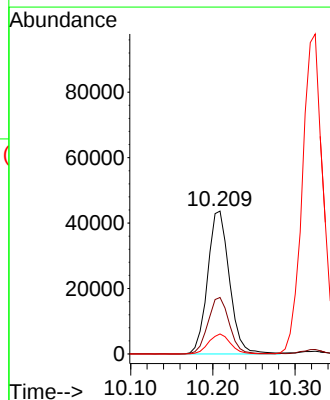
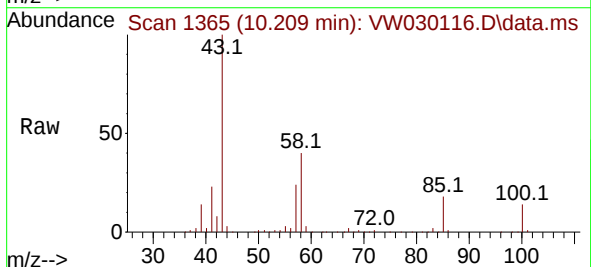
Tgt Ion: 43 Resp: 80360

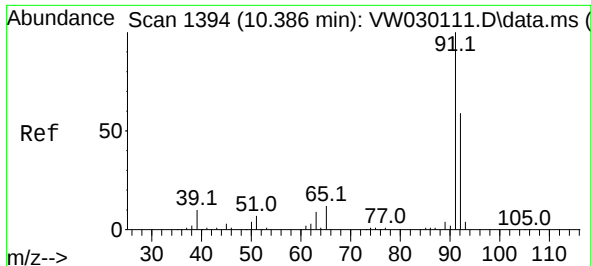
Ion Ratio Lower Upper

43 100

58 38.9 34.0 51.0

100 14.1 13.5 20.3





#42

Toluene

Concen: 25.251 ug/L

RT: 10.385 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

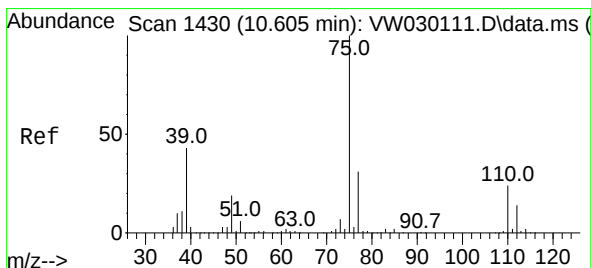
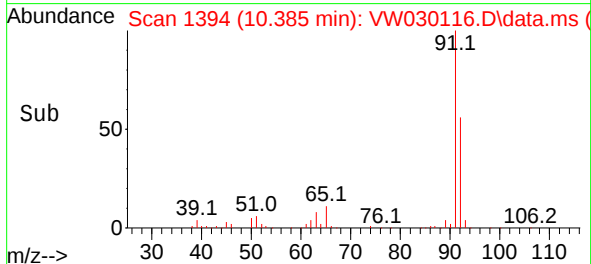
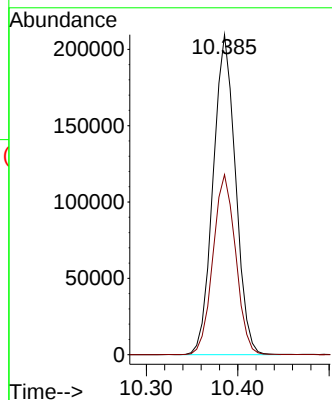
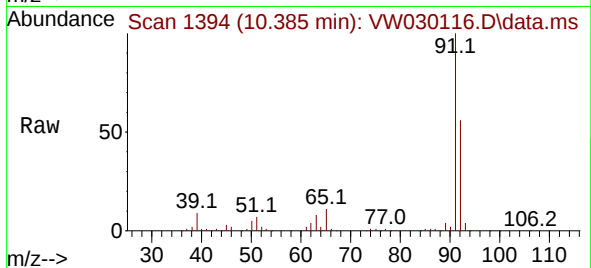
ClientSampleId :

Tgt Ion: 91 Resp: 356658

Ion Ratio Lower Upper

91 100

92 56.3 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 23.935 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030116.D

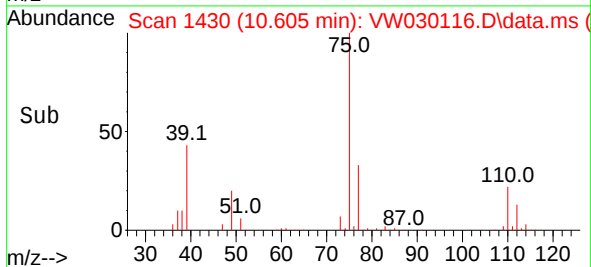
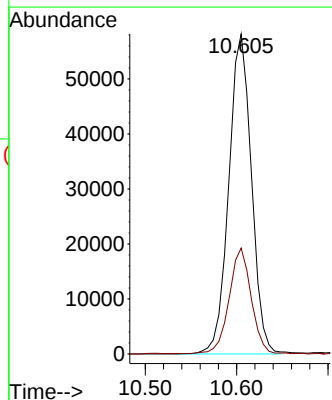
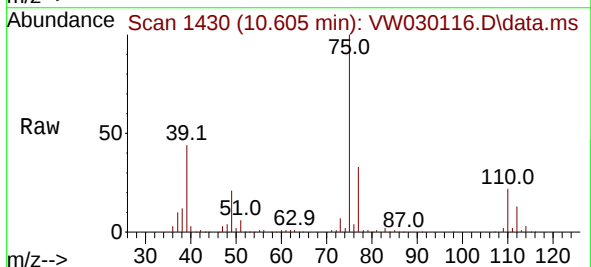
Acq: 30 Aug 2024 15:15

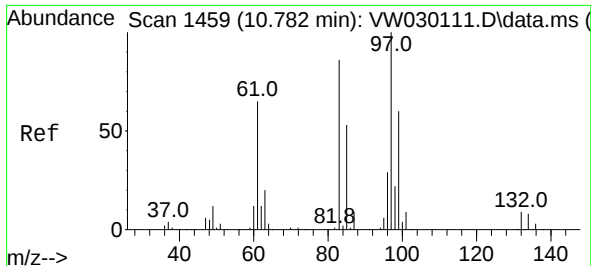
Tgt Ion: 75 Resp: 100121

Ion Ratio Lower Upper

75 100

77 33.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 22.748 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

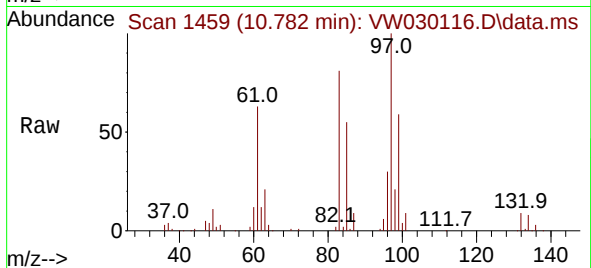
Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 56000

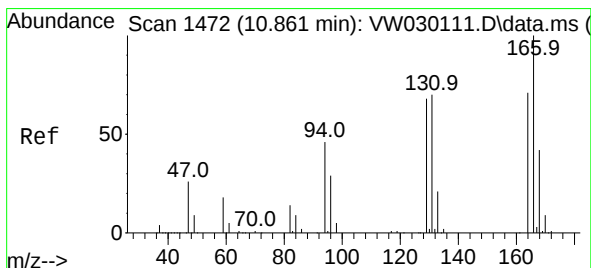
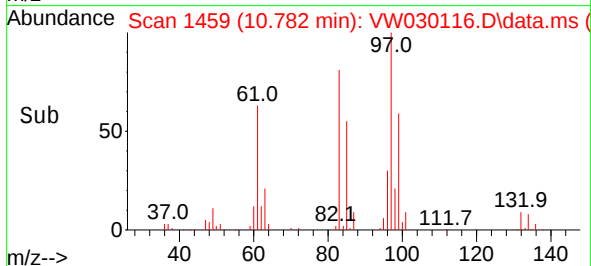
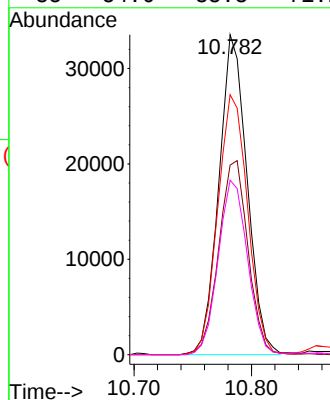
Ion Ratio Lower Upper

97 100

99 59.3 40.3 74.8

83 81.3 58.0 107.6

85 54.6 38.3 71.1



#46

Tetrachloroethene

Concen: 22.206 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Tgt Ion:164 Resp: 60192

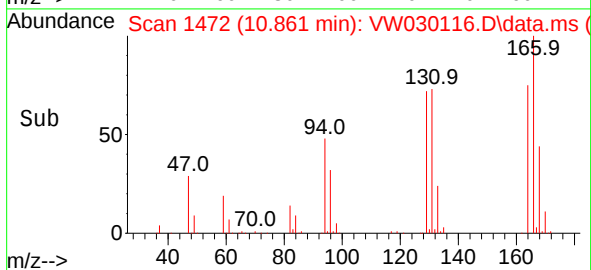
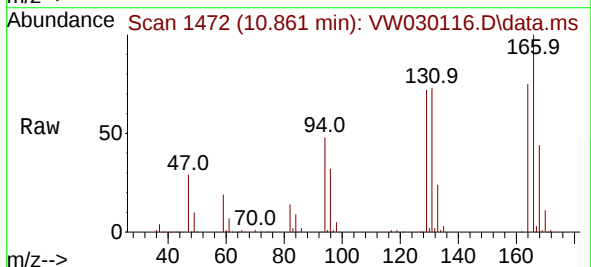
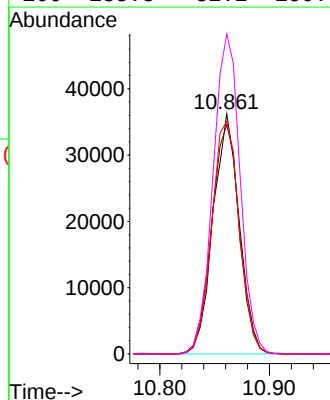
Ion Ratio Lower Upper

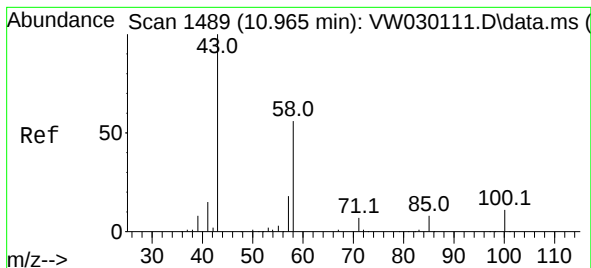
164 100

129 95.5 66.1 122.7

131 96.8 62.6 116.2

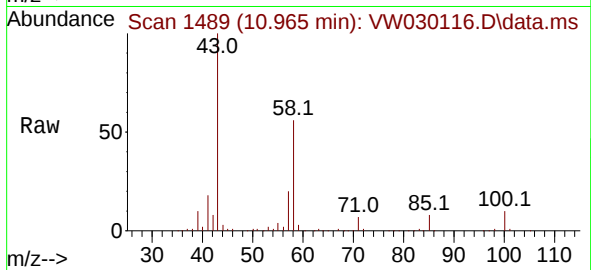
166 133.3 81.2 150.8



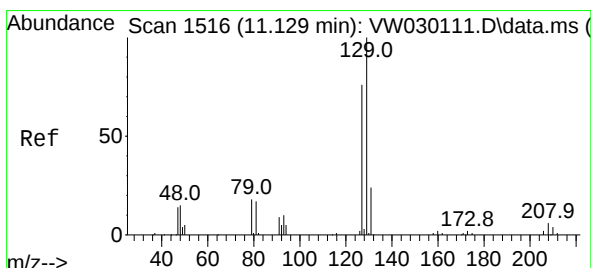
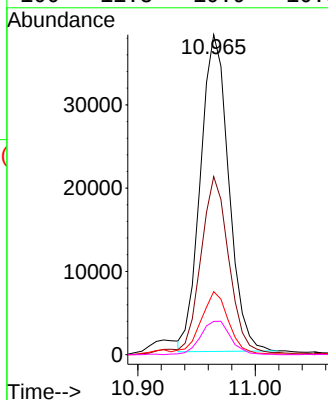
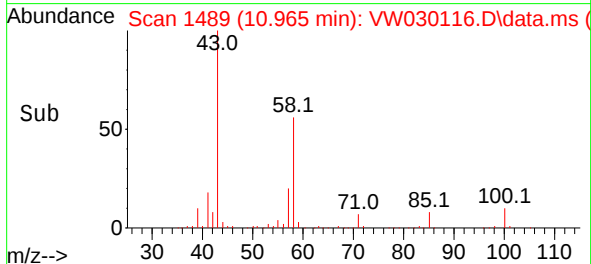


#48
2-Hexanone
Concen: 53.676 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

Instrument :
MSVOA_W
ClientSampleId :

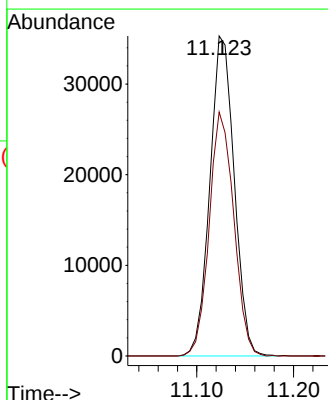
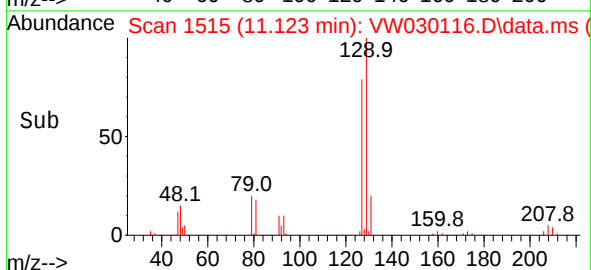
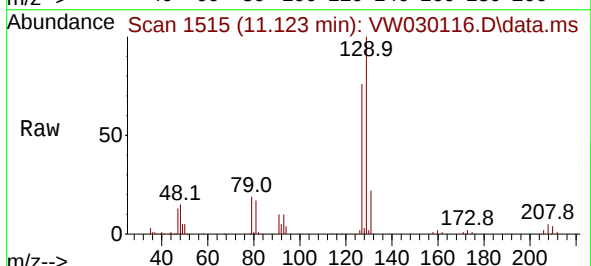


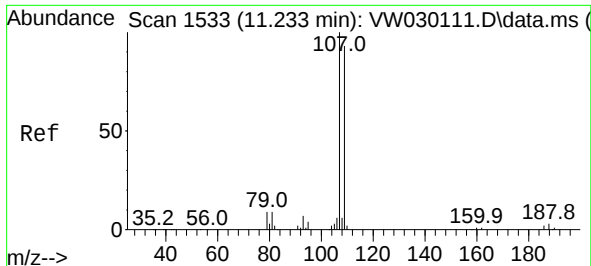
Tgt	Ion: 43	Resp: 63796	
Ion	Ratio	Lower	Upper
43	100		
58	55.9	50.0	75.0
57	19.9	17.3	25.9
100	11.3	10.9	16.3



#49
Dibromochloromethane
Concen: 23.614 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

Tgt	Ion:129	Resp:	61767
Ion	Ratio	Lower	Upper
129	100		
127	76.2	51.8	96.2





#50

1,2-Dibromoethane

Concen: 22.346 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

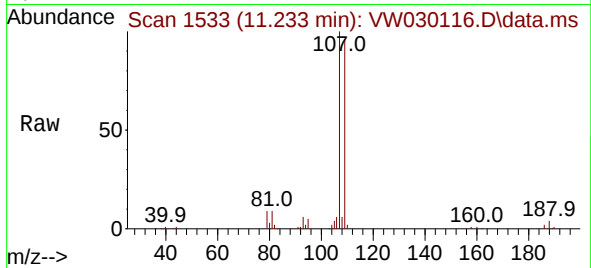
Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

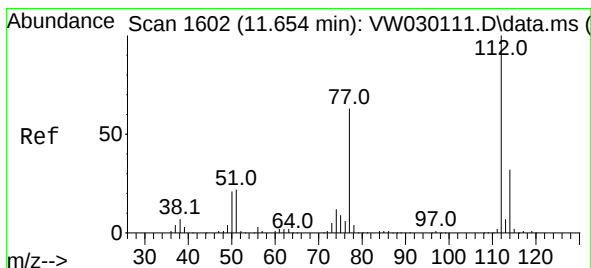
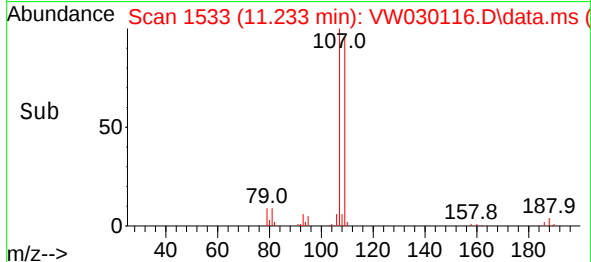
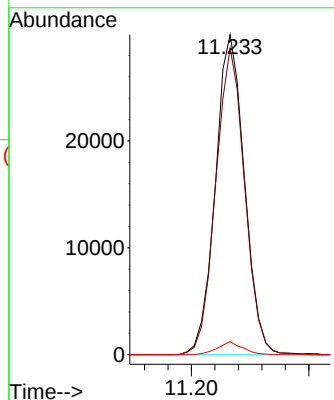
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	51385
Ion Ratio	Lower	Upper	
107	100		
109	95.9	61.7	114.5
188	4.1	3.1	4.7



#51

Chlorobenzene

Concen: 23.819 ug/L

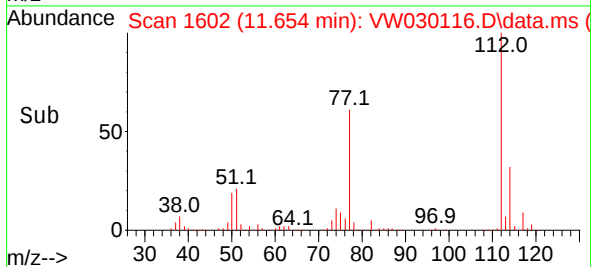
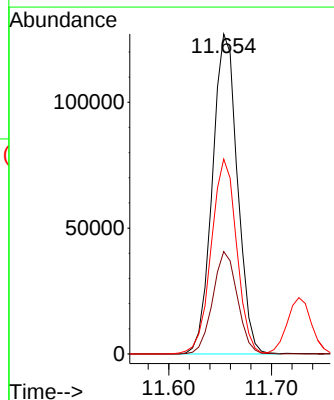
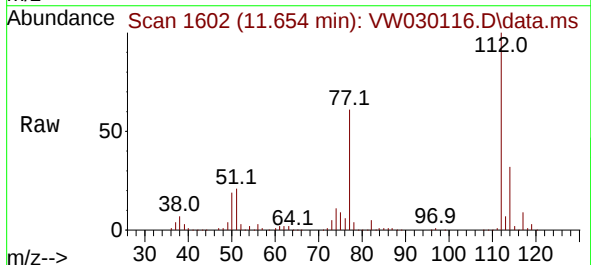
RT: 11.654 min Scan# 1602

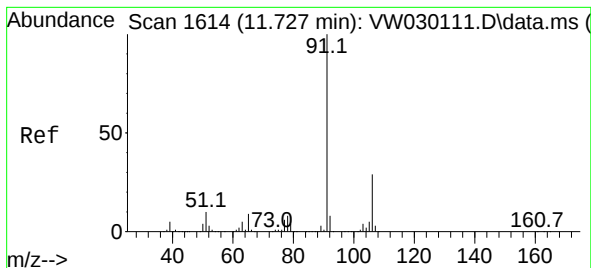
Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Tgt Ion:	112	Resp:	215119
Ion Ratio	Lower	Upper	
112	100		
114	32.0	20.9	38.9
77	60.9	47.1	70.7

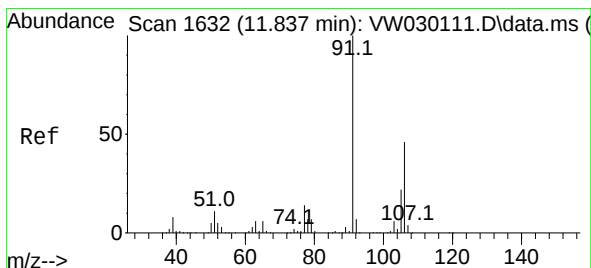
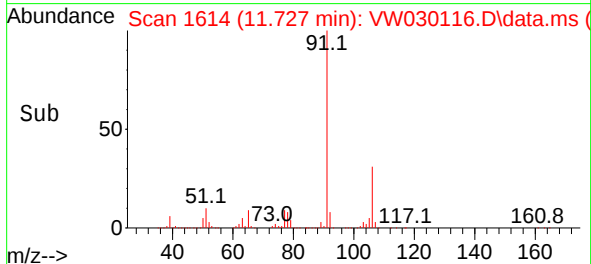
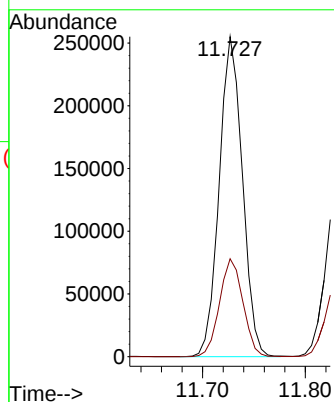
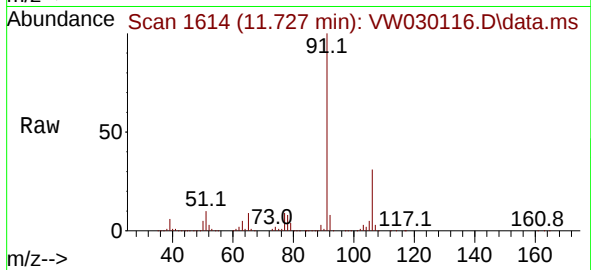




#52
Ethylbenzene
Concen: 24.978 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

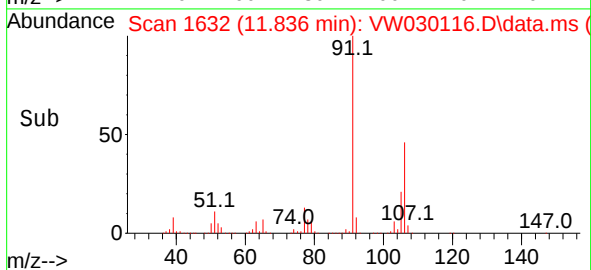
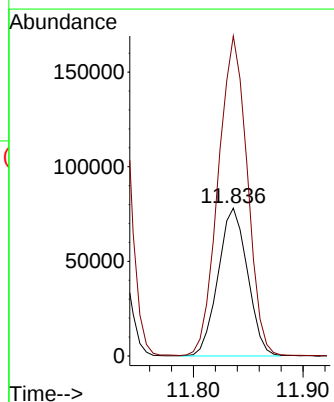
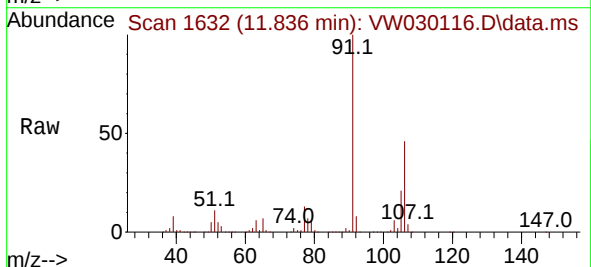
Instrument :
MSVOA_W
ClientSampleId :

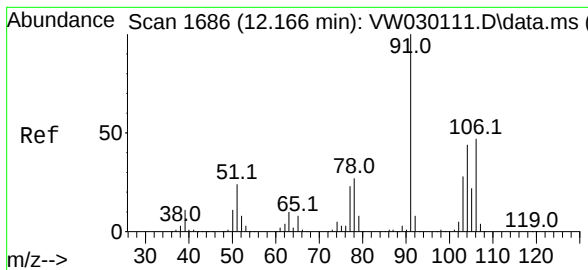
Tgt Ion: 91 Resp: 399746
Ion Ratio Lower Upper
91 100
106 30.6 22.0 41.0



#53
m,p-Xylene
Concen: 24.389 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

Tgt Ion:106 Resp: 145664
Ion Ratio Lower Upper
106 100
91 216.3 146.7 272.4

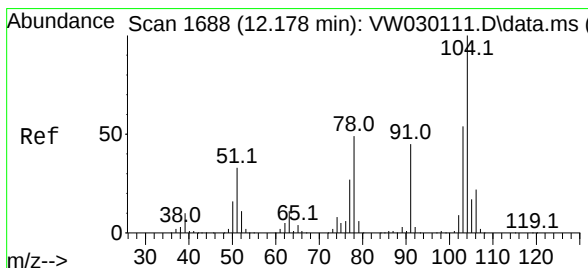
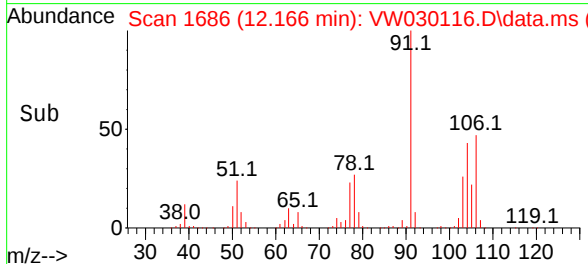
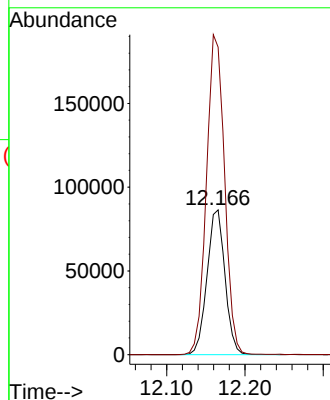
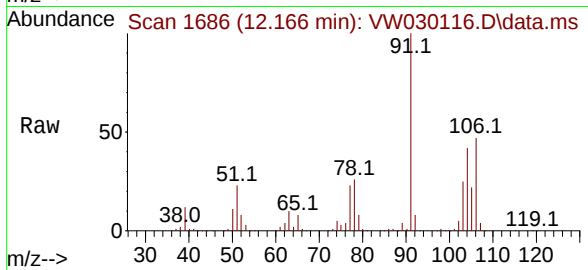




#54
o-Xylene
Concen: 23.965 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

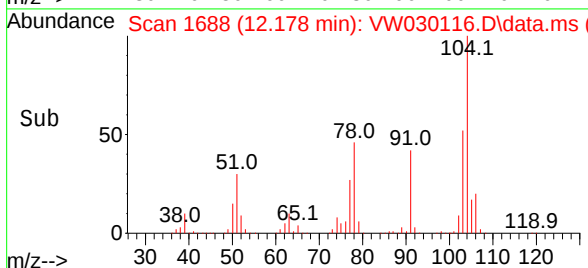
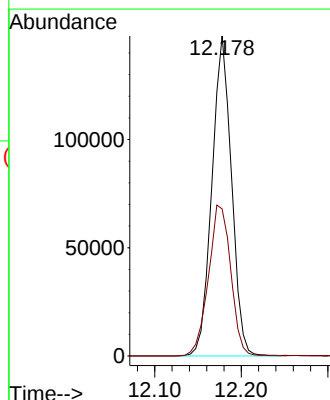
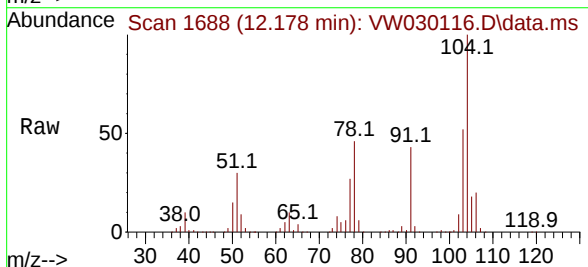
Instrument :
MSVOA_W
ClientSampleId :

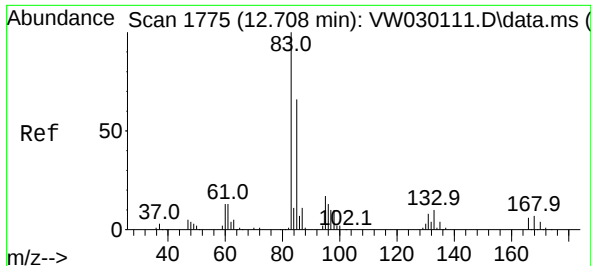
Tgt Ion:106 Resp: 137380
Ion Ratio Lower Upper
106 100
91 212.5 153.9 285.7



#55
Styrene
Concen: 24.195 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

Tgt Ion:104 Resp: 232383
Ion Ratio Lower Upper
104 100
78 46.0 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 23.474 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW030116.D

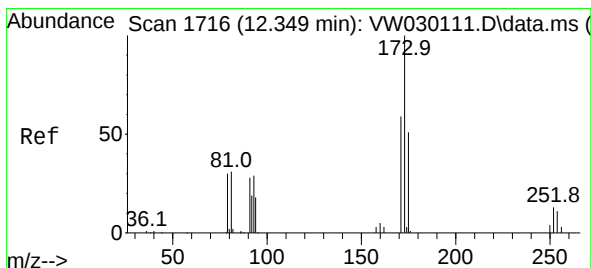
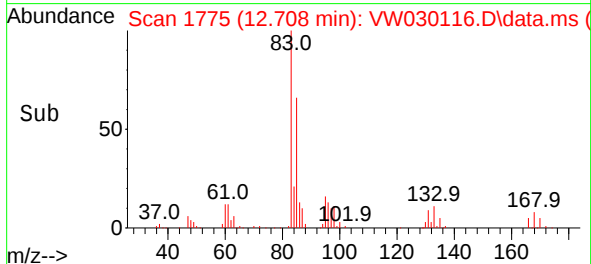
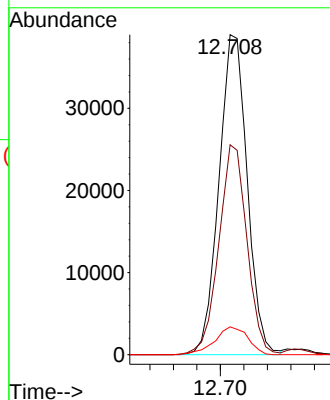
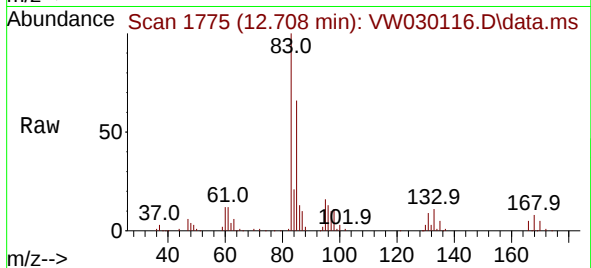
Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	65074
Ion Ratio	Lower	Upper	
83	100		
85	65.6	44.0	81.8
131	8.7	7.3	10.9



#59

Bromoform

Concen: 22.383 ug/L

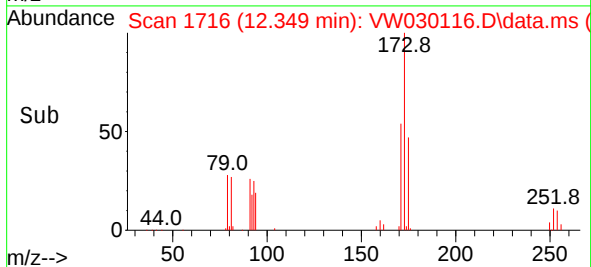
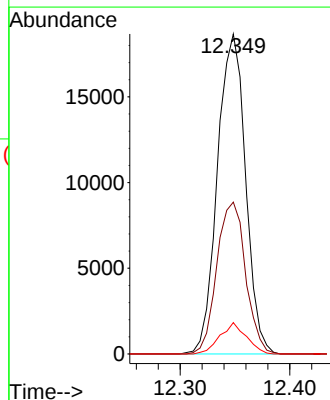
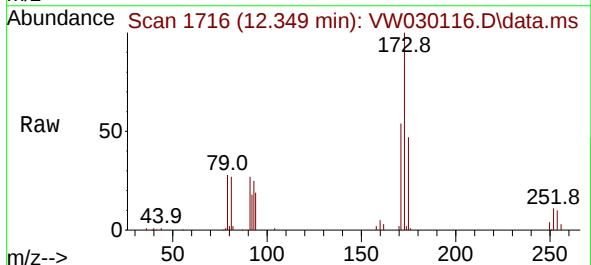
RT: 12.349 min Scan# 1716

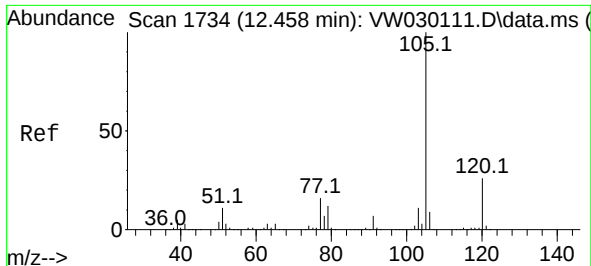
Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

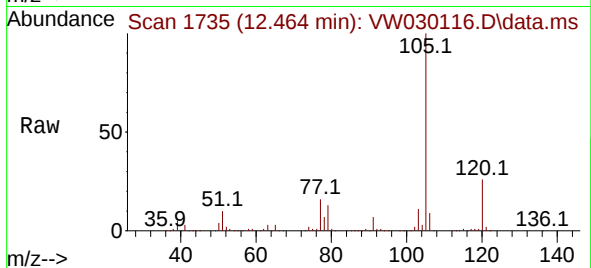
Tgt Ion:	173	Resp:	33227
Ion Ratio	Lower	Upper	
173	100		
175	48.6	41.4	62.2
254	9.2	8.6	13.0



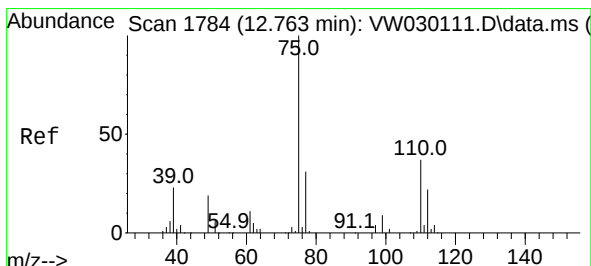
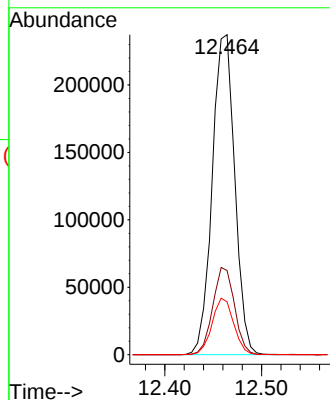
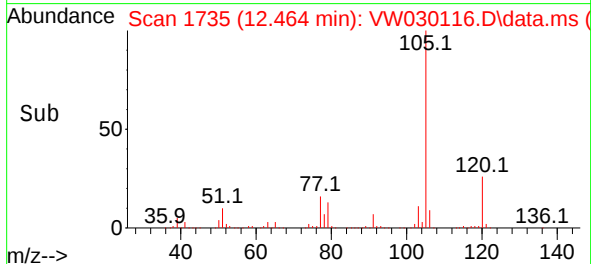


#60
Isopropylbenzene
Concen: 24.144 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15

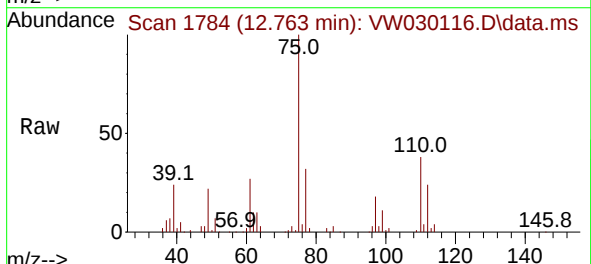
Instrument :
MSVOA_W
ClientSampleId :



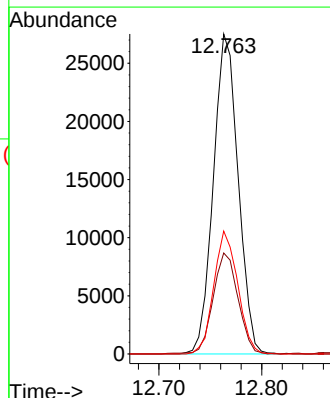
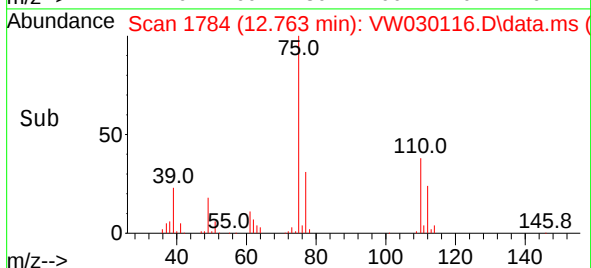
Tgt Ion:105 Resp: 383987
Ion Ratio Lower Upper
105 100
120 26.4 20.6 30.8
77 17.0 12.6 18.8

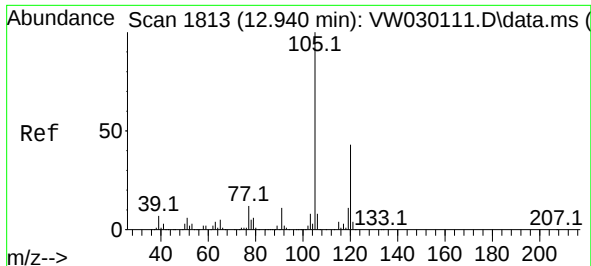


#61
1,2,3-Trichloropropane
Concen: 22.702 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030116.D
Acq: 30 Aug 2024 15:15



Tgt Ion: 75 Resp: 46015
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 37.2 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 27.098 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

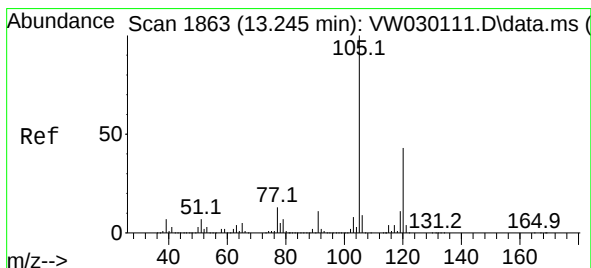
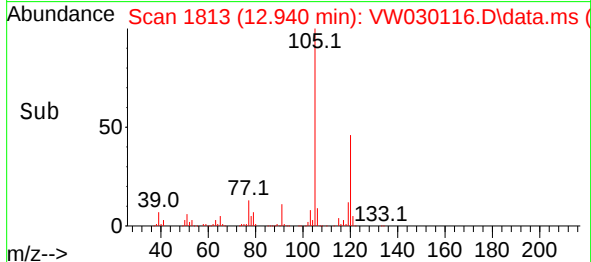
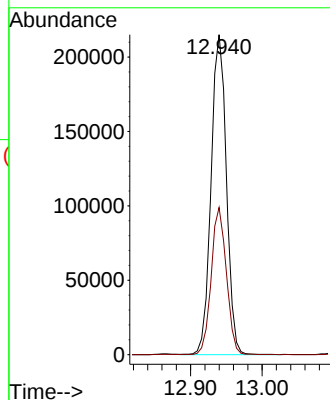
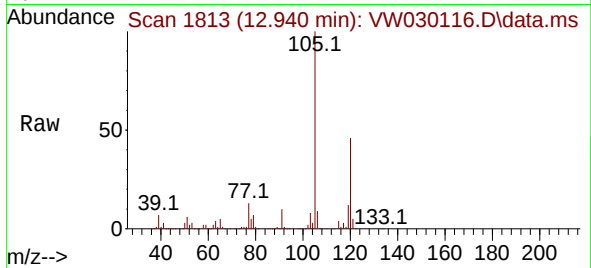
ClientSampleId :

Tgt Ion:105 Resp: 320442

Ion Ratio Lower Upper

105 100

120 45.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 24.130 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030116.D

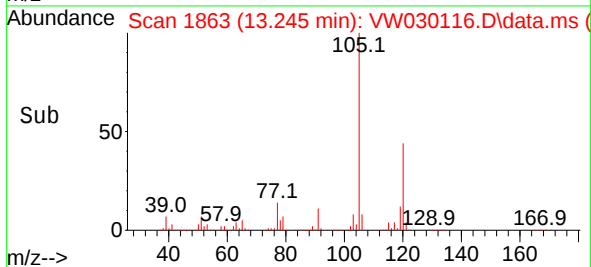
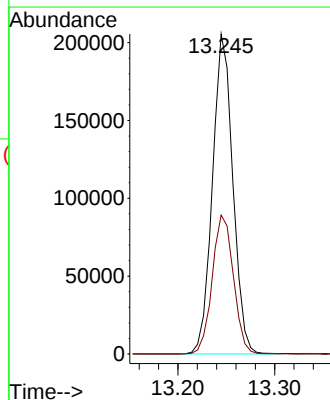
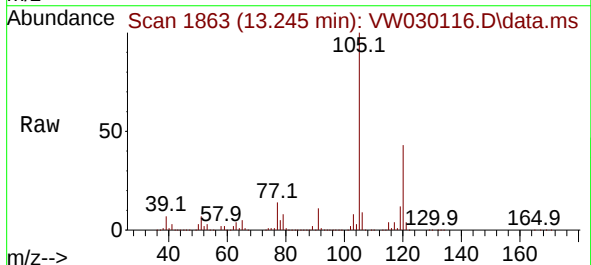
Acq: 30 Aug 2024 15:15

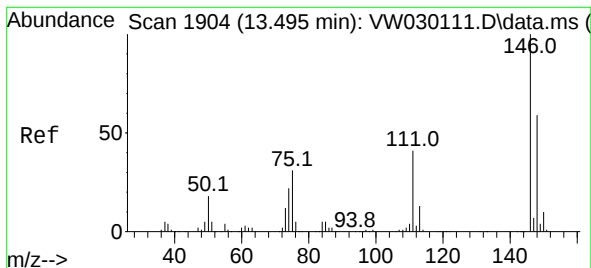
Tgt Ion:105 Resp: 300761

Ion Ratio Lower Upper

105 100

120 45.1 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 24.002 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

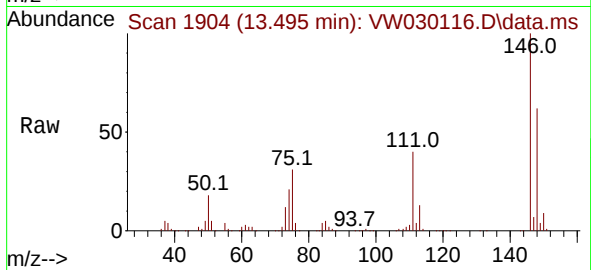
Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

ClientSampleId :



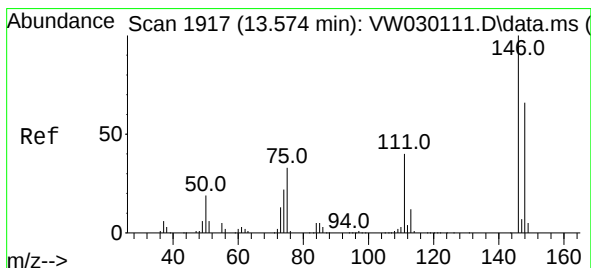
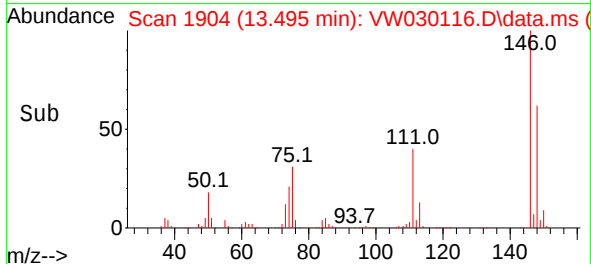
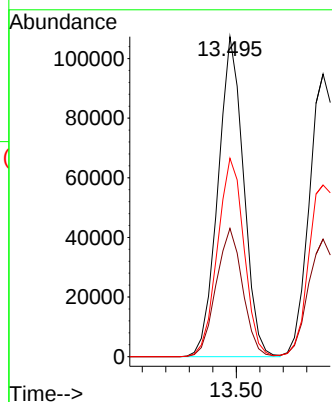
Tgt Ion:146 Resp: 162733

Ion Ratio Lower Upper

146 100

111 40.1 29.1 54.1

148 62.0 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 23.386 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

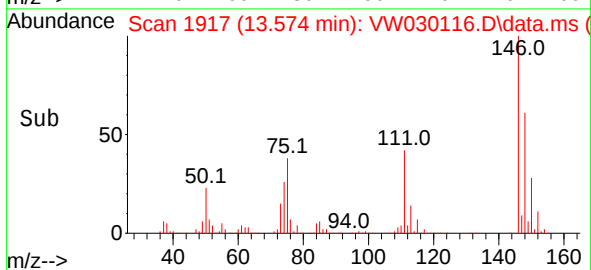
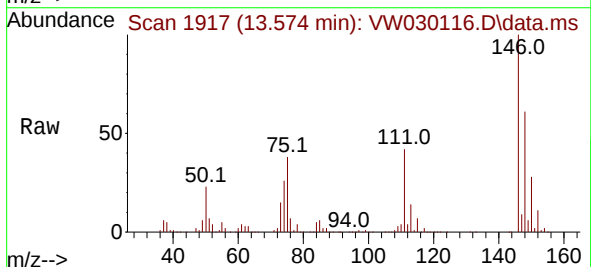
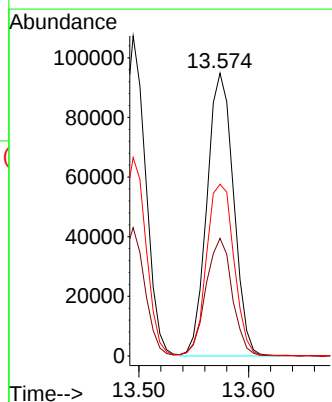
Tgt Ion:146 Resp: 160175

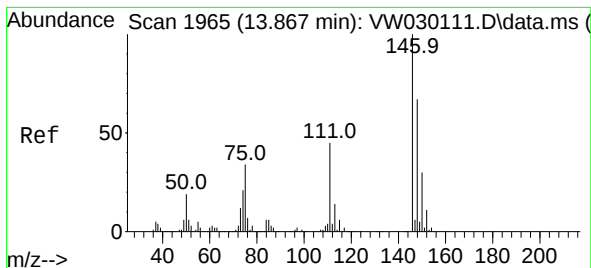
Ion Ratio Lower Upper

146 100

111 41.6 28.2 52.4

148 60.7 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 22.946 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

ClientSampleId :

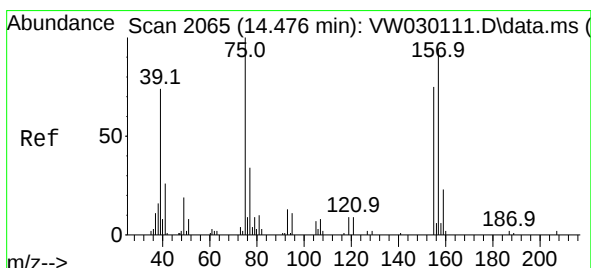
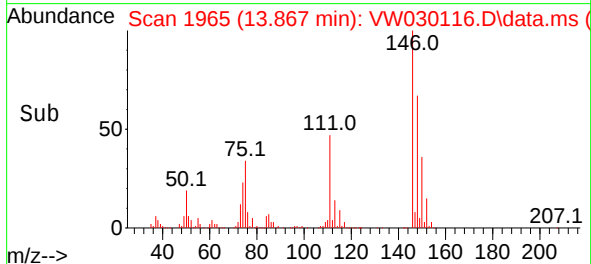
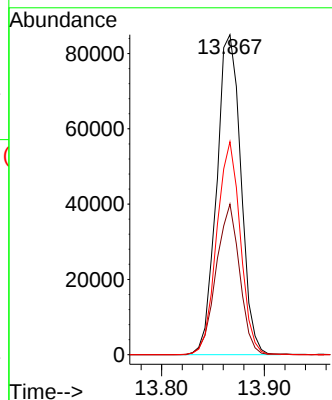
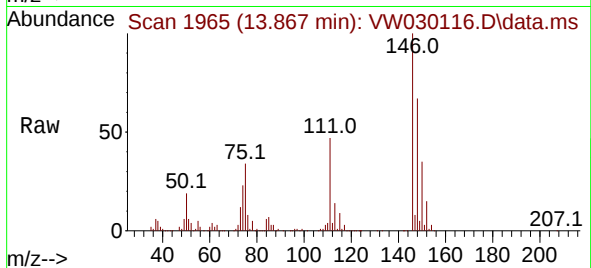
Tgt Ion:146 Resp: 139166

Ion Ratio Lower Upper

146 100

111 47.1 34.7 52.1

148 66.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.304 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

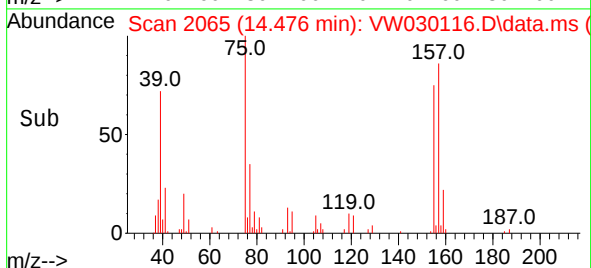
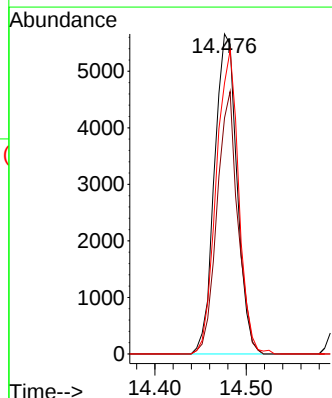
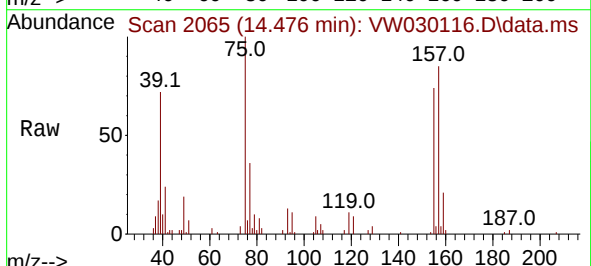
Tgt Ion: 75 Resp: 9677

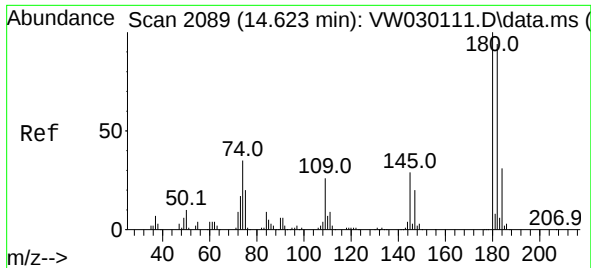
Ion Ratio Lower Upper

75 100

155 73.8 62.8 94.2

157 84.6 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 23.711 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

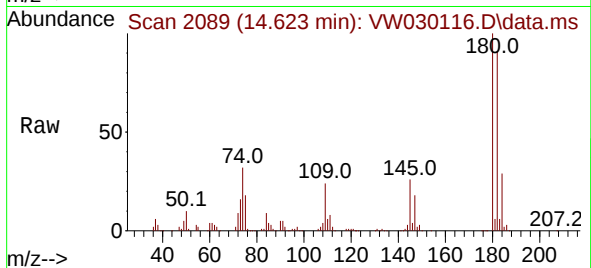
Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 104954

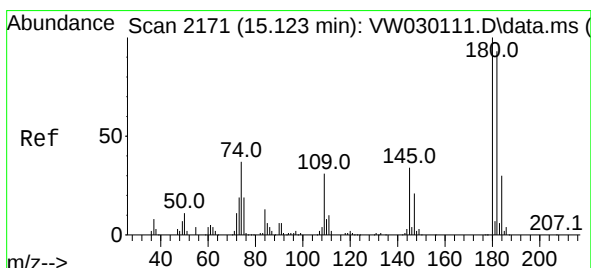
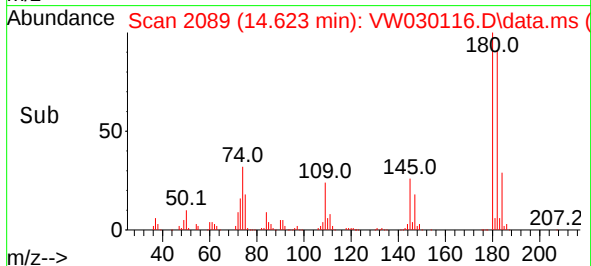
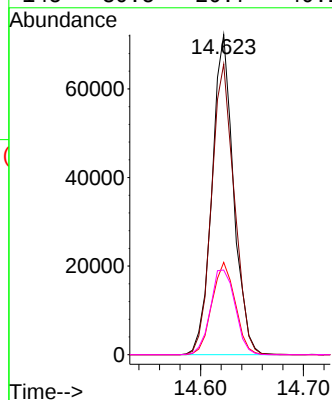
Ion Ratio Lower Upper

180 100

182 95.7 79.7 119.5

184 31.0 25.1 37.7

145 30.5 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 21.897 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

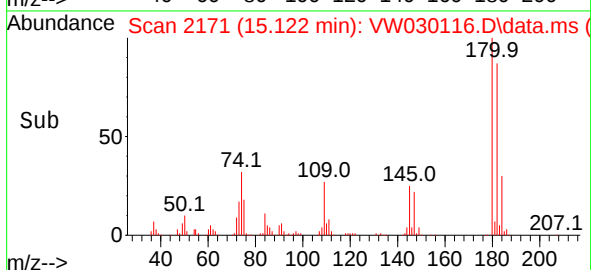
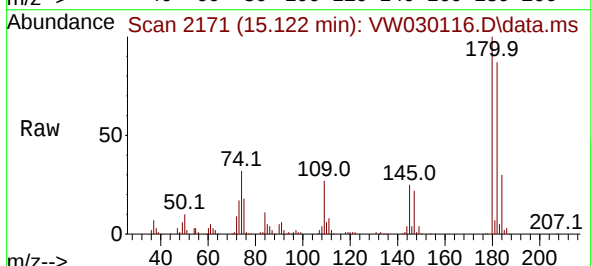
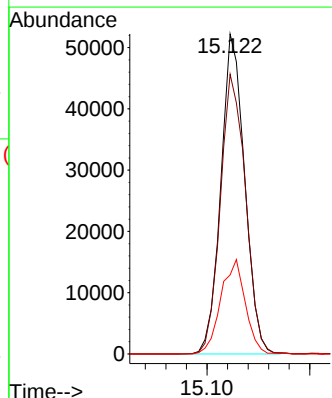
Tgt Ion:180 Resp: 83890

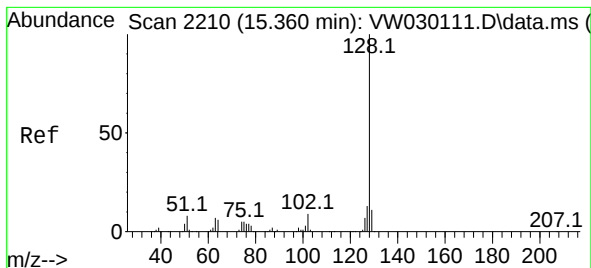
Ion Ratio Lower Upper

180 100

182 92.3 75.3 112.9

145 30.3 24.7 37.1





#71

Naphthalene

Concen: 20.310 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Instrument :

MSVOA_W

ClientSampleId :

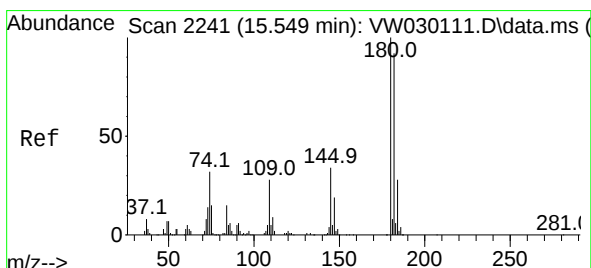
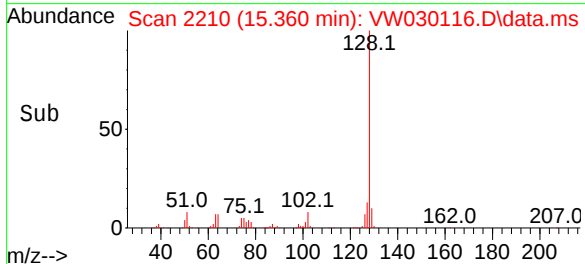
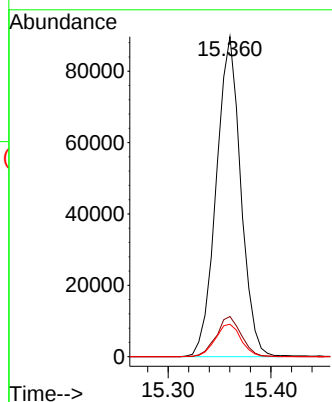
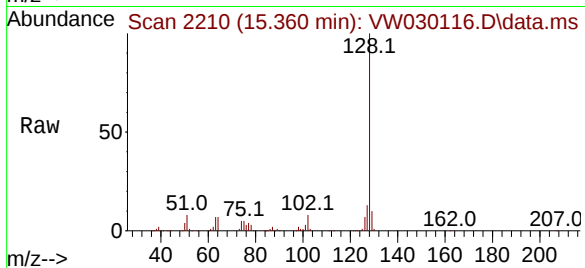
Tgt Ion:128 Resp: 148581

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 21.812 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW030116.D

Acq: 30 Aug 2024 15:15

Tgt Ion:180 Resp: 73349

Ion Ratio Lower Upper

180 100

182 94.4 77.2 115.8

145 33.9 26.5 39.7

