

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
 Data File : VW030821.D
 Acq On : 29 Oct 2024 22:04
 Operator : SY/MD
 Sample : P4568-04MS
 Misc : 4.98g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 30 01:21:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 30 01:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	349252	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	262667	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	87470	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43177	7.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	31.480%
7) Chloroethane-d5	2.905	69	54567	13.131	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.520%
11) 1,1-Dichloroethene-d2	4.179	65	127	0.056	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.240%#
21) 2-Butanone-d5	7.081	46	48258	48.847	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.700%
24) Chloroform-d	7.648	84	194338	19.457	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.840%
26) 1,2-Dichloroethane-d4	8.307	65	95238	18.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.360%
32) Benzene-d6	8.276	84	240294	15.762	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.040%
36) 1,2-Dichloropropane-d6	9.276	67	96072	21.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.880%
41) Toluene-d8	10.325	98	167364	12.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	48.120%
43) trans-1,3-Dichloroprop...	10.575	79	32807	17.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.040%
47) 2-Hexanone-d5	10.922	63	35332	61.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85308	25.960	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	50603	17.098	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	62962	14.110	ug/L	95
3) Chloromethane	2.222	50	70680	13.629	ug/L	99
5) Vinyl chloride	2.375	62	96522	15.134	ug/L	98
6) Bromomethane	2.789	94	66223	15.775	ug/L	94
8) Chloroethane	2.936	64	65315	16.753	ug/L	99
9) Trichlorofluoromethane	3.271	101	83795	14.684	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88587	17.254	ug/L	96
12) 1,1-Dichloroethene	4.045	96	68077	14.528	ug/L	85
13) Acetone	4.131	43	40547	28.034	ug/L	96
14) Carbon disulfide	4.393	76	157175	10.272	ug/L	99
15) Methyl Acetate	4.673	43	28586	16.000	ug/L	98
16) Methylene chloride	4.917	84	87236	16.522	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	74377	14.710	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	127653	18.039	ug/L	99
19) 1,1-Dichloroethane	6.216	63	173227	18.434	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	89007	16.504	ug/L	97
22) 2-Butanone	7.179	43	39441	25.298	ug/L	99
23) Bromochloromethane	7.514	128	40133	17.011	ug/L #	88
25) Chloroform	7.679	83	184519	18.374	ug/L	100

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 Response via : Initial Calibration

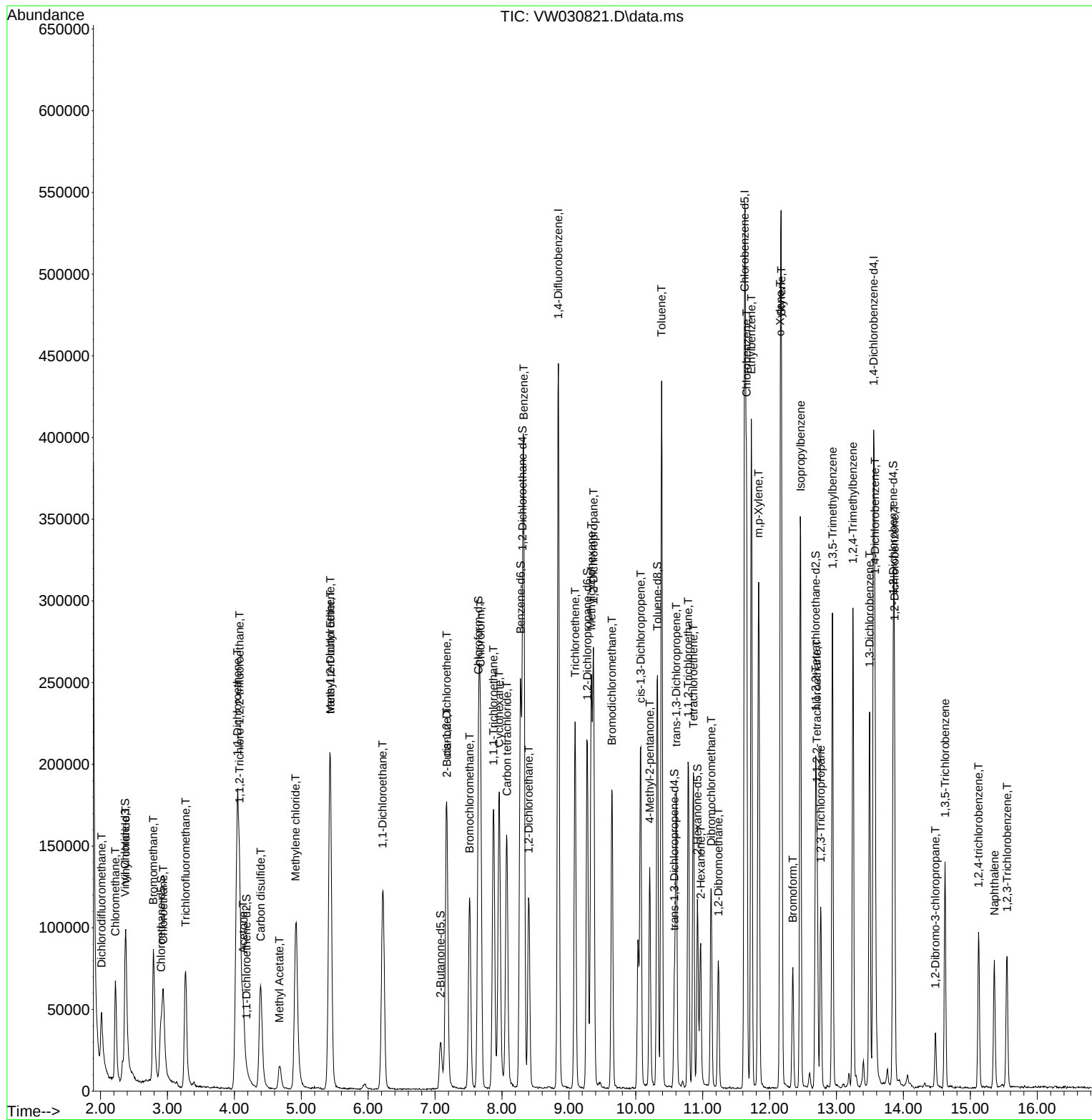
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	108688	16.405	ug/L	98
29) Cyclohexane	7.959	56	90799	14.201	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	137666	19.743	ug/L	99
31) Carbon tetrachloride	8.075	117	110887	17.805	ug/L	99
33) Benzene	8.325	78	327806	19.178	ug/L	100
34) Trichloroethene	9.093	95	74489	15.664	ug/L	98
35) Methylcyclohexane	9.337	83	89986	12.024	ug/L	99
37) 1,2-Dichloropropane	9.368	63	90484	21.195	ug/L	100
38) Bromodichloromethane	9.642	83	117318	20.655	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	117860	18.303	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	83248	40.591	ug/L	99
42) Toluene	10.386	91	306149	16.788	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	93829	17.340	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	60370	19.566	ug/L	99
46) Tetrachloroethene	10.861	164	39770	11.339	ug/L	93
48) 2-Hexanone	10.971	43	56572	33.730	ug/L	96
49) Dibromochloromethane	11.129	129	60856	17.677	ug/L	96
50) 1,2-Dibromoethane	11.233	107	51168	17.773	ug/L	100
51) Chlorobenzene	11.654	112	172402	14.686	ug/L	97
52) Ethylbenzene	11.727	91	272768	13.109	ug/L	100
53) m,p-Xylene	11.837	106	95735	12.281	ug/L	98
54) o-Xylene	12.160	106	97086	13.471	ug/L	100
55) Styrene	12.178	104	146962	11.928	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	61296	17.617	ug/L	97
59) Bromoform	12.349	173	30495	24.814	ug/L	99
60) Isopropylbenzene	12.465	105	212666	15.700	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	44068	25.891	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	148847	13.928	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	150639	14.397	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	87056	14.765	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	86543	14.215	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	79283	15.281	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	7372	19.425	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	37520	9.650	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	27289	8.718	ug/L	99
71) Naphthalene	15.360	128	62808	11.614	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	25322	9.332	ug/L	99

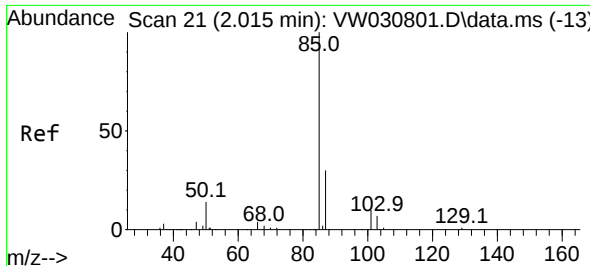
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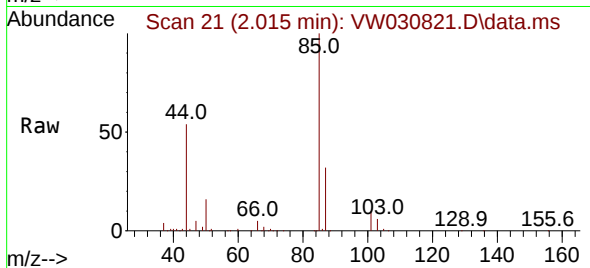
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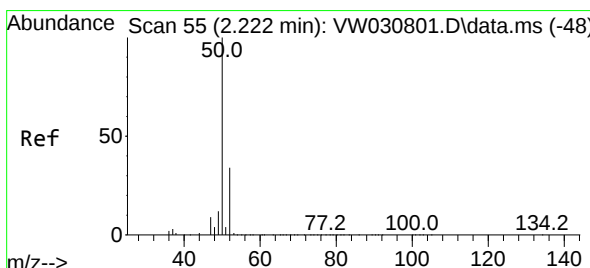
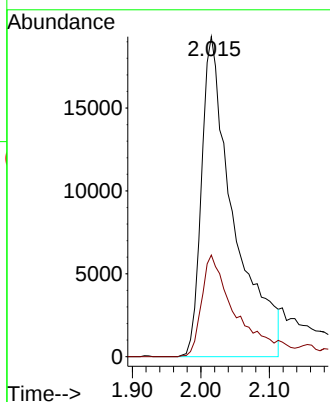
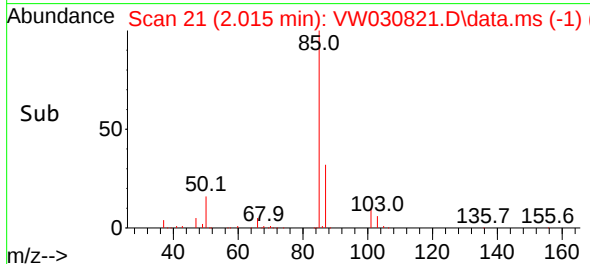


#2
Dichlorodifluoromethane
Concen: 14.110 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Instrument :
MSVOA_W
ClientSampleId :

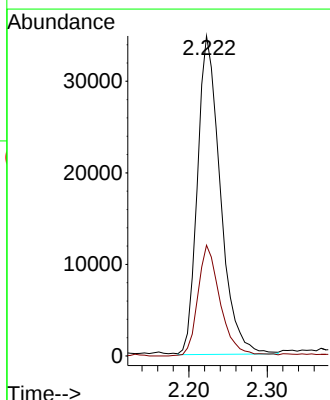
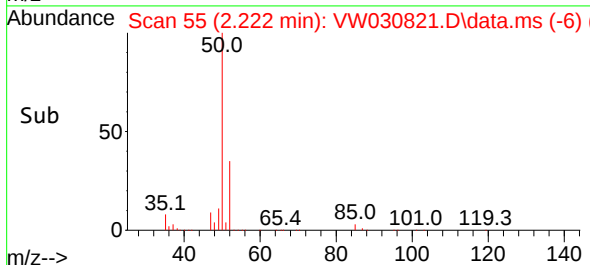
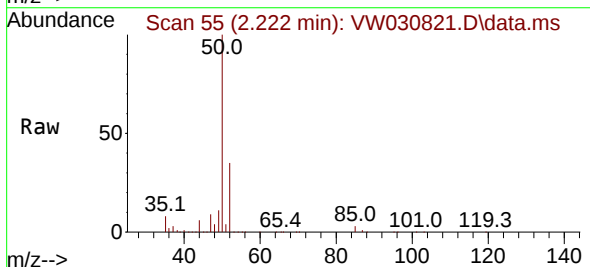


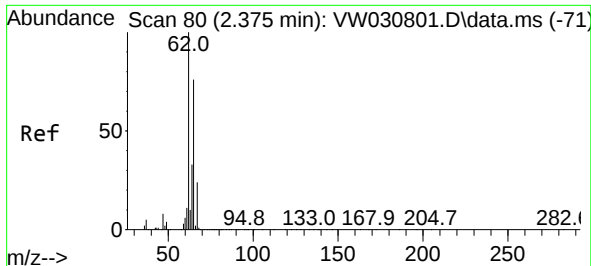
Tgt Ion: 85 Resp: 62962
Ion Ratio Lower Upper
85 100
87 32.4 23.8 35.6



#3
Chloromethane
Concen: 13.629 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

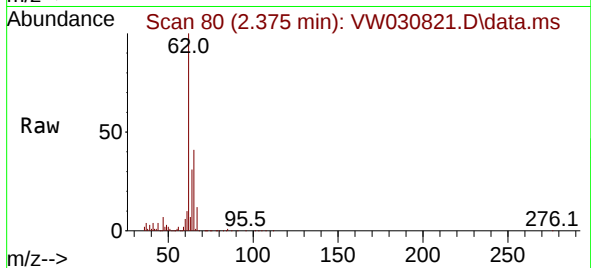
Tgt Ion: 50 Resp: 70680
Ion Ratio Lower Upper
50 100
52 34.6 23.7 43.9



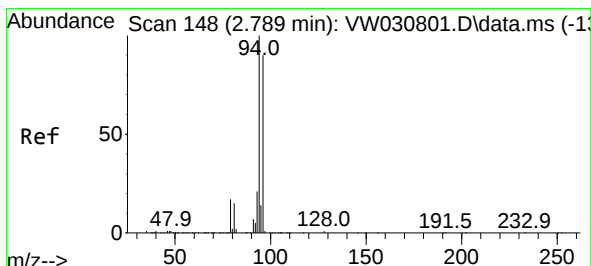
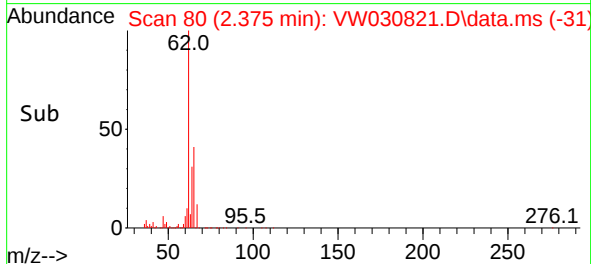
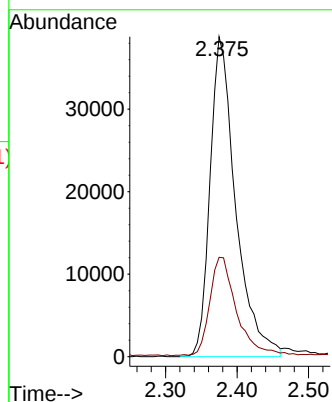


#5
 Vinyl chloride
 Concen: 15.134 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030821.D
 Acq: 29 Oct 2024 22:04

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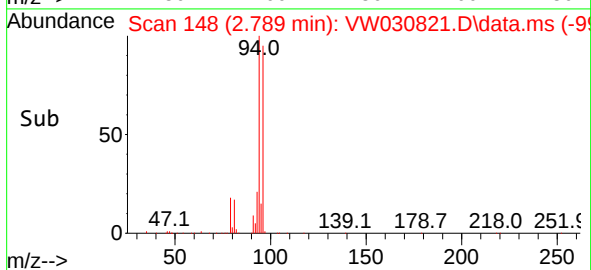
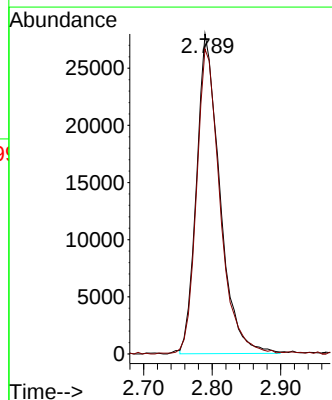
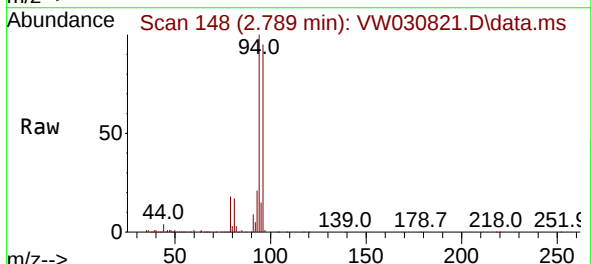


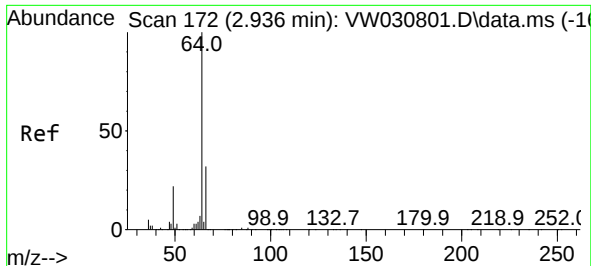
Tgt Ion: 62 Resp: 96522
 Ion Ratio Lower Upper
 62 100
 64 31.0 22.6 42.0



#6
 Bromomethane
 Concen: 15.775 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030821.D
 Acq: 29 Oct 2024 22:04

Tgt Ion: 94 Resp: 66223
 Ion Ratio Lower Upper
 94 100
 96 95.2 62.6 116.2

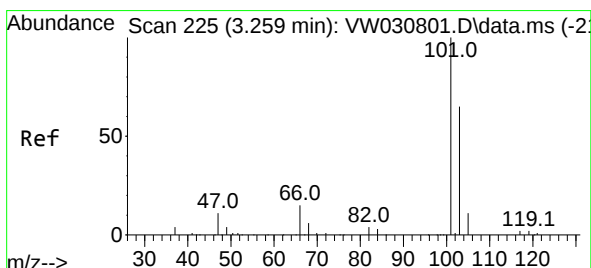
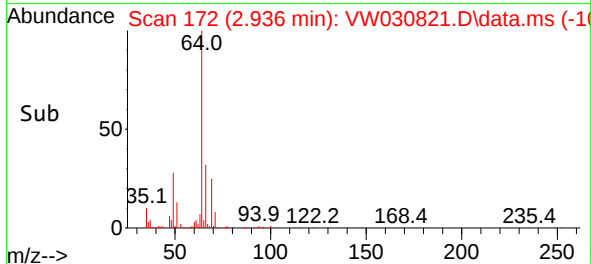
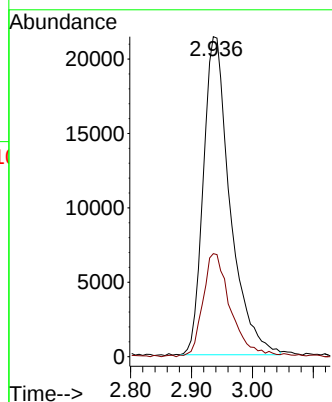
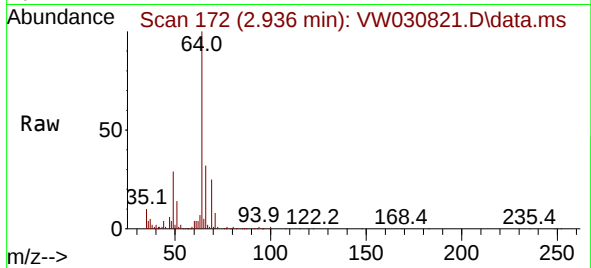




#8
Chloroethane
Concen: 16.753 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

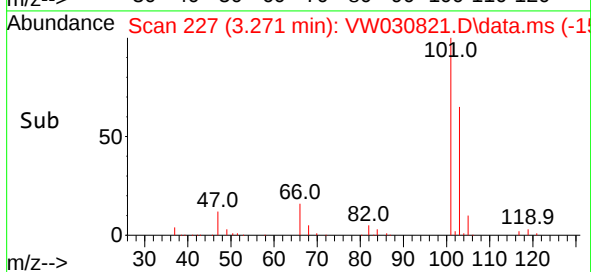
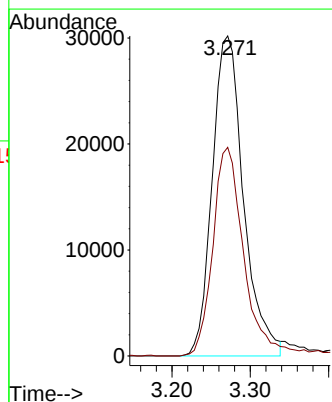
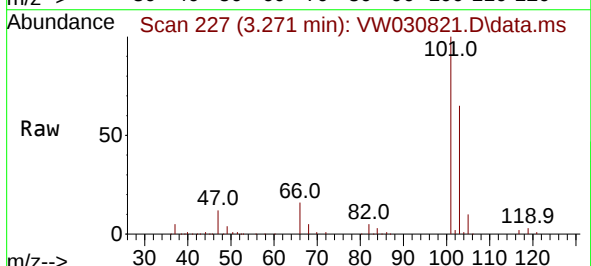
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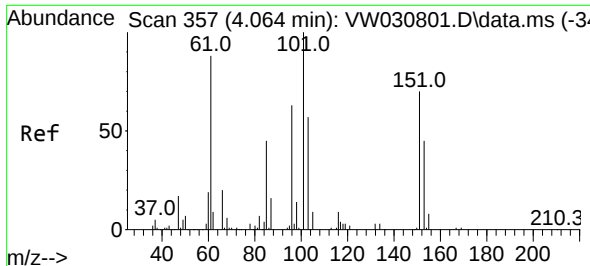
Tgt Ion: 64 Resp: 65315
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 14.684 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.012 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 101 Resp: 83795
Ion Ratio Lower Upper
101 100
103 64.3 51.1 76.7

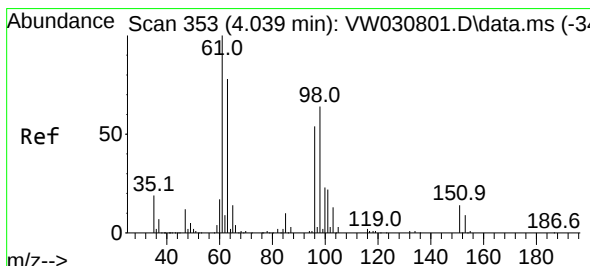
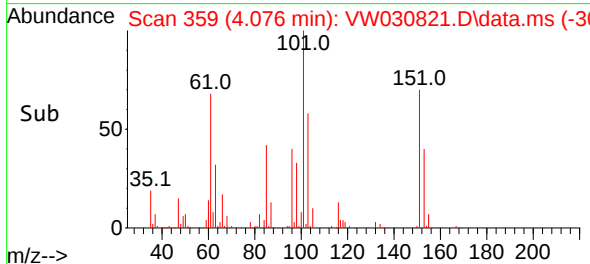
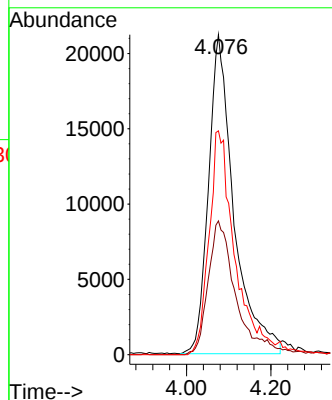
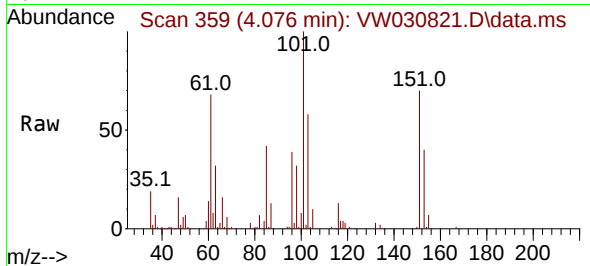




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.254 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.012 min
 Lab File: VW030821.D
 Acq: 29 Oct 2024 22:04

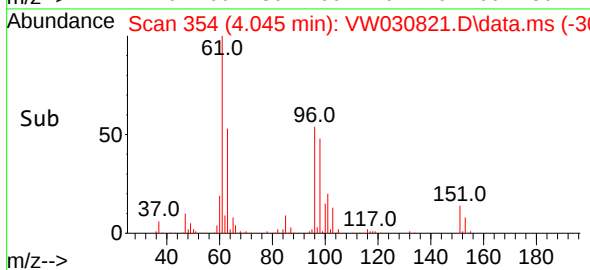
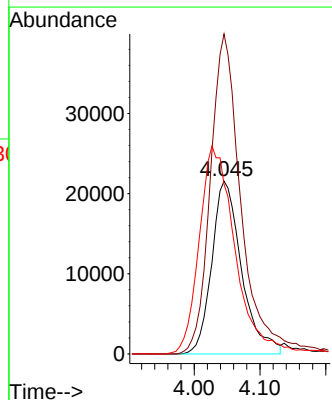
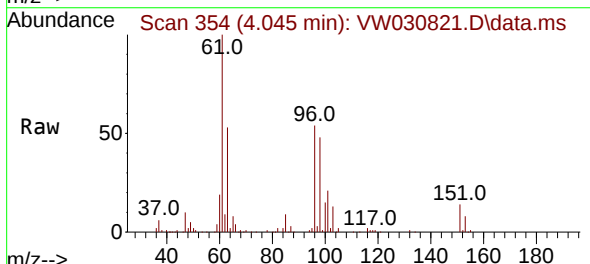
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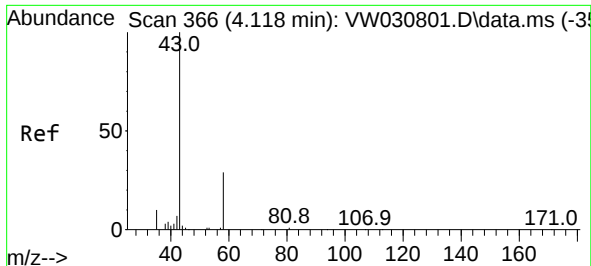
Tgt Ion:101 Resp: 88587
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.7 53.5
 151 67.4 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 14.528 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030821.D
 Acq: 29 Oct 2024 22:04

Tgt Ion: 96 Resp: 68077
 Ion Ratio Lower Upper
 96 100
 61 185.2 121.3 225.3
 63 98.3 87.6 162.8

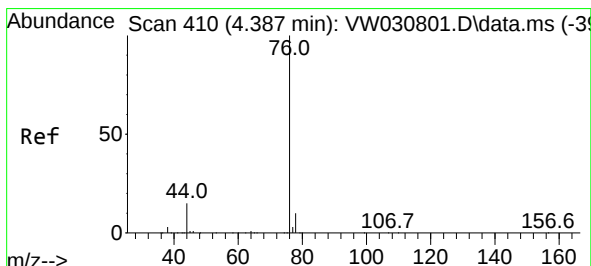
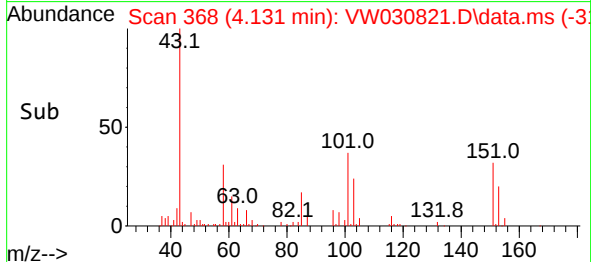
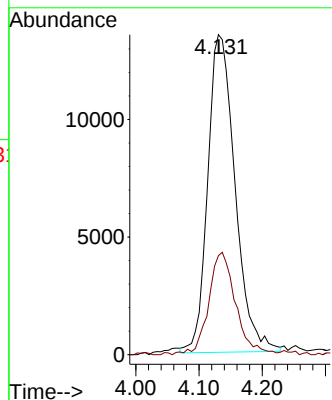
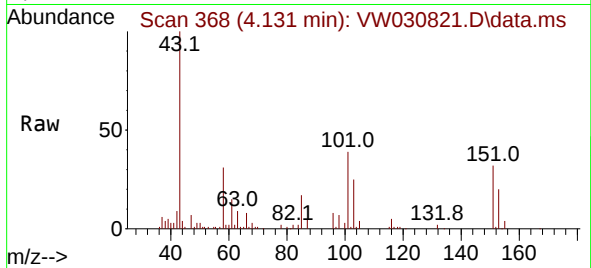




#13
Acetone
Concen: 28.034 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

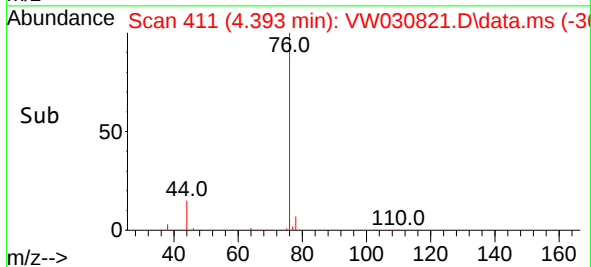
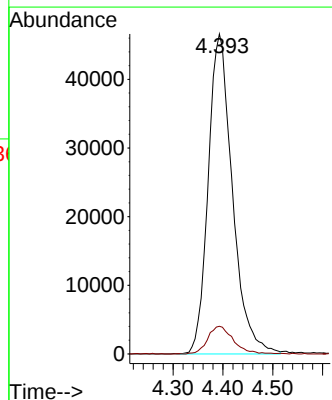
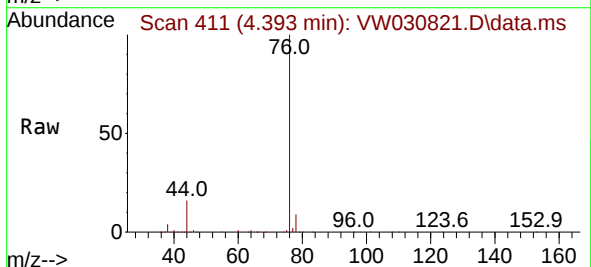
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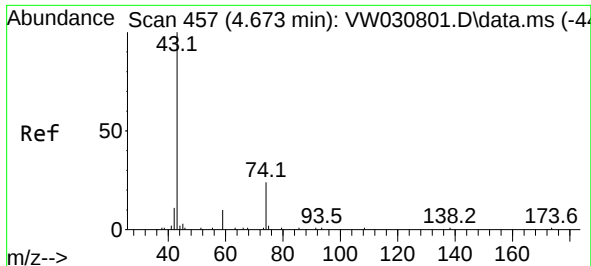
Tgt Ion: 43 Resp: 40547
Ion Ratio Lower Upper
43 100
58 31.2 0.0 57.6



#14
Carbon disulfide
Concen: 10.272 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 157175
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

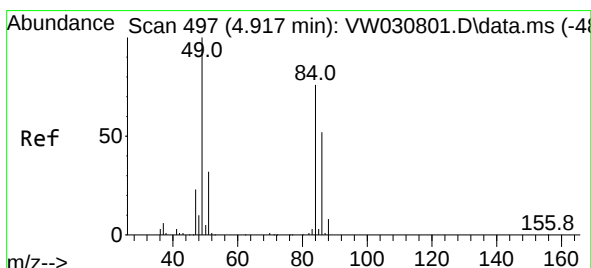
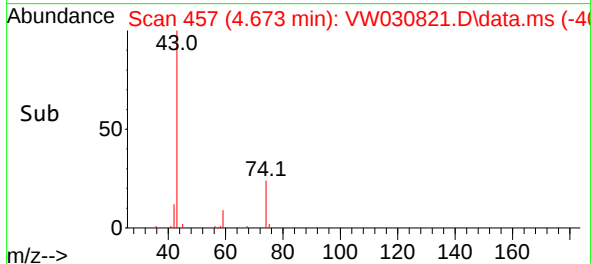
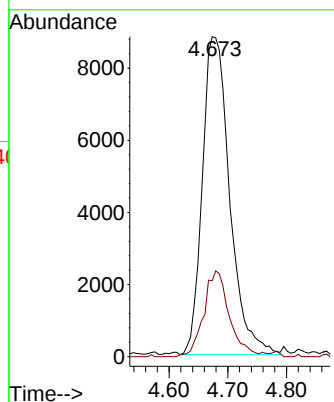
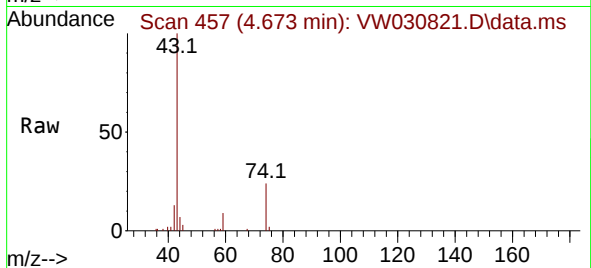




#15
Methyl Acetate
Concen: 16.000 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

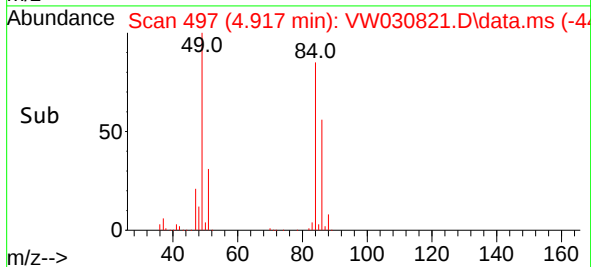
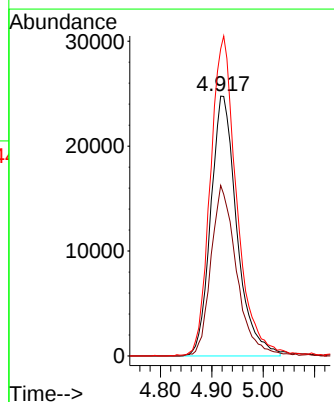
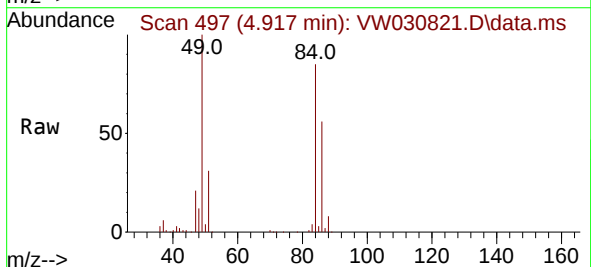
Instrument :
MSVOA_W
ClientSampleId :

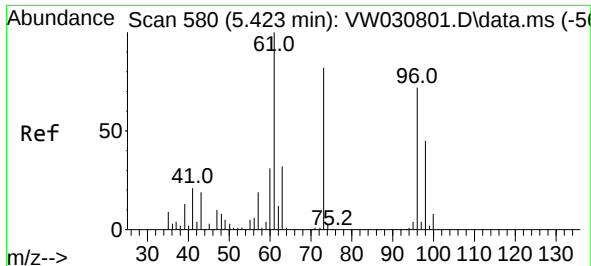
Tgt Ion: 43 Resp: 28586
Ion Ratio Lower Upper
43 100
74 25.0 19.3 28.9



#16
Methylene chloride
Concen: 16.522 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 84 Resp: 87236
Ion Ratio Lower Upper
84 100
86 65.6 43.8 81.3
49 118.1 88.3 164.1

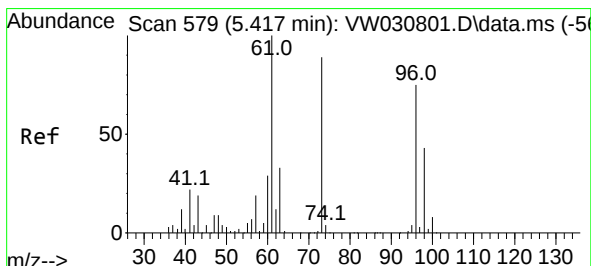
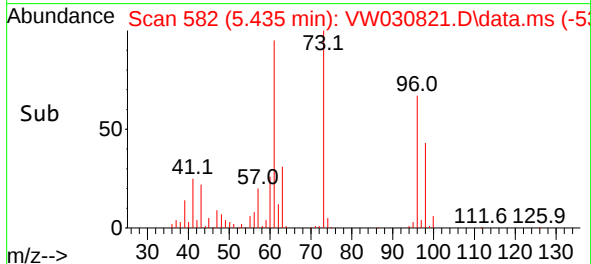
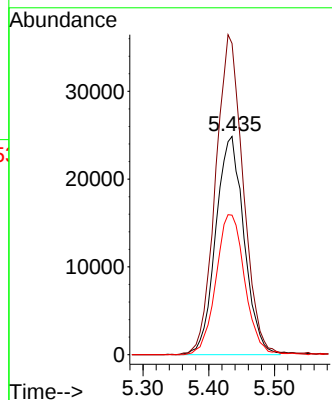
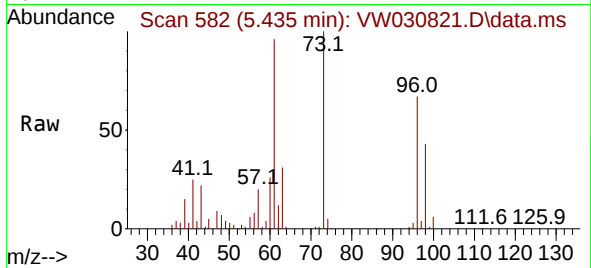




#17
trans-1,2-Dichloroethene
Concen: 14.710 ug/L
RT: 5.435 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

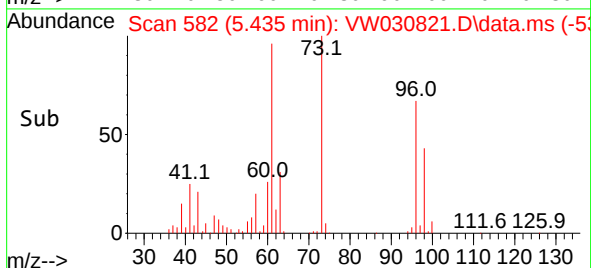
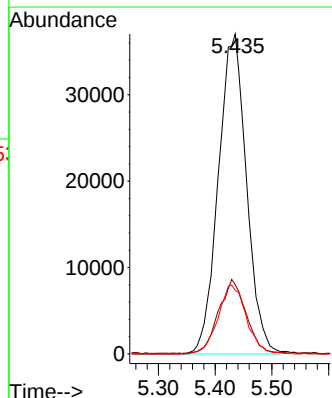
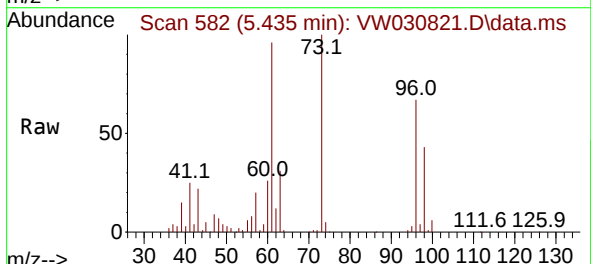
Instrument :
MSVOA_W
ClientSampleId :

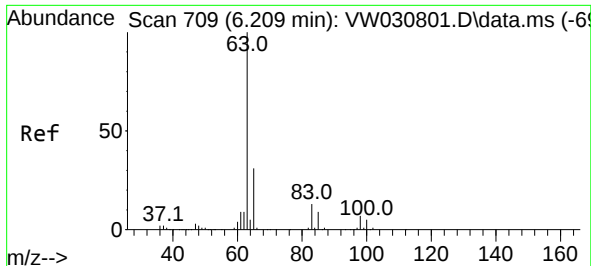
Tgt Ion: 96 Resp: 74377
Ion Ratio Lower Upper
96 100
61 142.5 96.9 179.9
98 63.9 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 18.039 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.018 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 73 Resp: 127653
Ion Ratio Lower Upper
73 100
43 23.1 18.1 27.1
57 21.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 18.434 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

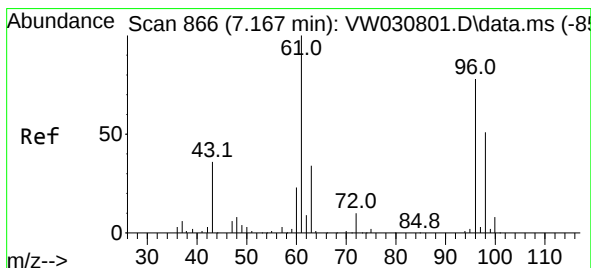
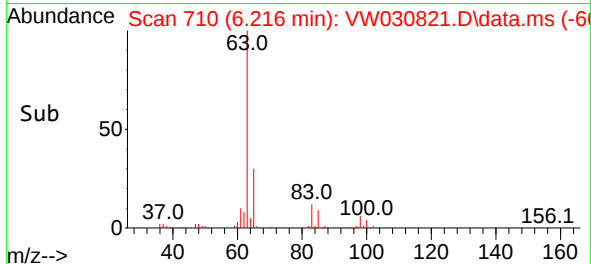
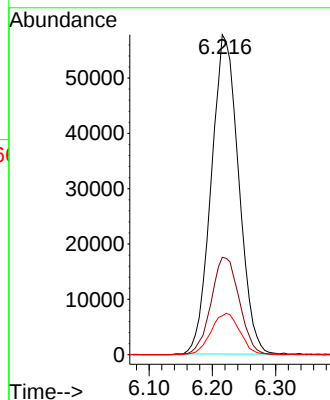
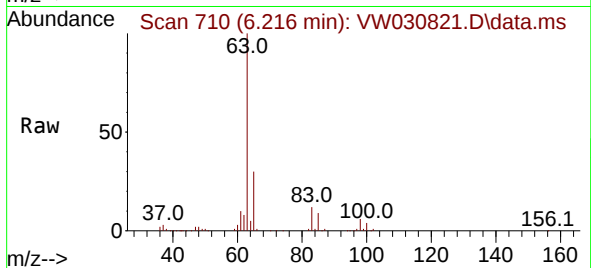
Tgt Ion: 63 Resp: 173227

Ion Ratio Lower Upper

63 100

65 30.5 22.5 41.9

83 12.1 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 16.504 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

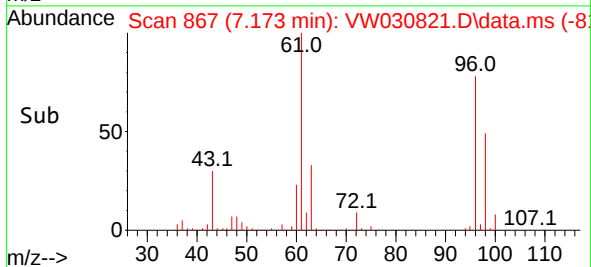
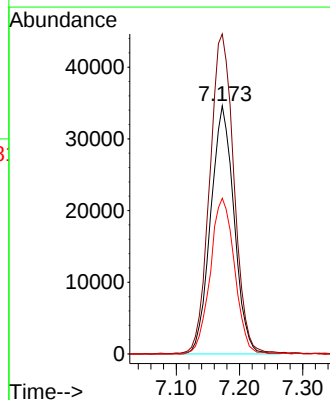
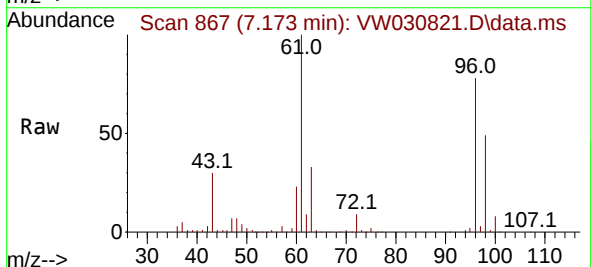
Tgt Ion: 96 Resp: 89007

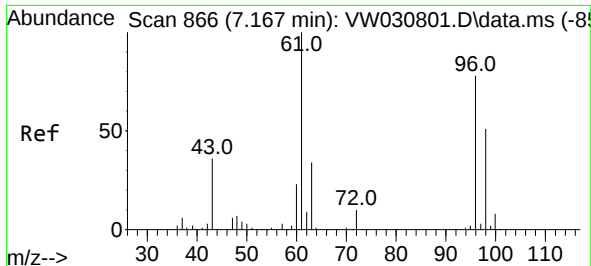
Ion Ratio Lower Upper

96 100

61 128.9 88.3 163.9

98 62.7 41.3 76.7

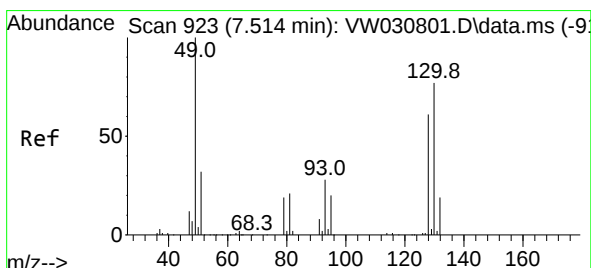
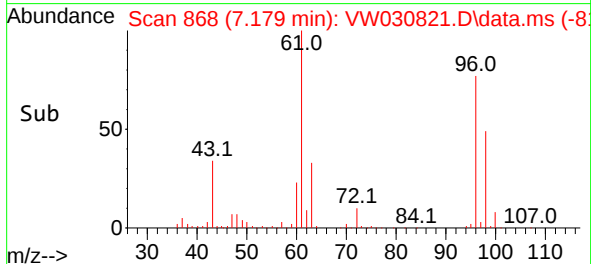
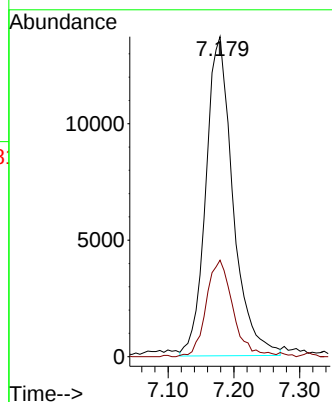
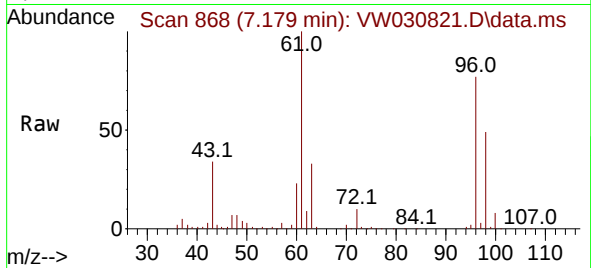




#22
2-Butanone
Concen: 25.298 ug/L
RT: 7.179 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

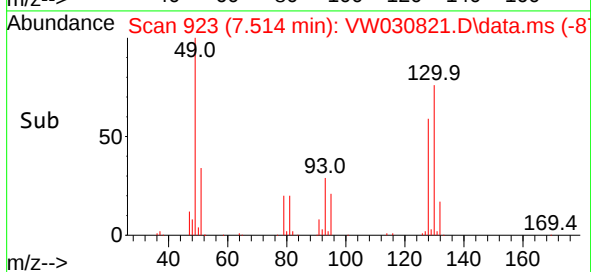
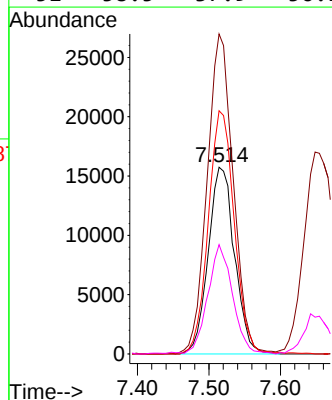
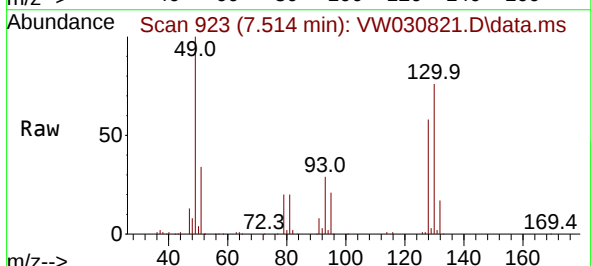
Instrument :
MSVOA_W
ClientSampleId :

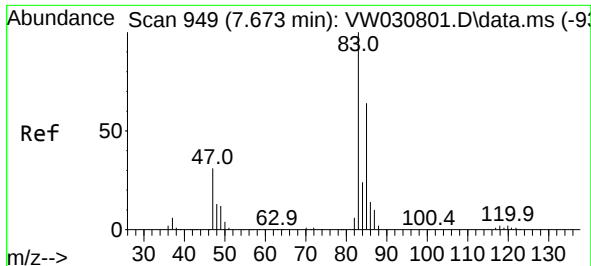
Tgt Ion: 43 Resp: 39441
Ion Ratio Lower Upper
43 100
72 29.4 14.4 43.0



#23
Bromochloromethane
Concen: 17.011 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 128 Resp: 40133
Ion Ratio Lower Upper
128 100
49 171.4 110.1 204.5
130 130.2 82.9 153.9
51 58.5 37.9 56.9#

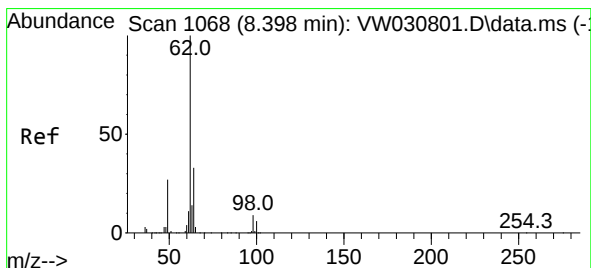
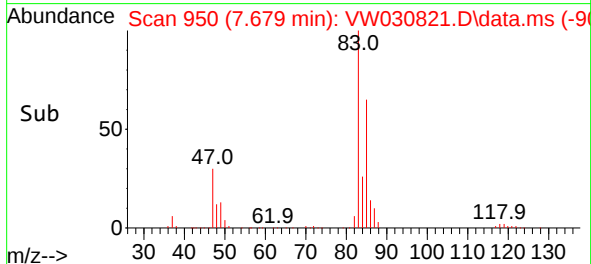
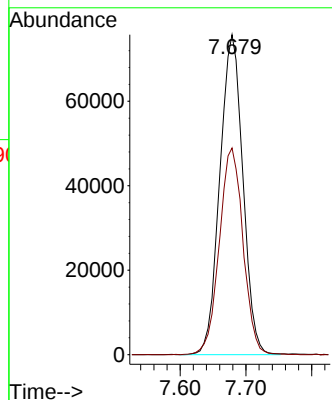
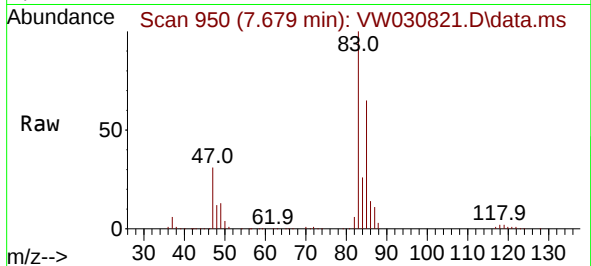




#25
Chloroform
Concen: 18.374 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

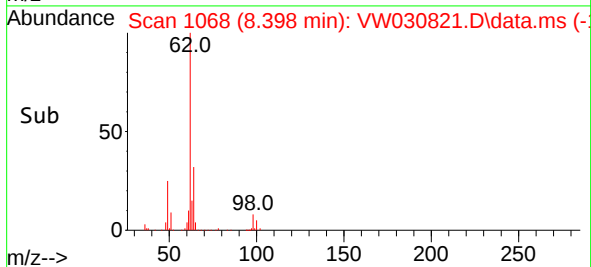
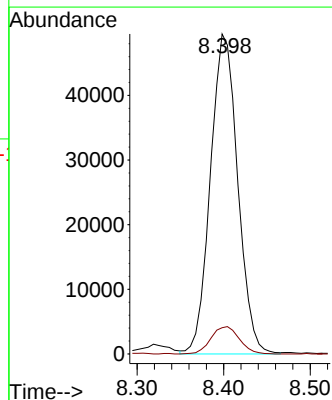
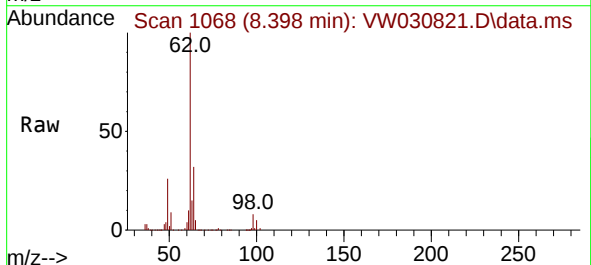
Instrument :
MSVOA_W
ClientSampleId :

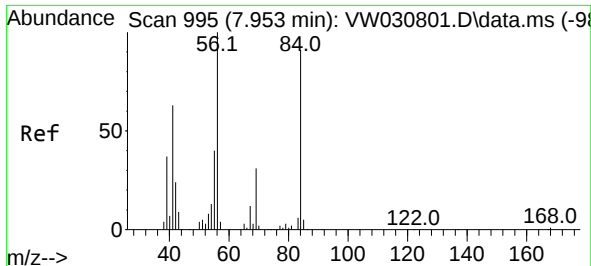
Tgt Ion: 83 Resp: 184519
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 16.405 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 62 Resp: 108688
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.6





#29

Cyclohexane

Concen: 14.201 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

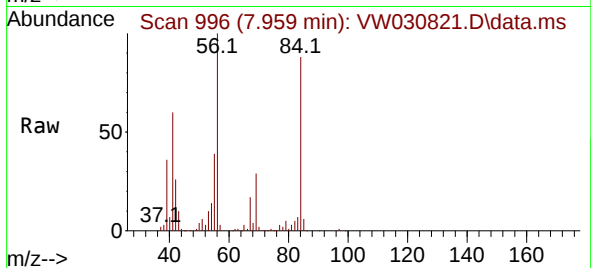
Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :



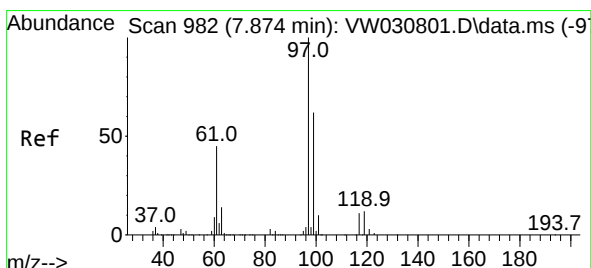
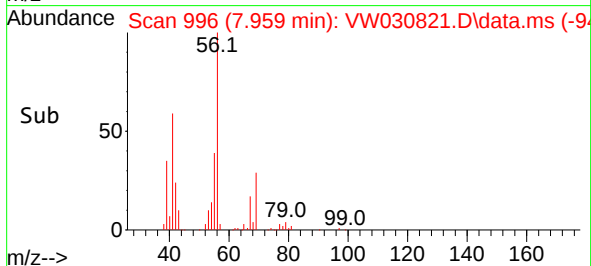
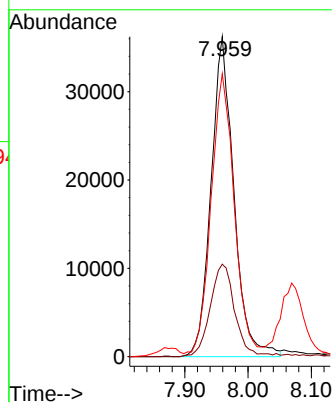
Tgt Ion: 56 Resp: 90799

Ion Ratio Lower Upper

56 100

69 30.4 25.4 38.0

84 89.1 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 19.743 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

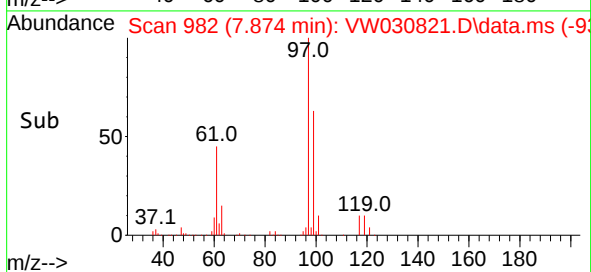
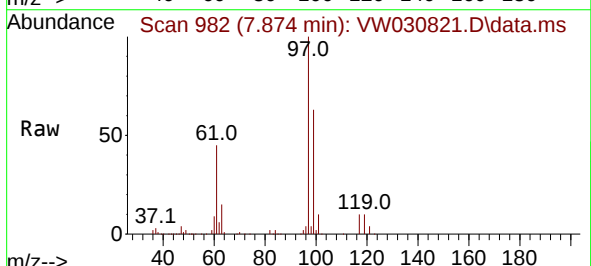
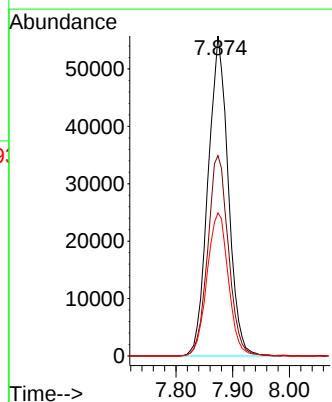
Tgt Ion: 97 Resp: 137666

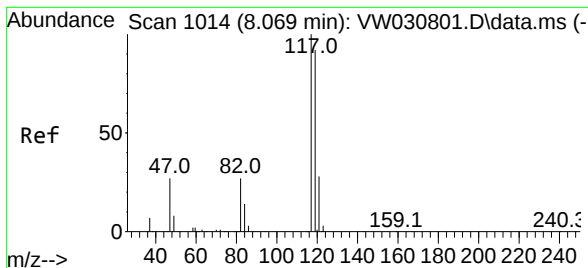
Ion Ratio Lower Upper

97 100

99 64.2 52.3 78.5

61 47.4 38.5 57.7

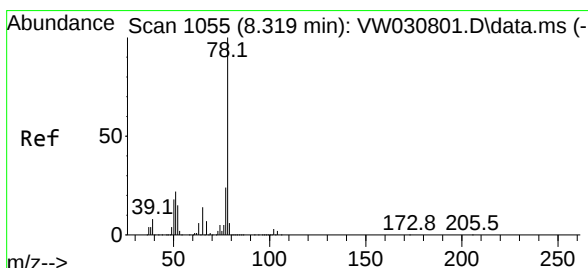
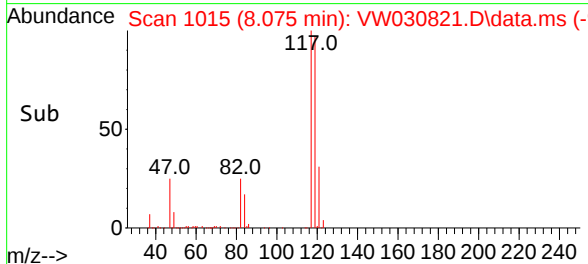
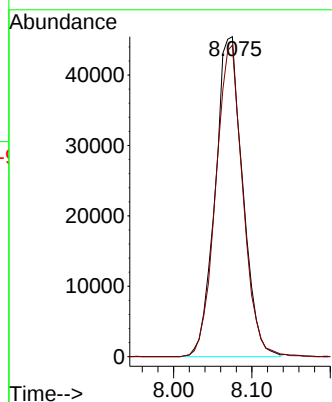
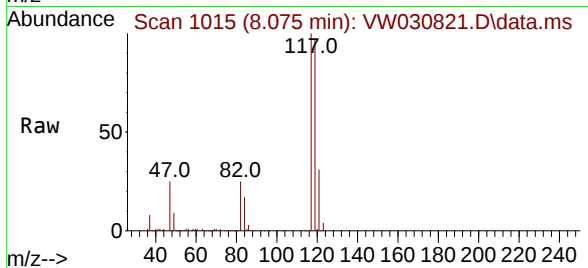




#31
Carbon tetrachloride
Concen: 17.805 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

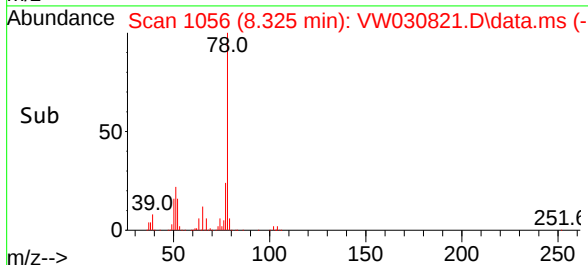
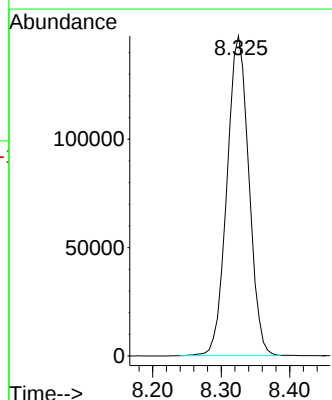
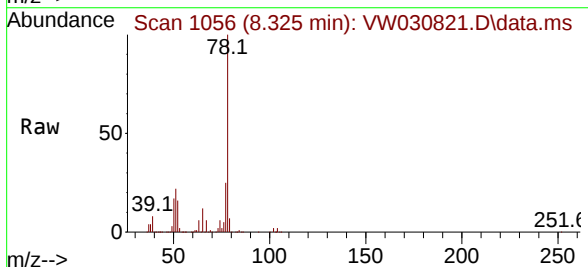
Instrument :
MSVOA_W
ClientSampleId :

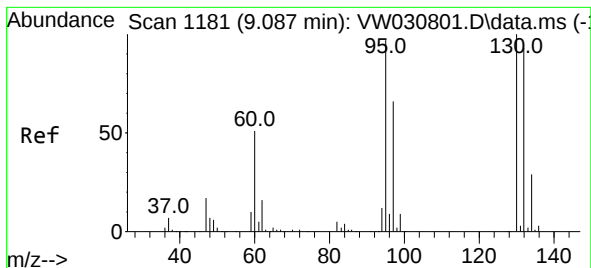
Tgt Ion:117 Resp: 110887
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8



#33
Benzene
Concen: 19.178 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 78 Resp: 327806





#34

Trichloroethene

Concen: 15.664 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 74489

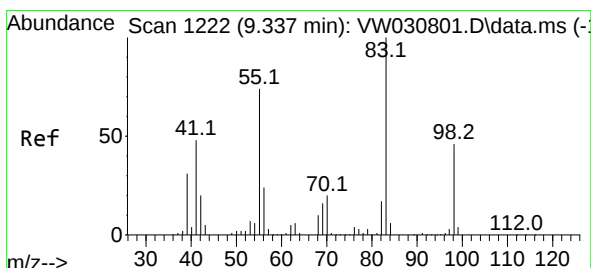
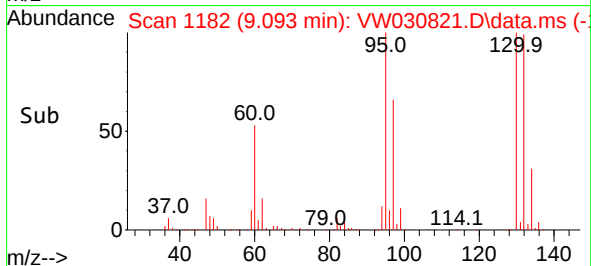
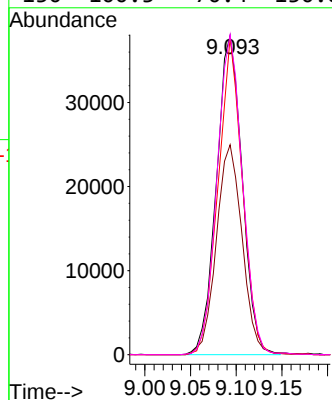
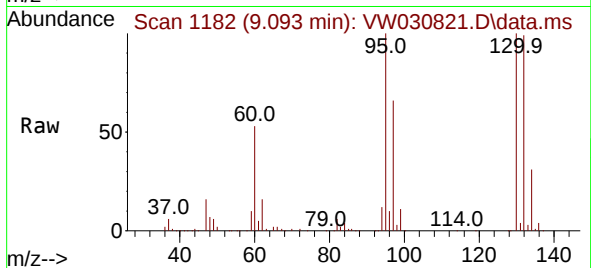
Ion Ratio Lower Upper

95 100

97 65.8 45.9 85.3

132 99.5 66.4 123.2

130 100.3 70.4 130.8



#35

Methylcyclohexane

Concen: 12.024 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

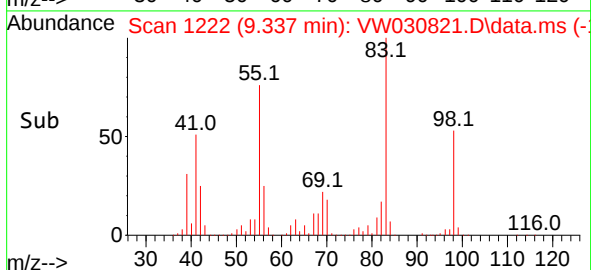
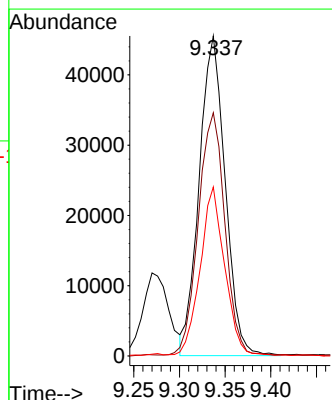
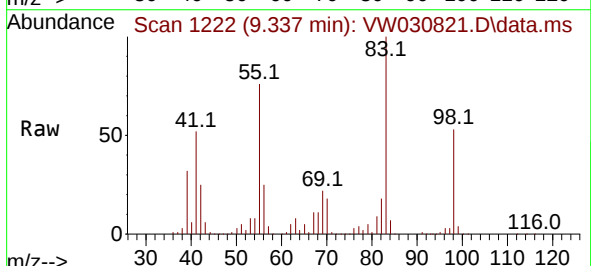
Tgt Ion: 83 Resp: 89986

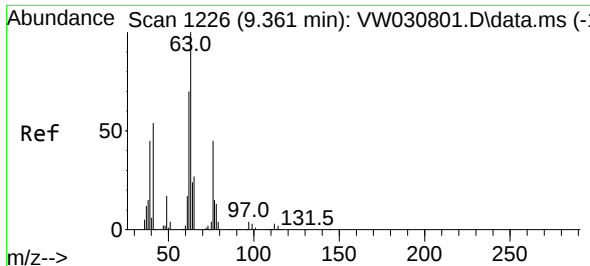
Ion Ratio Lower Upper

83 100

55 78.2 61.8 92.8

98 50.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 21.195 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

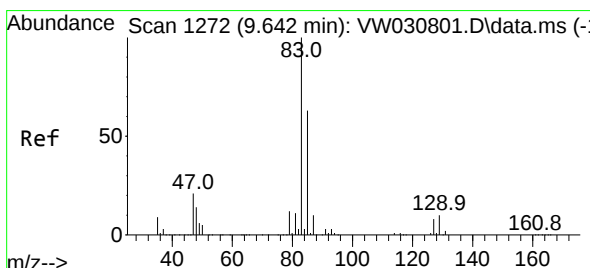
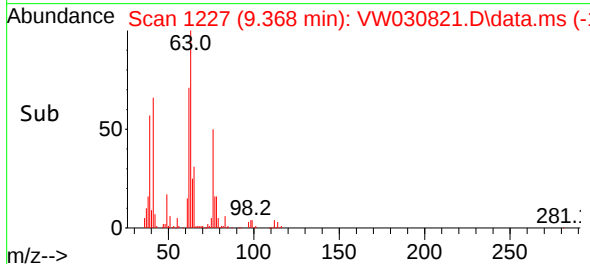
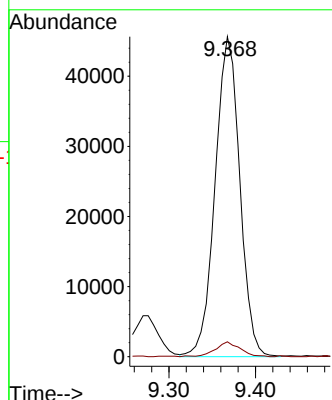
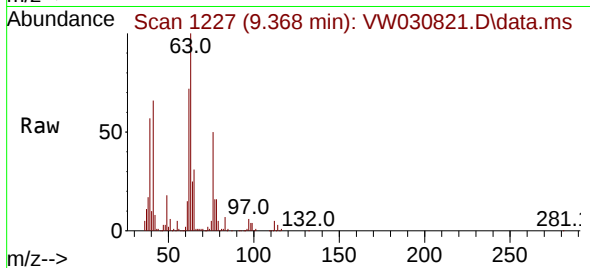
ClientSampleId :

Tgt Ion: 63 Resp: 90484

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 20.655 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

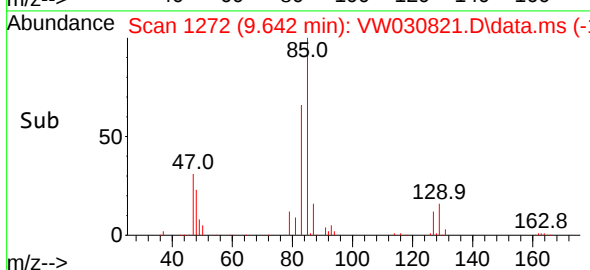
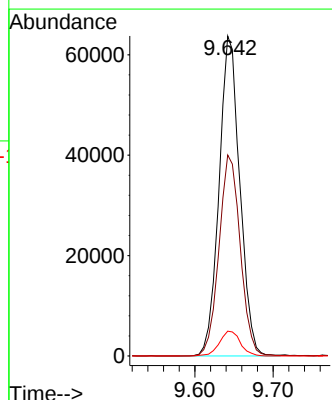
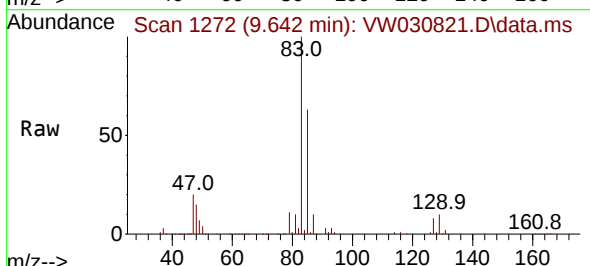
Tgt Ion: 83 Resp: 117318

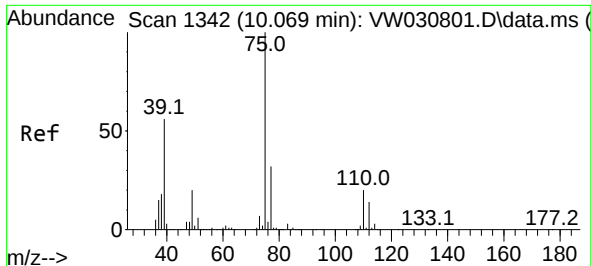
Ion Ratio Lower Upper

83 100

85 62.8 44.2 82.0

127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 18.303 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

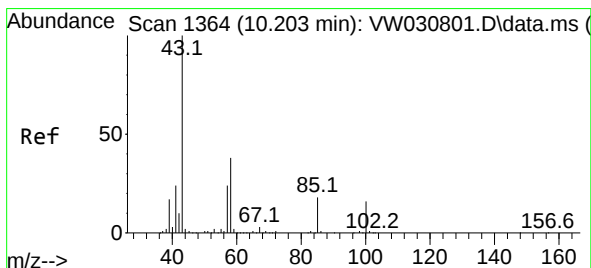
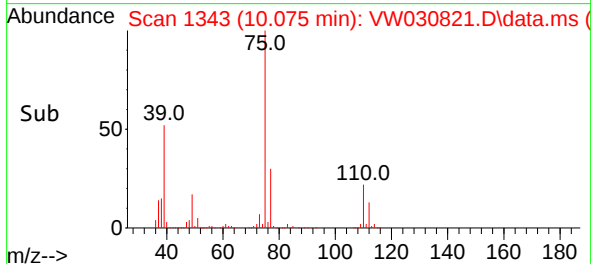
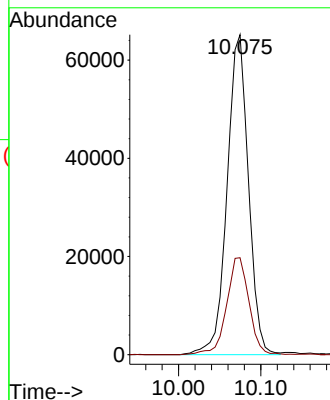
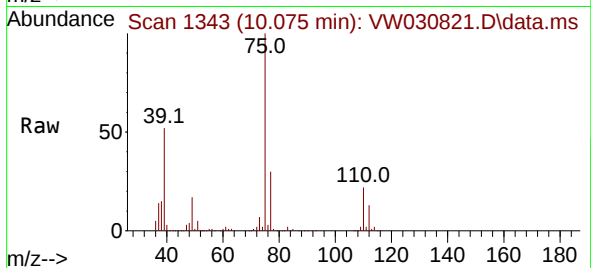
ClientSampleId :

Tgt Ion: 75 Resp: 117860

Ion Ratio Lower Upper

75 100

77 30.3 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 40.591 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

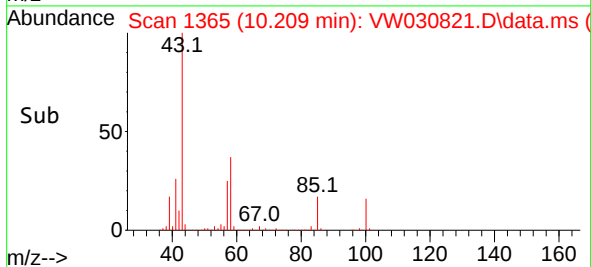
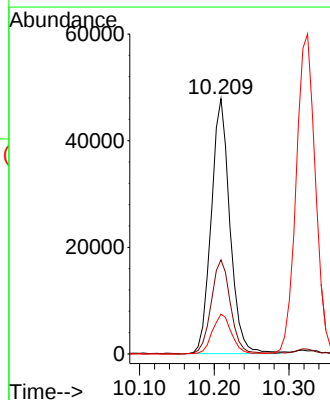
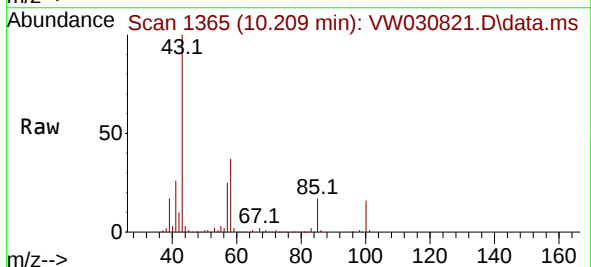
Tgt Ion: 43 Resp: 83248

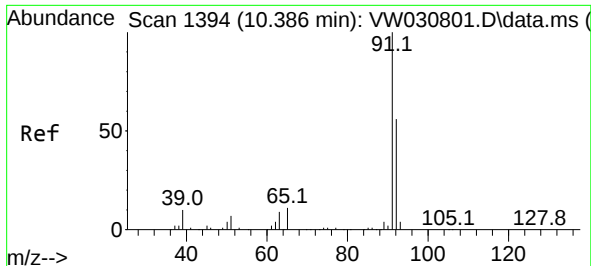
Ion Ratio Lower Upper

43 100

58 38.3 31.4 47.2

100 16.1 13.1 19.7

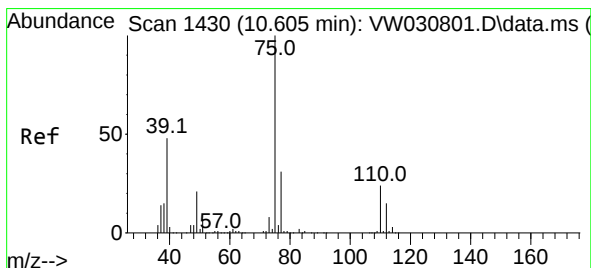
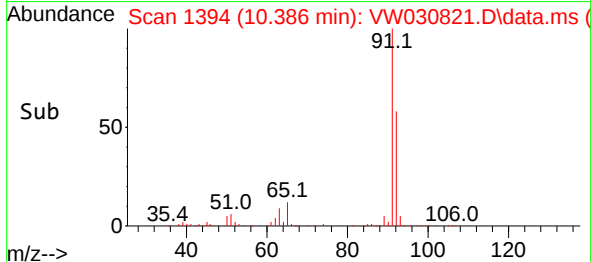
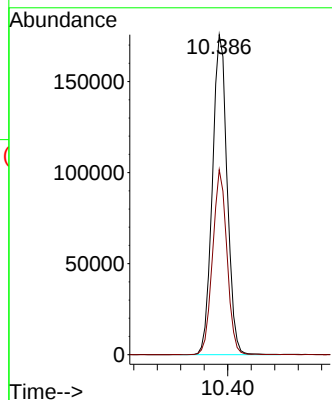
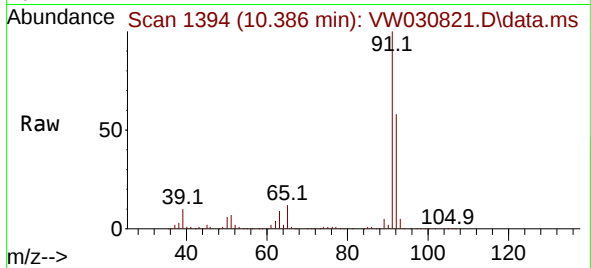




#42
Toluene
Concen: 16.788 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

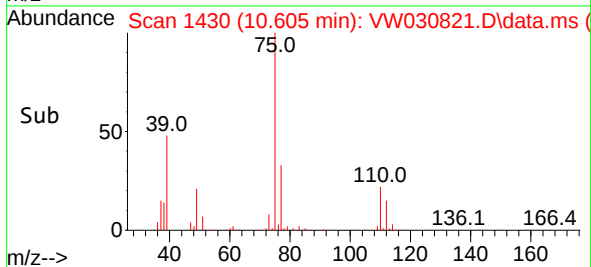
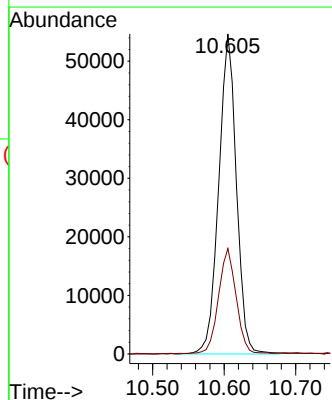
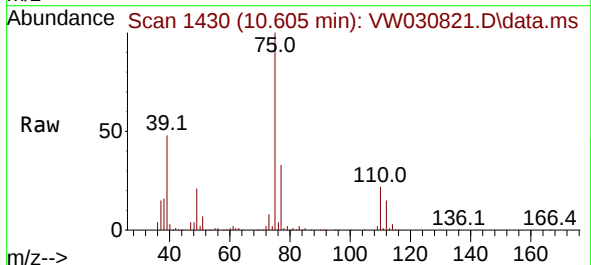
Instrument :
MSVOA_W
ClientSampleId :

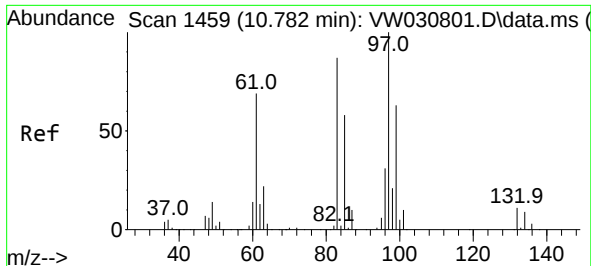
Tgt Ion: 91 Resp: 306149
Ion Ratio Lower Upper
91 100
92 57.8 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 17.340 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 75 Resp: 93829
Ion Ratio Lower Upper
75 100
77 33.0 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 19.566 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

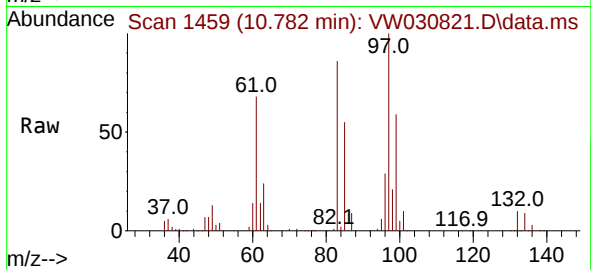
Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 60370

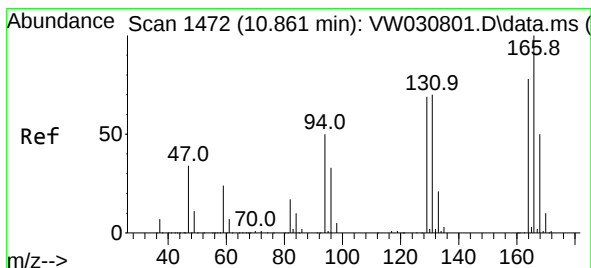
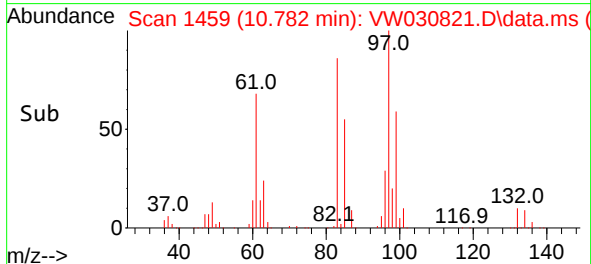
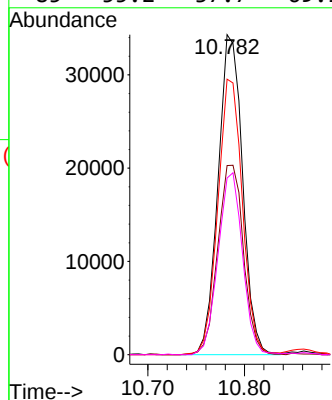
Ion Ratio Lower Upper

97 100

99 59.1 41.2 76.6

83 86.1 59.6 110.6

85 55.2 37.7 69.9



#46

Tetrachloroethene

Concen: 11.339 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Tgt Ion:164 Resp: 39770

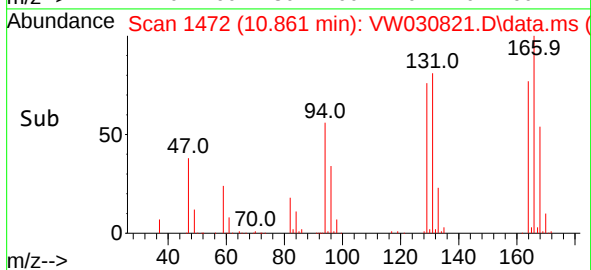
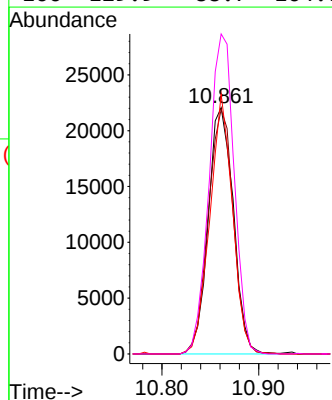
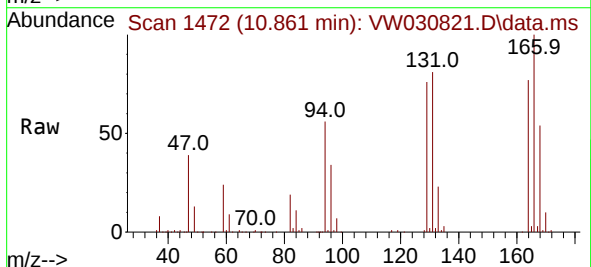
Ion Ratio Lower Upper

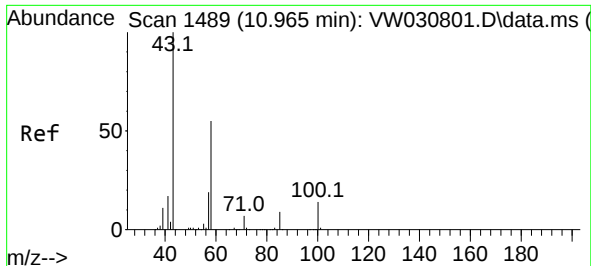
164 100

129 99.3 66.6 123.6

131 105.4 63.7 118.3

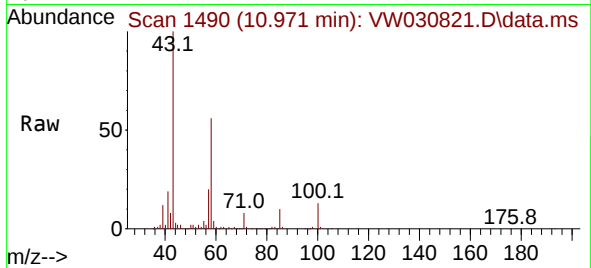
166 129.9 88.7 164.7



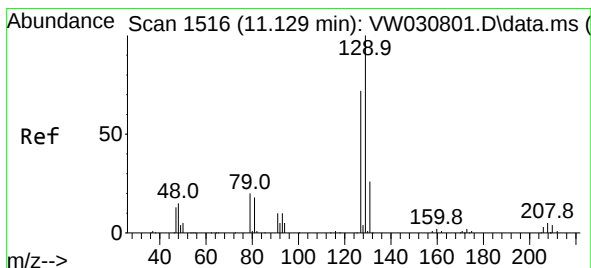
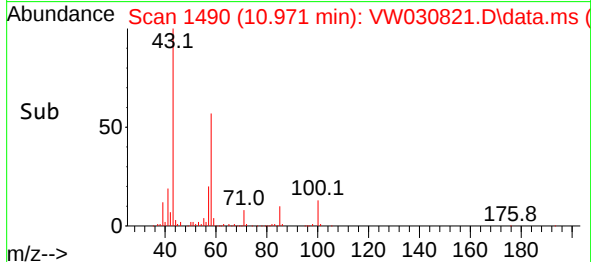
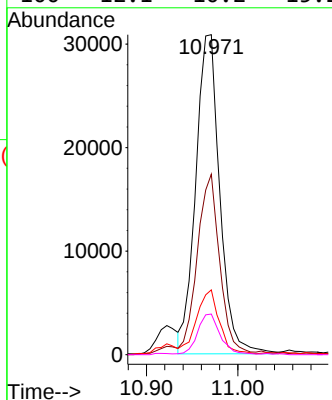


#48
2-Hexanone
Concen: 33.730 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Instrument :
MSVOA_W
ClientSampleId :

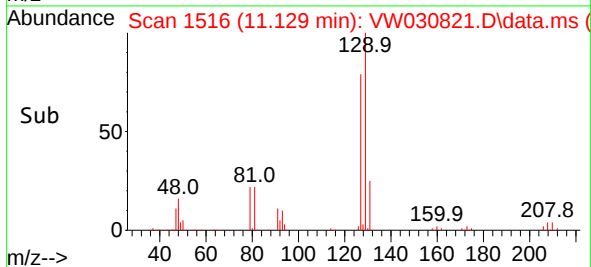
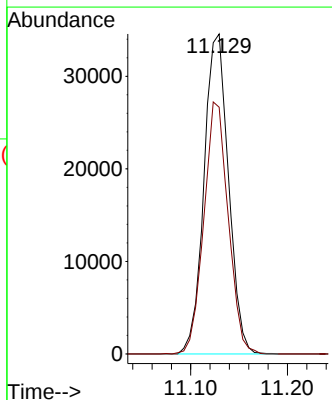
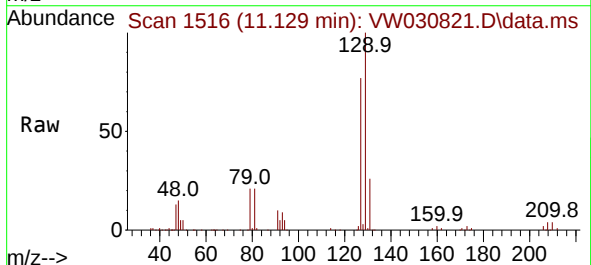


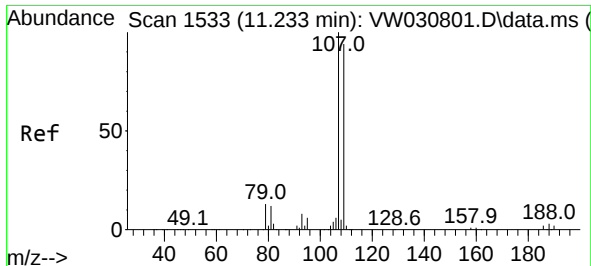
Tgt Ion: 43 Resp: 56572
Ion Ratio Lower Upper
43 100
58 52.3 44.6 67.0
57 19.2 15.8 23.8
100 12.1 10.2 15.2



#49
Dibromochloromethane
Concen: 17.677 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion: 129 Resp: 60856
Ion Ratio Lower Upper
129 100
127 77.1 56.5 104.9





#50

1,2-Dibromoethane

Concen: 17.773 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

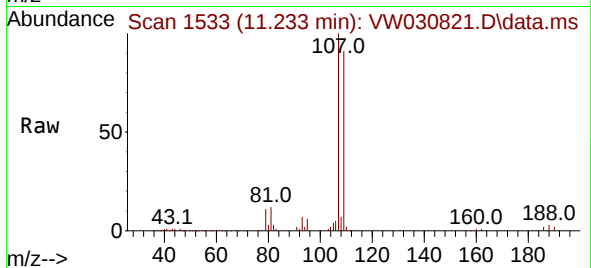
Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :



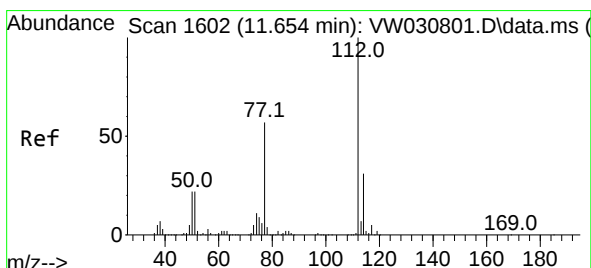
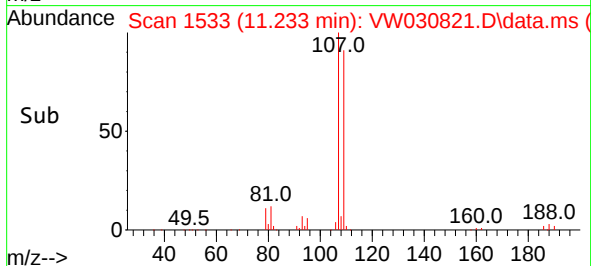
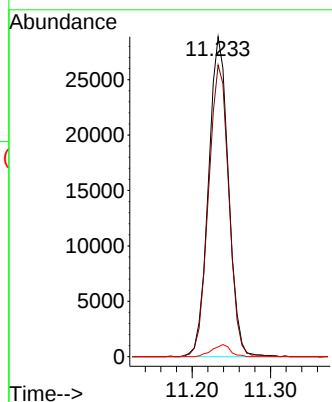
Tgt Ion:107 Resp: 51168

Ion Ratio Lower Upper

107 100

109 91.1 63.8 118.6

188 3.0 2.6 3.8



#51

Chlorobenzene

Concen: 14.686 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

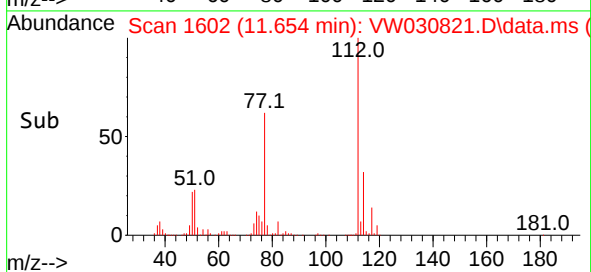
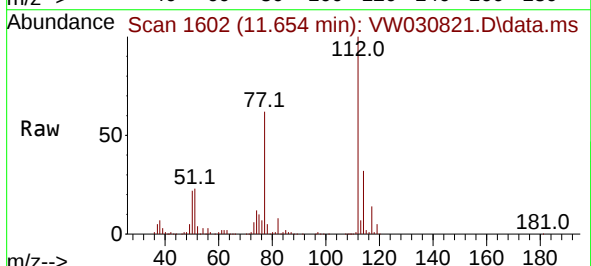
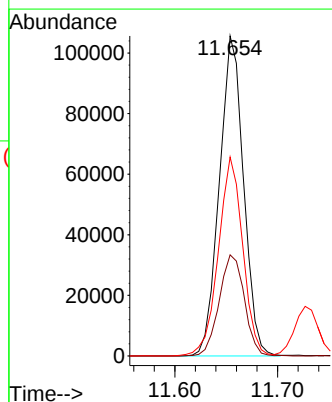
Tgt Ion:112 Resp: 172402

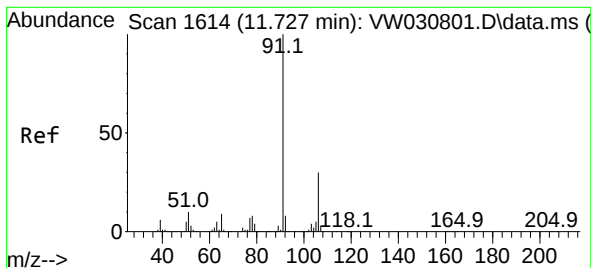
Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 62.1 47.1 70.7

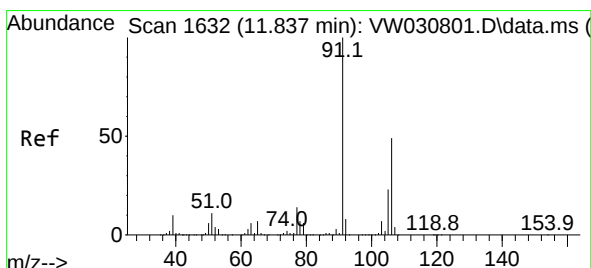
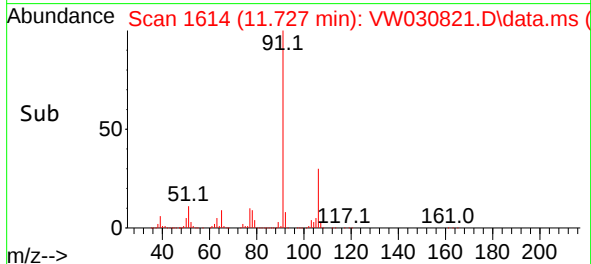
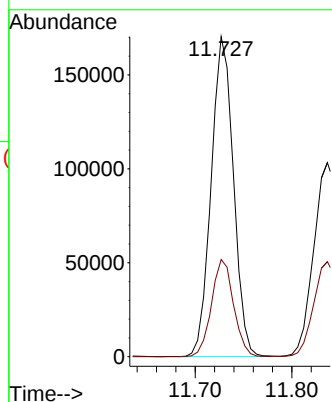
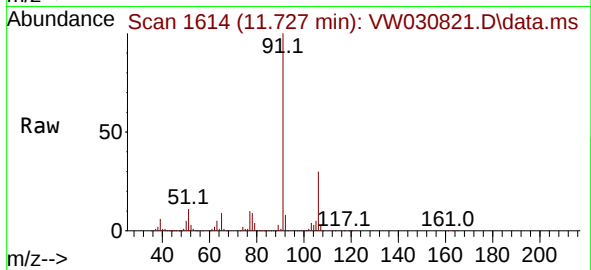




#52
Ethylbenzene
Concen: 13.109 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

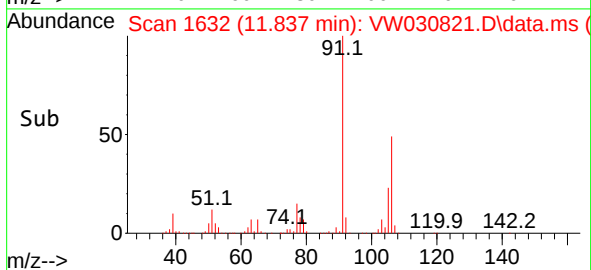
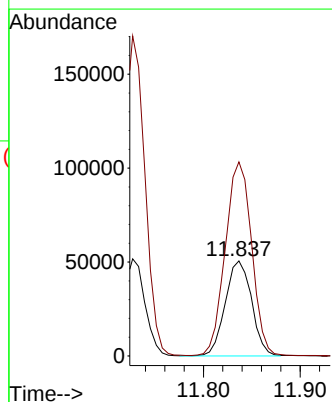
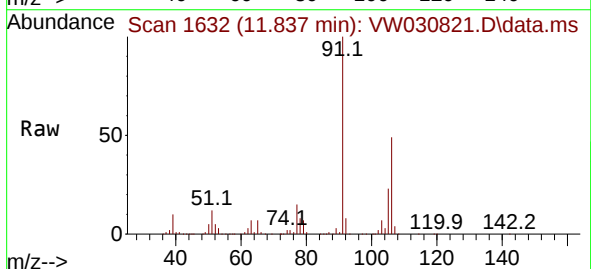
Instrument :
MSVOA_W
ClientSampleId :

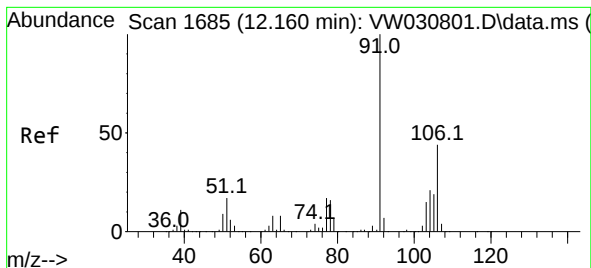
Tgt Ion: 91 Resp: 272768
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.1



#53
m,p-Xylene
Concen: 12.281 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

Tgt Ion:106 Resp: 95735
Ion Ratio Lower Upper
106 100
91 204.3 140.6 261.2





#54

o-Xylene

Concen: 13.471 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

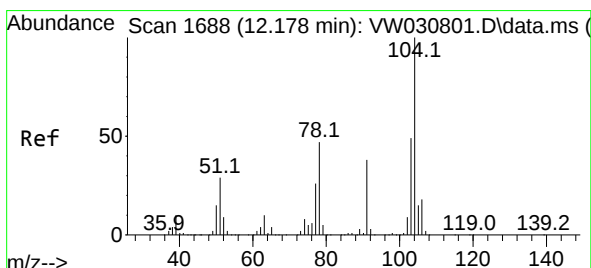
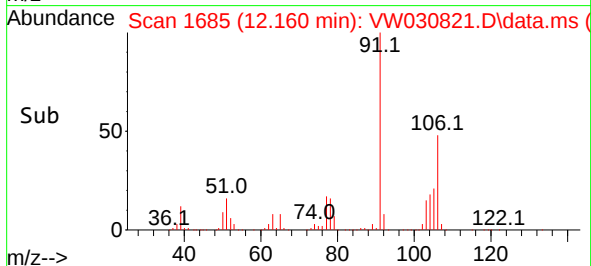
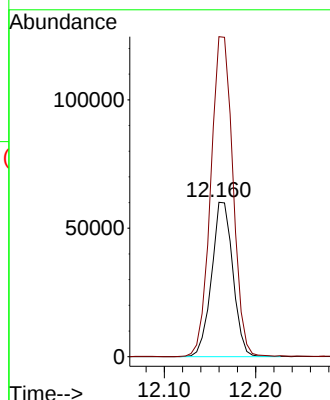
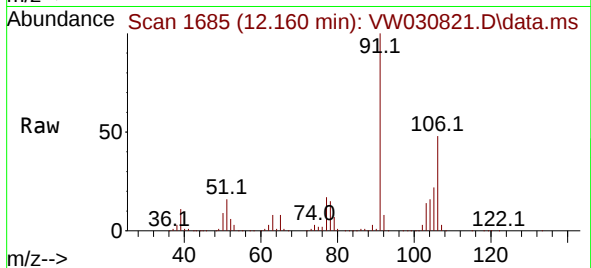
ClientSampleId :

Tgt Ion:106 Resp: 97086

Ion Ratio Lower Upper

106 100

91 207.2 144.5 268.4



#55

Styrene

Concen: 11.928 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030821.D

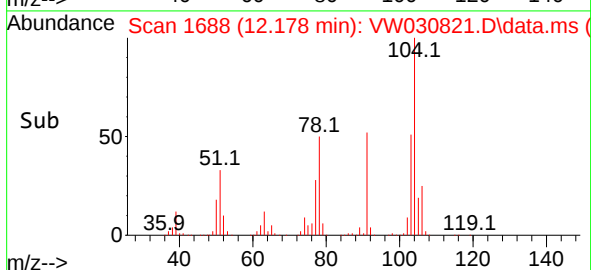
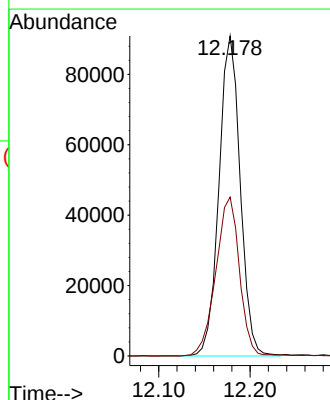
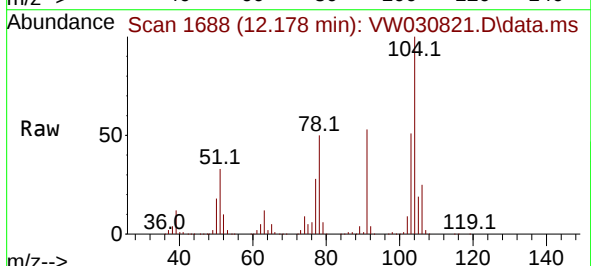
Acq: 29 Oct 2024 22:04

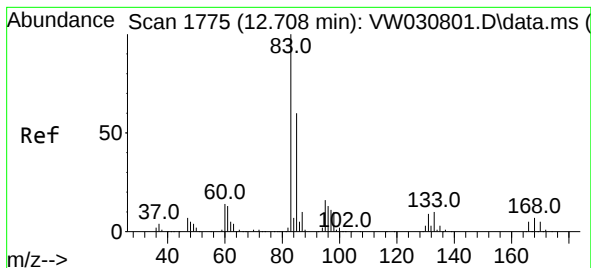
Tgt Ion:104 Resp: 146962

Ion Ratio Lower Upper

104 100

78 49.6 34.3 63.7

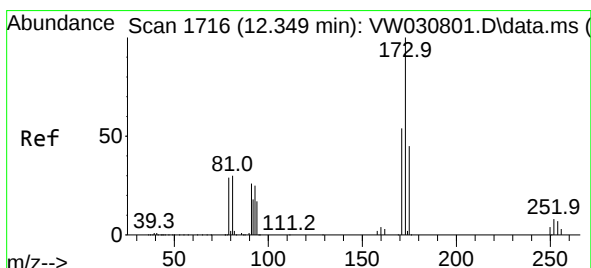
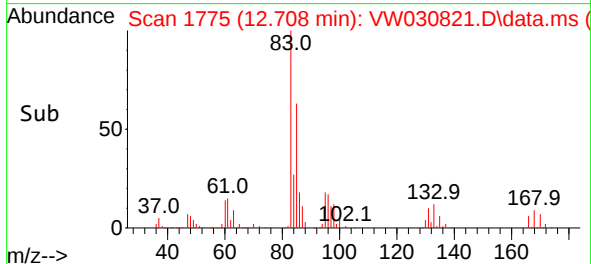
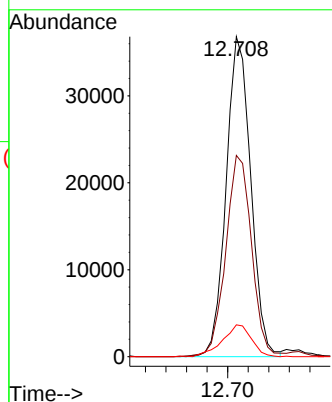
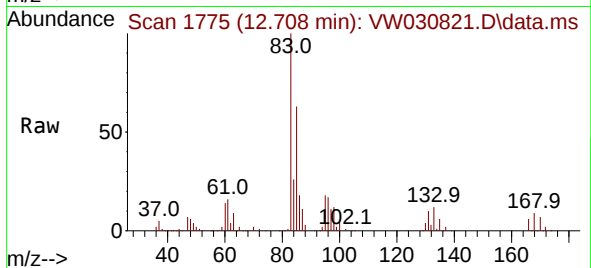




#57
1,1,2,2-Tetrachloroethane
Concen: 17.617 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

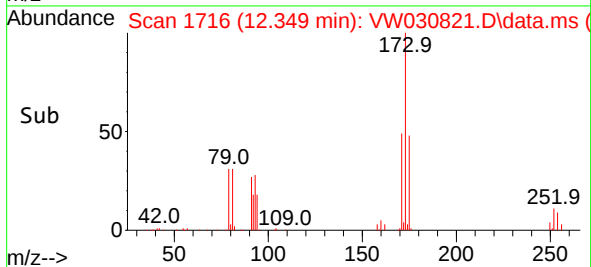
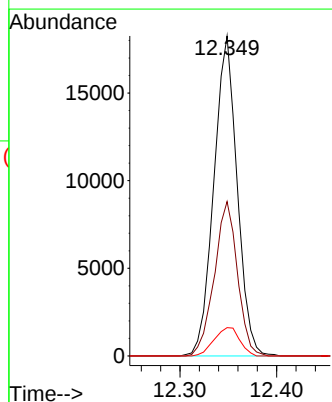
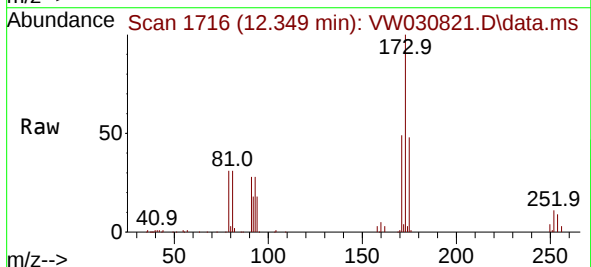
Instrument :
MSVOA_W
ClientSampleId :

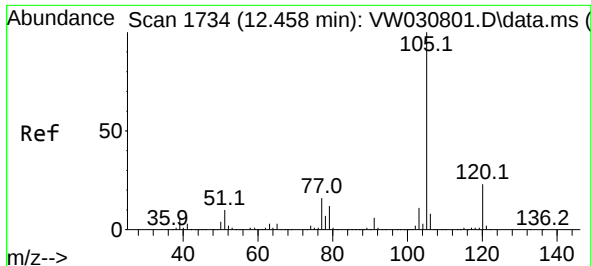
Tgt Ion: 83 Resp: 61296
Ion Ratio Lower Upper
83 100
85 62.9 42.6 79.2
131 10.0 7.4 11.0



#59
Bromoform
Concen: 24.814 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

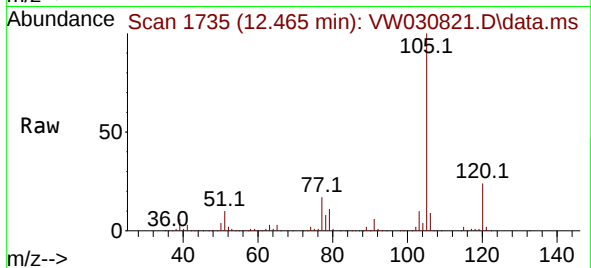
Tgt Ion: 173 Resp: 30495
Ion Ratio Lower Upper
173 100
175 47.8 39.0 58.4
254 9.7 7.7 11.5



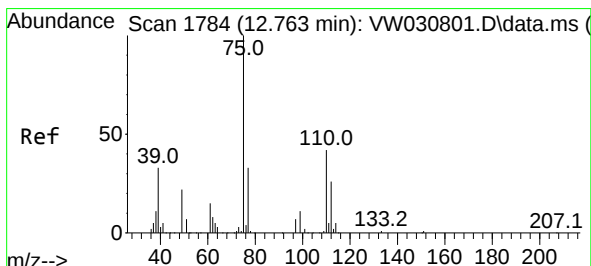
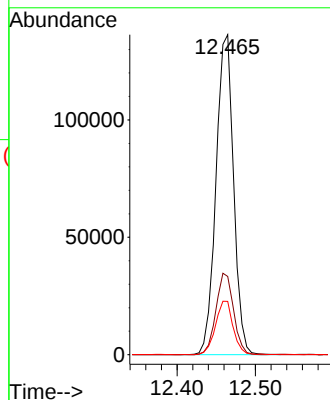
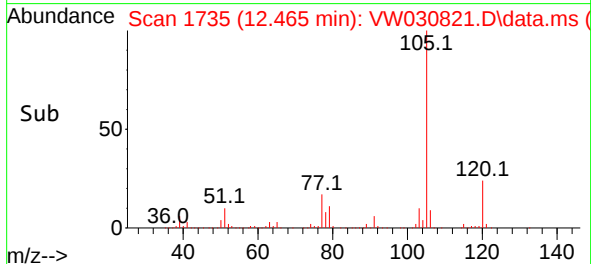


#60
Isopropylbenzene
Concen: 15.700 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04

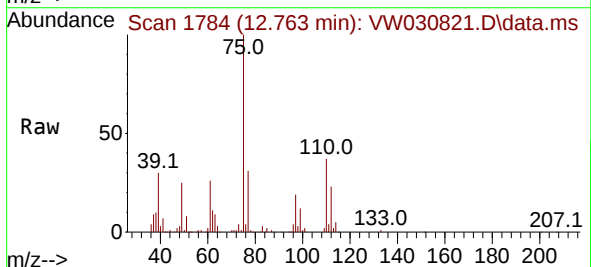
Instrument :
MSVOA_W
ClientSampleId :



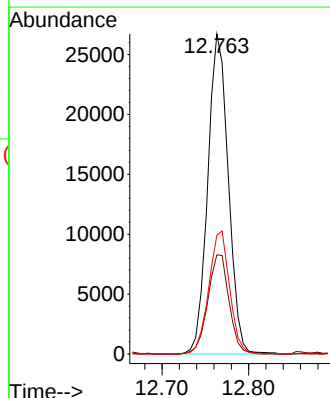
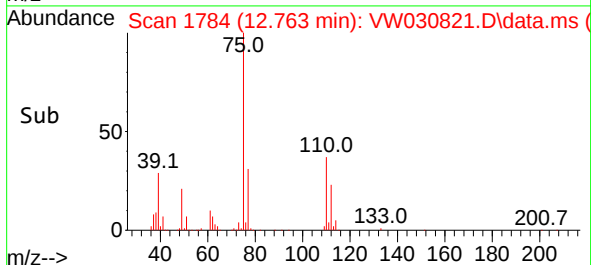
Tgt Ion:105 Resp: 212666
Ion Ratio Lower Upper
105 100
120 25.5 20.6 31.0
77 16.8 13.4 20.0

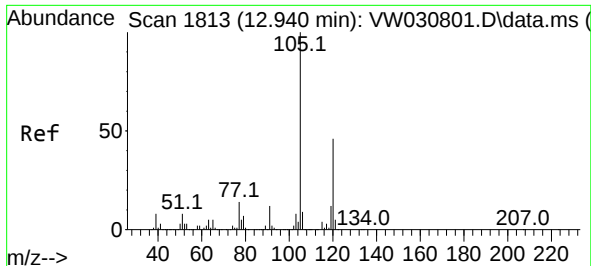


#61
1,2,3-Trichloropropane
Concen: 25.891 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030821.D
Acq: 29 Oct 2024 22:04



Tgt Ion: 75 Resp: 44068
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 39.0 32.3 48.5

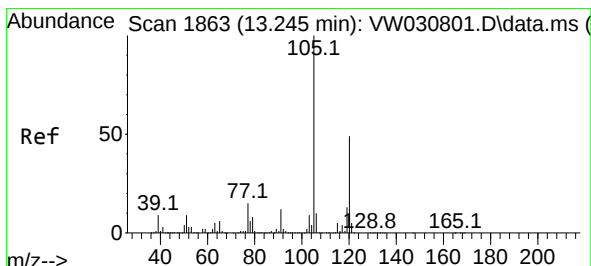
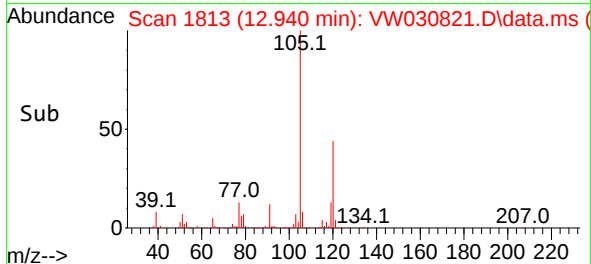
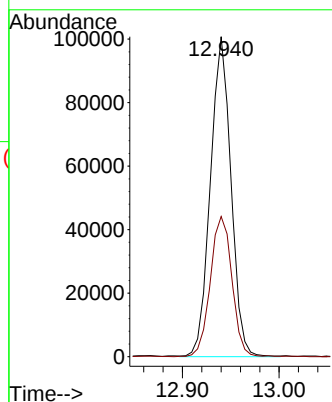
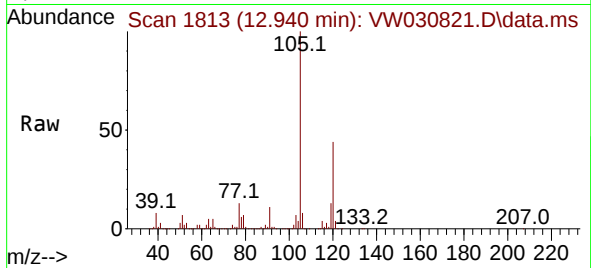




#62
 1,3,5-Trimethylbenzene
 Concen: 13.928 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030821.D
 Acq: 29 Oct 2024 22:04

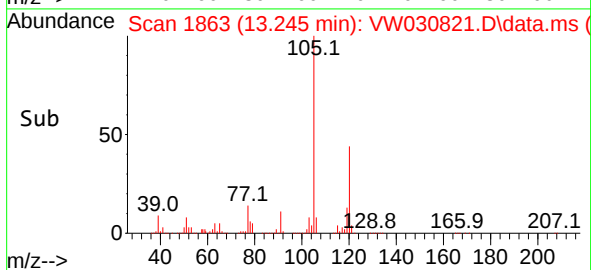
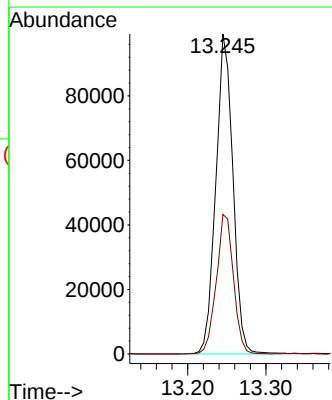
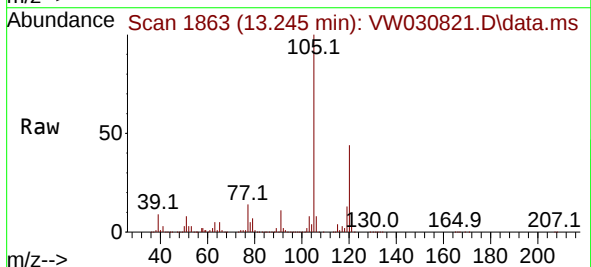
Instrument :
 MSVOA_W
 ClientSampleId :

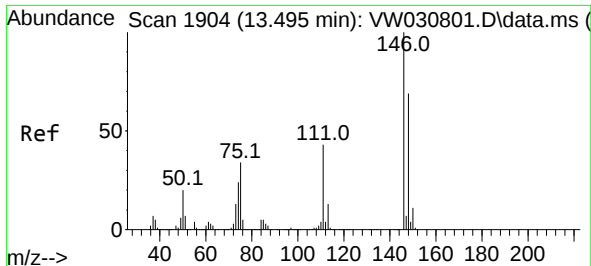
Tgt Ion:105 Resp: 148847
 Ion Ratio Lower Upper
 105 100
 120 46.0 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 14.397 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030821.D
 Acq: 29 Oct 2024 22:04

Tgt Ion:105 Resp: 150639
 Ion Ratio Lower Upper
 105 100
 120 43.8 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 14.765 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

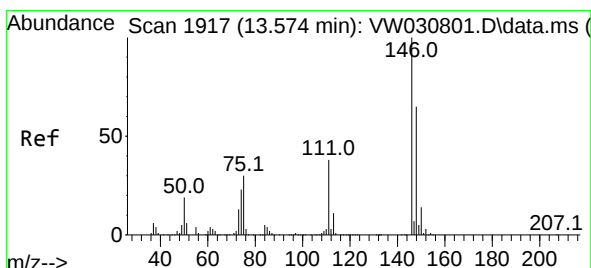
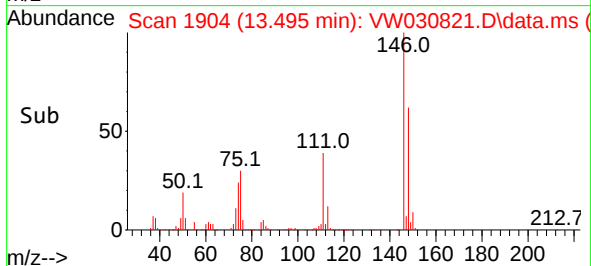
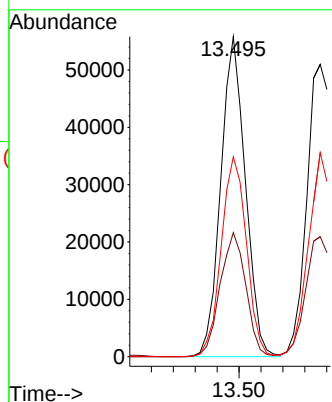
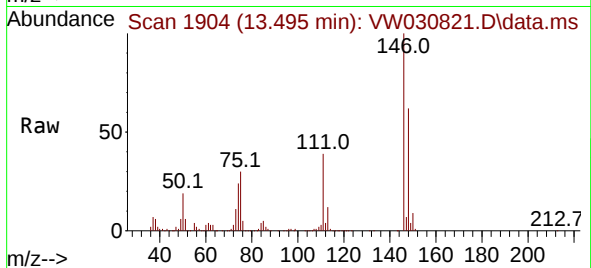
Tgt Ion:146 Resp: 87056

Ion Ratio Lower Upper

146 100

111 38.8 31.2 58.0

148 62.5 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 14.215 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

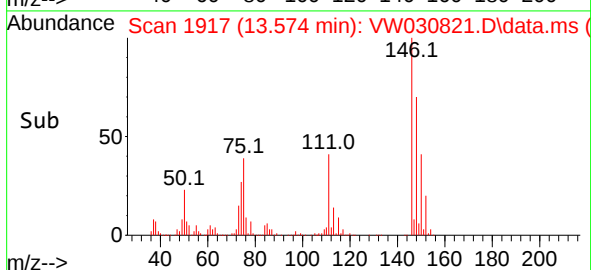
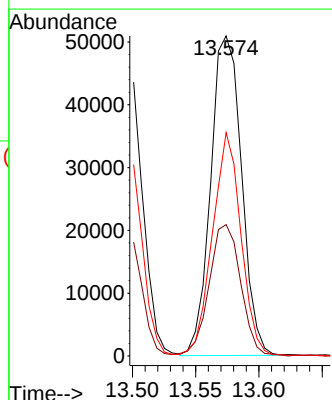
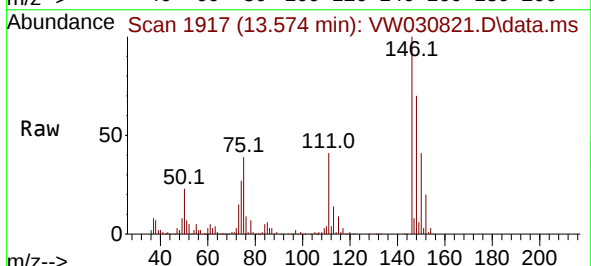
Tgt Ion:146 Resp: 86543

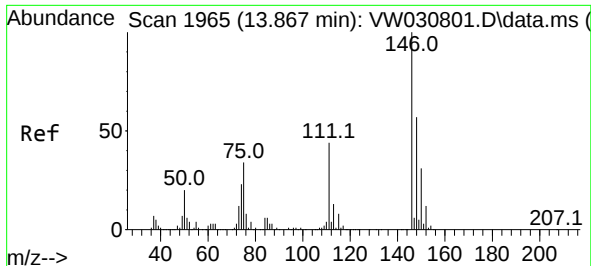
Ion Ratio Lower Upper

146 100

111 41.1 26.8 49.8

148 69.8 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 15.281 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

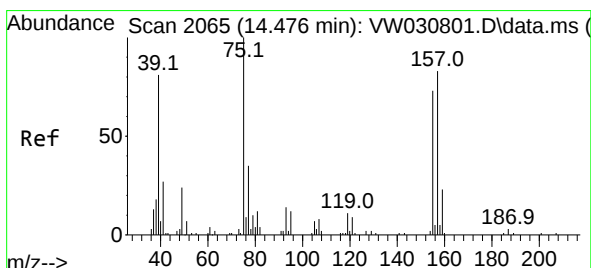
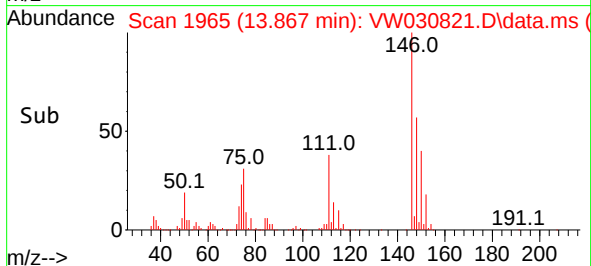
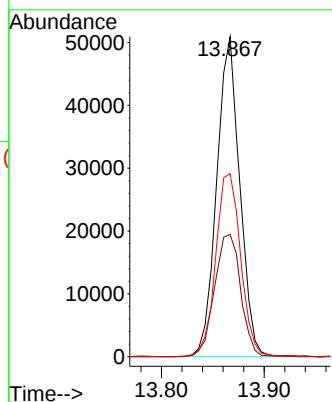
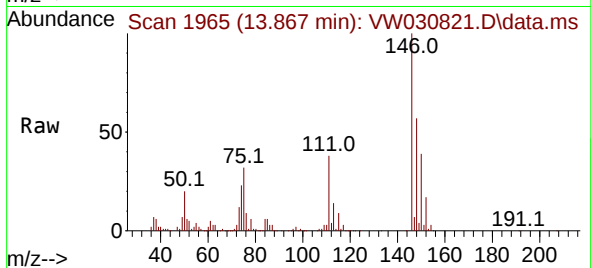
Tgt Ion:146 Resp: 79283

Ion Ratio Lower Upper

146 100

111 38.2 34.6 52.0

148 57.2 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 19.425 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

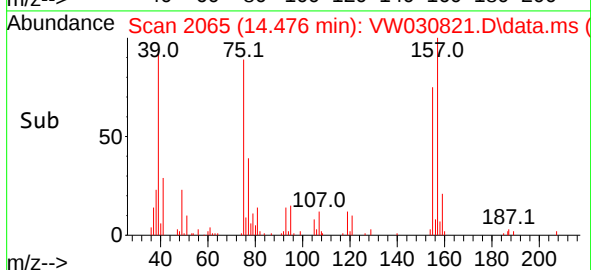
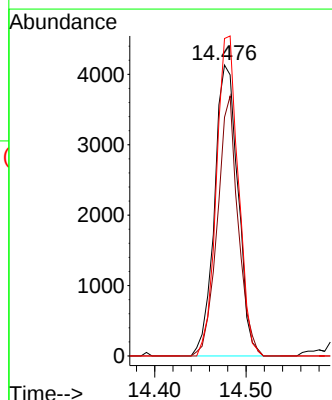
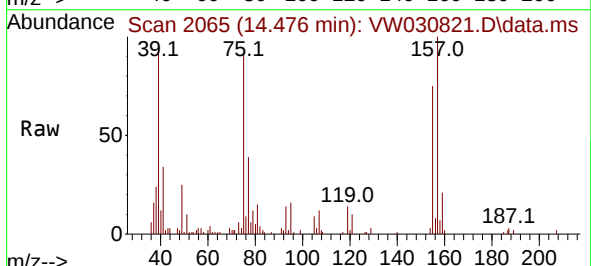
Tgt Ion: 75 Resp: 7372

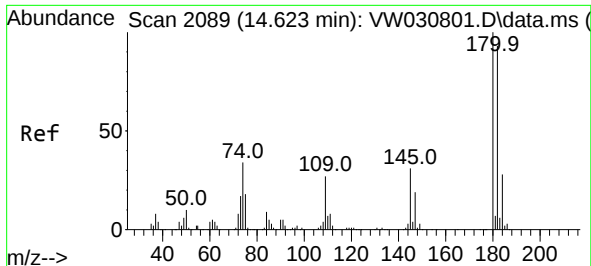
Ion Ratio Lower Upper

75 100

155 82.1 57.9 86.9

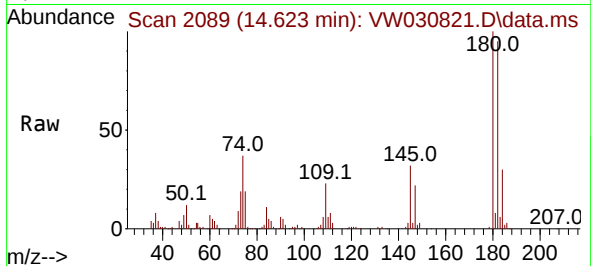
157 109.1 69.0 103.6#



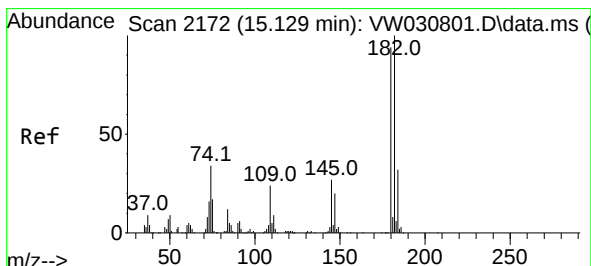
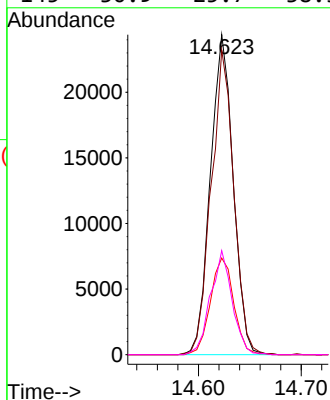
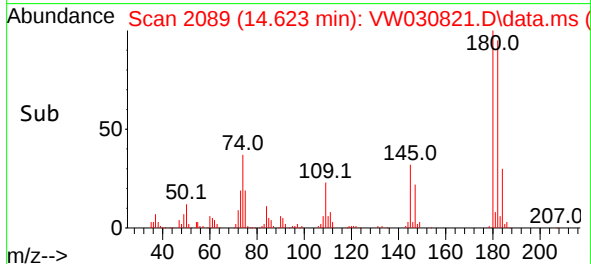


#69
 1,3,5-Trichlorobenzene
 Concen: 9.650 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030821.D
 Acq: 29 Oct 2024 22:04

Instrument :
 MSVOA_W
 ClientSampleId :

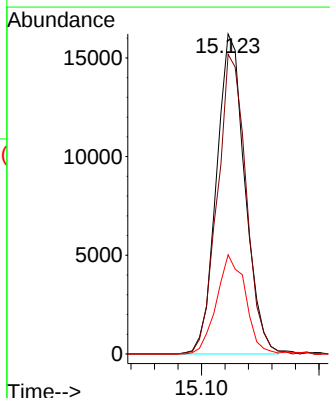
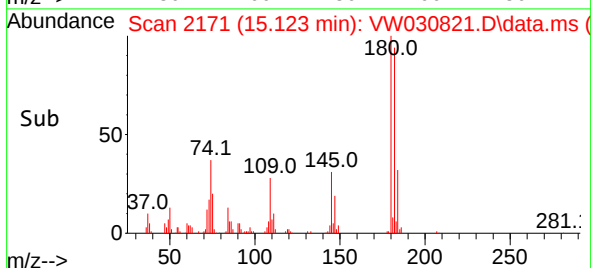
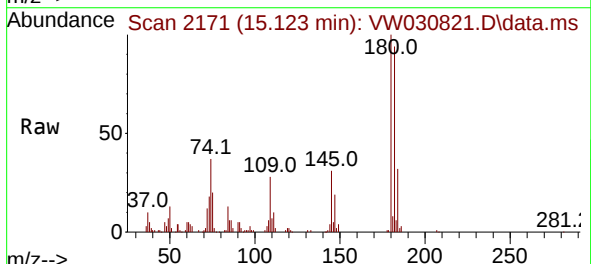


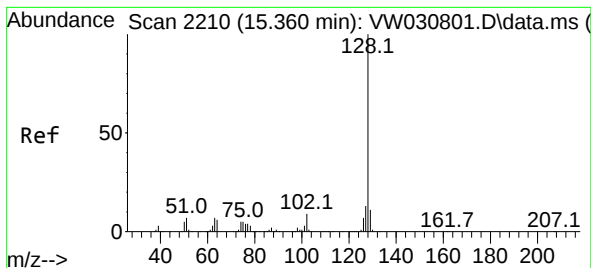
Tgt Ion:	180	Resp:	37520
Ion Ratio	Lower	Upper	
180	100		
182	94.3	79.9	119.9
184	31.0	25.2	37.8
145	30.9	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 8.718 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW030821.D
 Acq: 29 Oct 2024 22:04

Tgt Ion:	180	Resp:	27289
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.2	112.8
145	31.4	25.4	38.2





#71

Naphthalene

Concen: 11.614 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030821.D

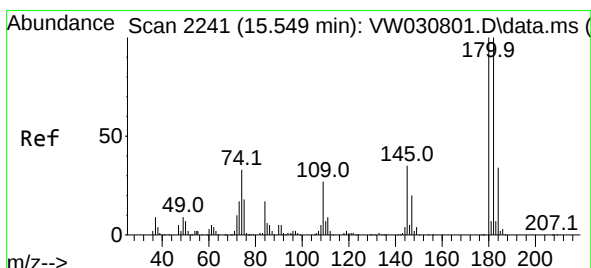
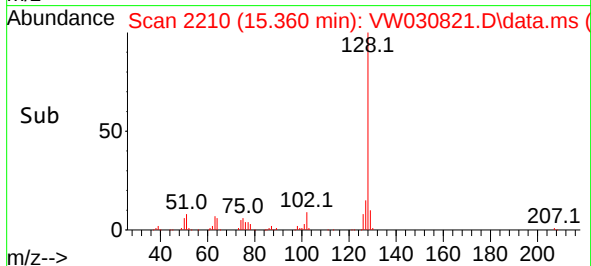
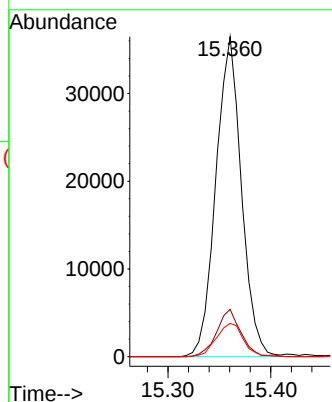
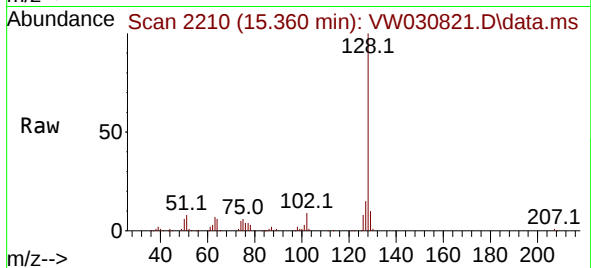
Acq: 29 Oct 2024 22:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	62808
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.9	16.3
129	11.0	8.8	13.2



#72

1,2,3-Trichlorobenzene

Concen: 9.332 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030821.D

Acq: 29 Oct 2024 22:04

Tgt Ion:	180	Resp:	25322
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.2	114.4
145	33.8	27.4	41.2

