

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091624\
 Data File : VW030132.D
 Acq On : 16 Sep 2024 14:33
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 17 04:19:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:16:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	224825	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109695	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	10310	3.229	ug/L	0.00
7) Chloroethane-d5	2.899	69	6728	2.985	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	4766	2.988	ug/L	0.00
21) 2-Butanone-d5	7.087	46	3804	4.948	ug/L	0.00
24) Chloroform-d	7.654	84	19340	2.845	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	9484	2.778	ug/L	0.00
32) Benzene-d6	8.276	84	36294	2.802	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	11310	2.828	ug/L	0.00
41) Toluene-d8	10.318	98	31569	2.720	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	4331	2.703	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	2469	4.035	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	8071	2.711	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	10704	2.875	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	6671	2.502	ug/L	98
3) Chloromethane	2.222	50	6863	2.696	ug/L	92
5) Vinyl chloride	2.369	62	8551	2.726	ug/L	100
6) Bromomethane	2.795	94	5150	2.741	ug/L	97
8) Chloroethane	2.942	64	5192	2.773	ug/L	99
9) Trichlorofluoromethane	3.271	101	9298	2.513	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	7821	2.354	ug/L #	67
12) 1,1-Dichloroethene	4.045	96	7272	2.464	ug/L	81
13) Acetone	4.124	43	4333	4.929	ug/L	95
14) Carbon disulfide	4.387	76	22674	2.705	ug/L	100
15) Methyl Acetate	4.758	43	163	0.114	ug/L	99
16) Methylene chloride	4.917	84	11198	3.072	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	8515	2.617	ug/L	77
18) Methyl tert-butyl Ether	5.435	73	11389	2.221	ug/L #	87
19) 1,1-Dichloroethane	6.216	63	16543	2.504	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	8555	2.396	ug/L	95
22) 2-Butanone	7.179	43	4114	4.042	ug/L	92
23) Bromochloromethane	7.514	128	4043	2.534	ug/L	98
25) Chloroform	7.679	83	16903	2.519	ug/L	99
27) 1,2-Dichloroethane	8.398	62	10463	2.487	ug/L	98
29) Cyclohexane	7.953	56	10734	2.241	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	13243	2.435	ug/L	96
31) Carbon tetrachloride	8.063	117	12801	2.591	ug/L	100
33) Benzene	8.325	78	34498	2.510	ug/L	100
34) Trichloroethene	9.093	95	9674	2.607	ug/L	94
35) Methylcyclohexane	9.331	83	13182	2.304	ug/L	94
37) 1,2-Dichloropropane	9.367	63	9232	2.478	ug/L #	94
38) Bromodichloromethane	9.642	83	11789	2.513	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	12169	2.233	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	7846	4.121	ug/L	98
42) Toluene	10.386	91	34464	2.363	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	10325	2.252	ug/L	95

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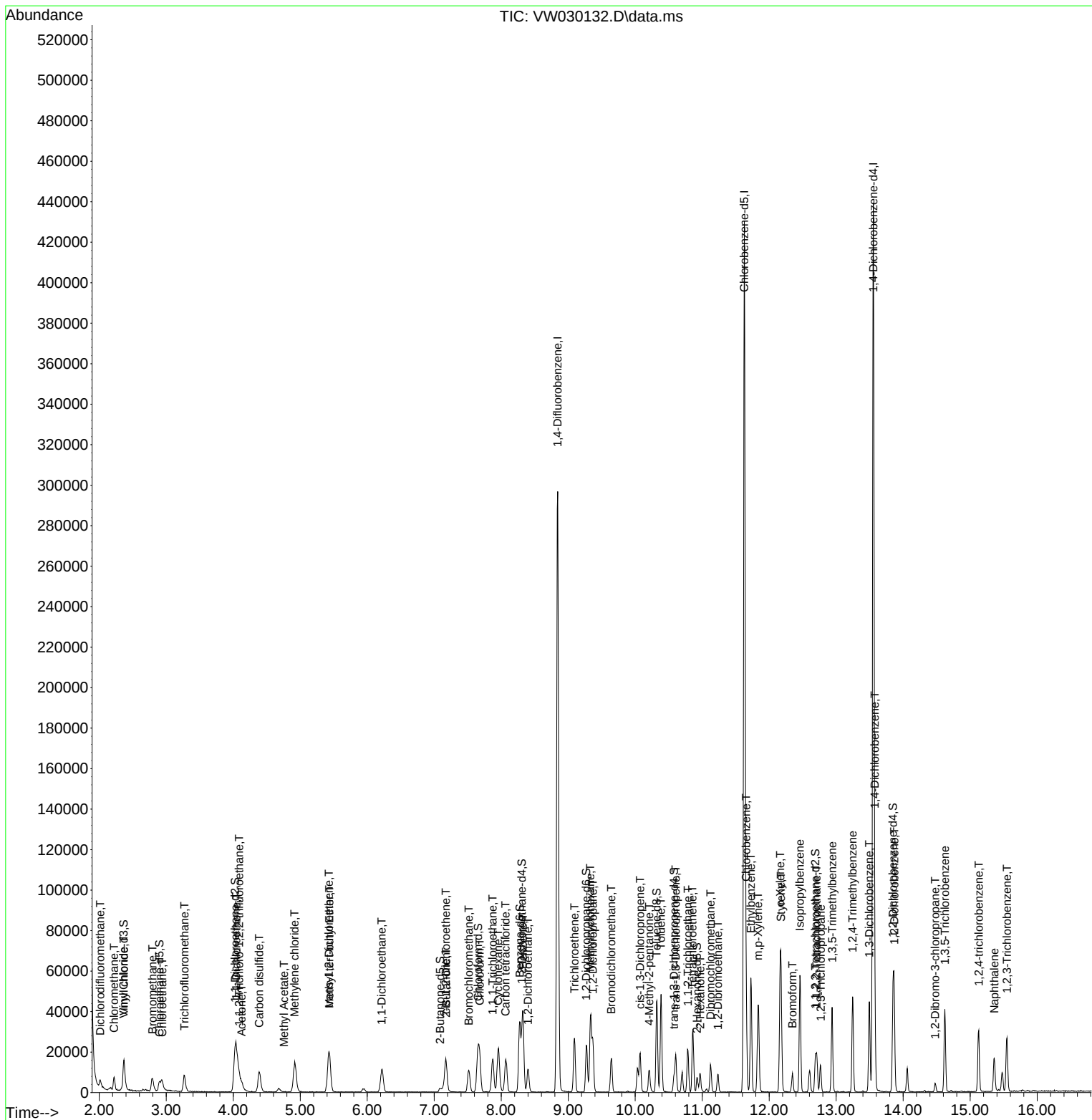
Quant Time: Sep 17 04:19:15 2024
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 Quant Title : SFAM01.0
 QLast Update : Tue Sep 17 04:16:13 2024
 Response via : Initial Calibration

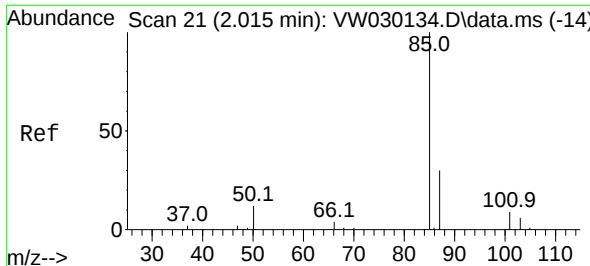
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	6902	2.546	ug/L	93
46) Tetrachloroethene	10.855	164	7051	2.575	ug/L	94
48) 2-Hexanone	10.971	43	6285	4.293	ug/L	91
49) Dibromochloromethane	11.123	129	6830	2.315	ug/L	97
50) 1,2-Dibromoethane	11.233	107	6235	2.494	ug/L	82
51) Chlorobenzene	11.654	112	24139	2.562	ug/L	98
52) Ethylbenzene	11.727	91	38522	2.307	ug/L	96
53) m,p-Xylene	11.836	106	13888	2.254	ug/L	93
54) o-Xylene	12.166	106	12967	2.237	ug/L	98
55) Styrene	12.178	104	21939	2.182	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	8319	2.571	ug/L	95
59) Bromoform	12.349	173	4173	2.404	ug/L	98
60) Isopropylbenzene	12.458	105	35425	2.193	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	5906	2.588	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	21717	1.835	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	25292	2.055	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	16975	2.371	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	19567	2.646	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	16282	2.524	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	1180	2.371	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.623	180	12912	2.584	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	9793	2.420	ug/L	99
71) Naphthalene	15.360	128	14624	1.990	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	8558	2.411	ug/L	98

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

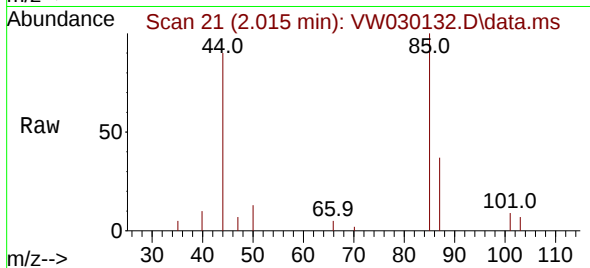
Quant Time: Sep 17 04:19:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0
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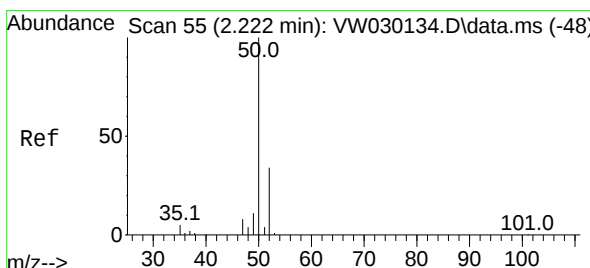
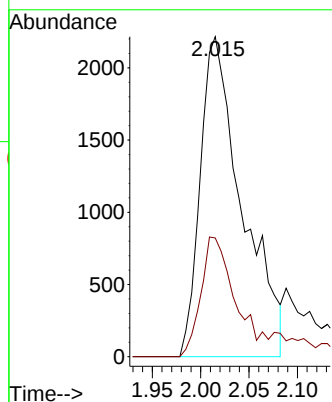
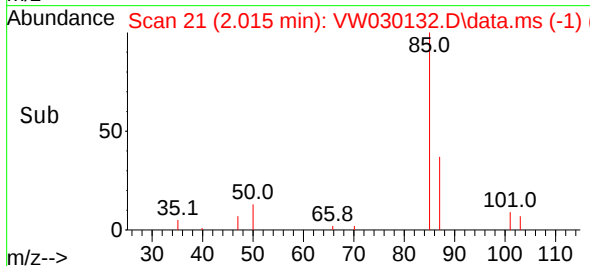


#2
 Dichlorodifluoromethane
 Concen: 2.502 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030132.D
 Acq: 16 Sep 2024 14:33

Instrument :
 MSVOA_W
 ClientSampleId :

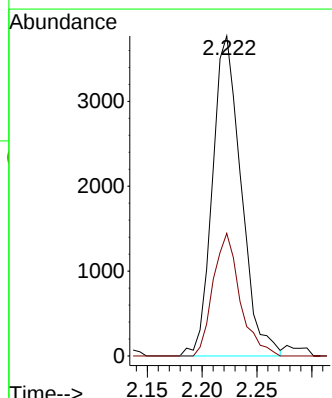
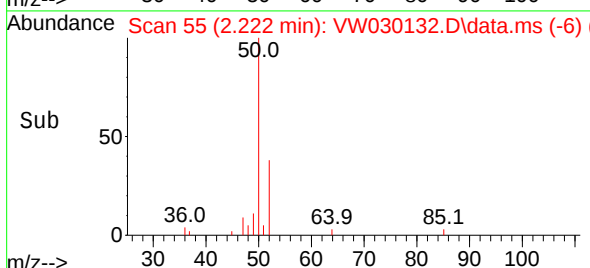
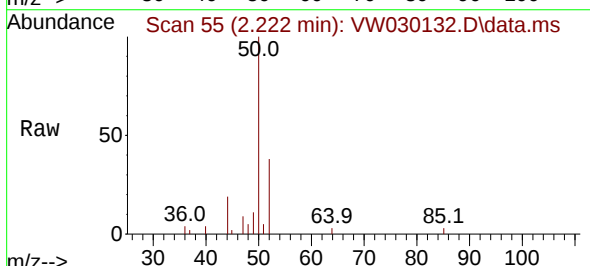


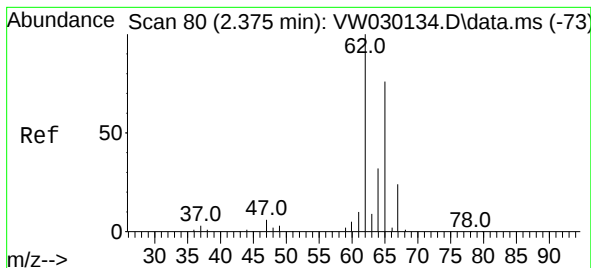
Tgt Ion: 85 Resp: 6671
 Ion Ratio Lower Upper
 85 100
 87 27.4 21.2 31.8



#3
 Chloromethane
 Concen: 2.696 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030132.D
 Acq: 16 Sep 2024 14:33

Tgt Ion: 50 Resp: 6863
 Ion Ratio Lower Upper
 50 100
 52 38.3 23.4 43.6





#5

Vinyl chloride

Concen: 2.726 ug/L

RT: 2.369 min Scan# 70

Delta R.T. -0.006 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

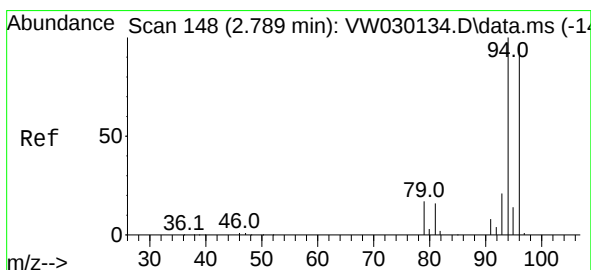
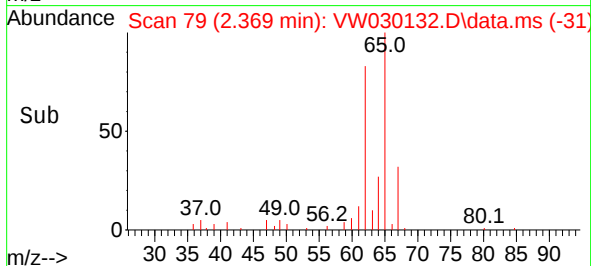
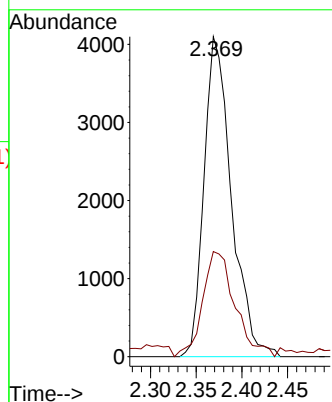
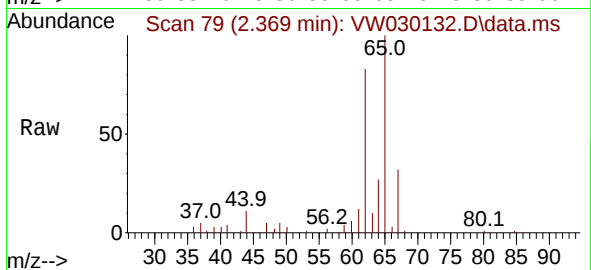
ClientSampleId :

Tgt Ion: 62 Resp: 8551

Ion Ratio Lower Upper

62 100

64 32.8 23.0 42.8



#6

Bromomethane

Concen: 2.741 ug/L

RT: 2.795 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW030132.D

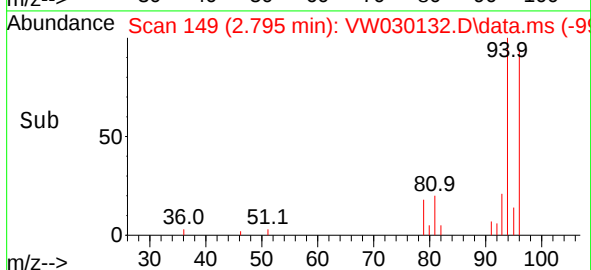
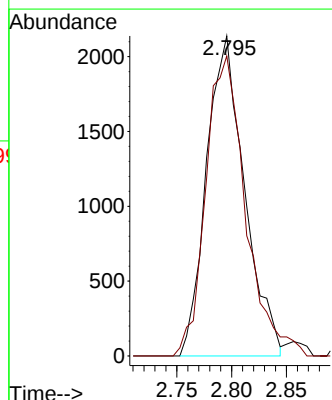
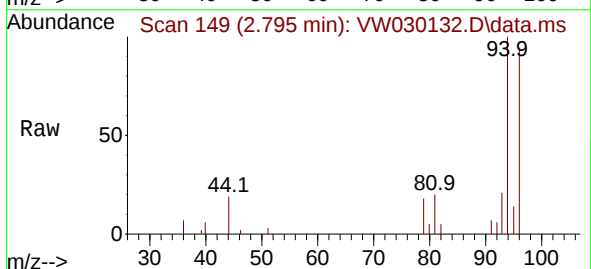
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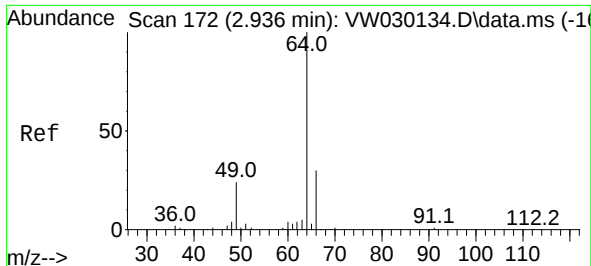
Tgt Ion: 94 Resp: 5150

Ion Ratio Lower Upper

94 100

96 93.7 67.5 125.3

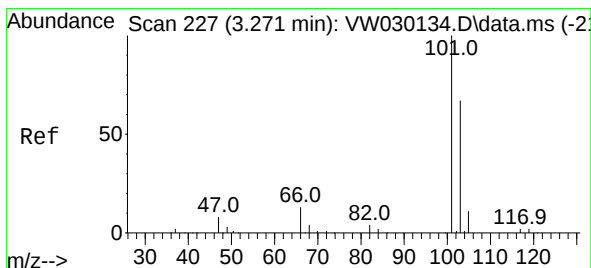
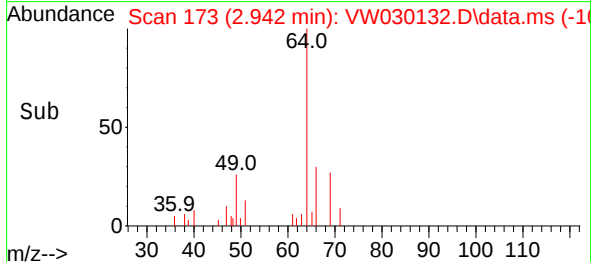
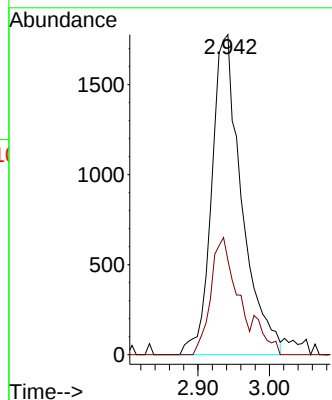
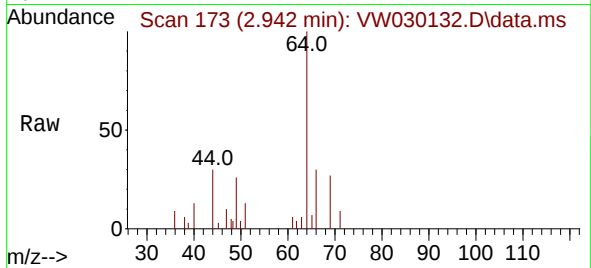




#8
Chloroethane
Concen: 2.773 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

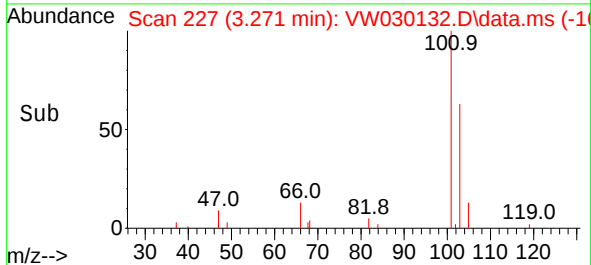
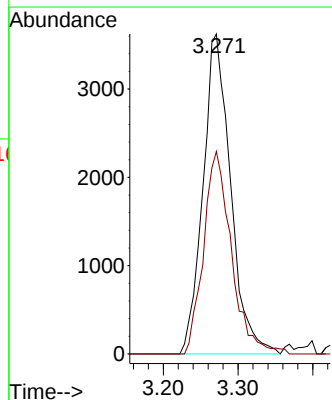
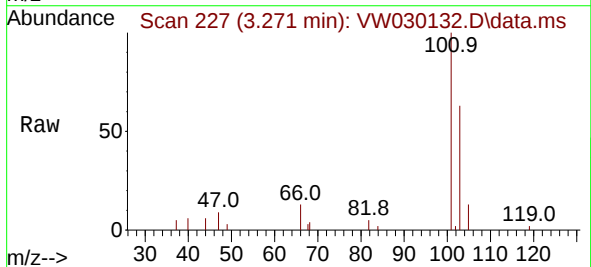
Instrument :
MSVOA_W
ClientSampleId :

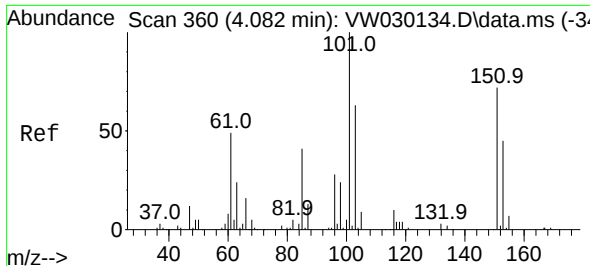
Tgt Ion: 64 Resp: 5192
Ion Ratio Lower Upper
64 100
66 29.5 21.1 39.3



#9
Trichlorofluoromethane
Concen: 2.513 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

Tgt Ion:101 Resp: 9298
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.6





#10

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

Concen: 2.354 ug/L

RT: 4.088 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

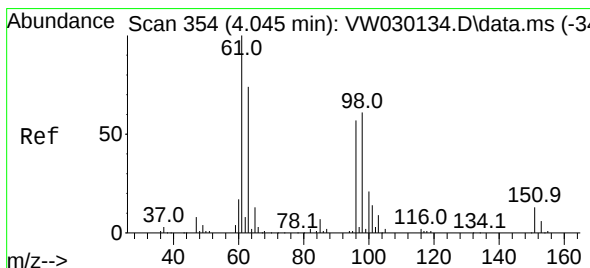
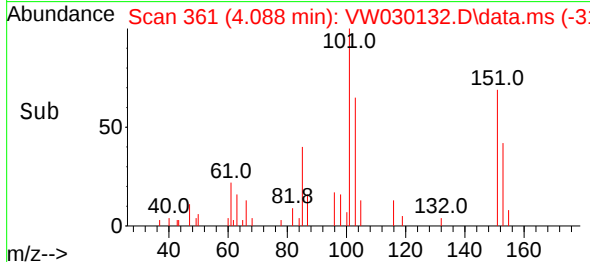
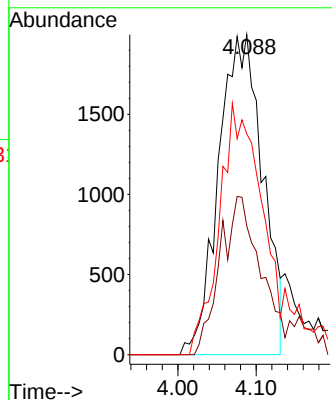
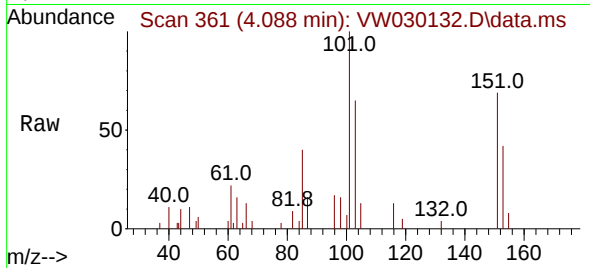
Tgt Ion:101 Resp: 7821

Ion Ratio Lower Upper

101 100

85 32.4 34.2 51.2#

151 34.6 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 2.464 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

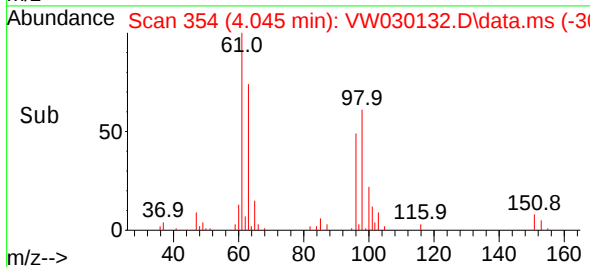
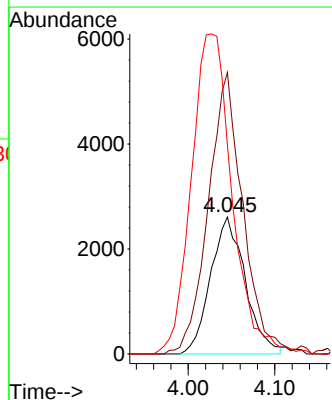
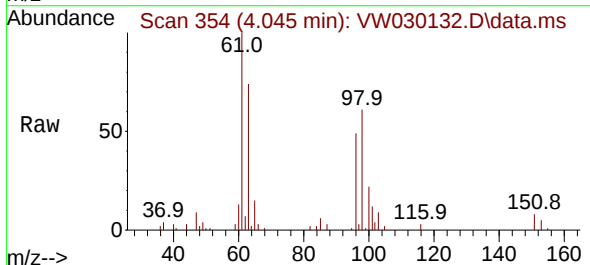
Tgt Ion: 96 Resp: 7272

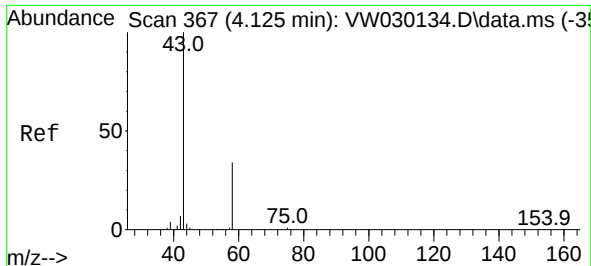
Ion Ratio Lower Upper

96 100

61 205.6 124.0 230.4

63 152.6 93.3 173.3

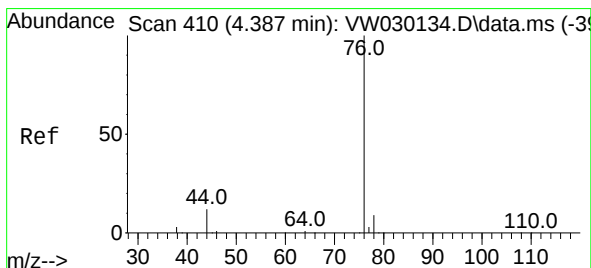
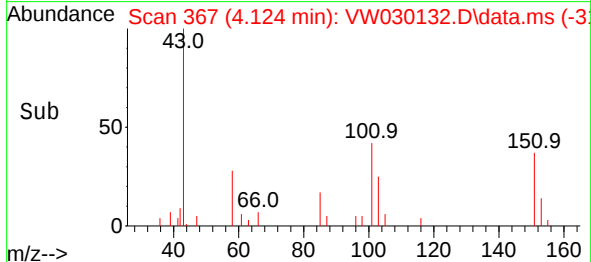
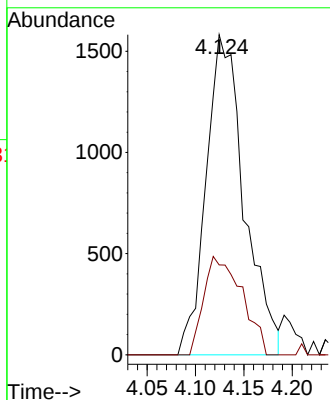
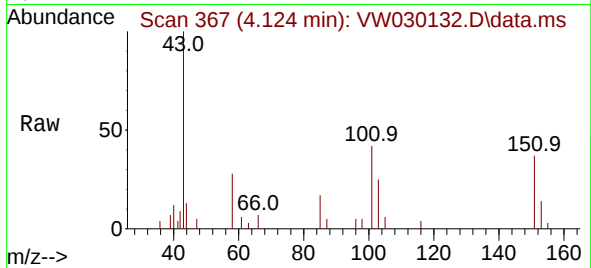




#13
Acetone
Concen: 4.929 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

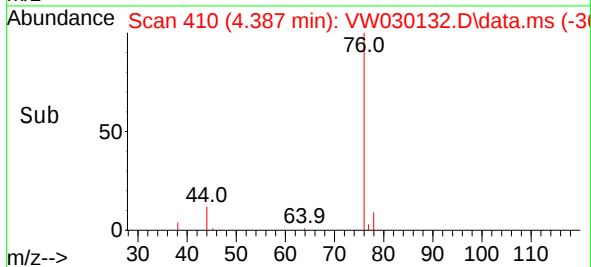
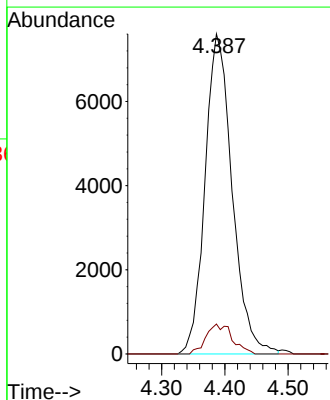
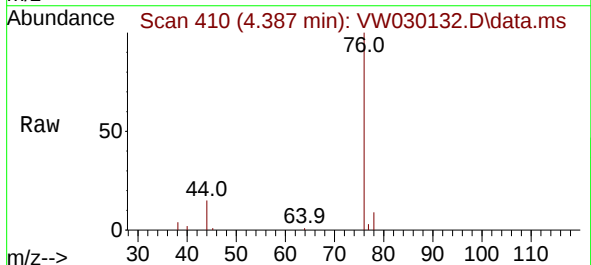
Instrument :
MSVOA_W
ClientSampleId :

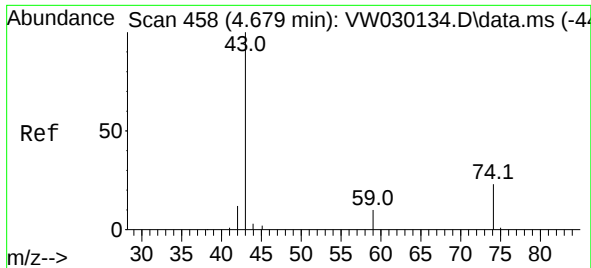
Tgt Ion: 43 Resp: 4333
Ion Ratio Lower Upper
43 100
58 29.5 0.0 65.0



#14
Carbon disulfide
Concen: 2.705 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

Tgt Ion: 76 Resp: 22674
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4





#15

Methyl Acetate

Concen: 0.114 ug/L

RT: 4.758 min Scan# 4

Delta R.T. 0.079 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

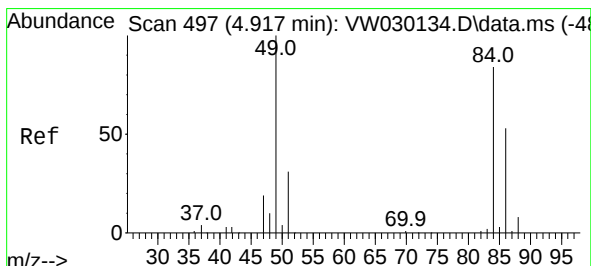
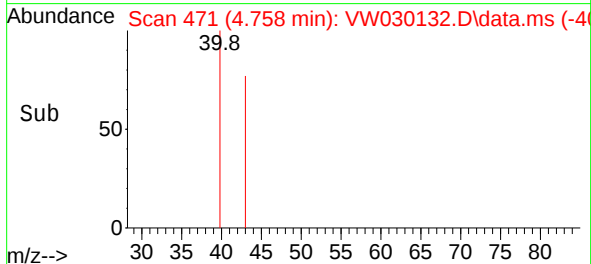
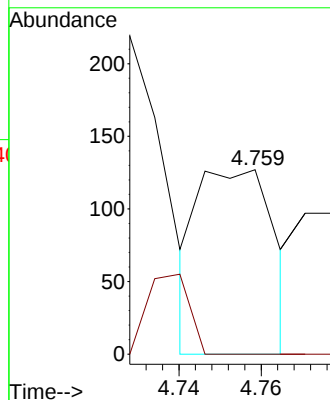
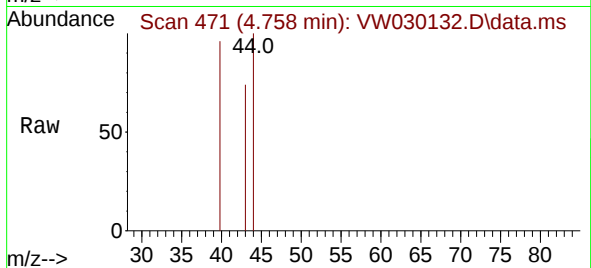
ClientSampleId :

Tgt Ion: 43 Resp: 163

Ion Ratio Lower Upper

43 100

74 23.9 18.9 28.3



#16

Methylene chloride

Concen: 3.072 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

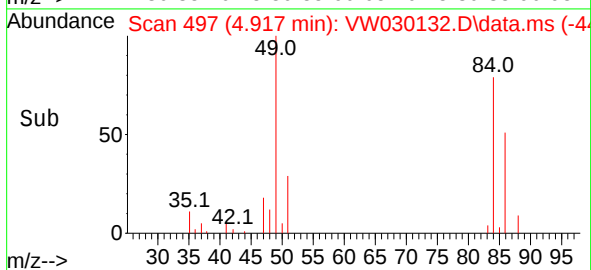
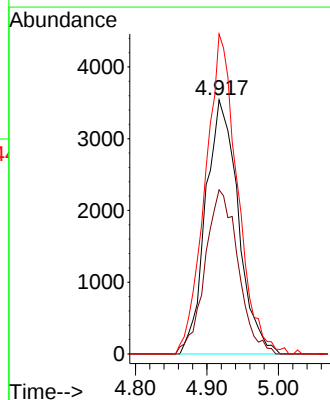
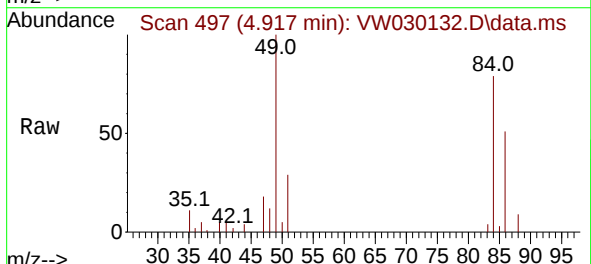
Tgt Ion: 84 Resp: 11198

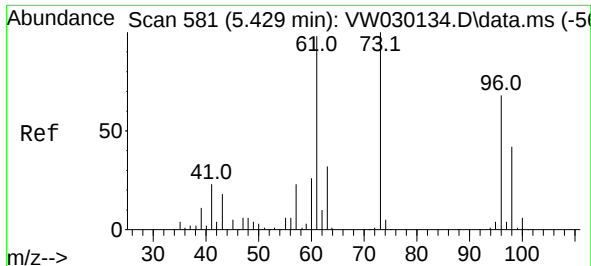
Ion Ratio Lower Upper

84 100

86 64.6 44.6 82.8

49 126.0 83.8 155.6





#17

trans-1,2-Dichloroethene

Concen: 2.617 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

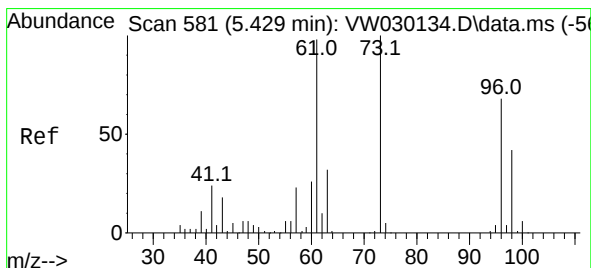
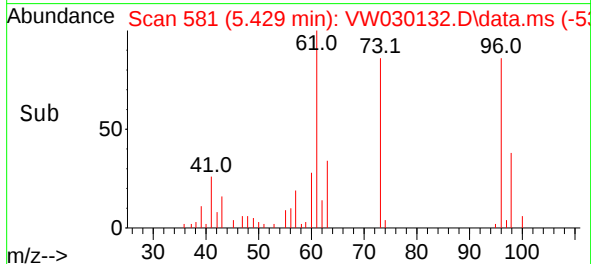
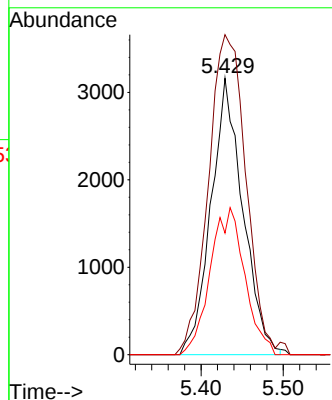
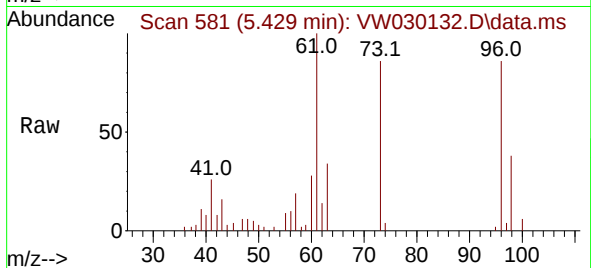
Tgt Ion: 96 Resp: 8515

Ion Ratio Lower Upper

96 100

61 115.7 100.8 187.2

98 44.0 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 2.221 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

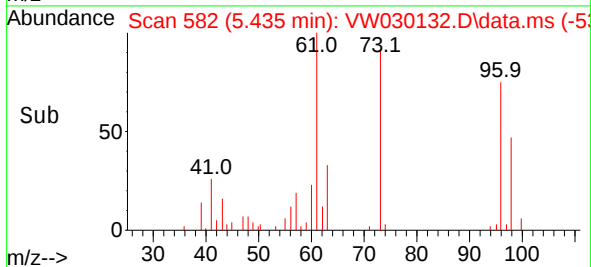
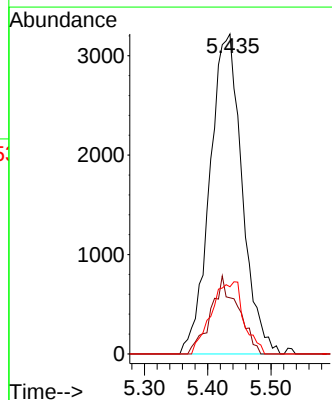
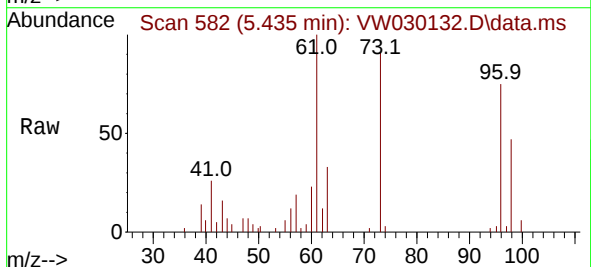
Tgt Ion: 73 Resp: 11389

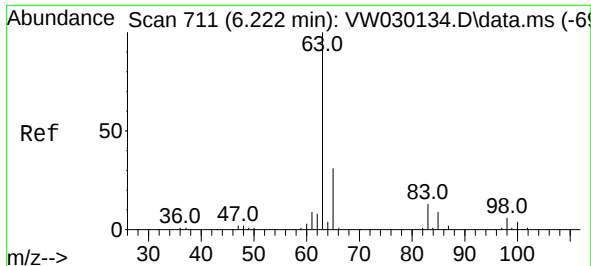
Ion Ratio Lower Upper

73 100

43 7.3 15.7 23.5#

57 22.6 18.8 28.2





#19

1,1-Dichloroethane

Concen: 2.504 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030132.D

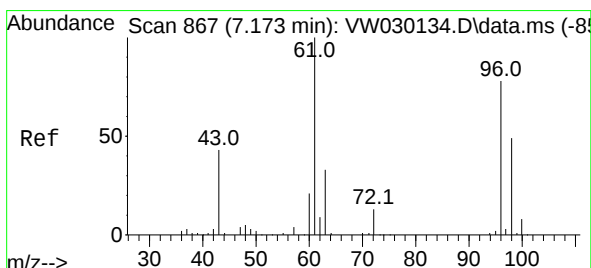
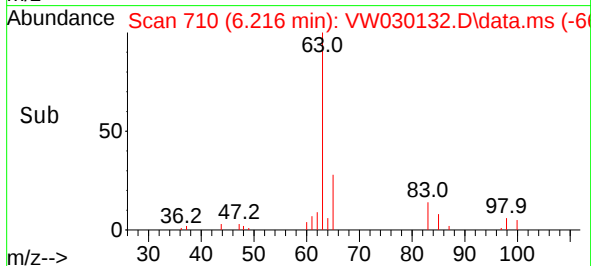
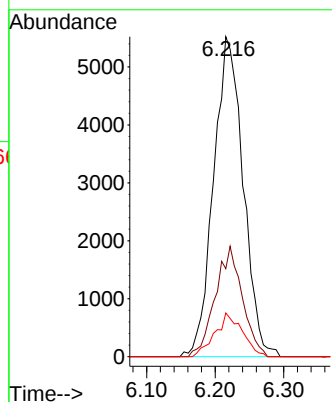
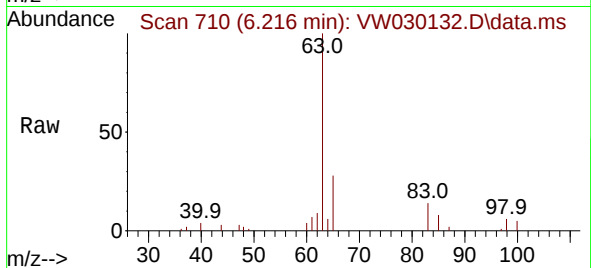
Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	16543
Ion Ratio	Lower	Upper	
63	100		
65	27.5	21.6	40.0
83	13.7	9.0	16.8



#20

cis-1,2-Dichloroethene

Concen: 2.396 ug/L

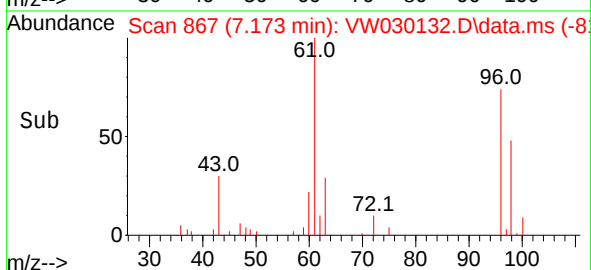
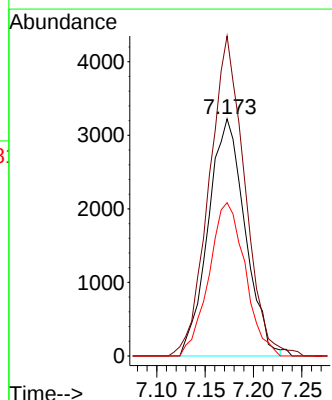
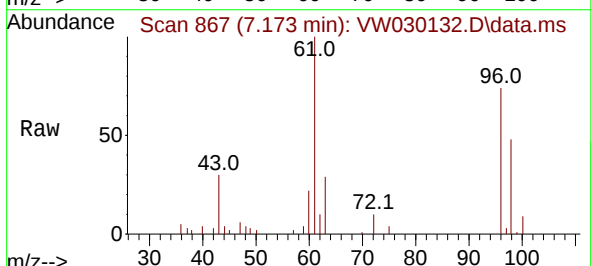
RT: 7.173 min Scan# 867

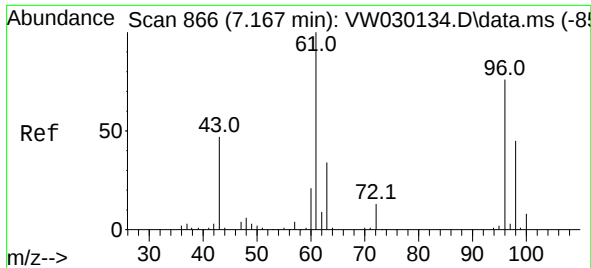
Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Tgt Ion:	96	Resp:	8555
Ion Ratio	Lower	Upper	
96	100		
61	135.0	89.5	166.3
98	64.7	44.3	82.3

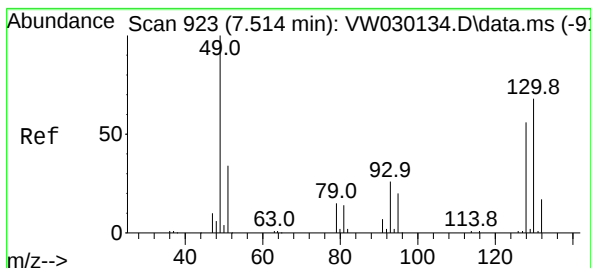
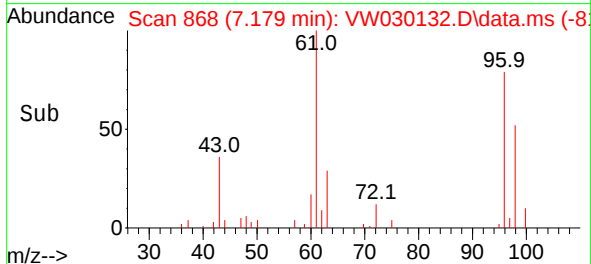
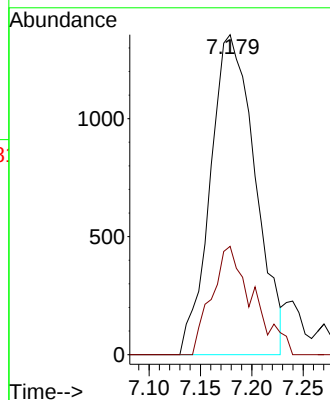
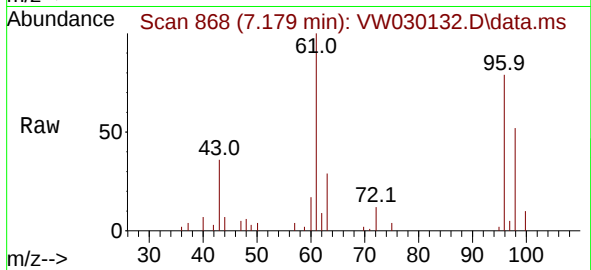




#22
2-Butanone
Concen: 4.042 ug/L
RT: 7.179 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

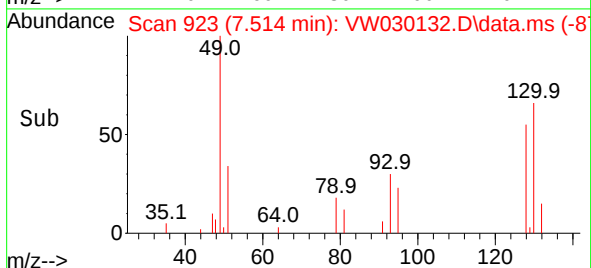
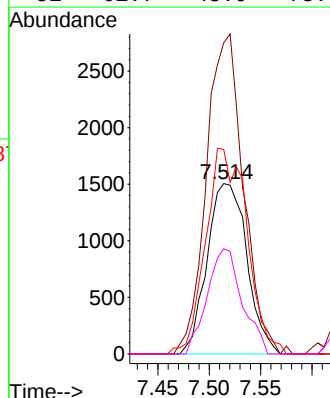
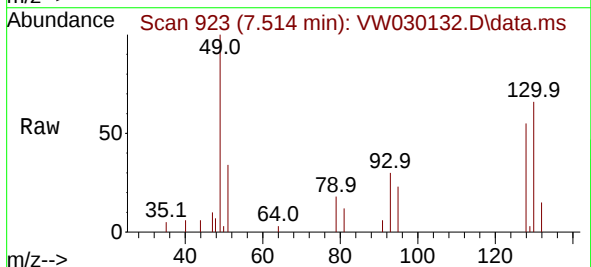
Instrument :
MSVOA_W
ClientSampleId :

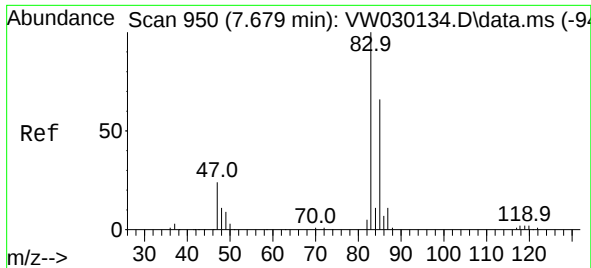
Tgt Ion: 43 Resp: 4114
Ion Ratio Lower Upper
43 100
72 23.6 13.9 41.7



#23
Bromochloromethane
Concen: 2.534 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

Tgt Ion: 128 Resp: 4043
Ion Ratio Lower Upper
128 100
49 182.6 126.1 234.1
130 120.0 85.9 159.5
51 61.7 48.9 73.3

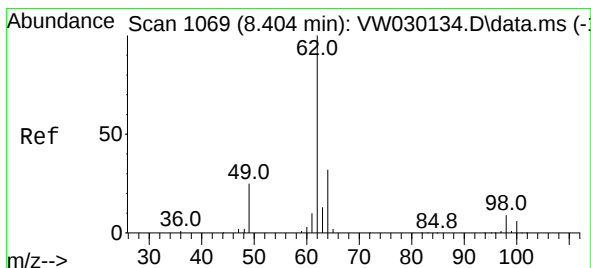
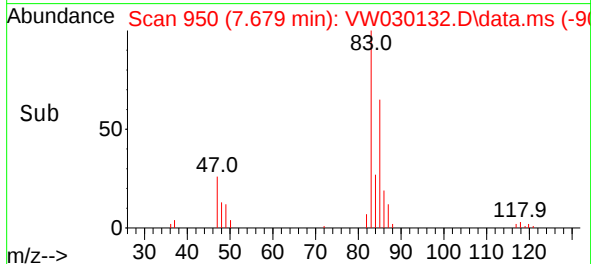
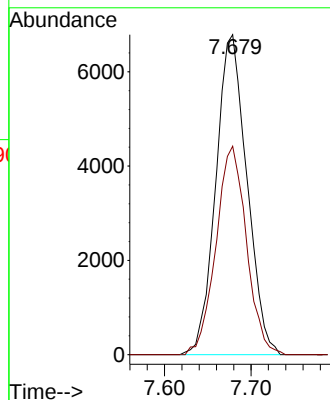
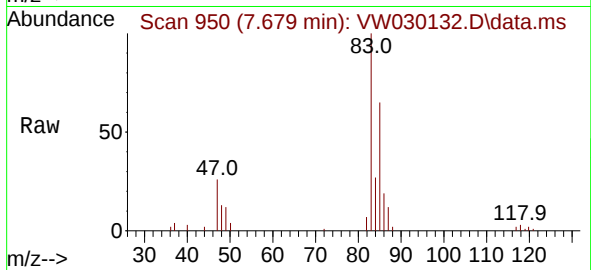




#25
Chloroform
Concen: 2.519 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

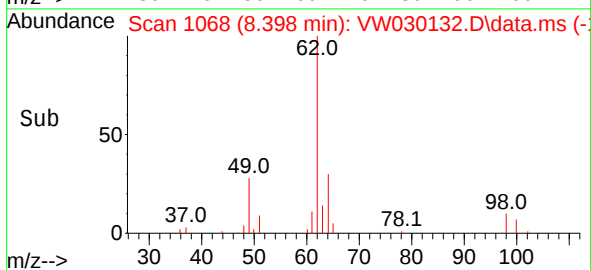
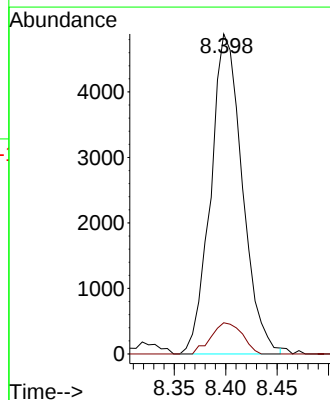
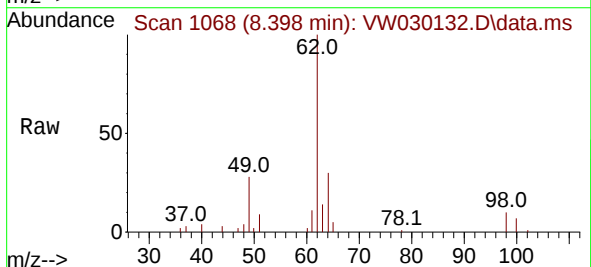
Instrument :
MSVOA_W
ClientSampleId :

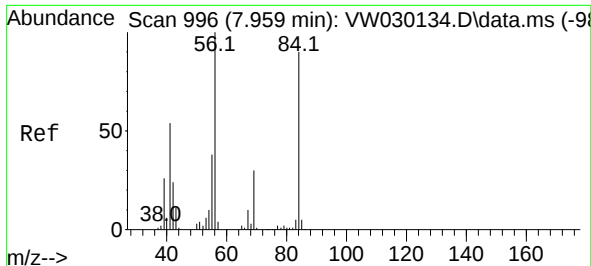
Tgt Ion: 83 Resp: 16903
Ion Ratio Lower Upper
83 100
85 65.2 46.1 85.5



#27
1,2-Dichloroethane
Concen: 2.487 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

Tgt Ion: 62 Resp: 10463
Ion Ratio Lower Upper
62 100
98 9.7 7.3 10.9





#29

Cyclohexane

Concen: 2.241 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

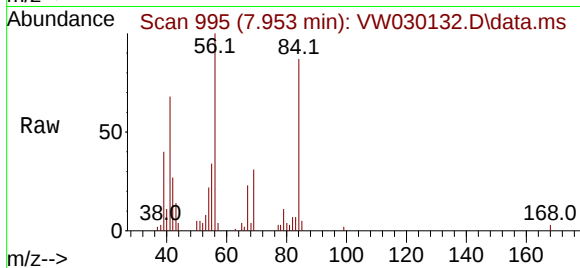
Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :



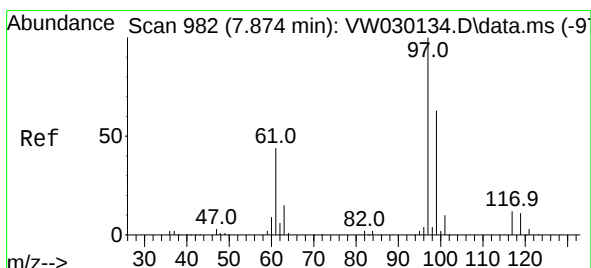
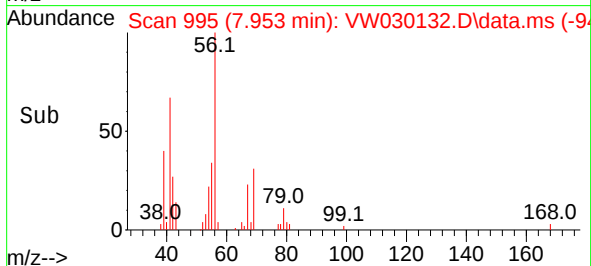
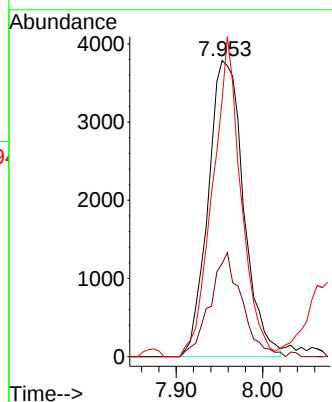
Tgt Ion: 56 Resp: 10734

Ion Ratio Lower Upper

56 100

69 31.7 24.6 37.0

84 86.8 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 2.435 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

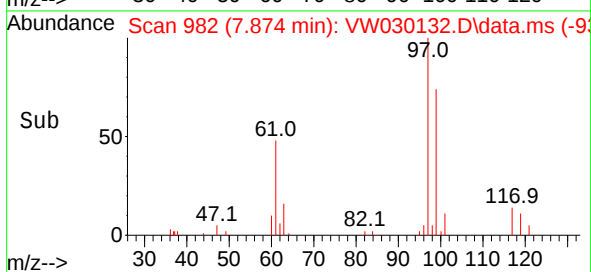
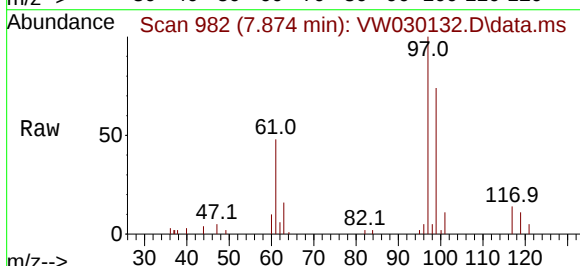
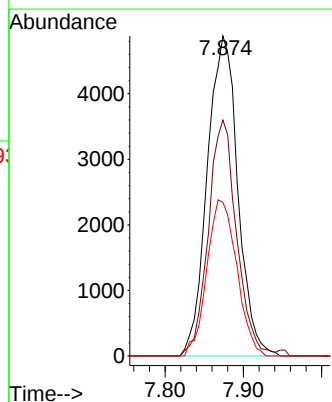
Tgt Ion: 97 Resp: 13243

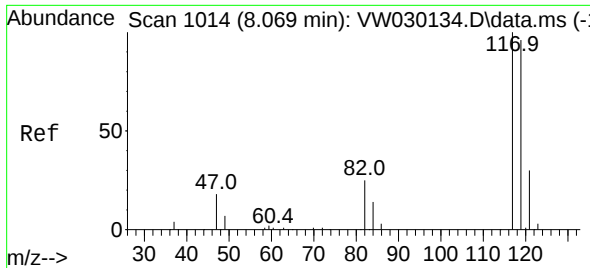
Ion Ratio Lower Upper

97 100

99 68.2 51.3 76.9

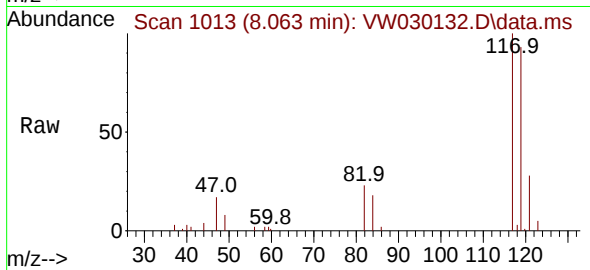
61 47.7 36.4 54.6



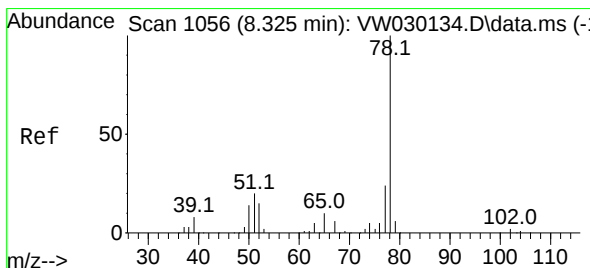
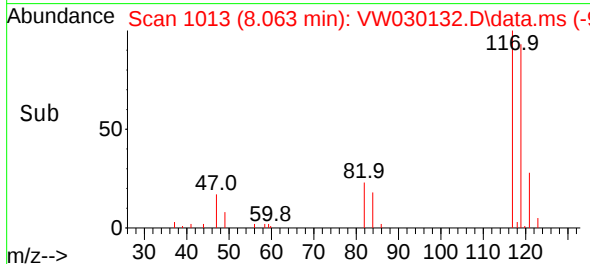
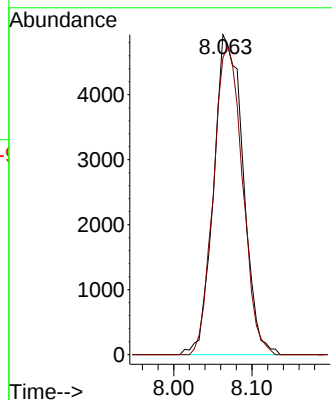


#31
Carbon tetrachloride
Concen: 2.591 ug/L
RT: 8.063 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

Instrument :
MSVOA_W
ClientSampleId :

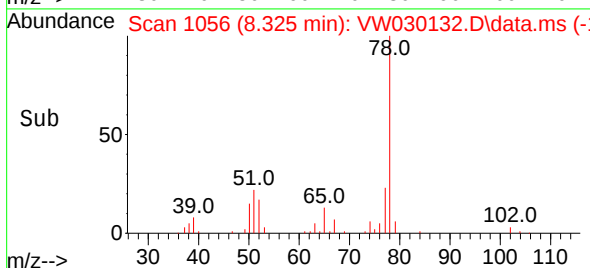
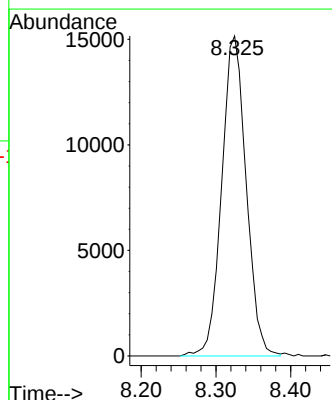
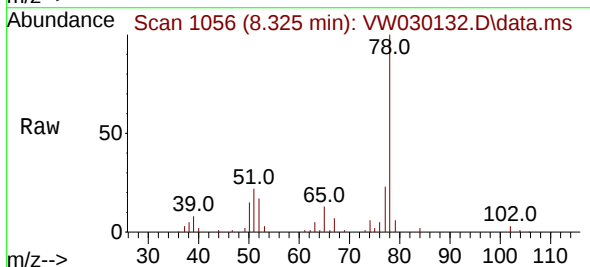


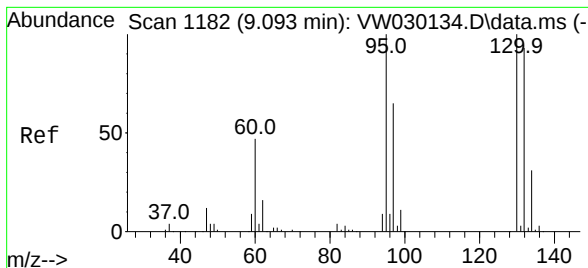
Tgt Ion:117 Resp: 12801
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.4



#33
Benzene
Concen: 2.510 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

Tgt Ion: 78 Resp: 34498





#34

Trichloroethene

Concen: 2.607 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 9674

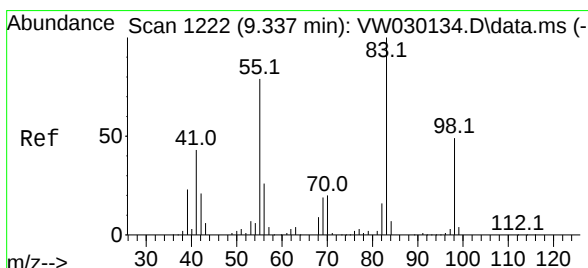
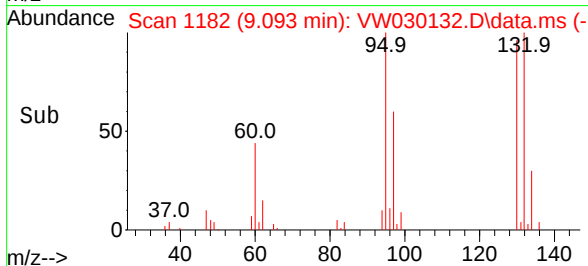
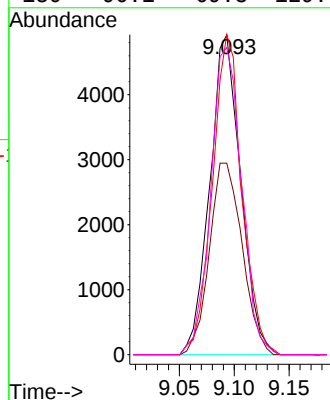
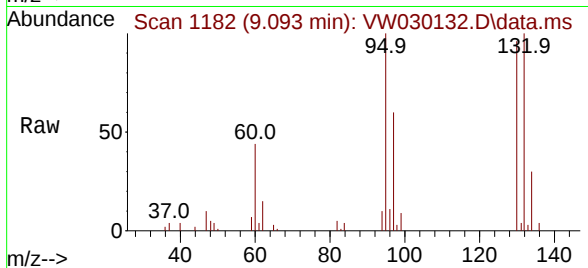
Ion Ratio Lower Upper

95 100

97 59.9 45.2 84.0

132 100.0 64.8 120.3

130 96.1 69.8 129.6



#35

Methylcyclohexane

Concen: 2.304 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

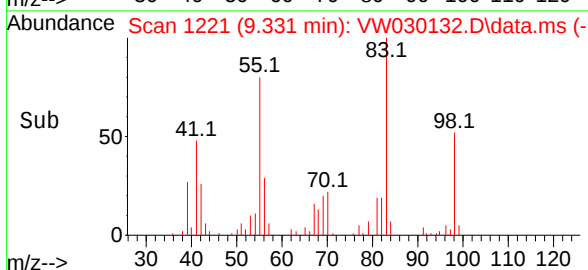
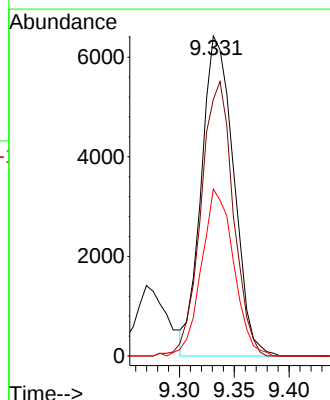
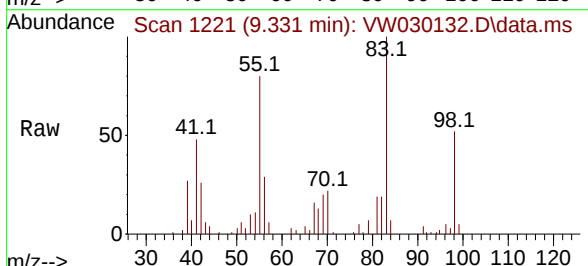
Tgt Ion: 83 Resp: 13182

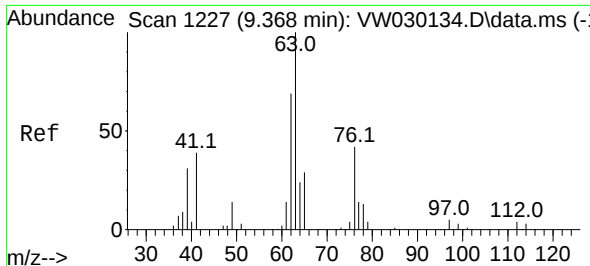
Ion Ratio Lower Upper

83 100

55 85.3 63.0 94.6

98 51.7 38.7 58.1





#37

1,2-Dichloropropane

Concen: 2.478 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

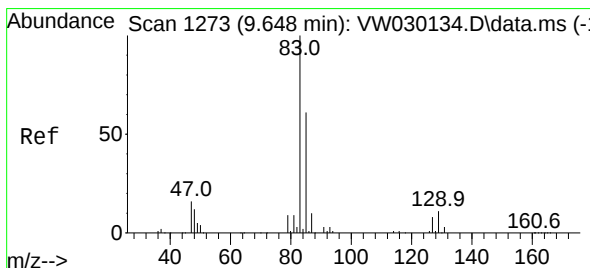
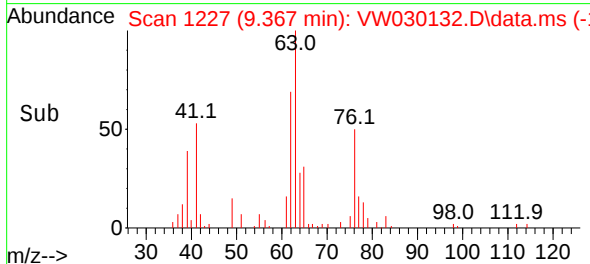
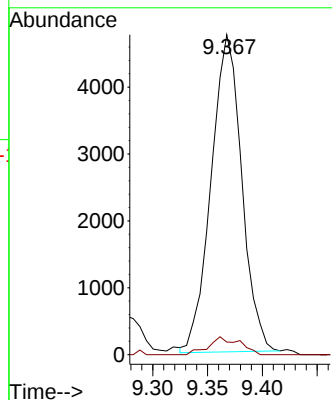
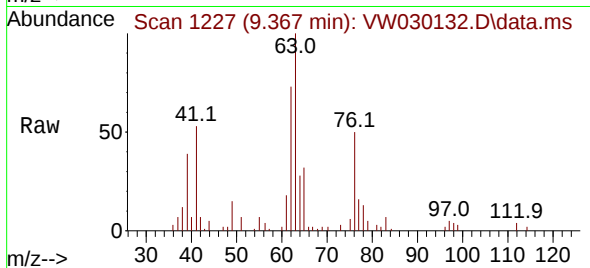
ClientSampleId :

Tgt Ion: 63 Resp: 9232

Ion Ratio Lower Upper

63 100

112 2.5 3.5 5.3#



#38

Bromodichloromethane

Concen: 2.513 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

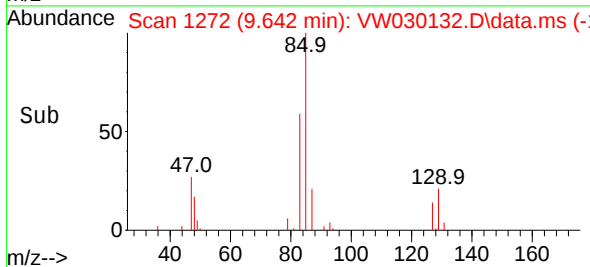
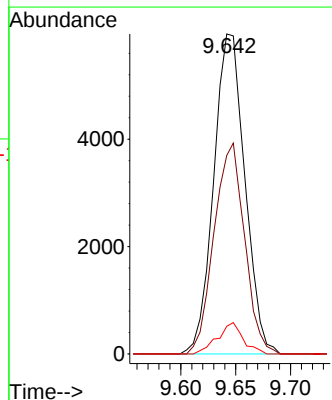
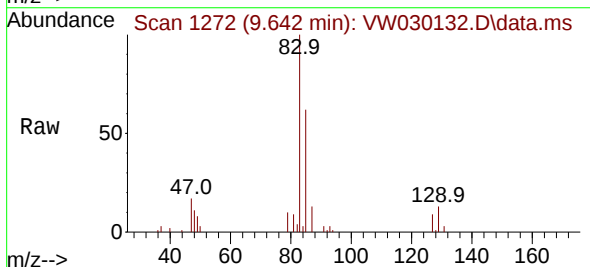
Tgt Ion: 83 Resp: 11789

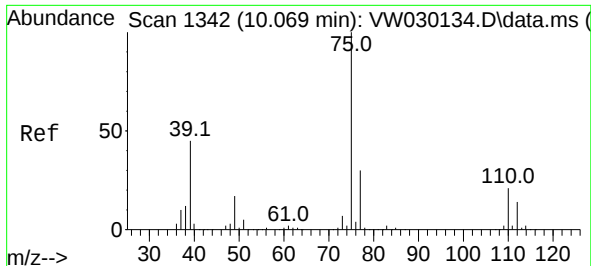
Ion Ratio Lower Upper

83 100

85 62.0 42.6 79.0

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 2.233 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

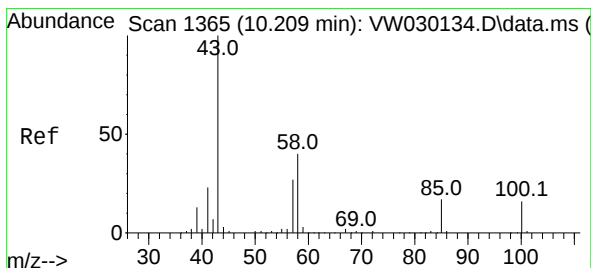
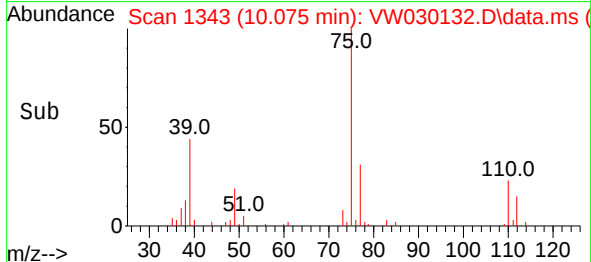
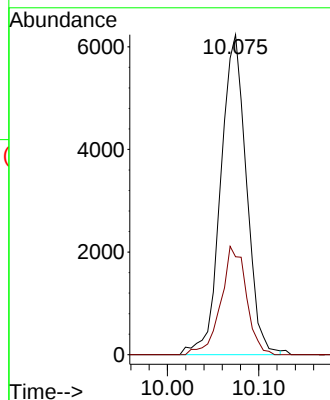
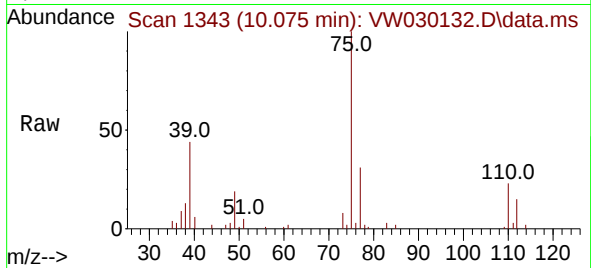
ClientSampleId :

Tgt Ion: 75 Resp: 12169

Ion Ratio Lower Upper

75 100

77 30.6 20.7 38.5



#40

4-Methyl-2-pentanone

Concen: 4.121 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

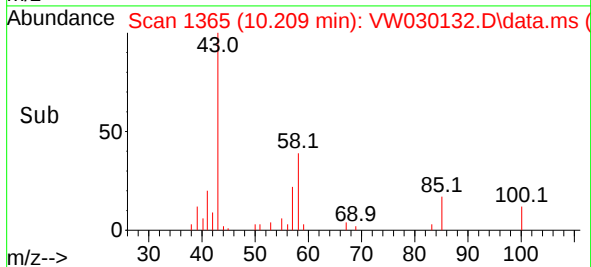
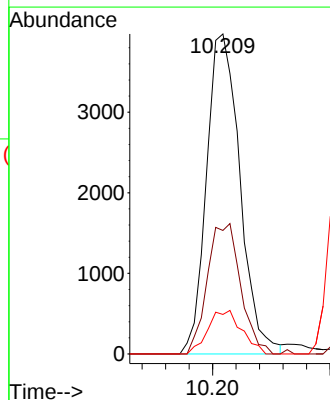
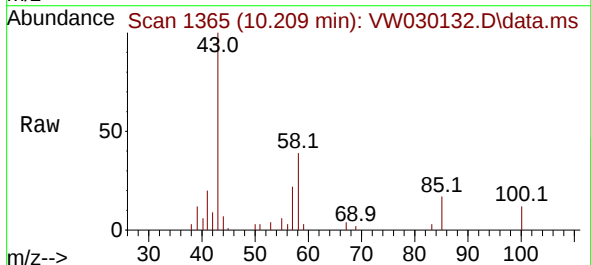
Tgt Ion: 43 Resp: 7846

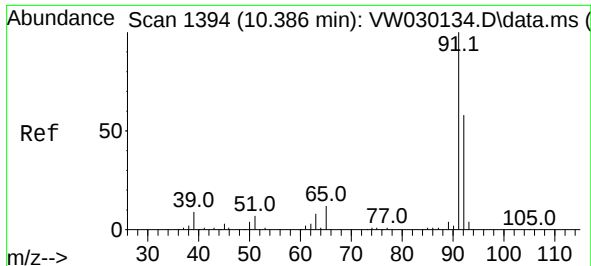
Ion Ratio Lower Upper

43 100

58 40.5 32.7 49.1

100 13.8 12.7 19.1

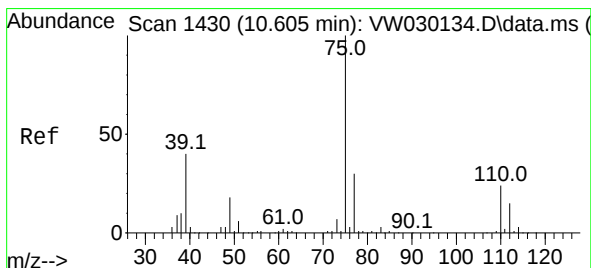
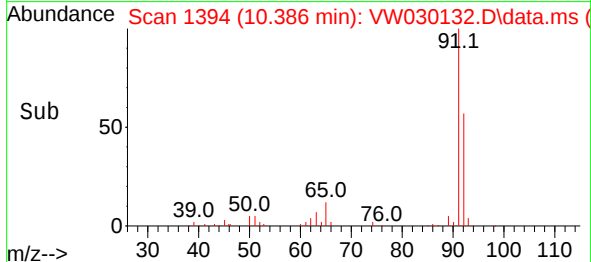
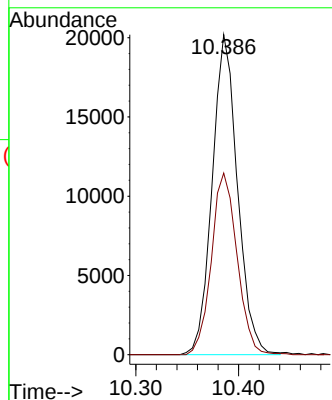
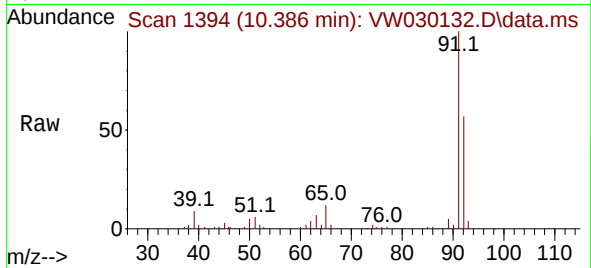




#42
Toluene
Concen: 2.363 ug/L
RT: 10.386 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

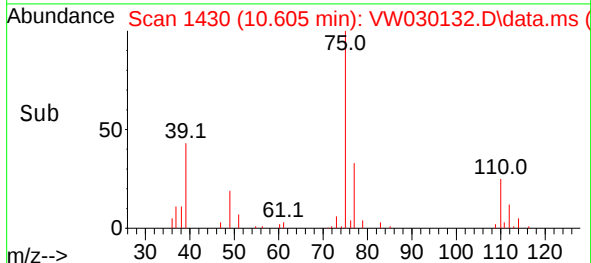
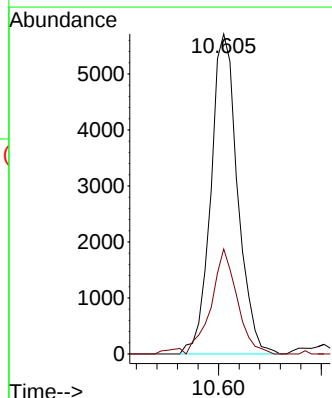
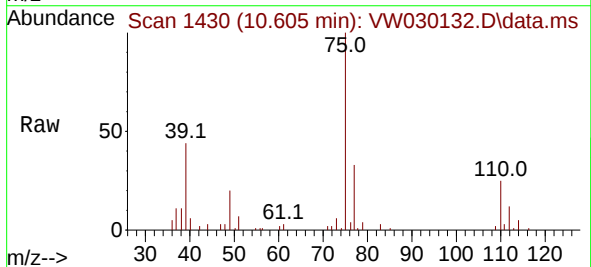
Instrument :
MSVOA_W
ClientSampleId :

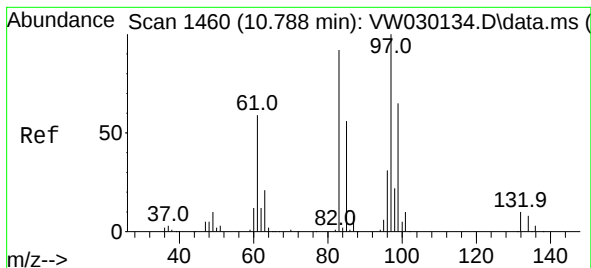
Tgt Ion: 91 Resp: 34464
Ion Ratio Lower Upper
91 100
92 56.8 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 2.252 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

Tgt Ion: 75 Resp: 10325
Ion Ratio Lower Upper
75 100
77 32.8 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 2.546 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

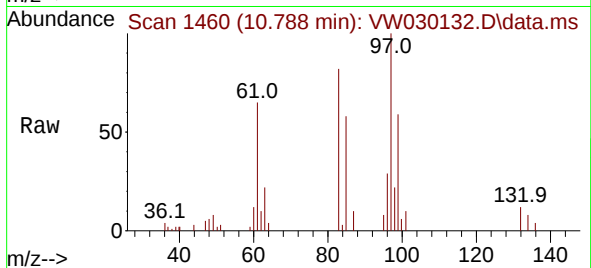
Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 6902

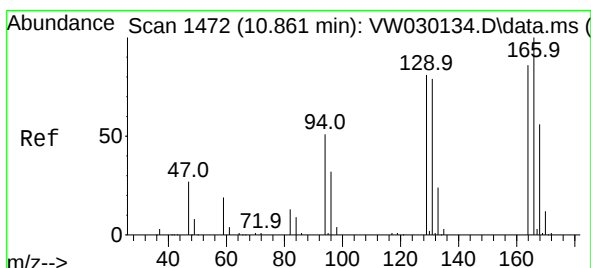
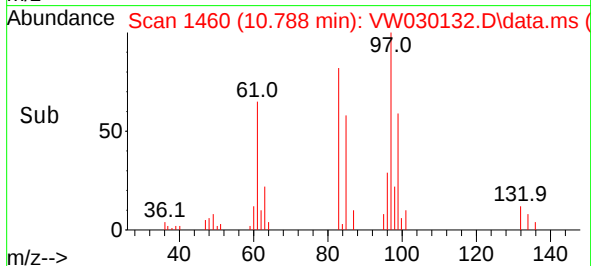
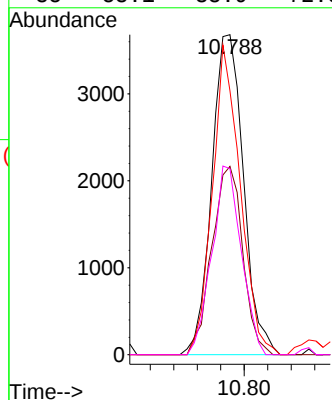
Ion Ratio Lower Upper

97 100

99 58.9 45.6 84.8

83 82.5 64.0 119.0

85 58.1 38.9 72.3



#46

Tetrachloroethene

Concen: 2.575 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Tgt Ion: 164 Resp: 7051

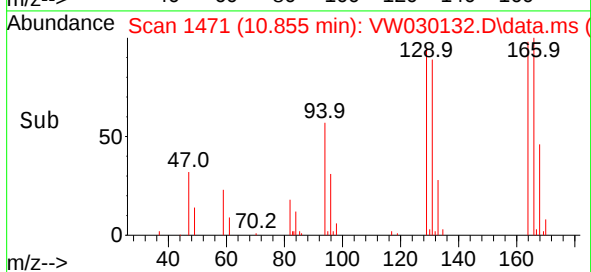
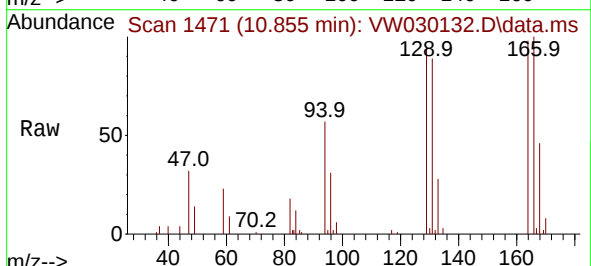
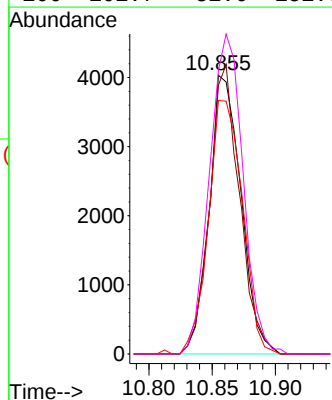
Ion Ratio Lower Upper

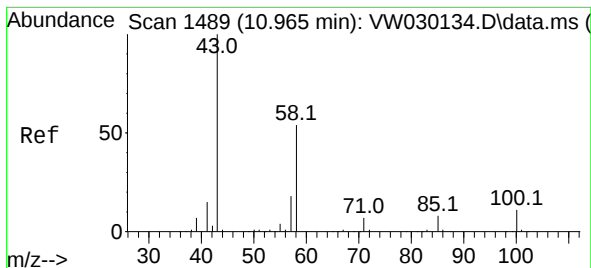
164 100

129 96.4 66.0 122.6

131 90.9 64.8 120.4

166 101.7 81.6 151.6





#48

2-Hexanone

Concen: 4.293 ug/L

RT: 10.971 min Scan# 1489

Delta R.T. 0.006 min

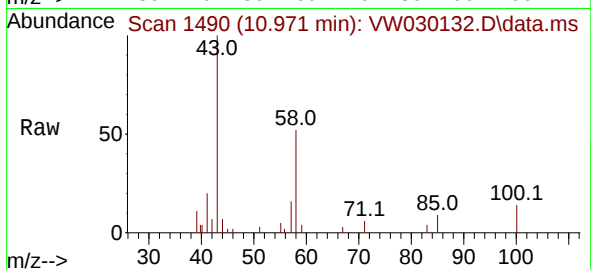
Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 6285

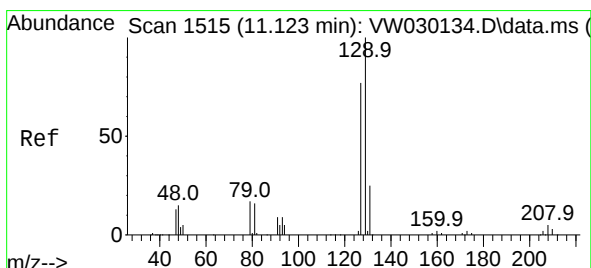
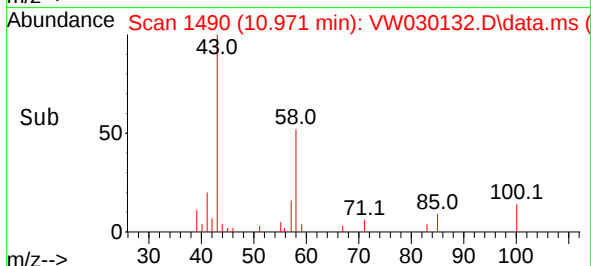
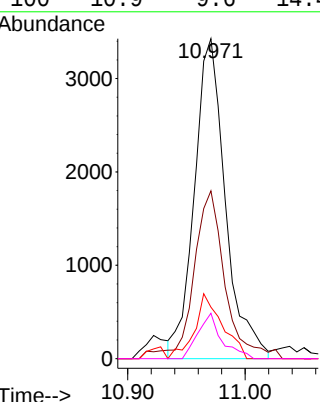
Ion Ratio Lower Upper

43 100

58 47.0 44.8 67.2

57 18.1 15.4 23.2

100 10.9 9.6 14.4



#49

Dibromochloromethane

Concen: 2.315 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW030132.D

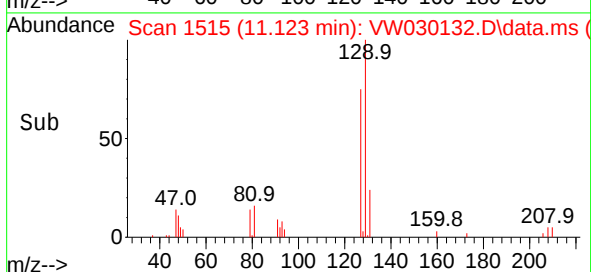
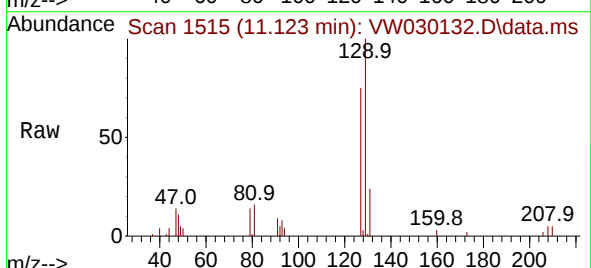
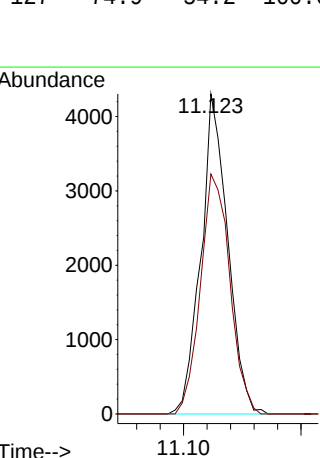
Acq: 16 Sep 2024 14:33

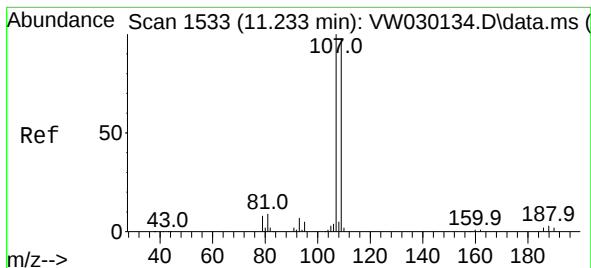
Tgt Ion: 129 Resp: 6830

Ion Ratio Lower Upper

129 100

127 74.9 54.2 100.6





#50

1,2-Dibromoethane

Concen: 2.494 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030132.D

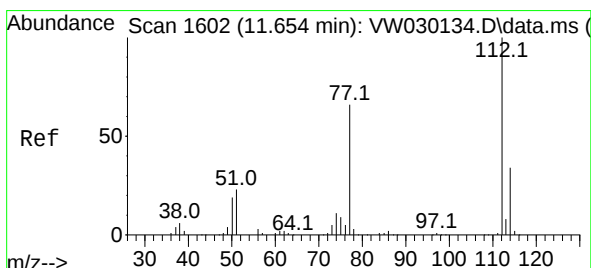
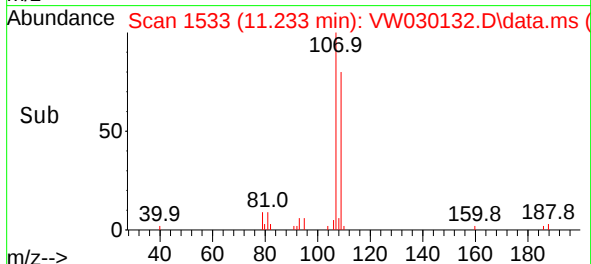
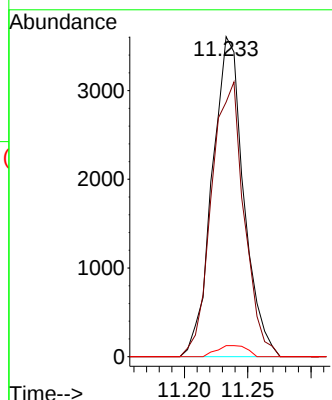
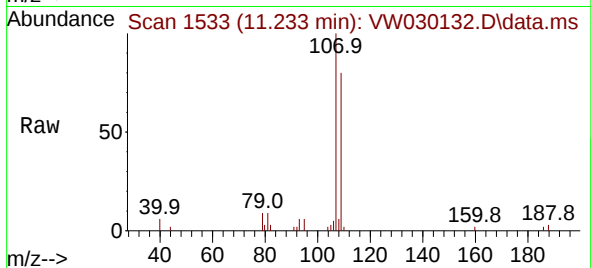
Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	6235
Ion	Ratio	Lower	Upper
107	100		
109	79.6	68.7	127.7
188	3.5	2.6	4.0



#51

Chlorobenzene

Concen: 2.562 ug/L

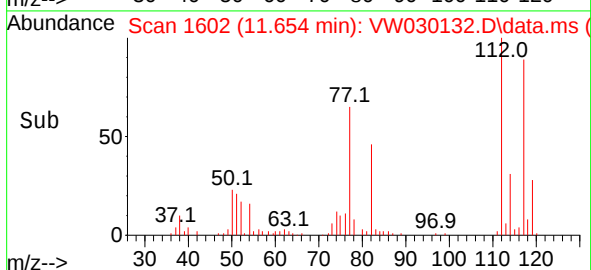
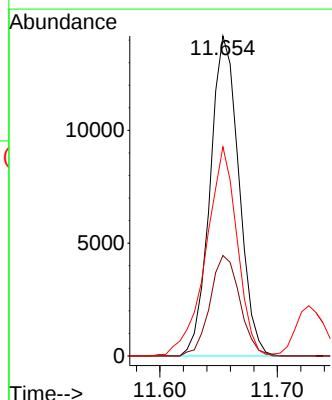
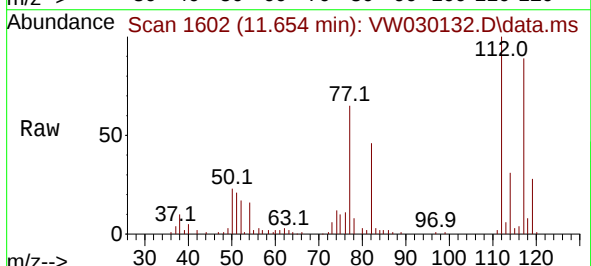
RT: 11.654 min Scan# 1602

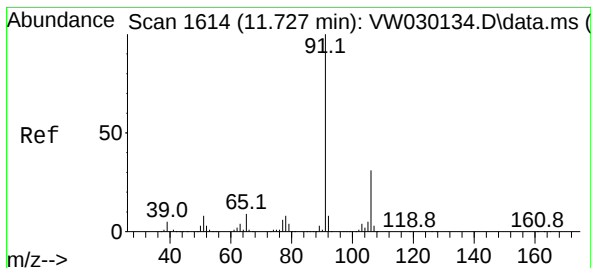
Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Tgt Ion:	112	Resp:	24139
Ion	Ratio	Lower	Upper
112	100		
114	31.4	23.8	44.2
77	65.3	52.9	79.3





#52

Ethylbenzene

Concen: 2.307 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

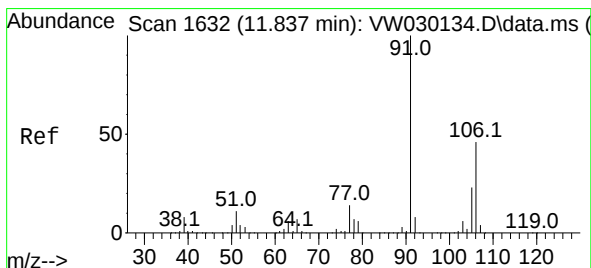
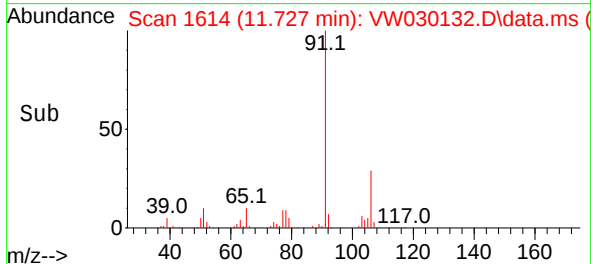
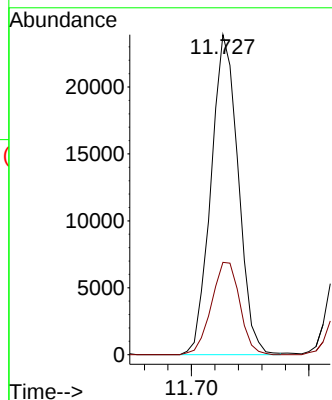
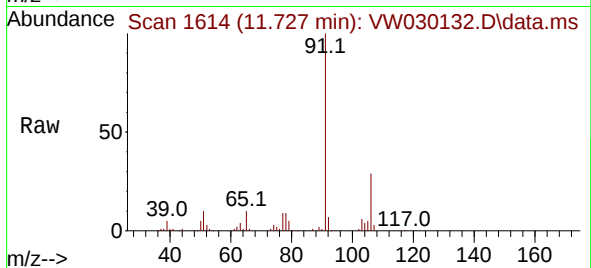
ClientSampleId :

Tgt Ion: 91 Resp: 38522

Ion Ratio Lower Upper

91 100

106 28.8 21.9 40.7



#53

m,p-Xylene

Concen: 2.254 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030132.D

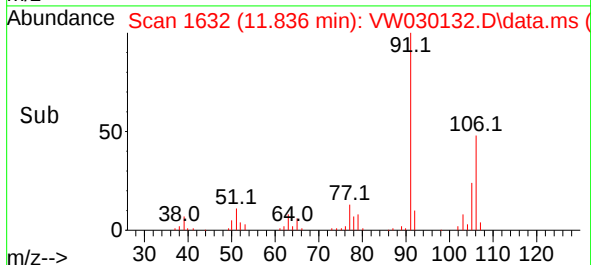
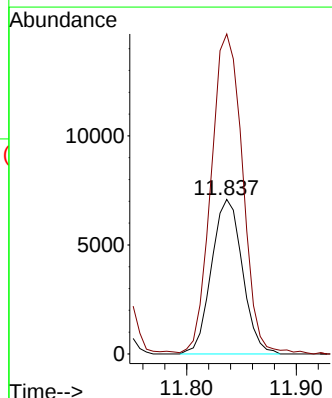
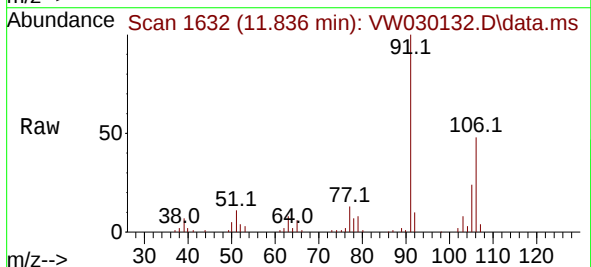
Acq: 16 Sep 2024 14:33

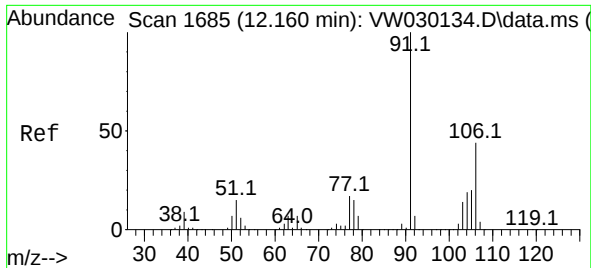
Tgt Ion:106 Resp: 13888

Ion Ratio Lower Upper

106 100

91 207.1 152.9 283.9





#54

o-Xylene

Concen: 2.237 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

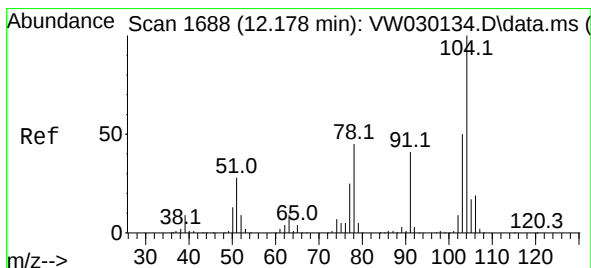
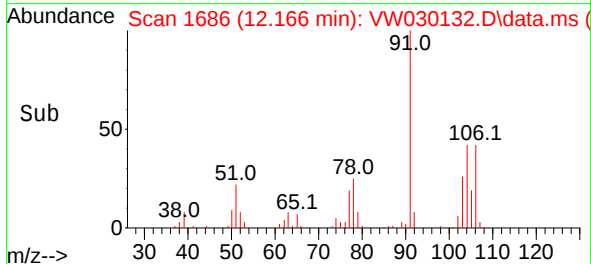
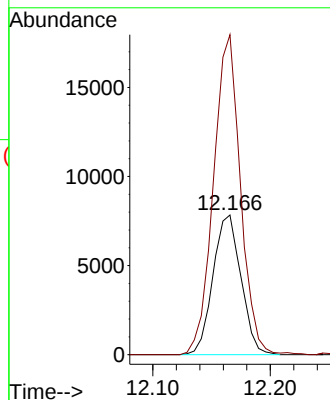
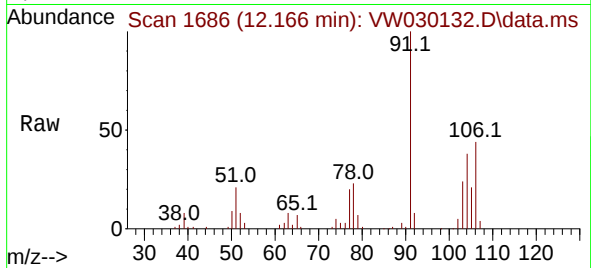
ClientSampleId :

Tgt Ion:106 Resp: 12967

Ion Ratio Lower Upper

106 100

91 229.1 158.1 293.7



#55

Styrene

Concen: 2.182 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030132.D

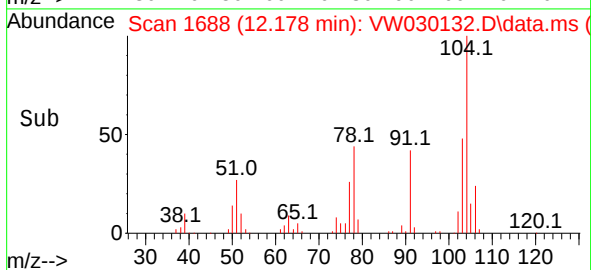
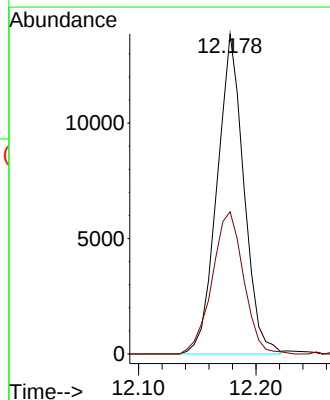
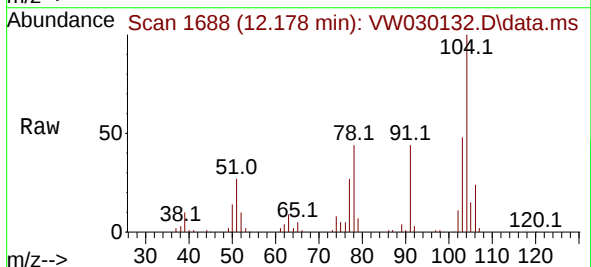
Acq: 16 Sep 2024 14:33

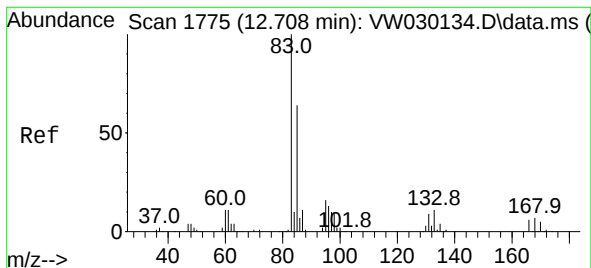
Tgt Ion:104 Resp: 21939

Ion Ratio Lower Upper

104 100

78 44.4 31.4 58.2

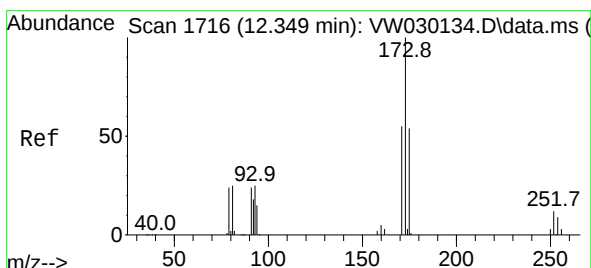
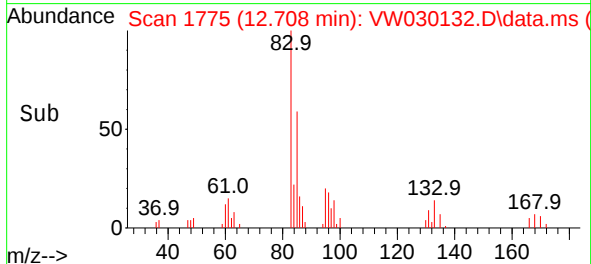
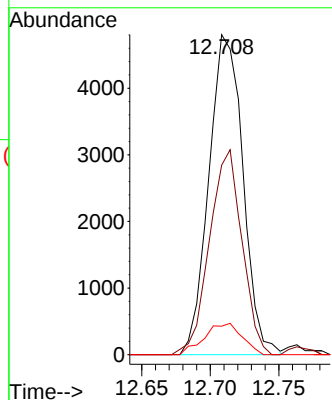
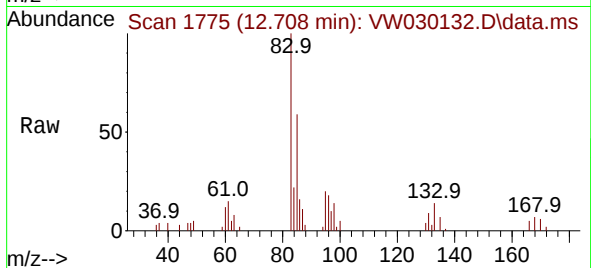




#57
1,1,2,2-Tetrachloroethane
Concen: 2.571 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

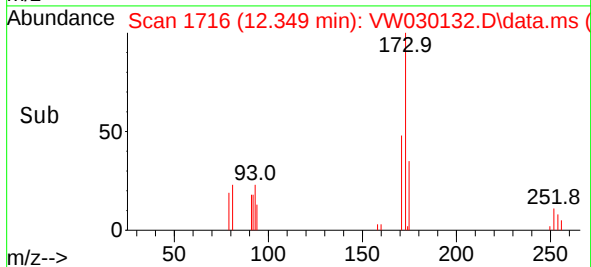
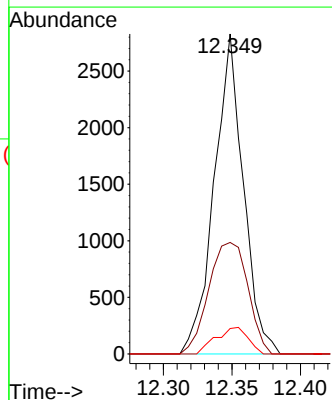
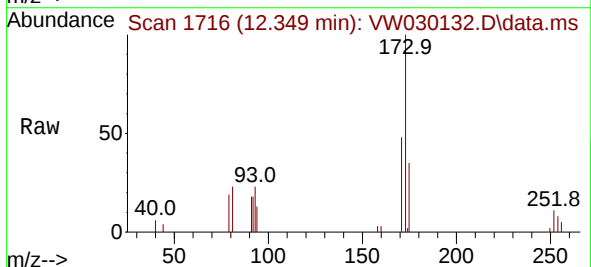
Instrument :
MSVOA_W
ClientSampleId :

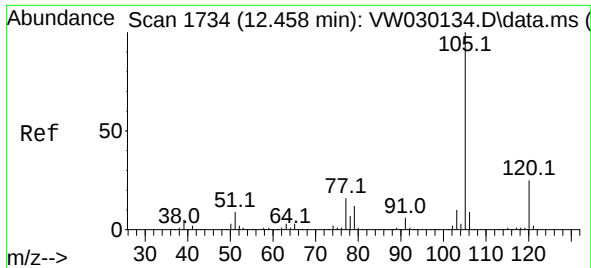
Tgt Ion:	83	Resp:	8319
Ion Ratio	Lower	Upper	
83	100		
85	59.2	44.5	82.7
131	8.9	7.4	11.2



#59
Bromoform
Concen: 2.404 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

Tgt Ion:	173	Resp:	4173
Ion Ratio	Lower	Upper	
173	100		
175	47.0	38.6	57.8
254	9.2	7.7	11.5

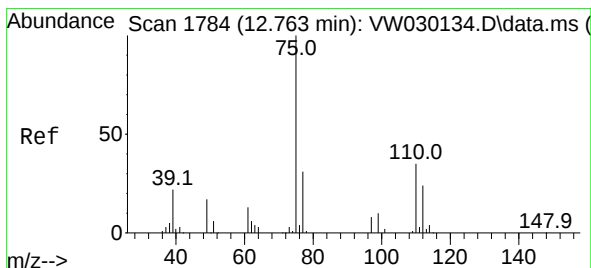
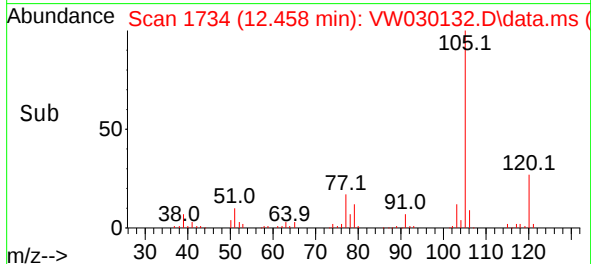
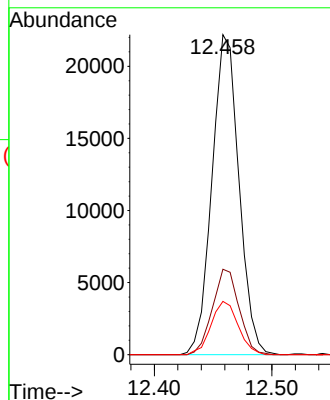
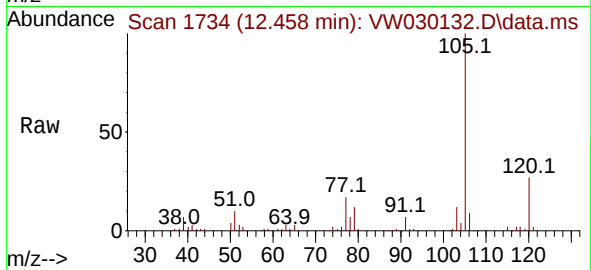




#60
Isopropylbenzene
Concen: 2.193 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

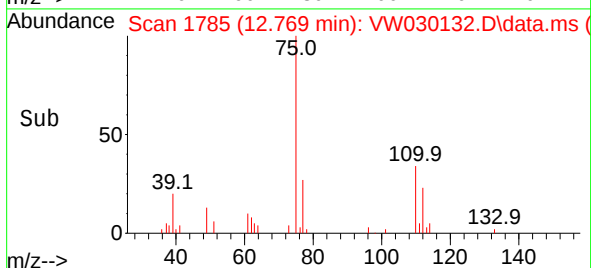
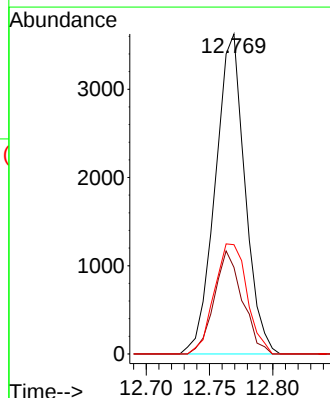
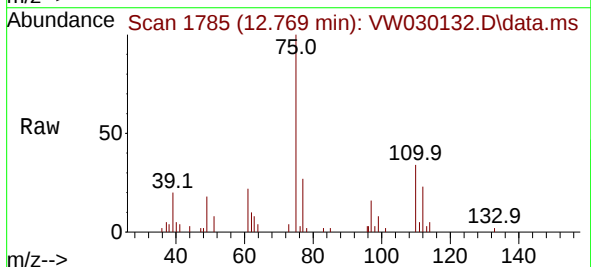
Instrument :
MSVOA_W
ClientSampleId :

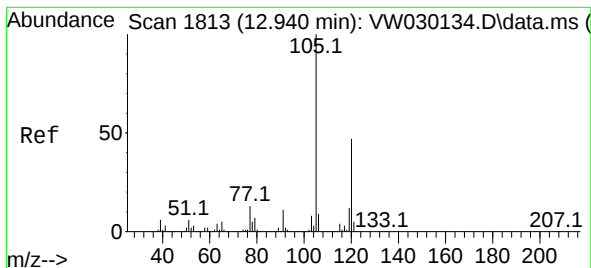
Tgt Ion:105 Resp: 35425
Ion Ratio Lower Upper
105 100
120 26.3 20.2 30.2
77 16.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 2.588 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

Tgt Ion: 75 Resp: 5906
Ion Ratio Lower Upper
75 100
77 30.7 26.2 39.2
110 37.8 29.7 44.5

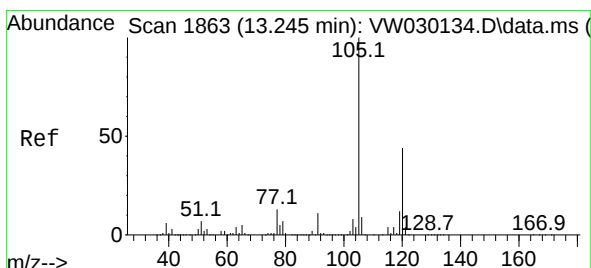
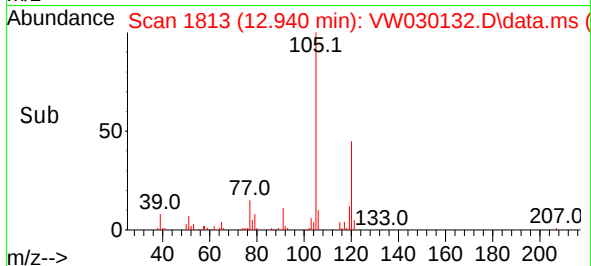
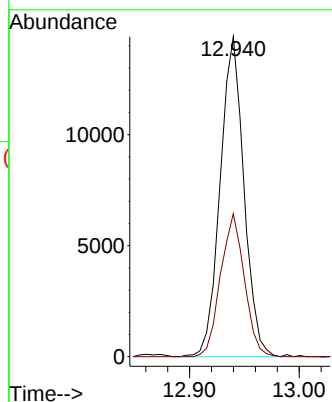
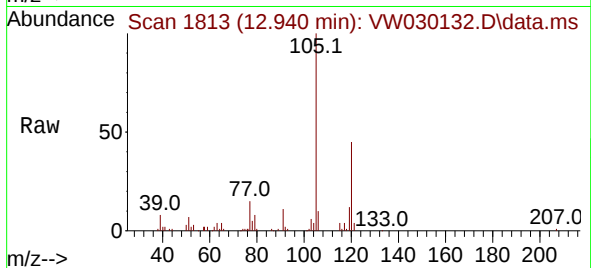




#62
1,3,5-Trimethylbenzene
Concen: 1.835 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

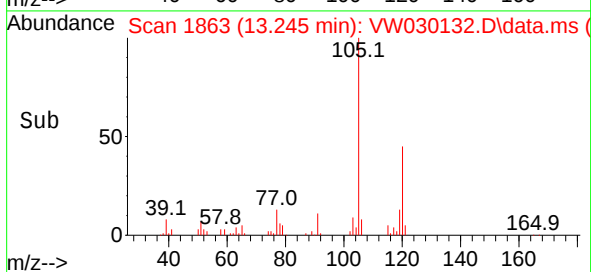
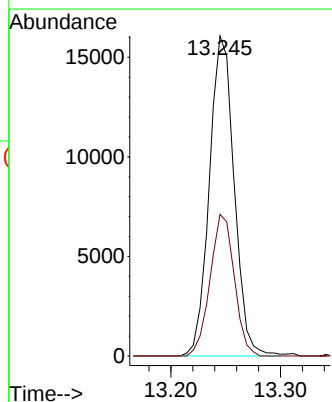
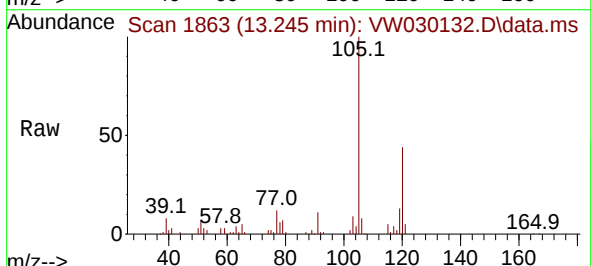
Instrument :
MSVOA_W
ClientSampleId :

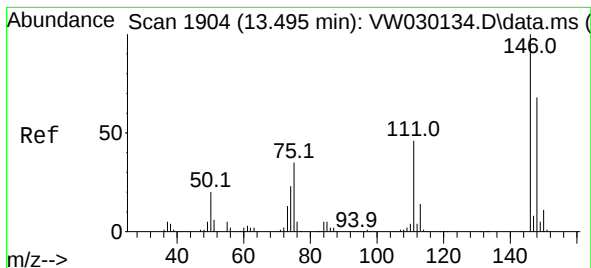
Tgt Ion:105 Resp: 21717
Ion Ratio Lower Upper
105 100
120 44.7 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 2.055 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

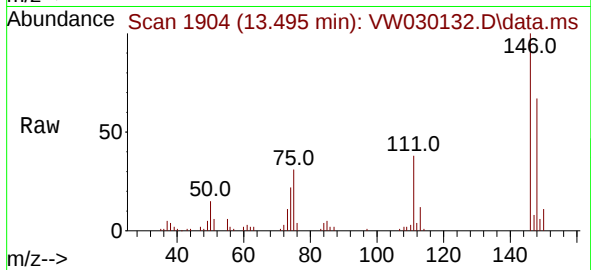
Tgt Ion:105 Resp: 25292
Ion Ratio Lower Upper
105 100
120 43.1 34.8 52.2



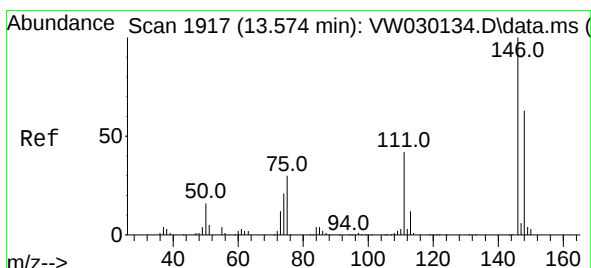
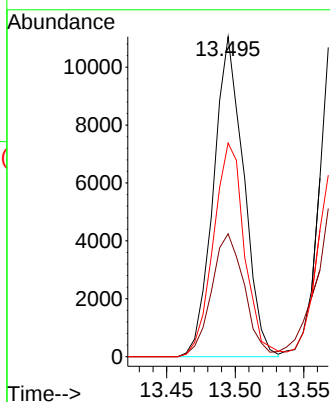
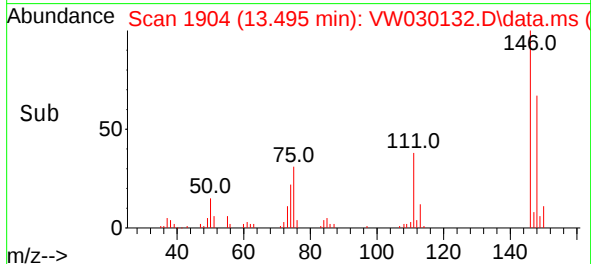


#64
1,3-Dichlorobenzene
Concen: 2.371 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33

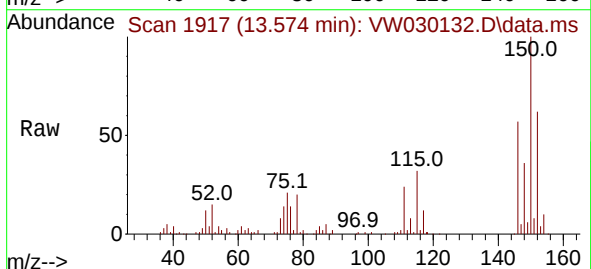
Instrument :
MSVOA_W
ClientSampleId :



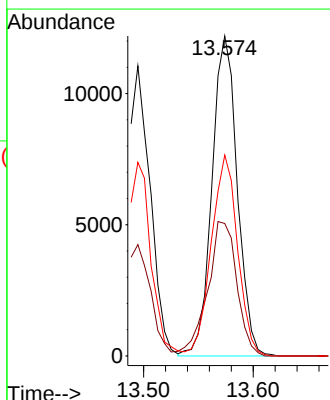
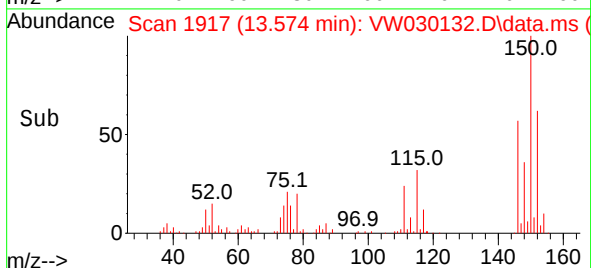
Tgt Ion:146 Resp: 16975
Ion Ratio Lower Upper
146 100
111 38.4 31.9 59.3
148 66.7 47.7 88.5

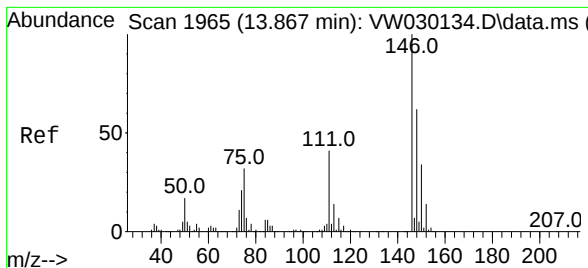


#65
1,4-Dichlorobenzene
Concen: 2.646 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030132.D
Acq: 16 Sep 2024 14:33



Tgt Ion:146 Resp: 19567
Ion Ratio Lower Upper
146 100
111 41.4 29.5 54.7
148 62.8 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 2.524 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

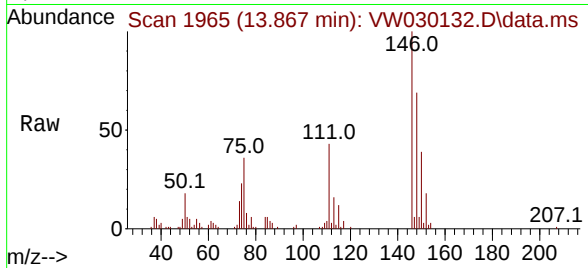
Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :



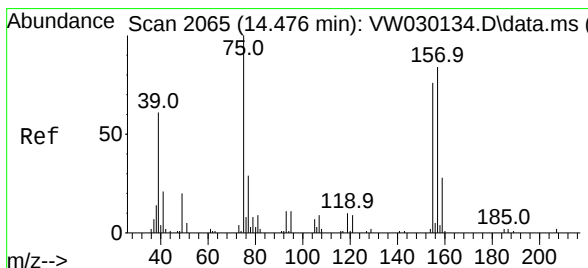
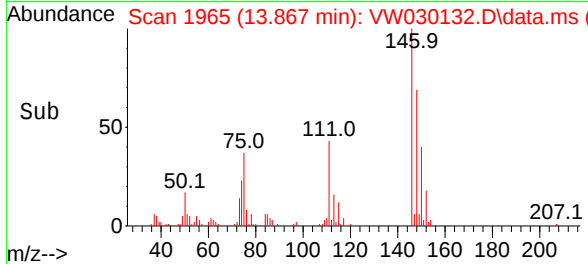
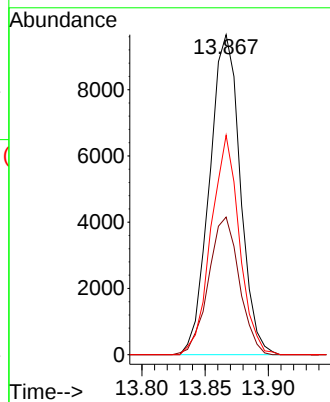
Tgt Ion:146 Resp: 16282

Ion Ratio Lower Upper

146 100

111 43.0 32.7 49.1

148 68.5 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 2.371 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

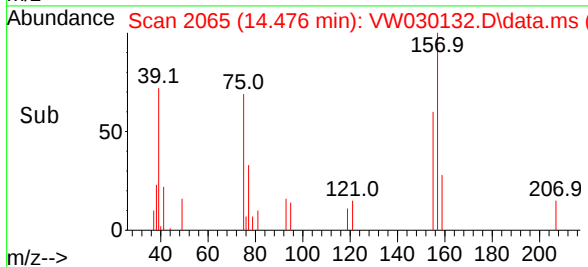
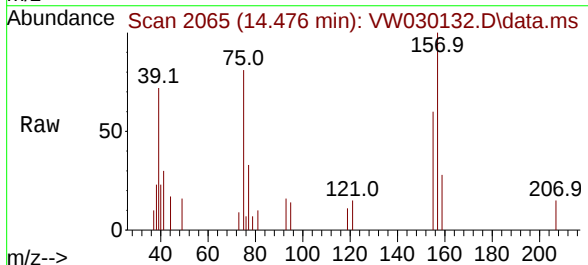
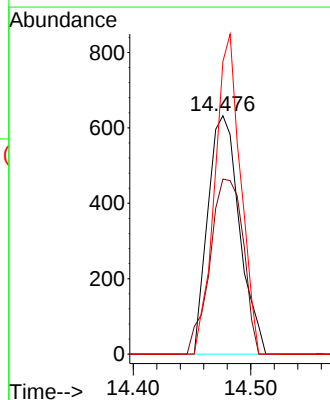
Tgt Ion: 75 Resp: 1180

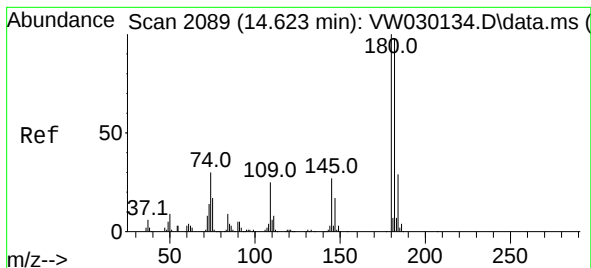
Ion Ratio Lower Upper

75 100

155 73.4 60.5 90.7

157 122.8 66.9 100.3#





#69

1,3,5-Trichlorobenzene

Concen: 2.584 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

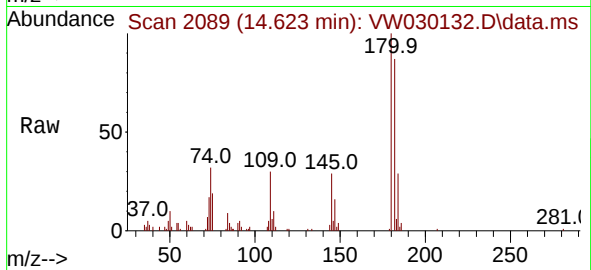
Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 12912

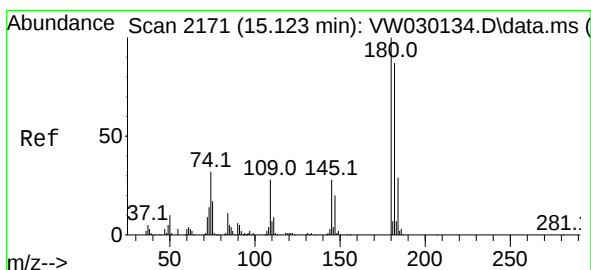
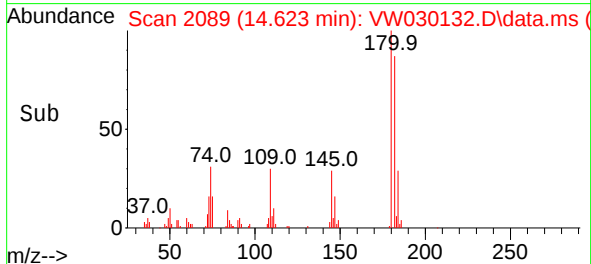
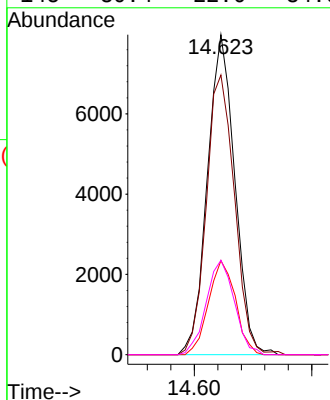
Ion Ratio Lower Upper

180 100

182 89.4 75.5 113.3

184 28.9 23.4 35.0

145 30.4 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 2.420 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030132.D

Acq: 16 Sep 2024 14:33

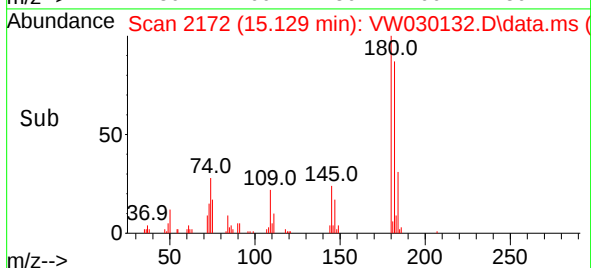
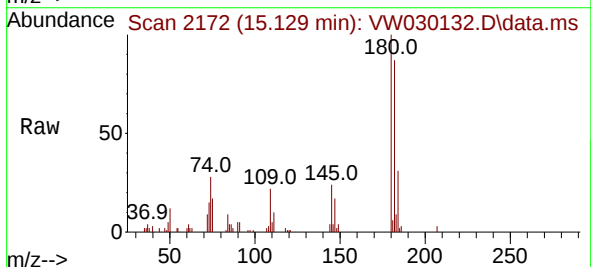
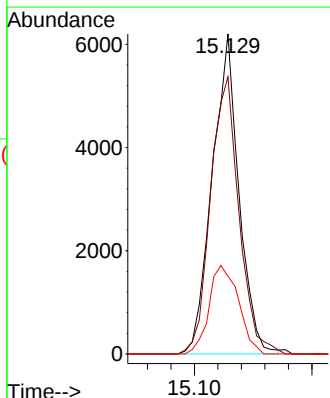
Tgt Ion:180 Resp: 9793

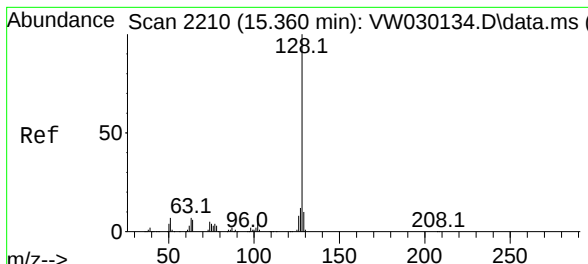
Ion Ratio Lower Upper

180 100

182 92.3 73.4 110.2

145 30.5 24.0 36.0

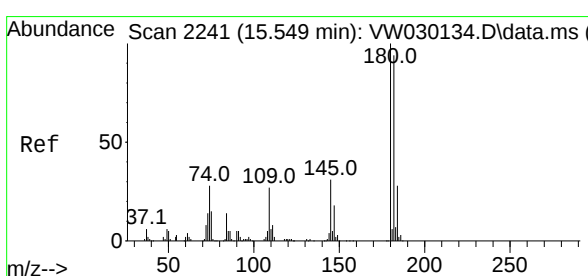
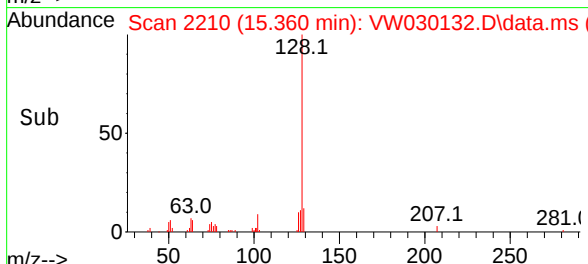
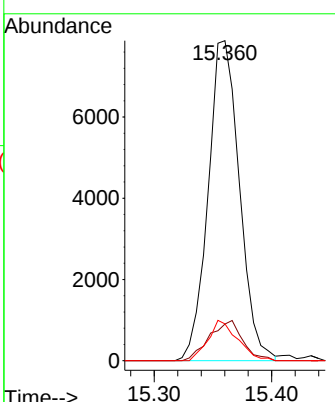
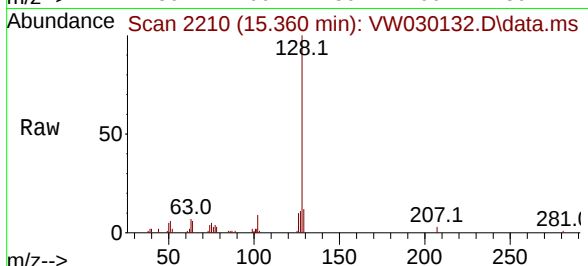




#71
 Naphthalene
 Concen: 1.990 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VW030132.D
 Acq: 16 Sep 2024 14:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	14624
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.1	15.1
129	11.9	8.4	12.6



#72
 1,2,3-Trichlorobenzene
 Concen: 2.411 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: VW030132.D
 Acq: 16 Sep 2024 14:33

Tgt Ion:	180	Resp:	8558
Ion Ratio	Lower	Upper	
180	100		
182	97.3	76.4	114.6
145	31.7	26.2	39.4

