

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031121.D
 Acq On : 04 Dec 2024 09:27
 Operator : SY/MD
 Sample : VSTD00539
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 05 01:10:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:09:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	431521	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	390547	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	191764	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	34765	5.832	ug/L	0.00
7) Chloroethane-d5	2.899	69	25852	5.441	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	15005	5.569	ug/L	0.00
21) 2-Butanone-d5	7.081	46	9453	9.011	ug/L	0.00
24) Chloroform-d	7.648	84	61058	5.104	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	28934	4.973	ug/L	0.00
32) Benzene-d6	8.276	84	115162	4.930	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	31504	4.641	ug/L	0.00
41) Toluene-d8	10.325	98	99430	4.698	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	12503	4.407	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6556	7.789	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	21322	4.544	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	30197	4.598	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	54295	9.597	ug/L	100
3) Chloromethane	2.222	50	63511	9.832	ug/L	98
5) Vinyl chloride	2.375	62	79123	10.350	ug/L	99
6) Bromomethane	2.795	94	49794	10.377	ug/L	97
8) Chloroethane	2.936	64	46036	10.188	ug/L	98
9) Trichlorofluoromethane	3.271	101	79845	9.676	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	61666	10.416	ug/L #	71
12) 1,1-Dichloroethene	4.039	96	57579	9.597	ug/L	98
13) Acetone	4.124	43	23775	12.210	ug/L	97
14) Carbon disulfide	4.387	76	199927	9.960	ug/L	97
15) Methyl Acetate	4.673	43	19498	9.255	ug/L	97
16) Methylene chloride	4.923	84	61640	10.256	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	62240	9.939	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	83947	9.327	ug/L	97
19) 1,1-Dichloroethane	6.222	63	116555	10.124	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	65446	9.843	ug/L	94
22) 2-Butanone	7.295	43	169	0.088	ug/L	96
23) Bromochloromethane	7.514	128	28486	10.108	ug/L	91
25) Chloroform	7.679	83	122854	10.296	ug/L	100
27) 1,2-Dichloroethane	8.398	62	75797	10.298	ug/L	98
29) Cyclohexane	7.959	56	92429	8.759	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	101977	9.716	ug/L	96
31) Carbon tetrachloride	8.069	117	90877	9.572	ug/L	98
33) Benzene	8.325	78	259758	9.770	ug/L	100
34) Trichloroethene	9.093	95	71155	9.936	ug/L	95
35) Methylcyclohexane	9.337	83	107717	8.666	ug/L	96
37) 1,2-Dichloropropane	9.367	63	64100	9.795	ug/L	98
38) Bromodichloromethane	9.648	83	82167	9.583	ug/L	91
39) cis-1,3-Dichloropropene	10.069	75	89479	8.948	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	50610	16.825	ug/L	96
42) Toluene	10.386	91	272601	9.493	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	74212	9.021	ug/L	99

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

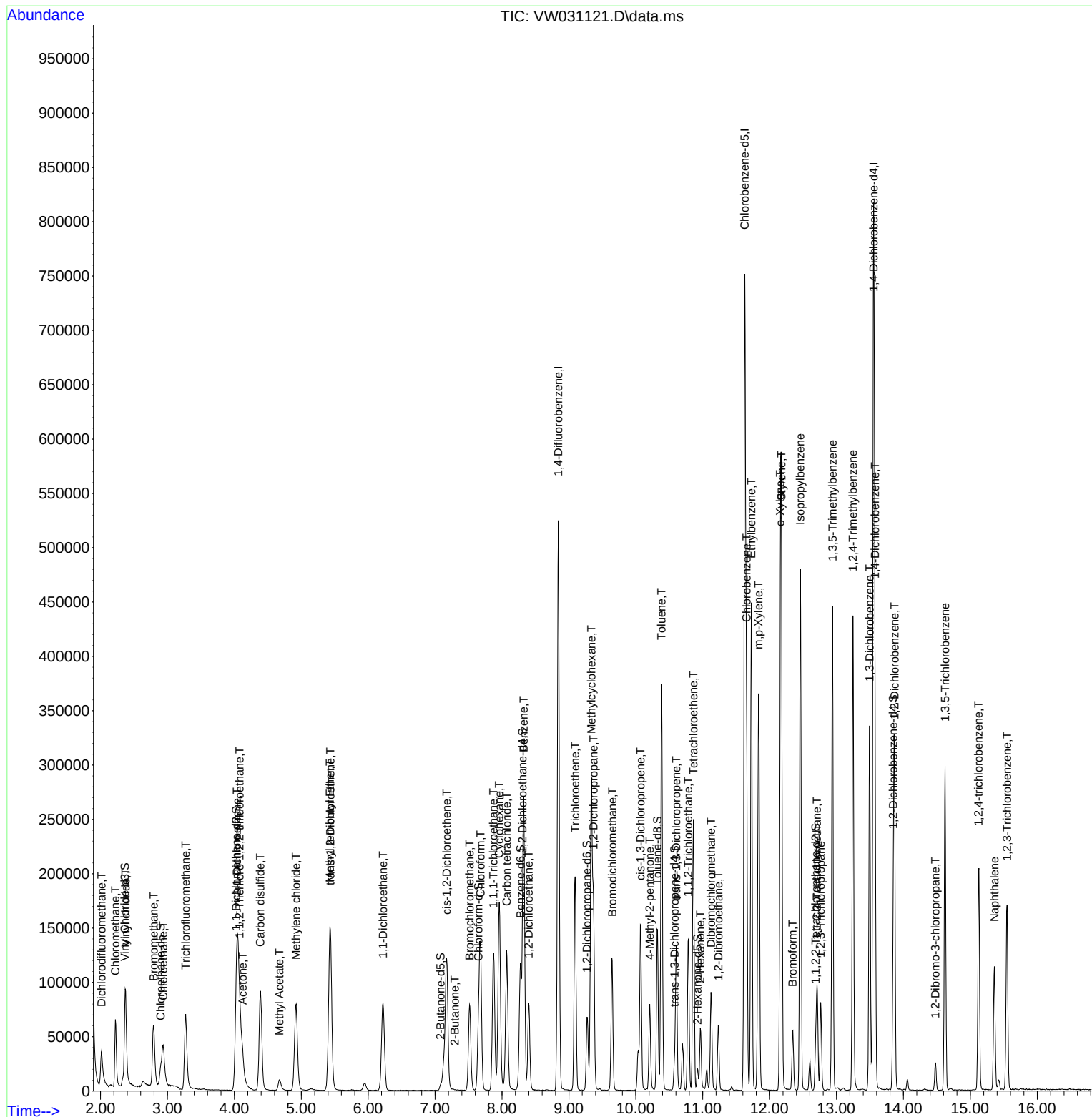
45) 1,1,2-Trichloroethane	10.782	97	43512	9.654	ug/L	98
46) Tetrachloroethene	10.861	164	52529	9.660	ug/L	87
48) 2-Hexanone	10.965	43	36368	13.337	ug/L #	91
49) Dibromochloromethane	11.123	129	47295	9.313	ug/L	89
50) 1,2-Dibromoethane	11.233	107	39704	9.727	ug/L	92
51) Chlorobenzene	11.654	112	173529	9.899	ug/L	95
52) Ethylbenzene	11.727	91	300750	9.168	ug/L	98
53) m,p-Xylene	11.836	106	115656	9.525	ug/L	96
54) o-Xylene	12.160	106	106724	9.368	ug/L	100
55) Styrene	12.178	104	180542	9.405	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	45823	9.438	ug/L	92
59) Bromoform	12.342	173	25003	9.191	ug/L	96
60) Isopropylbenzene	12.458	105	296825	9.214	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	33565	9.552	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	229633	9.006	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	231250	8.967	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	131496	9.632	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	125416	9.209	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	110138	9.148	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	6830	9.033	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	85763	9.234	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	63009	8.673	ug/L	99
71) Naphthalene	15.360	128	95704	7.959	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	54432	8.927	ug/L	96

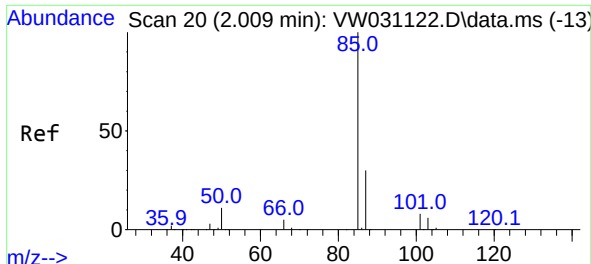
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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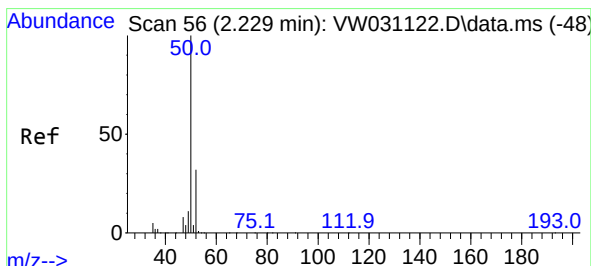
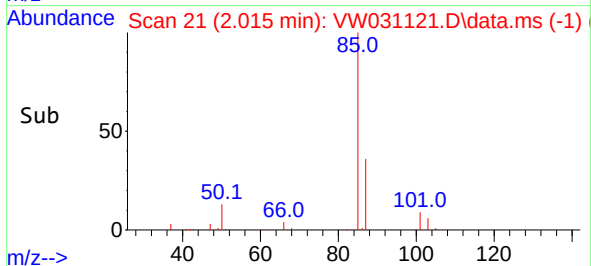
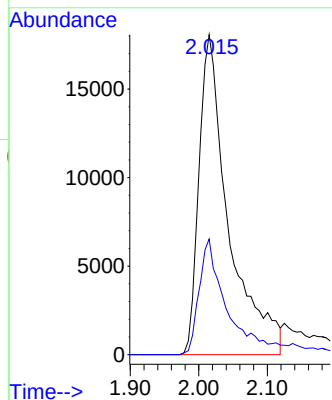
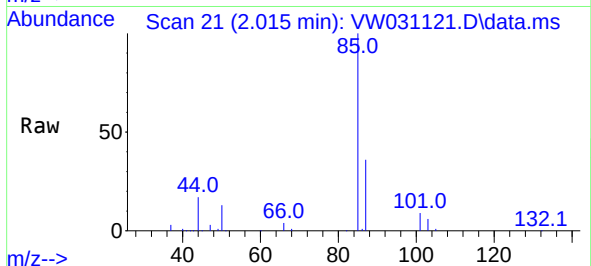




#2
Dichlorodifluoromethane
Concen: 9.597 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

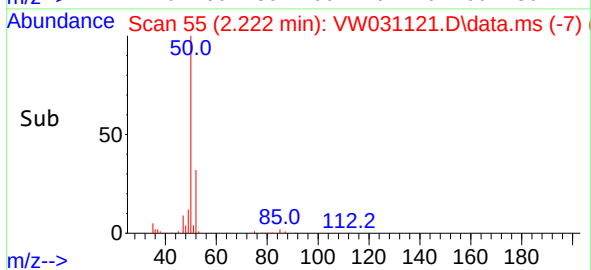
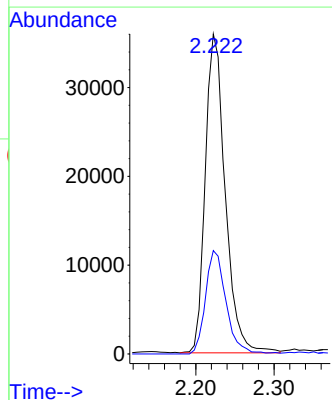
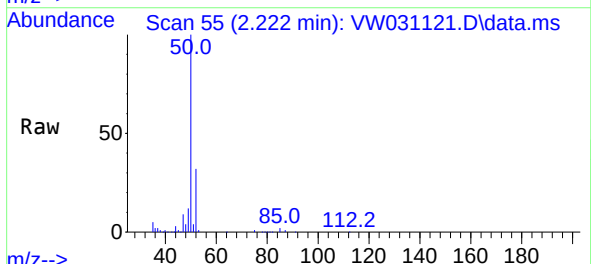
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MSVOA_W
ClientSampleId :

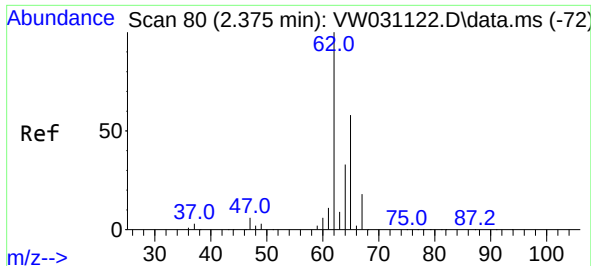
Tgt Ion: 85 Resp: 54295
Ion Ratio Lower Upper
85 100
87 29.7 23.8 35.6



#3
Chloromethane
Concen: 9.832 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion: 50 Resp: 63511
Ion Ratio Lower Upper
50 100
52 32.3 23.4 43.6

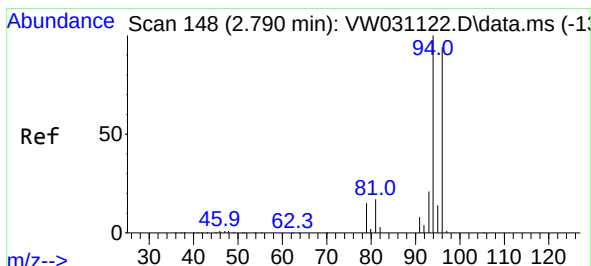
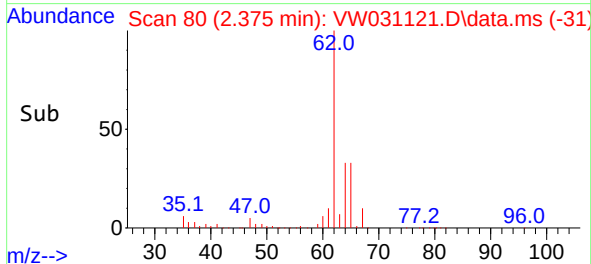
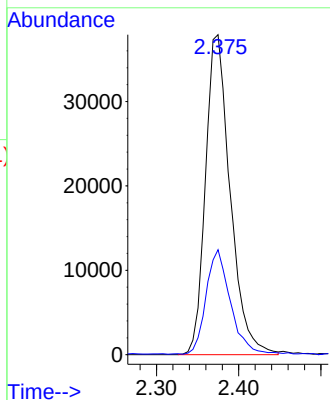
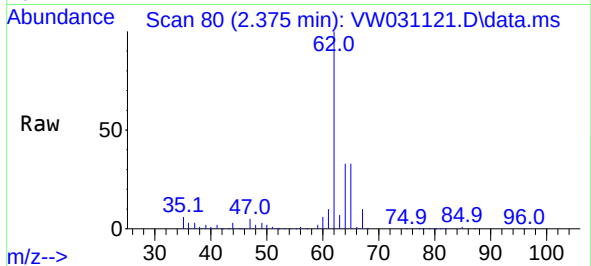




#5
Vinyl chloride
Concen: 10.350 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

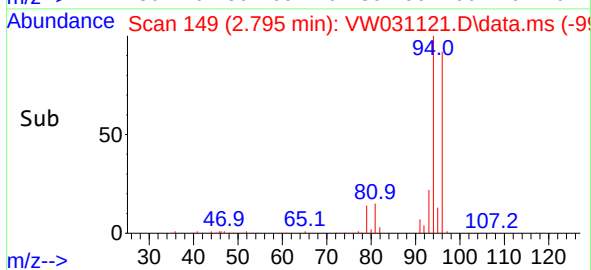
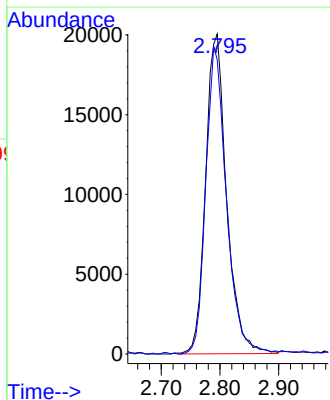
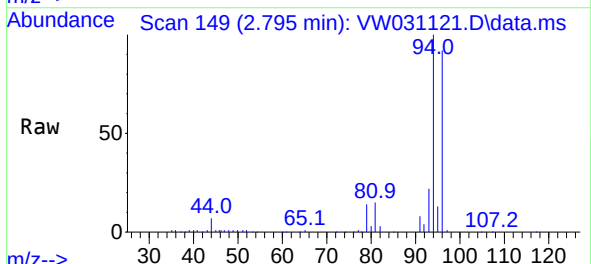
Instrument :
MSVOA_W
ClientSampleId :

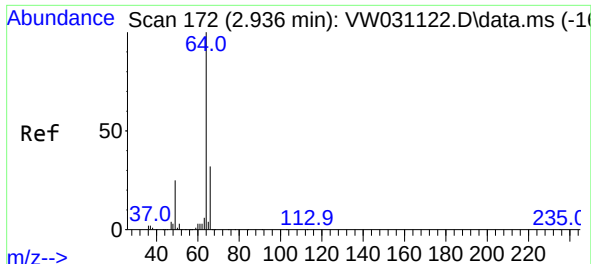
Tgt Ion: 62 Resp: 79123
Ion Ratio Lower Upper
62 100
64 32.8 22.7 42.1



#6
Bromomethane
Concen: 10.377 ug/L
RT: 2.795 min Scan# 149
Delta R.T. 0.006 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion: 94 Resp: 49794
Ion Ratio Lower Upper
94 100
96 91.9 62.6 116.3

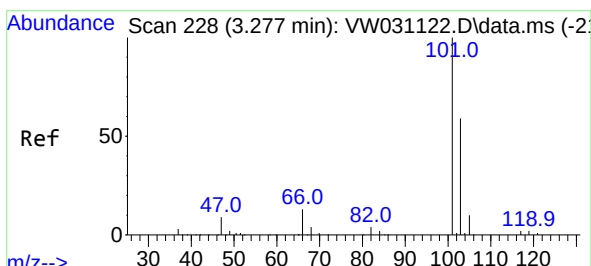
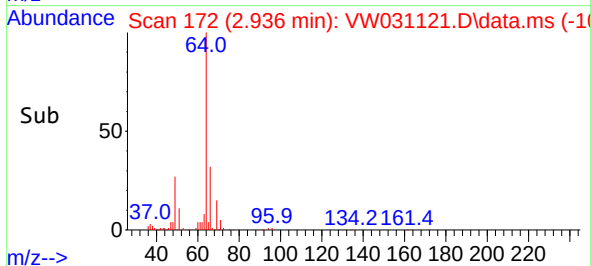
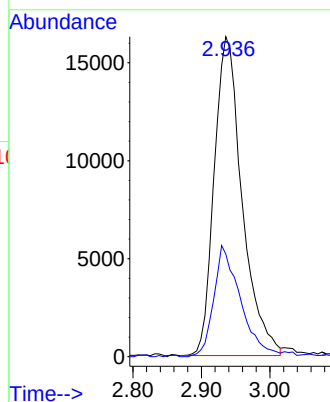
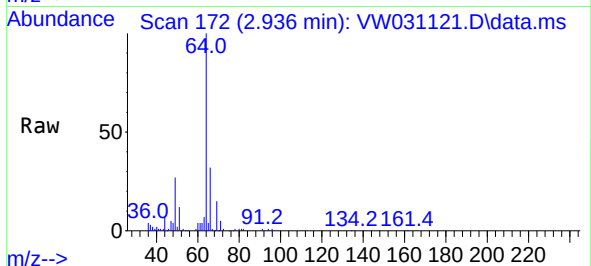




#8
Chloroethane
Concen: 10.188 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

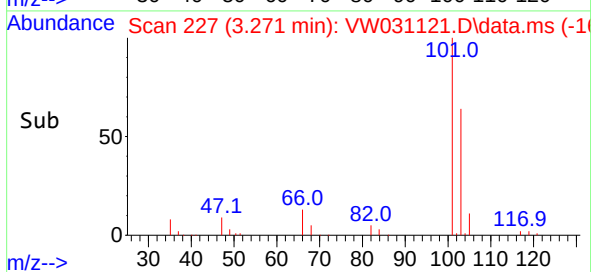
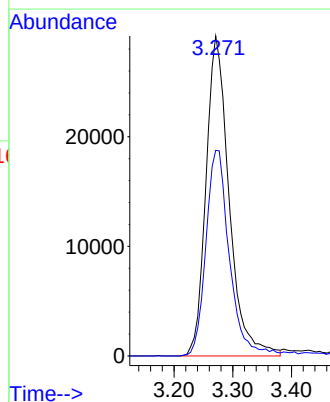
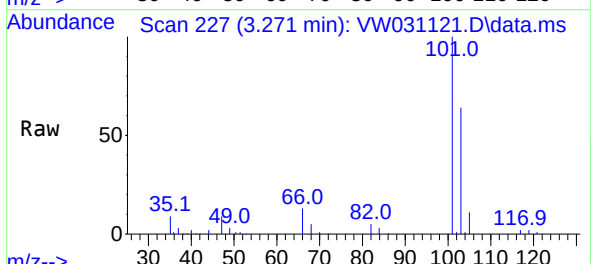
Instrument :
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ClientSampleId :

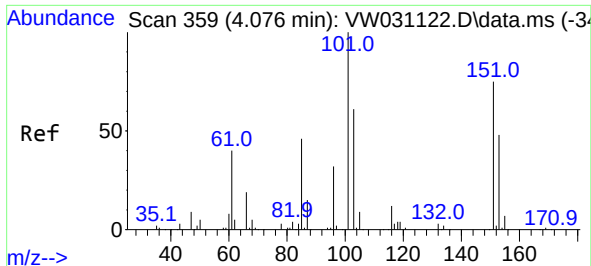
Tgt Ion: 64 Resp: 46036
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 9.676 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion:101 Resp: 79845
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1

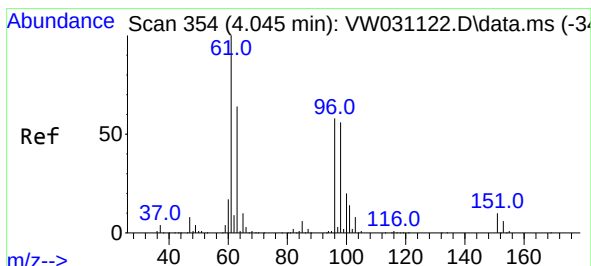
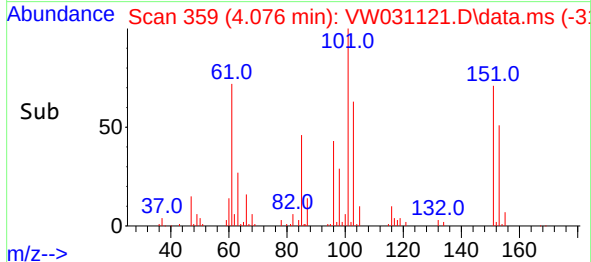
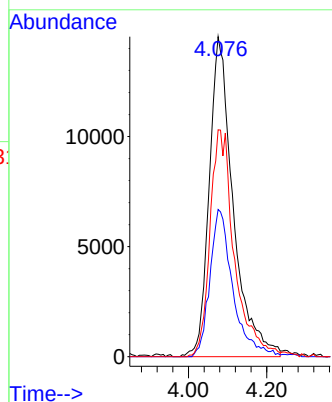
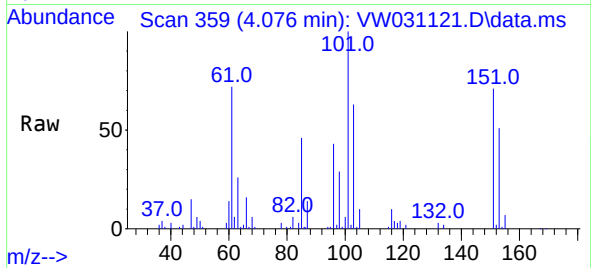




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.416 ug/L
RT: 4.076 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

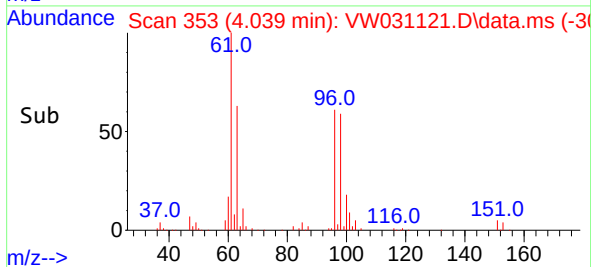
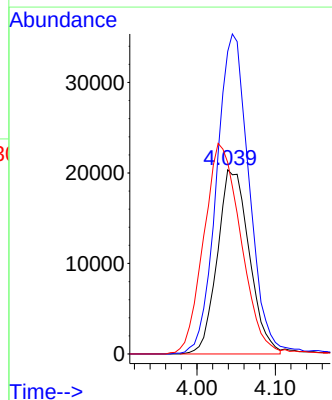
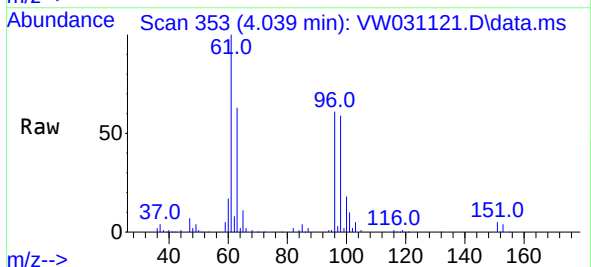
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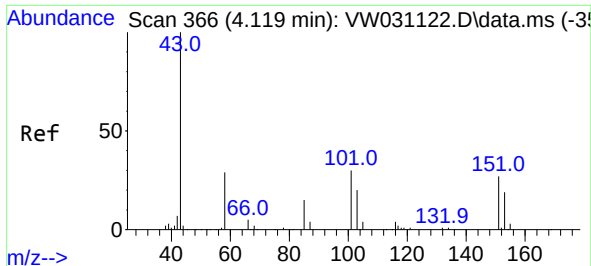
Tgt Ion:101 Resp: 61666
Ion Ratio Lower Upper
101 100
85 43.7 33.9 50.9
151 38.9 61.8 92.6#



#12
1,1-Dichloroethene
Concen: 9.597 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion: 96 Resp: 57579
Ion Ratio Lower Upper
96 100
61 164.3 113.5 210.9
63 104.0 73.8 137.2

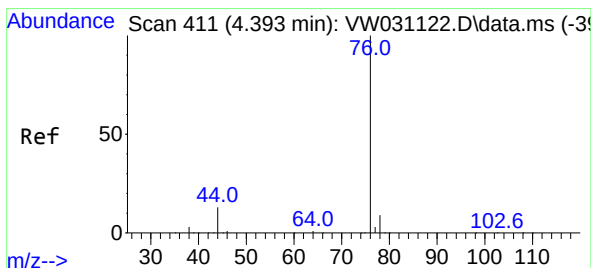
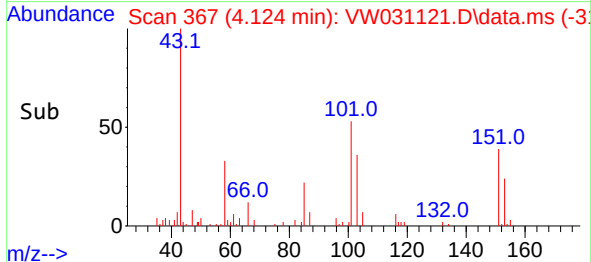
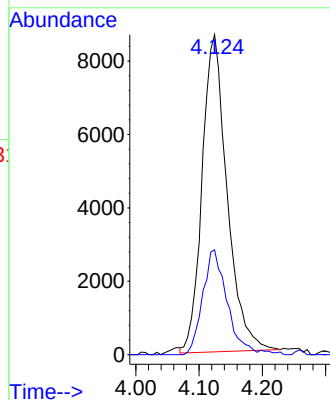
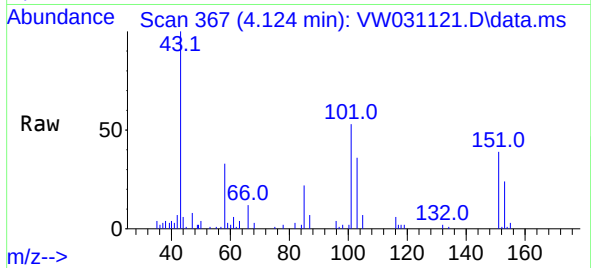




#13
Acetone
Concen: 12.210 ug/L
RT: 4.124 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

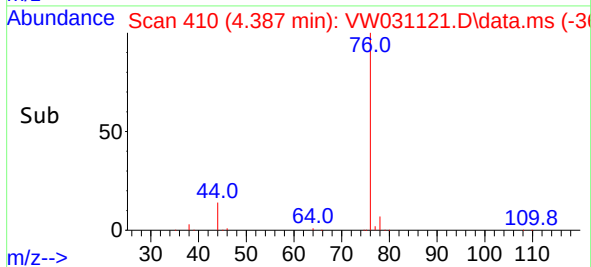
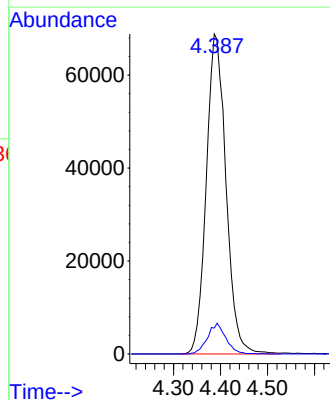
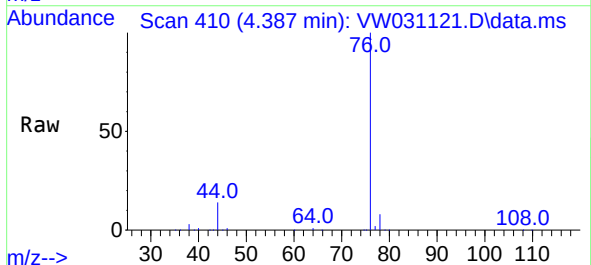
Instrument :
MSVOA_W
ClientSampleId :

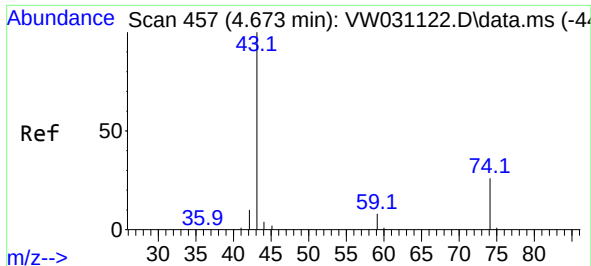
Tgt Ion: 43 Resp: 23775
Ion Ratio Lower Upper
43 100
58 32.0 0.0 67.2



#14
Carbon disulfide
Concen: 9.960 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion: 76 Resp: 199927
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2





#15

Methyl Acetate

Concen: 9.255 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Instrument :

MSVOA_W

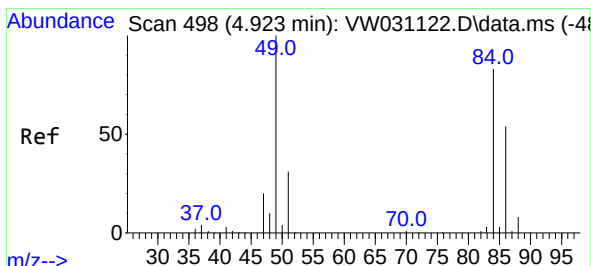
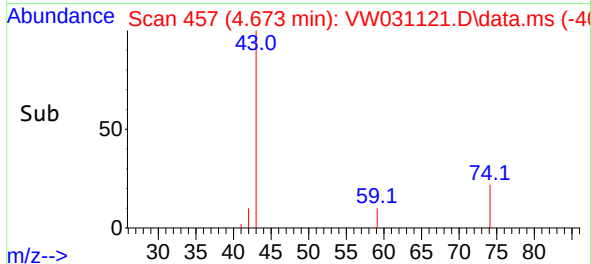
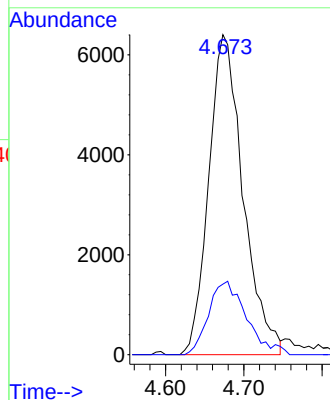
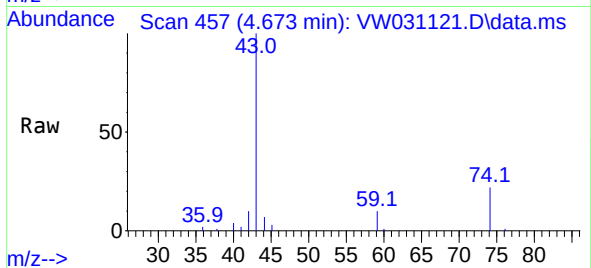
ClientSampleId :

Tgt Ion: 43 Resp: 19498

Ion Ratio Lower Upper

43 100

74 24.4 20.8 31.2



#16

Methylene chloride

Concen: 10.256 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

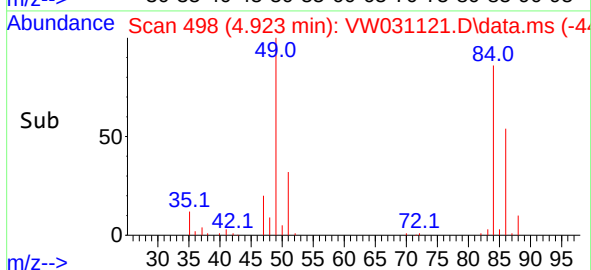
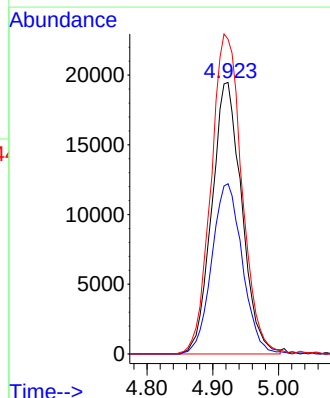
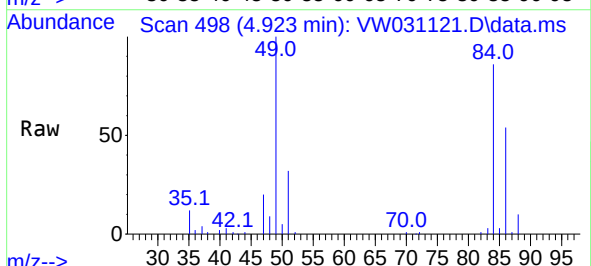
Tgt Ion: 84 Resp: 61640

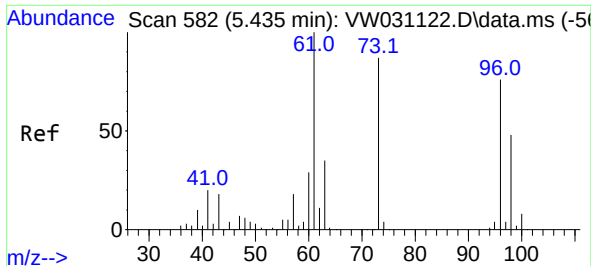
Ion Ratio Lower Upper

84 100

86 62.7 44.9 83.5

49 115.9 79.9 148.5

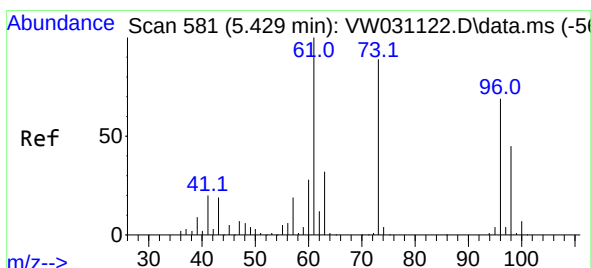
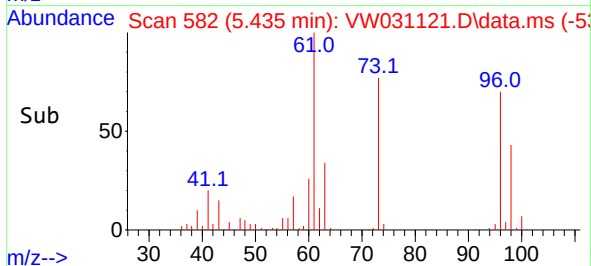
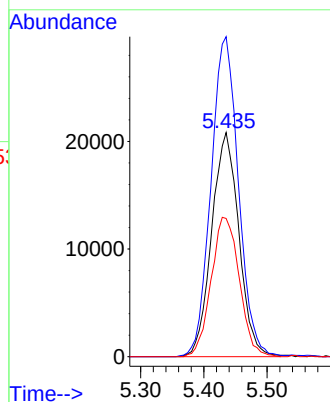
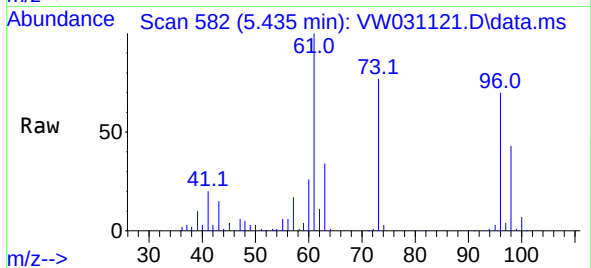




#17
trans-1,2-Dichloroethene
Concen: 9.939 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

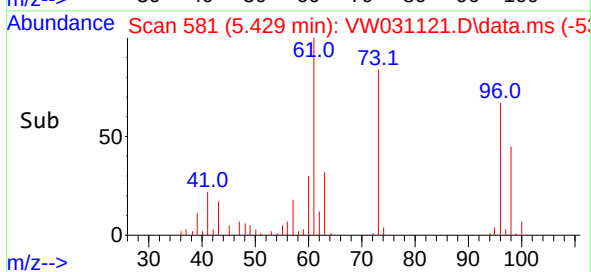
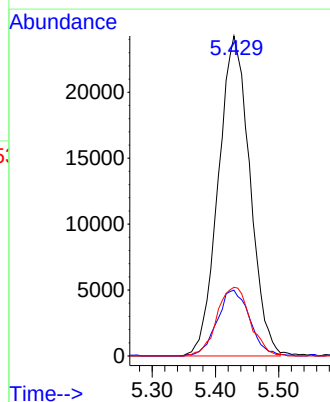
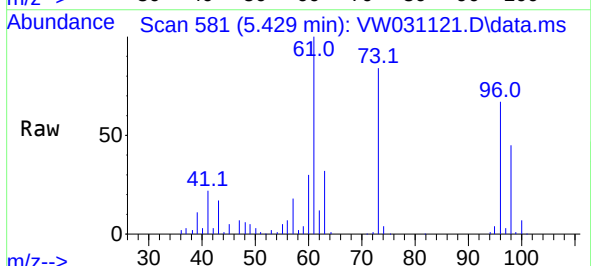
Instrument :
MSVOA_W
ClientSampleId :

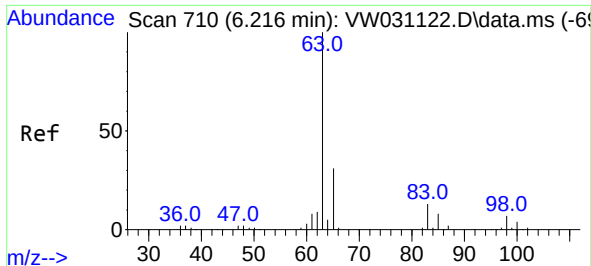
Tgt Ion: 96 Resp: 62240
Ion Ratio Lower Upper
96 100
61 142.7 92.7 172.3
98 61.7 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 9.327 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion: 73 Resp: 83947
Ion Ratio Lower Upper
73 100
43 21.3 15.4 23.0
57 22.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 10.124 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Instrument :

MSVOA_W

ClientSampleId :

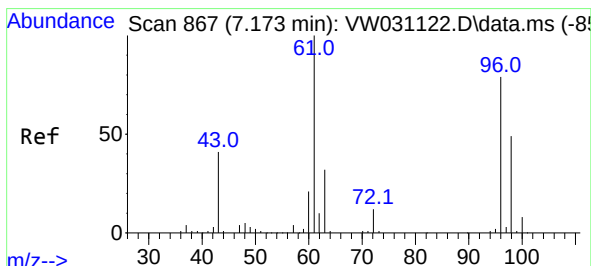
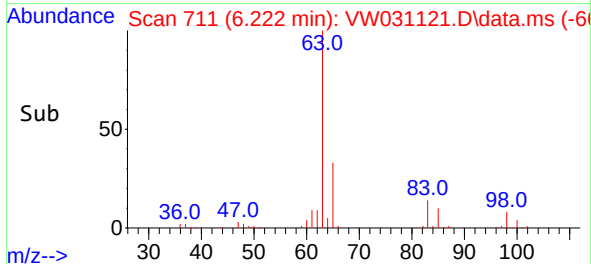
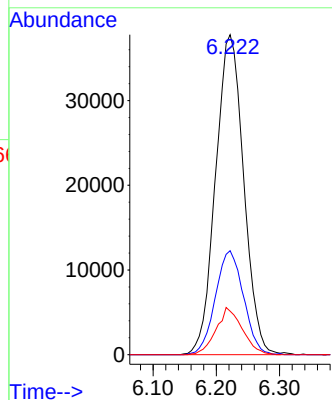
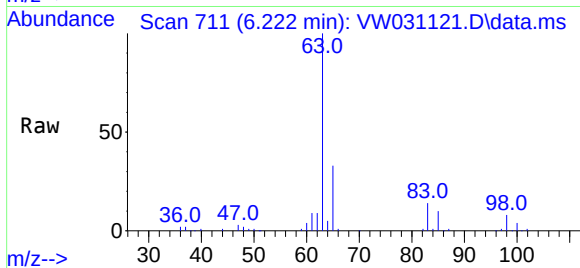
Tgt Ion: 63 Resp: 116555

Ion Ratio Lower Upper

63 100

65 32.5 21.7 40.3

83 13.6 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 9.843 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

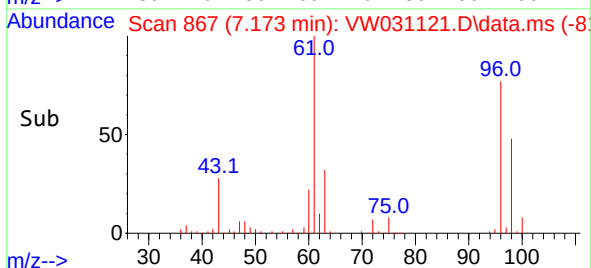
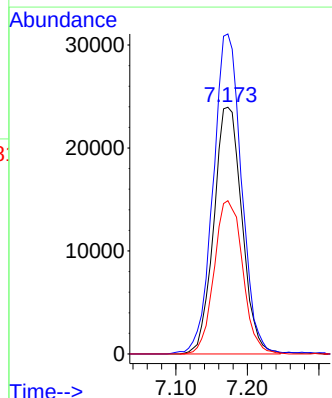
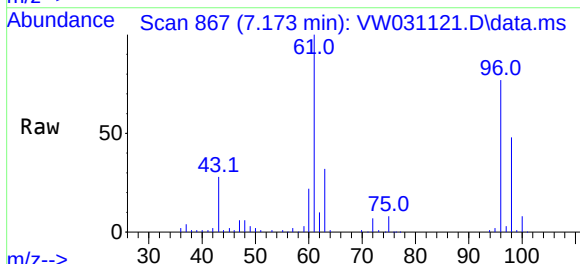
Tgt Ion: 96 Resp: 65446

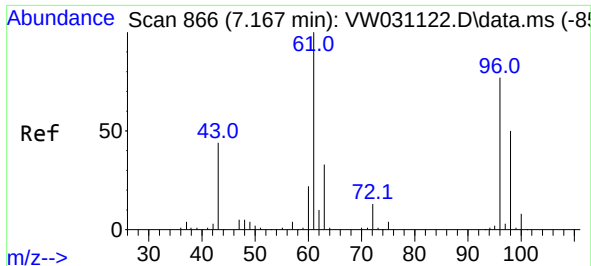
Ion Ratio Lower Upper

96 100

61 129.7 83.7 155.5

98 62.1 43.9 81.5





#22

2-Butanone

Concen: 0.088 ug/L

RT: 7.295 min Scan# 866

Delta R.T. 0.128 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Instrument :

MSVOA_W

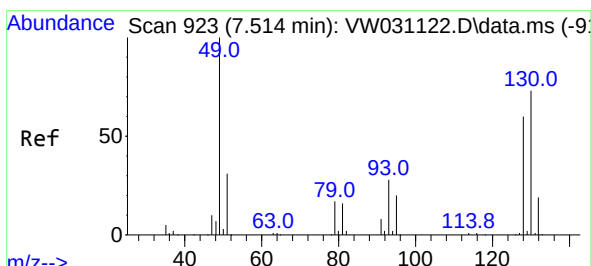
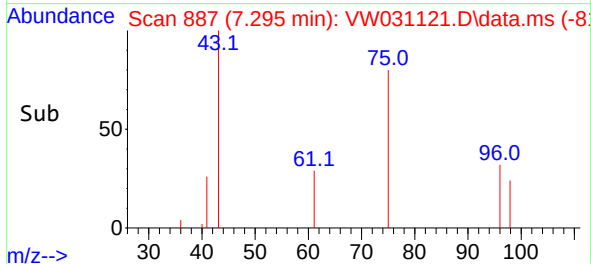
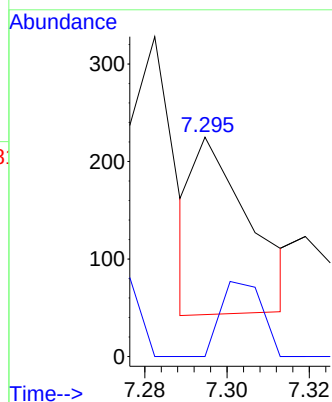
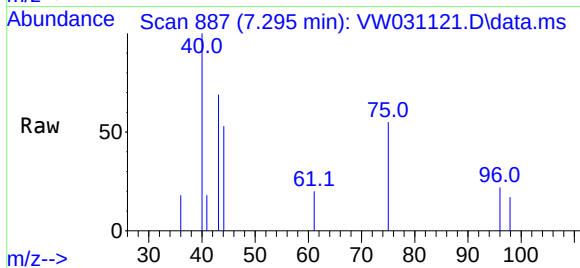
ClientSampleId :

Tgt Ion: 43 Resp: 169

Ion Ratio Lower Upper

43 100

72 32.0 14.9 44.7



#23

Bromochloromethane

Concen: 10.108 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Tgt Ion: 128 Resp: 28486

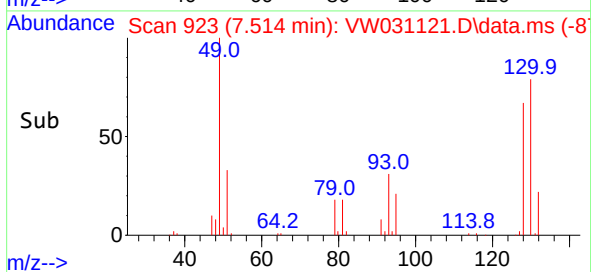
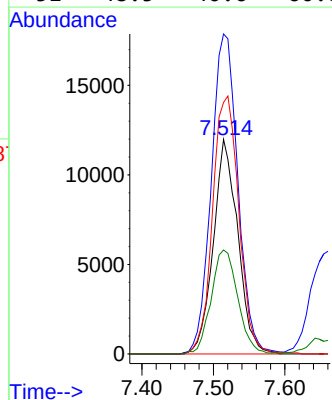
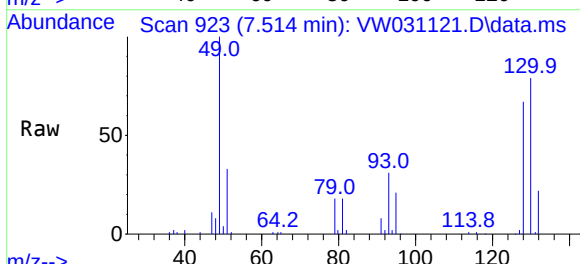
Ion Ratio Lower Upper

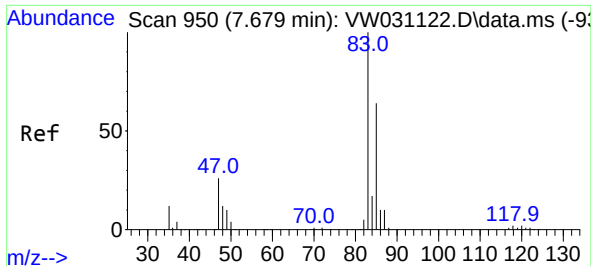
128 100

49 149.2 110.9 206.1

130 117.3 93.7 173.9

51 48.5 40.6 60.8





#25

Chloroform

Concen: 10.296 ug/L

RT: 7.679 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Instrument :

MSVOA_W

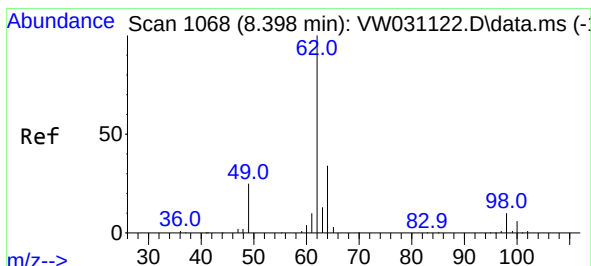
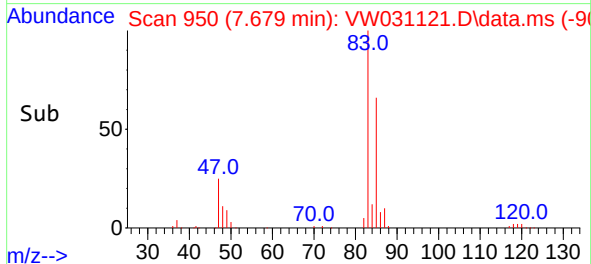
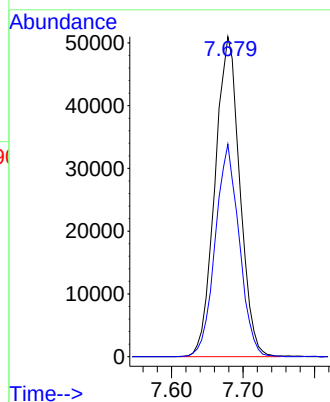
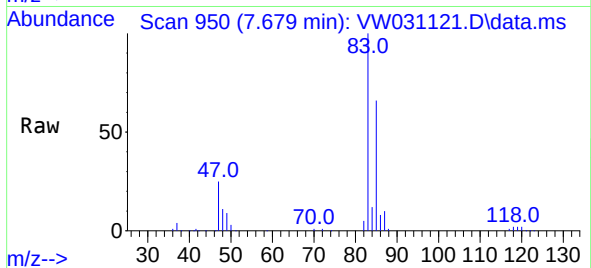
ClientSampleId :

Tgt Ion: 83 Resp: 122854

Ion Ratio Lower Upper

83 100

85 66.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 10.298 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031121.D

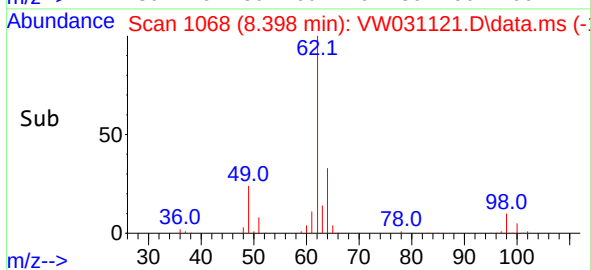
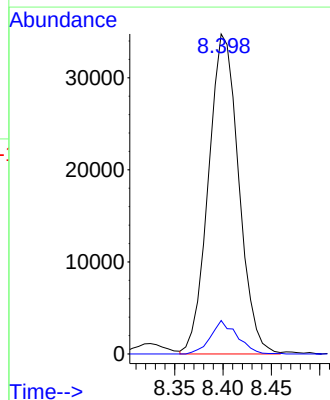
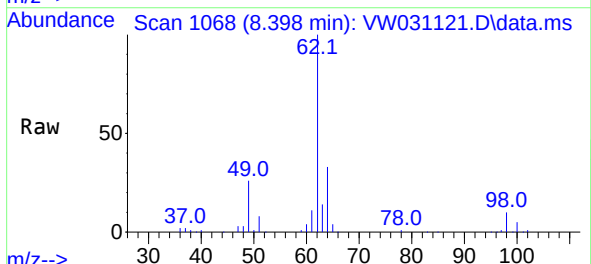
Acq: 04 Dec 2024 09:27

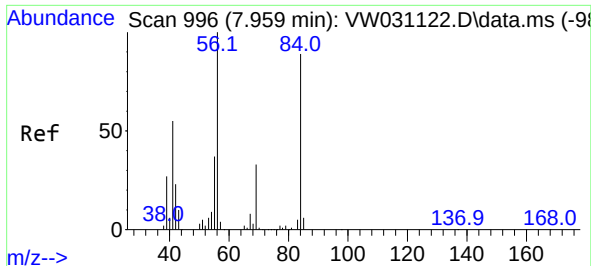
Tgt Ion: 62 Resp: 75797

Ion Ratio Lower Upper

62 100

98 10.4 7.7 11.5





#29

Cyclohexane

Concen: 8.759 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

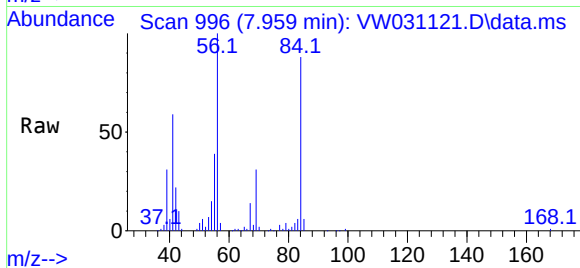
Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Instrument :

MSVOA_W

ClientSampleId :



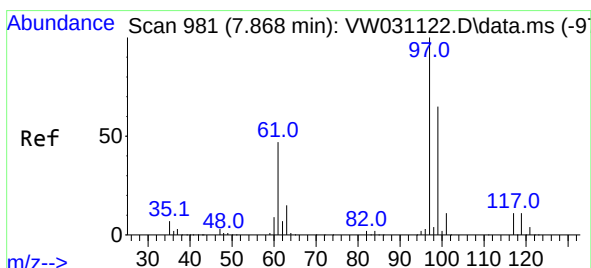
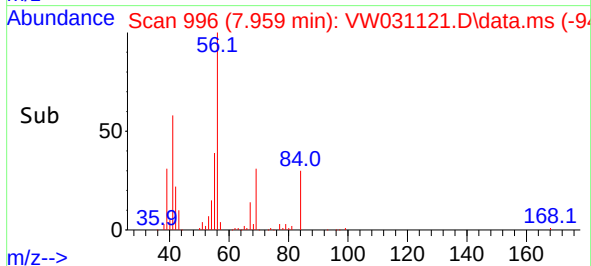
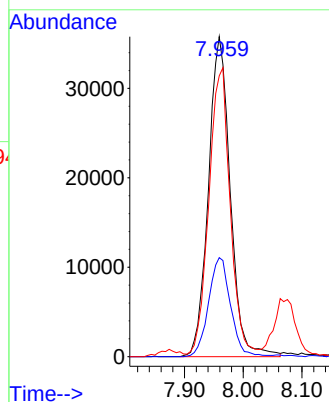
Tgt Ion: 56 Resp: 92429

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

84 86.4 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 9.716 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

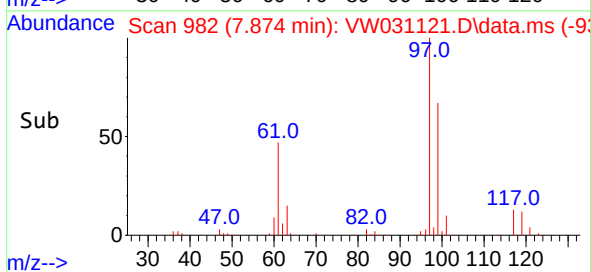
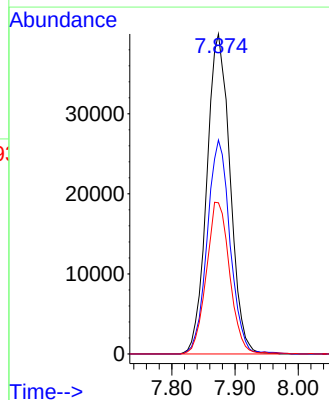
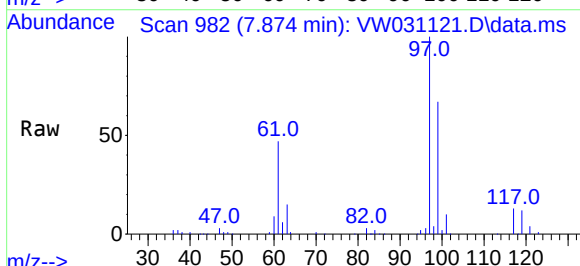
Tgt Ion: 97 Resp: 101977

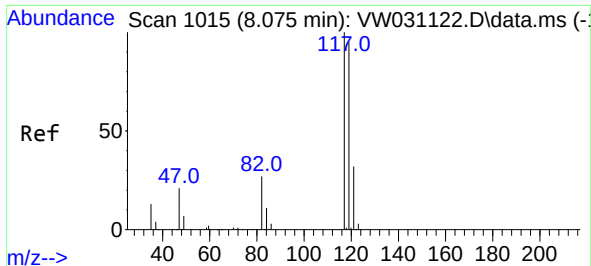
Ion Ratio Lower Upper

97 100

99 66.0 51.6 77.4

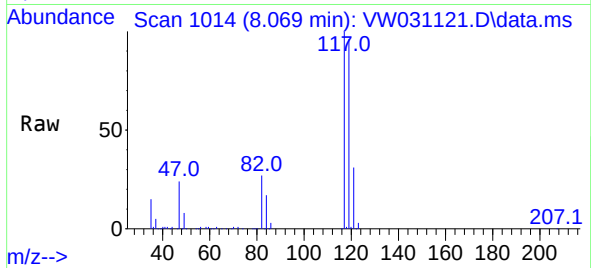
61 47.5 33.8 50.6



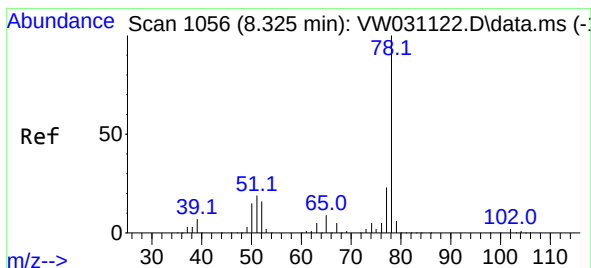
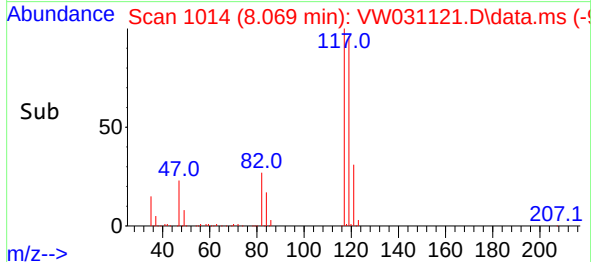
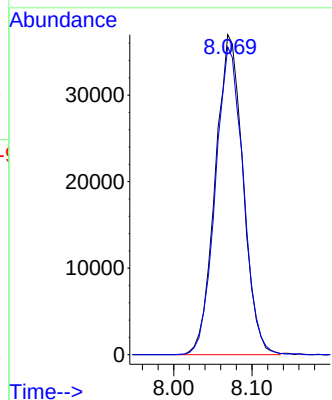


#31
Carbon tetrachloride
Concen: 9.572 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

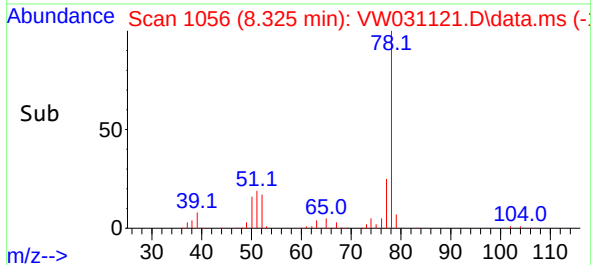
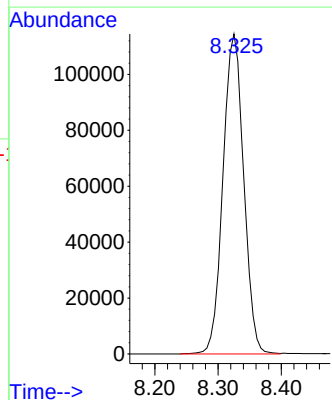
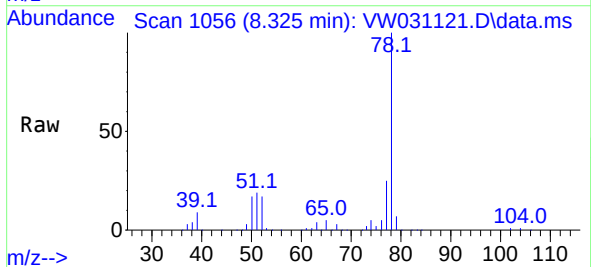


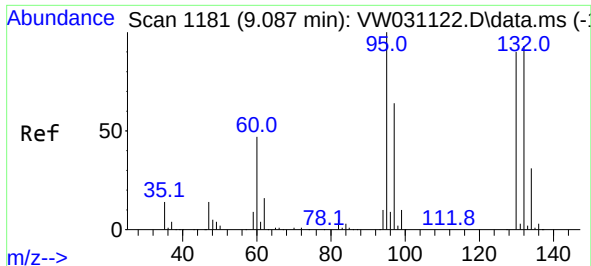
Tgt Ion:117 Resp: 90877
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8



#33
Benzene
Concen: 9.770 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion: 78 Resp: 259758

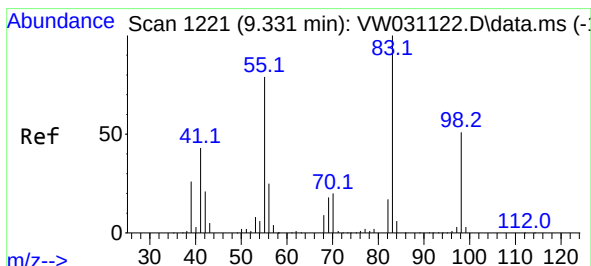
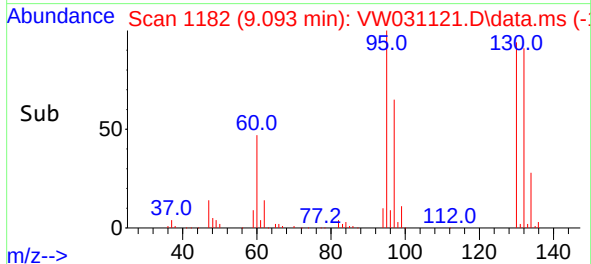
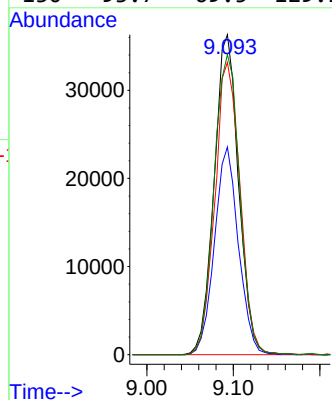
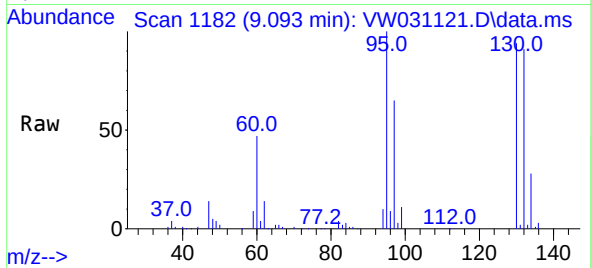




#34
Trichloroethene
Concen: 9.936 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

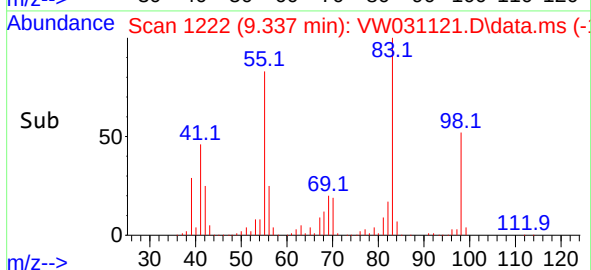
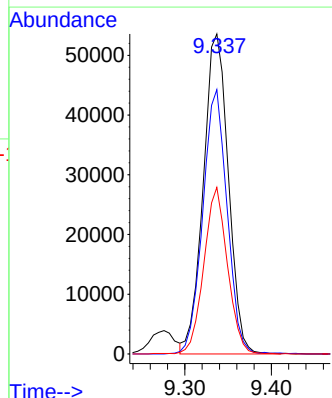
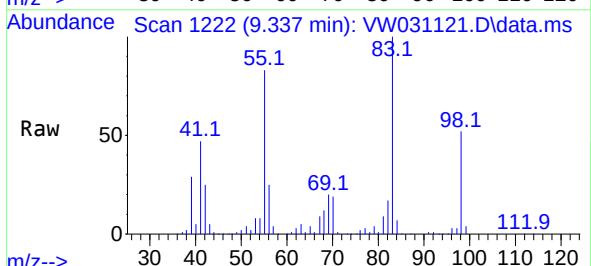
Instrument :
MSVOA_W
ClientSampleId :

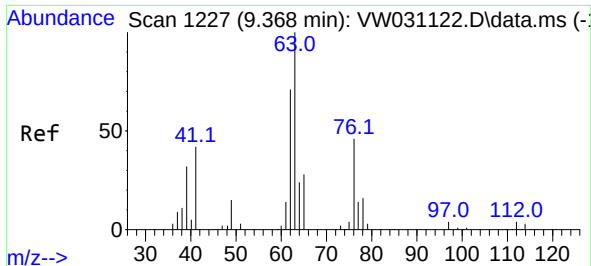
Tgt Ion: 95 Resp: 71155
Ion Ratio Lower Upper
95 100
97 64.9 48.0 89.2
132 91.4 67.4 125.2
130 93.7 69.5 129.1



#35
Methylcyclohexane
Concen: 8.666 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion: 83 Resp: 107717
Ion Ratio Lower Upper
83 100
55 80.0 59.5 89.3
98 49.0 38.7 58.1





#37

1,2-Dichloropropane

Concen: 9.795 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Instrument :

MSVOA_W

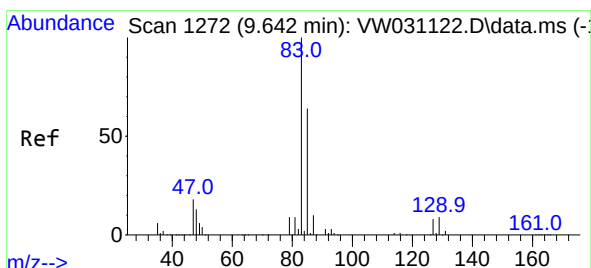
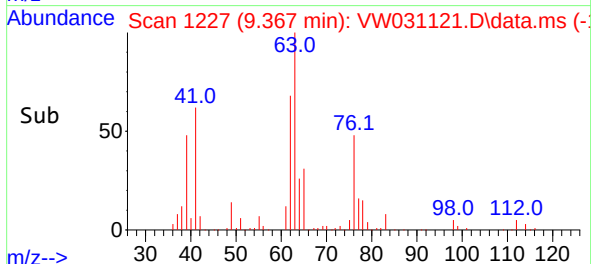
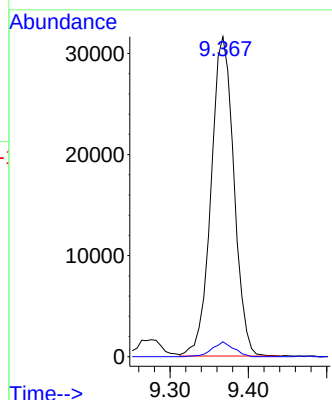
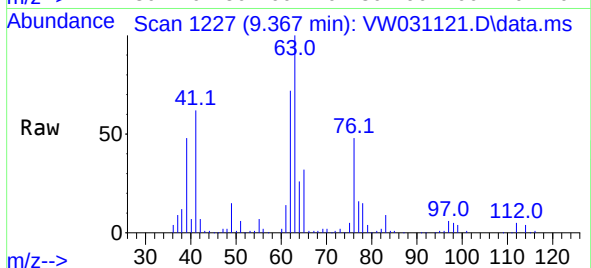
ClientSampleId :

Tgt Ion: 63 Resp: 64100

Ion Ratio Lower Upper

63 100

112 4.4 3.9 5.9



#38

Bromodichloromethane

Concen: 9.583 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

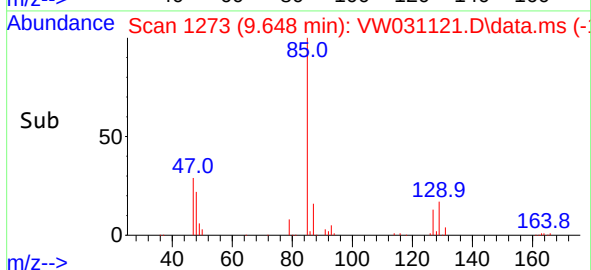
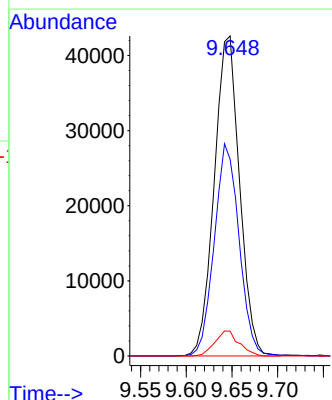
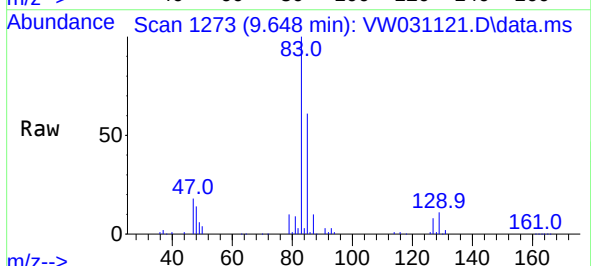
Tgt Ion: 83 Resp: 82167

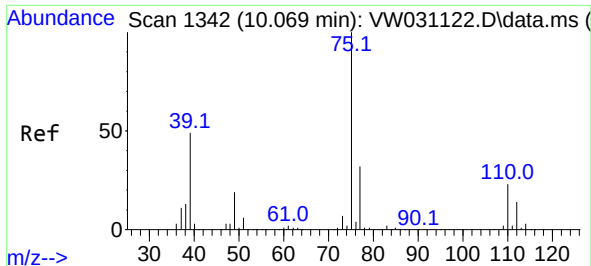
Ion Ratio Lower Upper

83 100

85 61.4 48.7 90.5

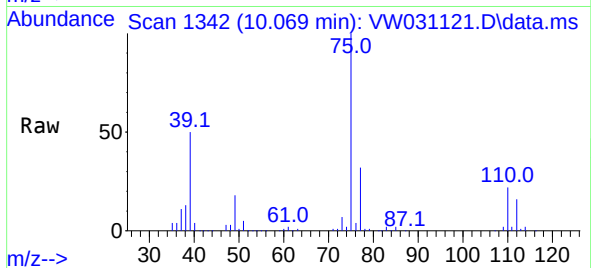
127 7.8 7.2 10.8



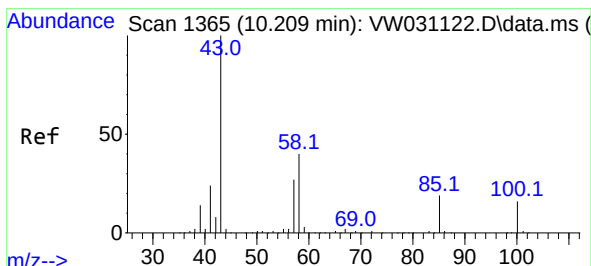
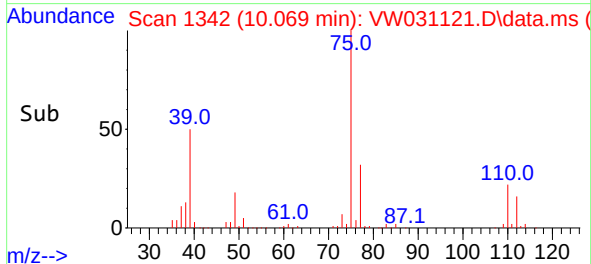
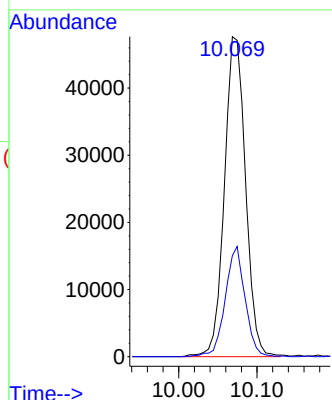


#39
cis-1,3-Dichloropropene
Concen: 8.948 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

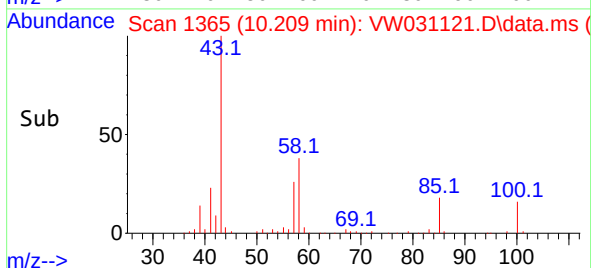
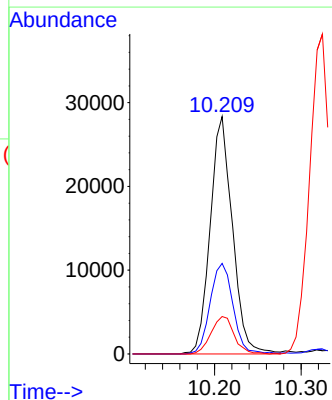
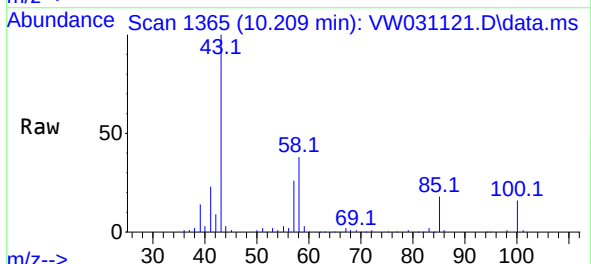


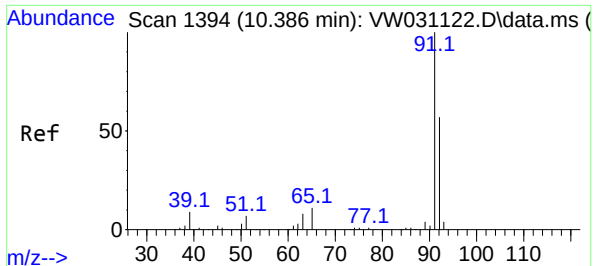
Tgt Ion: 75 Resp: 89479
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.2



#40
4-Methyl-2-pentanone
Concen: 16.825 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion: 43 Resp: 50610
Ion Ratio Lower Upper
43 100
58 39.2 33.7 50.5
100 16.3 14.2 21.2

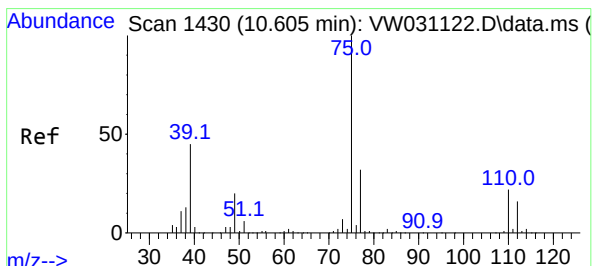
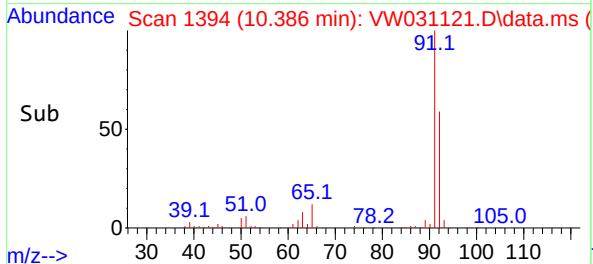
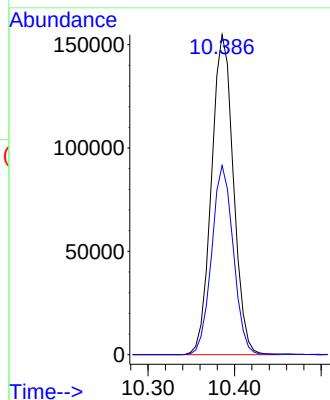
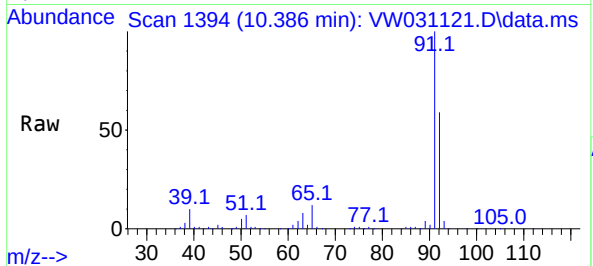




#42
Toluene
Concen: 9.493 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

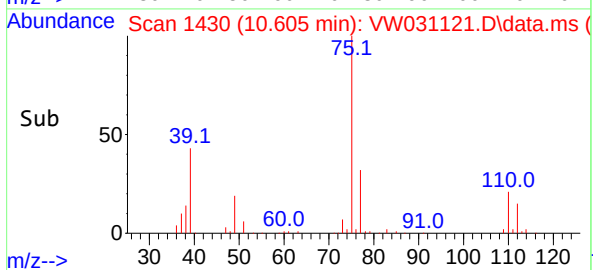
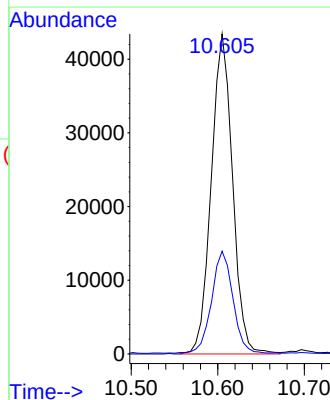
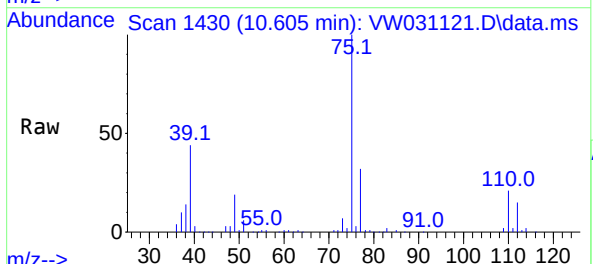
Instrument :
MSVOA_W
ClientSampleId :

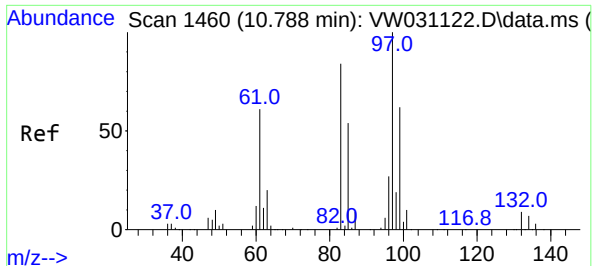
Tgt Ion: 91 Resp: 272601
Ion Ratio Lower Upper
91 100
92 59.1 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 9.021 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion: 75 Resp: 74212
Ion Ratio Lower Upper
75 100
77 32.1 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 9.654 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 43512

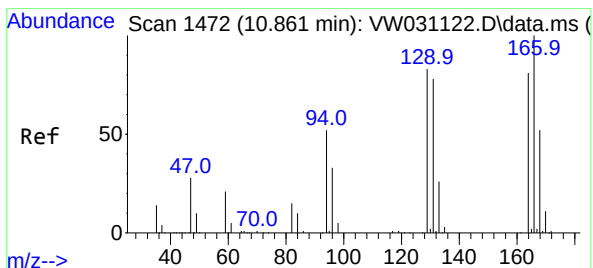
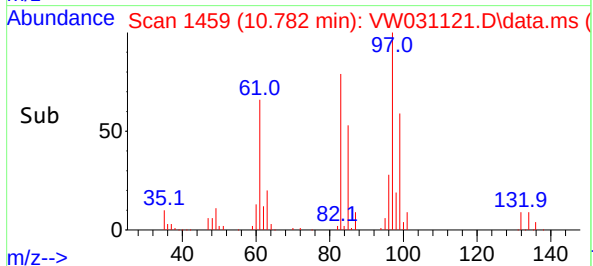
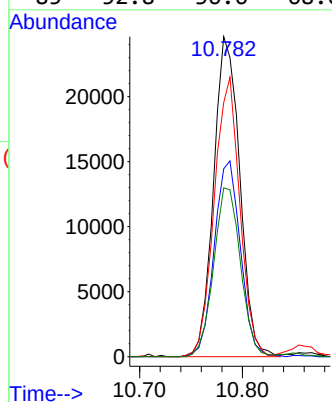
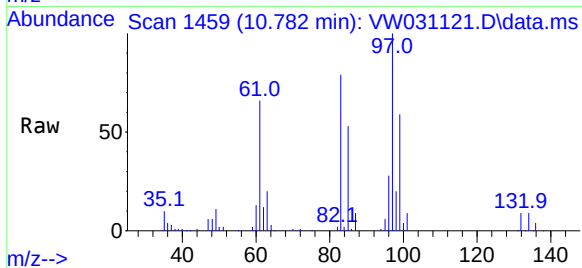
Ion Ratio Lower Upper

97 100

99 58.7 42.4 78.8

83 79.4 57.8 107.4

85 52.8 36.6 68.0



#46

Tetrachloroethene

Concen: 9.660 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Tgt Ion:164 Resp: 52529

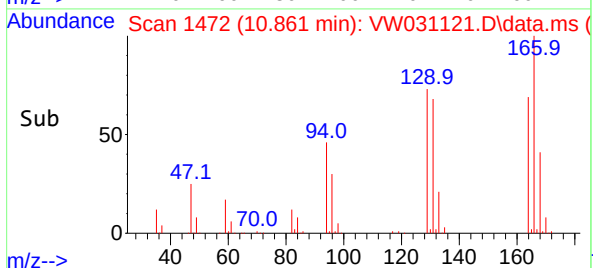
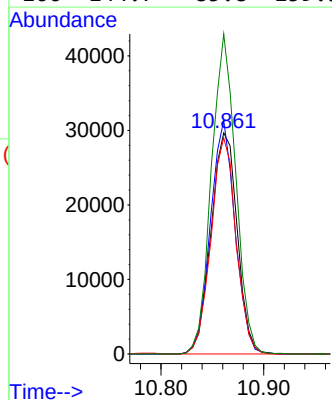
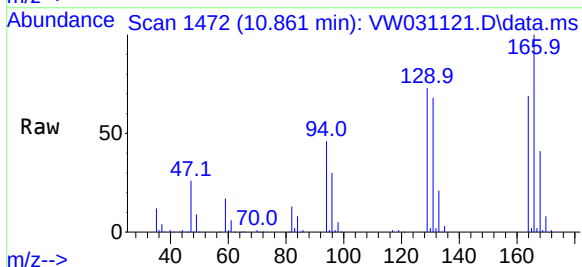
Ion Ratio Lower Upper

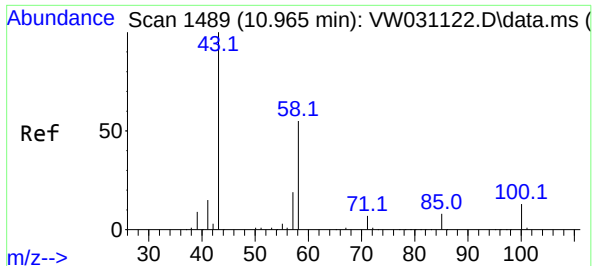
164 100

129 105.7 61.9 114.9

131 97.8 67.9 126.1

166 144.7 85.8 159.3





#48

2-Hexanone

Concen: 13.337 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

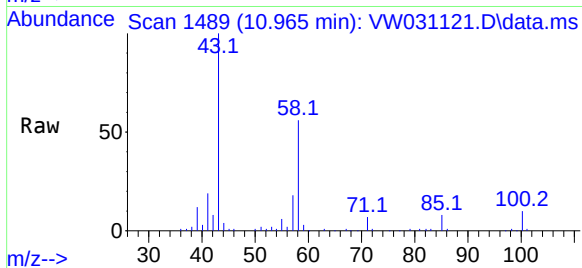
Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Instrument :

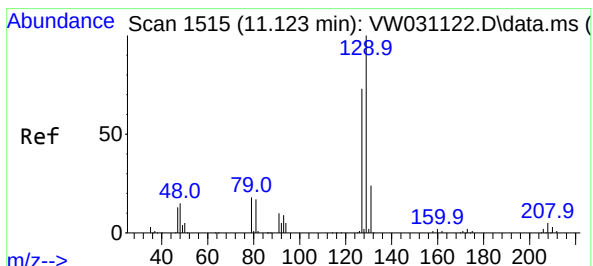
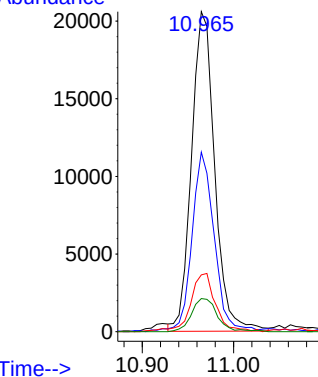
MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 36368

Ion	Ratio	Lower	Upper
43	100		
58	54.0	49.8	74.6
57	19.5	16.6	24.8
100	11.1	11.4	17.2



#49

Dibromochloromethane

Concen: 9.313 ug/L

RT: 11.123 min Scan# 1515

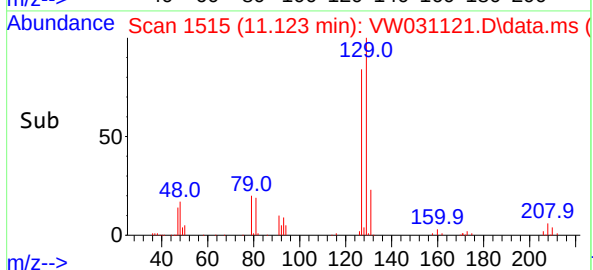
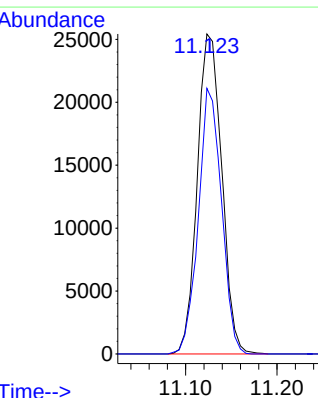
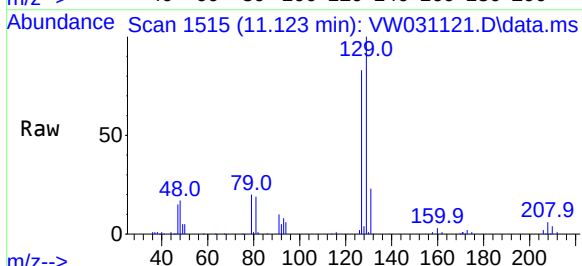
Delta R.T. -0.000 min

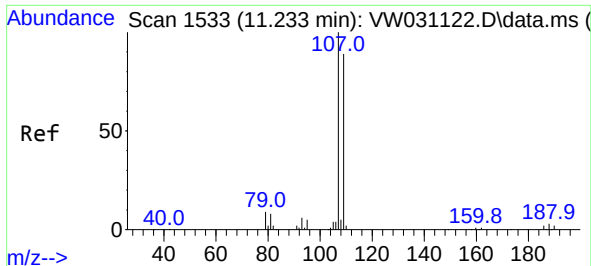
Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Tgt Ion:129 Resp: 47295

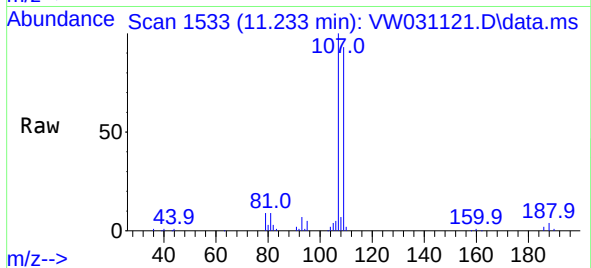
Ion	Ratio	Lower	Upper
129	100		
127	83.0	51.4	95.4



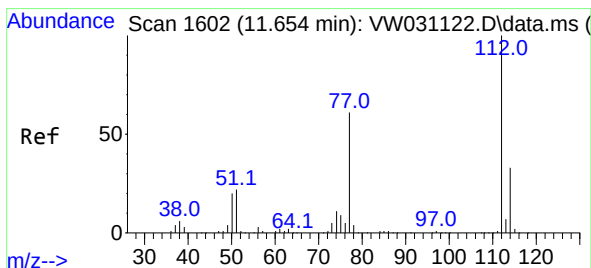
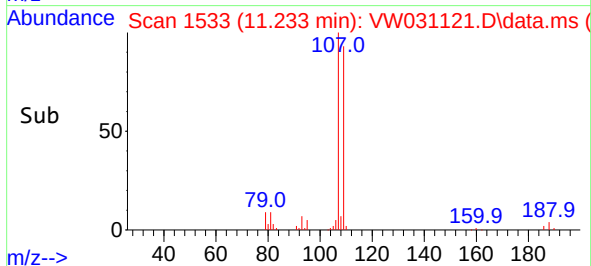
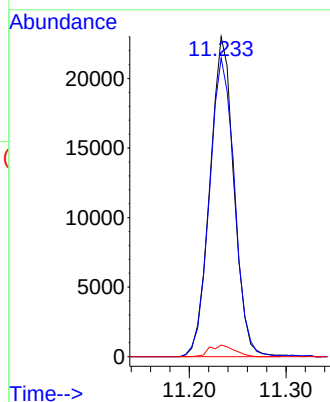


#50
1,2-Dibromoethane
Concen: 9.727 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

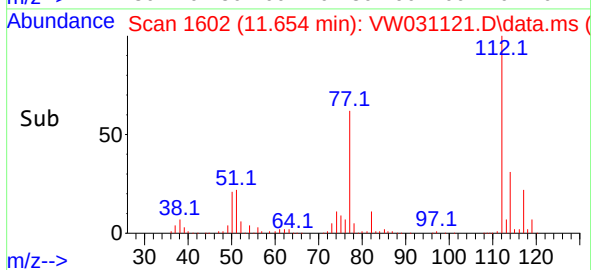
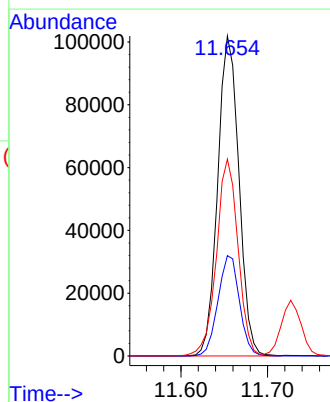
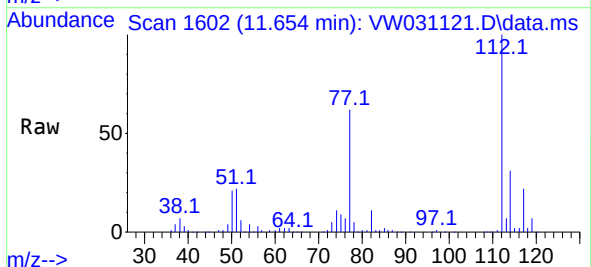


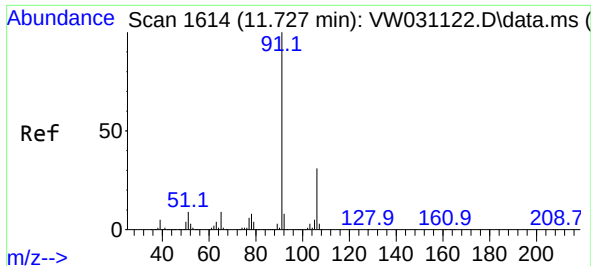
Tgt Ion:107 Resp: 39704
Ion Ratio Lower Upper
107 100
109 93.3 71.0 131.9
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 9.899 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

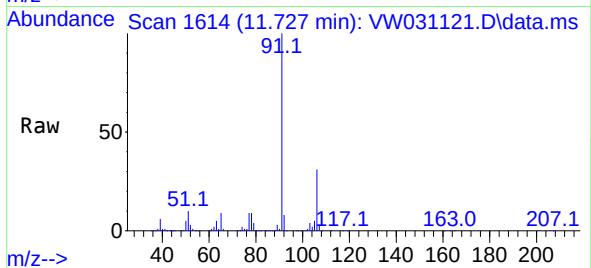
Tgt Ion:112 Resp: 173529
Ion Ratio Lower Upper
112 100
114 31.4 21.2 39.4
77 61.5 45.4 68.0



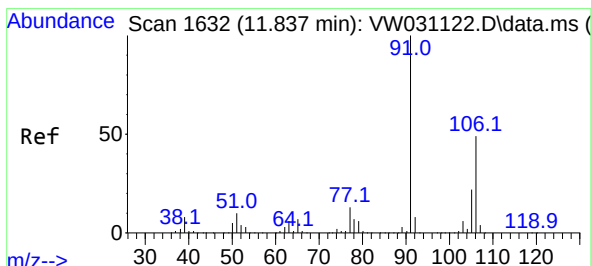
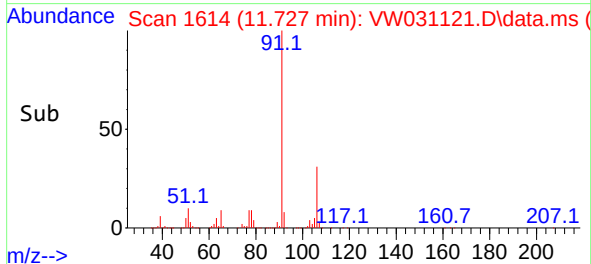
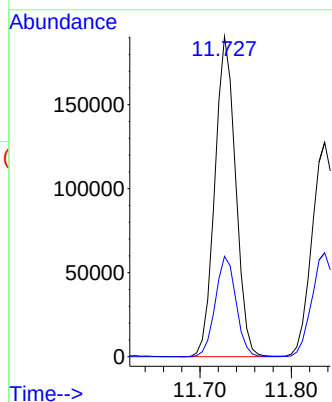


#52
Ethylbenzene
Concen: 9.168 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

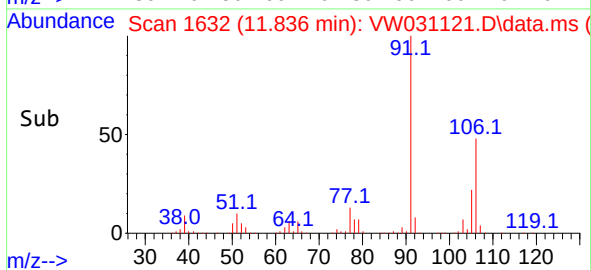
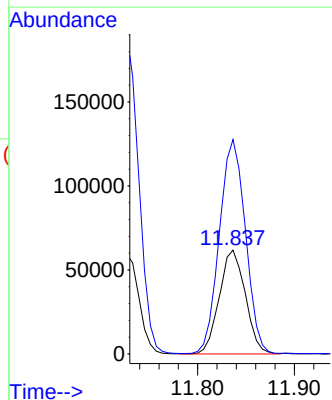
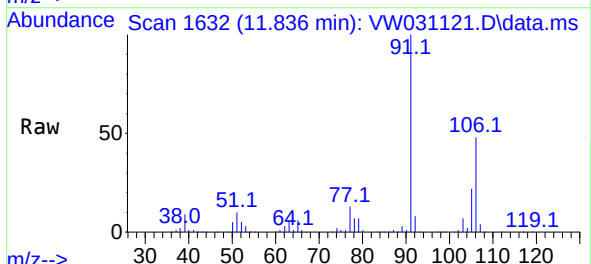


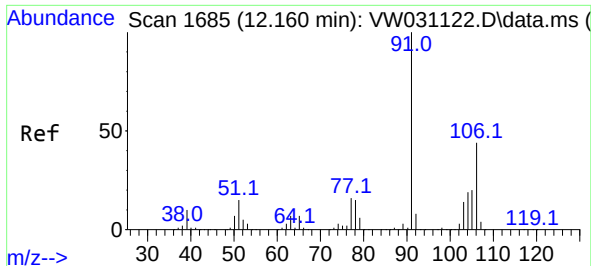
Tgt Ion: 91 Resp: 300750
Ion Ratio Lower Upper
91 100
106 31.4 21.3 39.5



#53
m,p-Xylene
Concen: 9.525 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion: 106 Resp: 115656
Ion Ratio Lower Upper
106 100
91 206.6 140.9 261.7

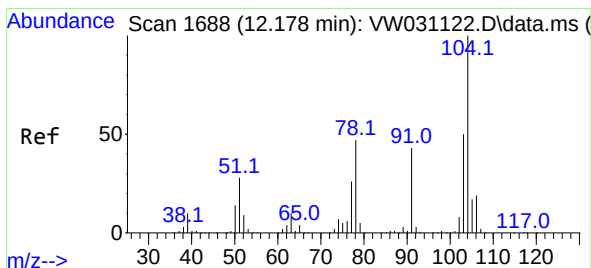
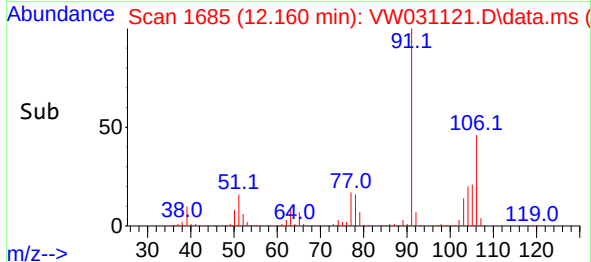
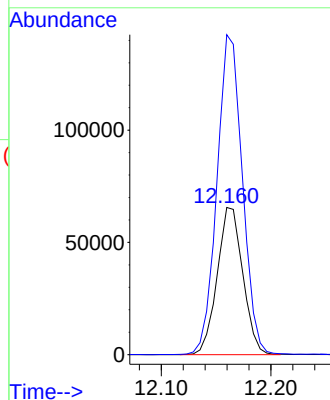
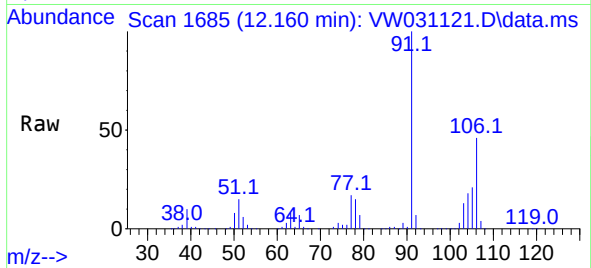




#54
o-Xylene
Concen: 9.368 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

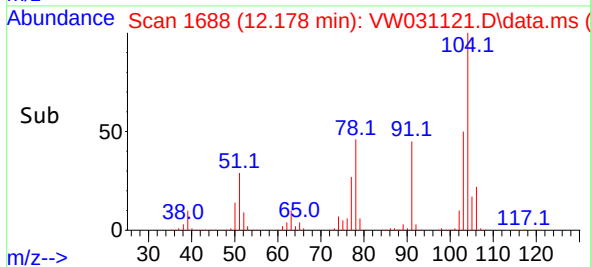
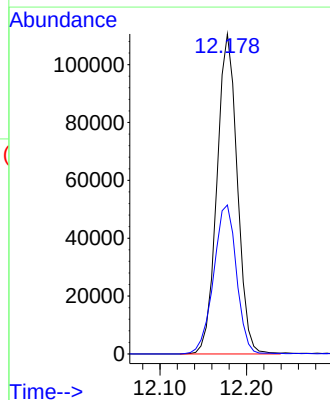
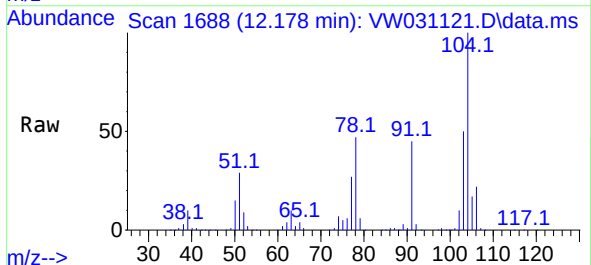
Instrument :
MSVOA_W
ClientSampleId :

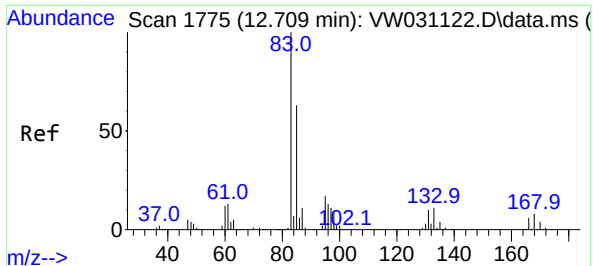
Tgt Ion:106 Resp: 106724
Ion Ratio Lower Upper
106 100
91 217.3 152.7 283.5



#55
Styrene
Concen: 9.405 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion:104 Resp: 180542
Ion Ratio Lower Upper
104 100
78 46.5 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 9.438 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031121.D

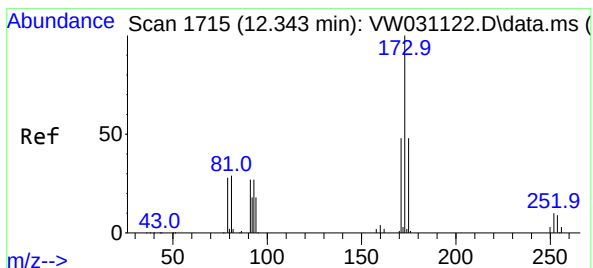
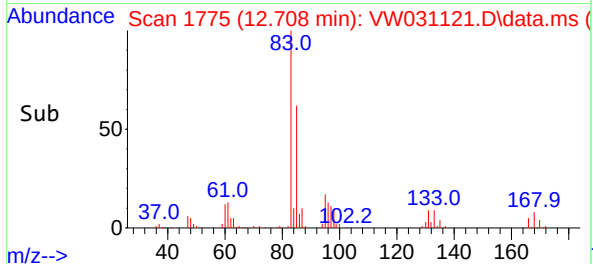
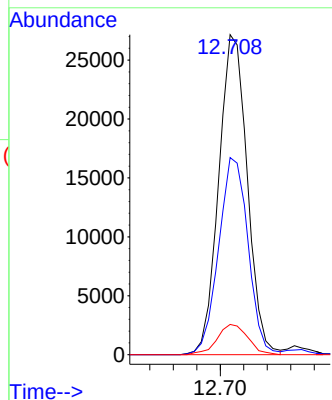
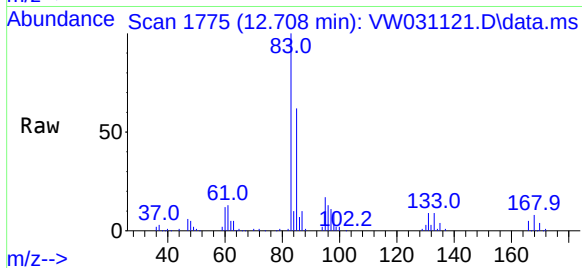
Acq: 04 Dec 2024 09:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	45823
Ion	Ratio	Lower	Upper
83	100		
85	61.6	48.3	89.7
131	9.5	8.9	13.3



#59

Bromoform

Concen: 9.191 ug/L

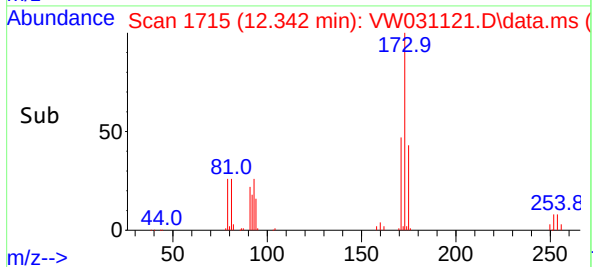
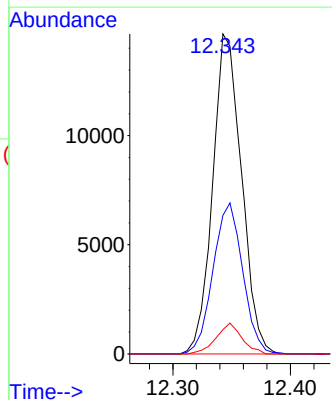
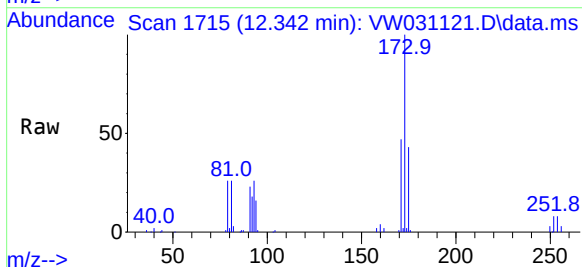
RT: 12.342 min Scan# 1715

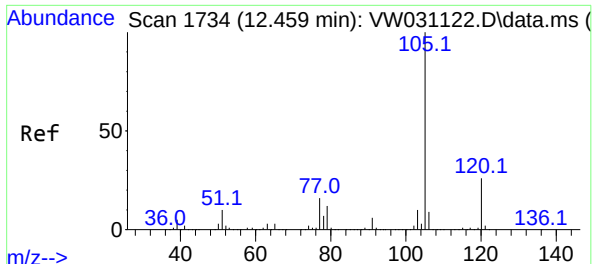
Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

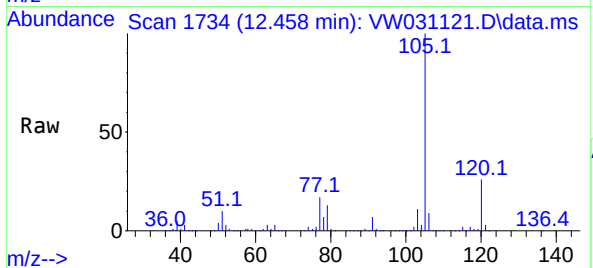
Tgt Ion:	173	Resp:	25003
Ion	Ratio	Lower	Upper
173	100		
175	48.5	36.6	54.8
254	8.6	7.7	11.5



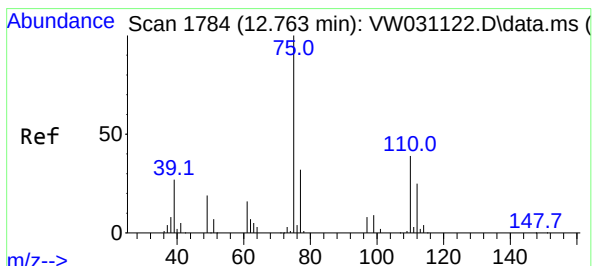
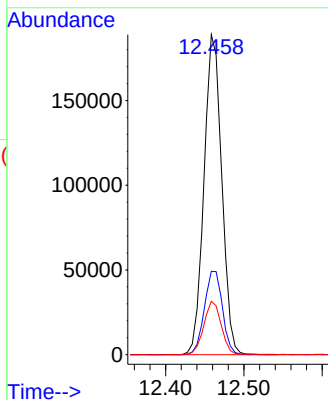
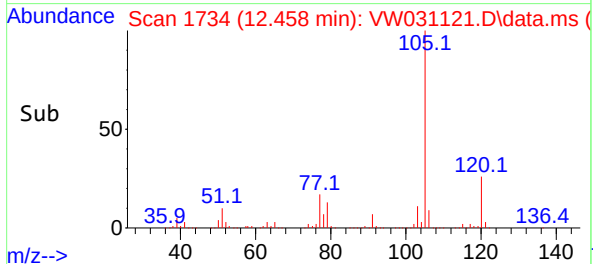


#60
Isopropylbenzene
Concen: 9.214 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

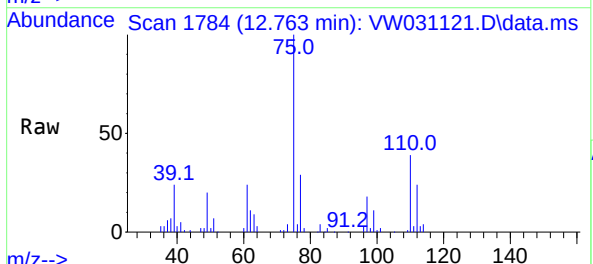
Instrument :
MSVOA_W
ClientSampleId :



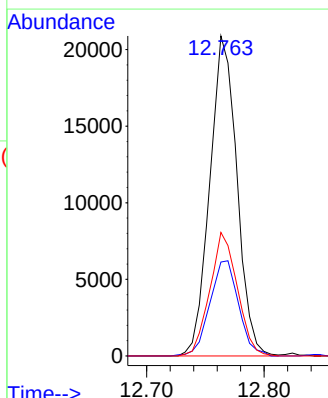
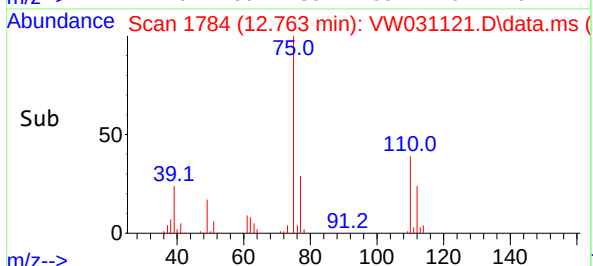
Tgt Ion:105 Resp: 296825
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 16.4 12.3 18.5

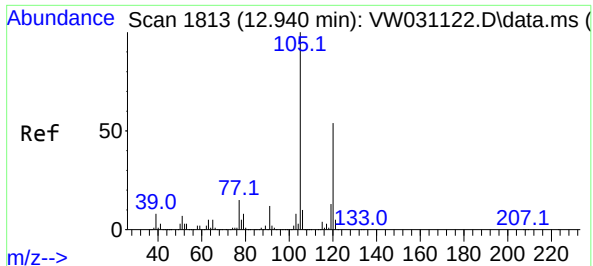


#61
1,2,3-Trichloropropane
Concen: 9.552 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27



Tgt Ion: 75 Resp: 33565
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
110 39.1 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 9.006 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Instrument :

MSVOA_W

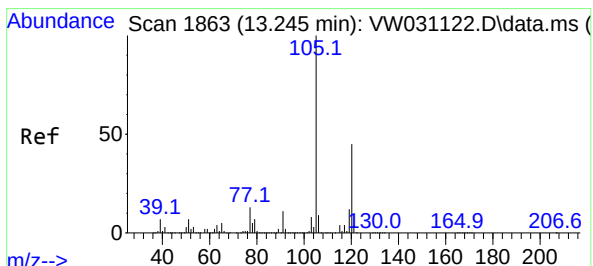
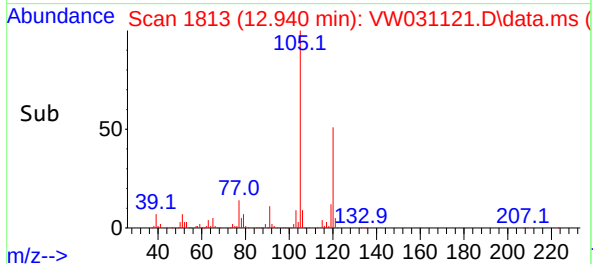
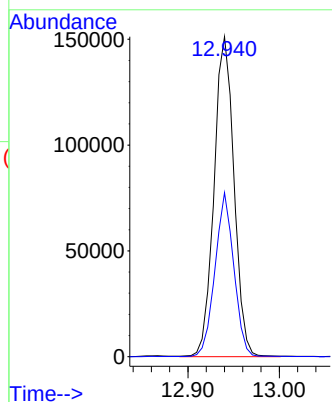
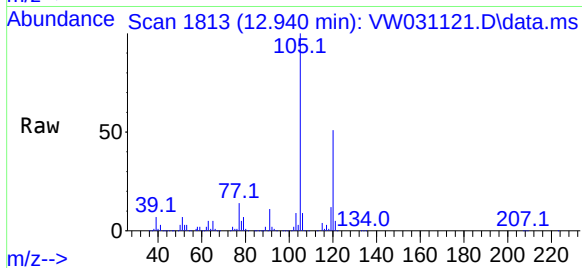
ClientSampleId :

Tgt Ion:105 Resp: 229633

Ion Ratio Lower Upper

105 100

120 48.3 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 8.967 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW031121.D

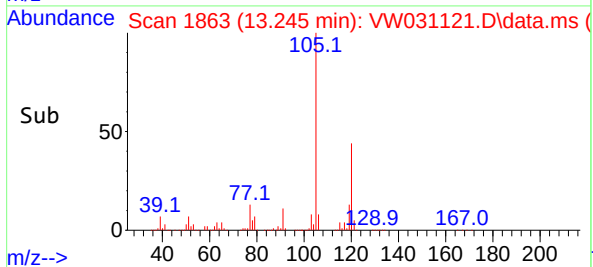
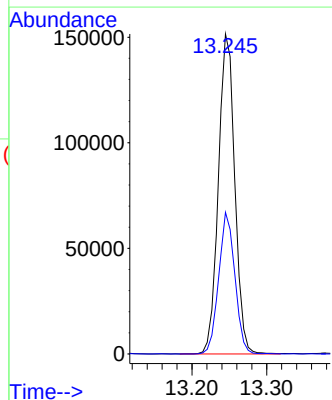
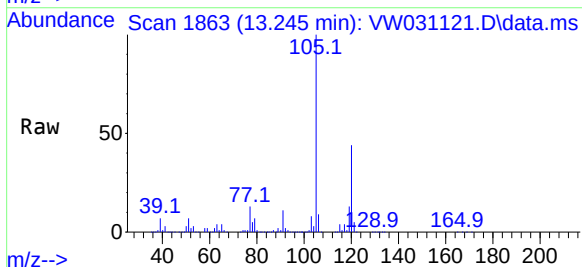
Acq: 04 Dec 2024 09:27

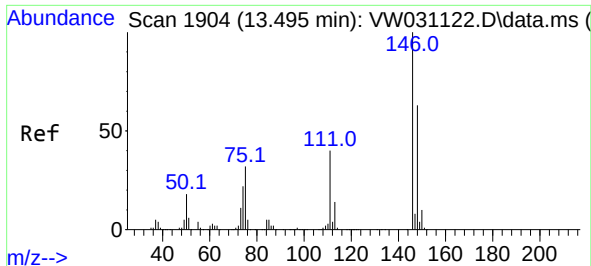
Tgt Ion:105 Resp: 231250

Ion Ratio Lower Upper

105 100

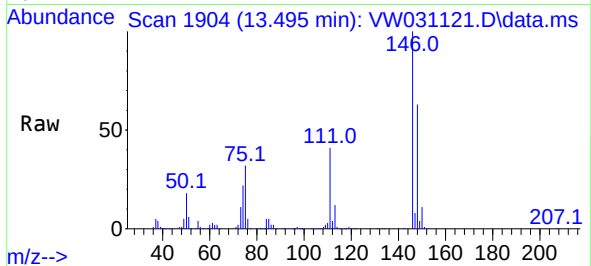
120 43.6 35.4 53.0



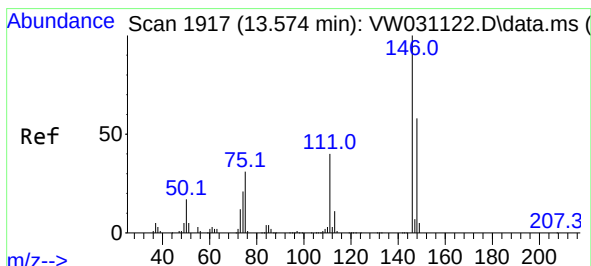
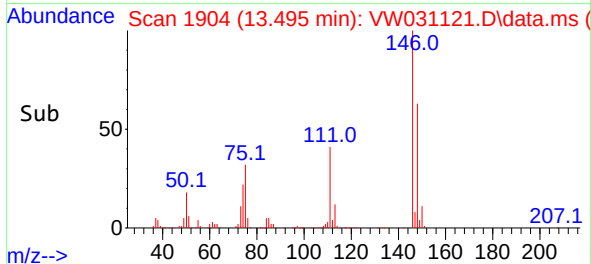
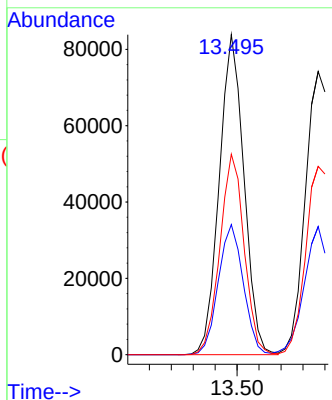


#64
1,3-Dichlorobenzene
Concen: 9.632 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

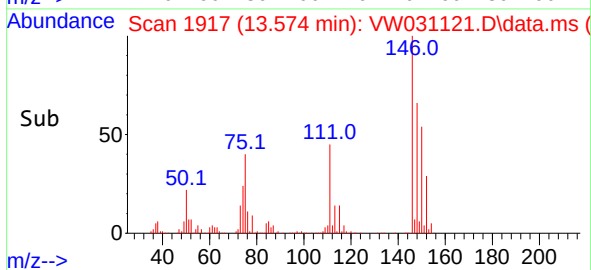
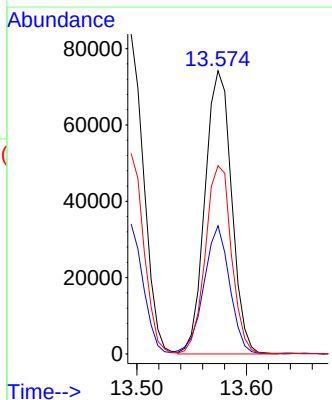
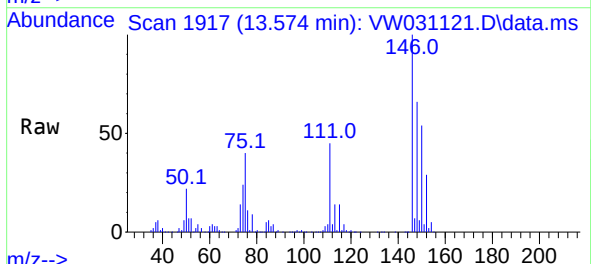


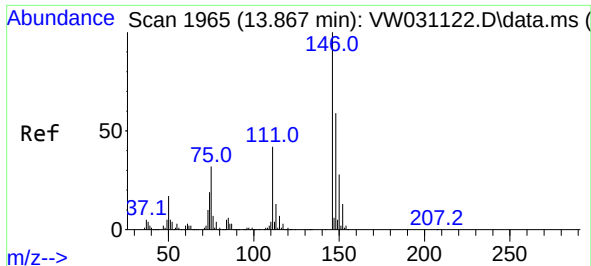
Tgt Ion:146 Resp: 131496
Ion Ratio Lower Upper
146 100
111 40.6 28.5 52.9
148 62.6 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 9.209 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion:146 Resp: 125416
Ion Ratio Lower Upper
146 100
111 45.3 26.6 49.4
148 66.5 42.1 78.1

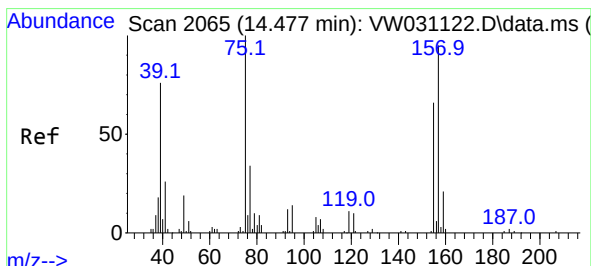
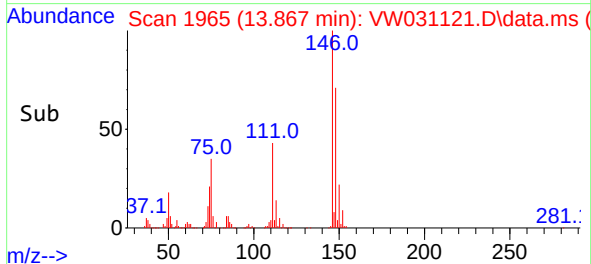
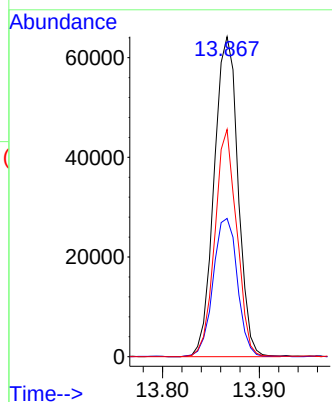
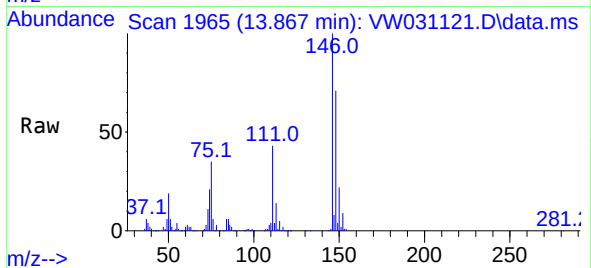




#67
1,2-Dichlorobenzene
Concen: 9.148 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

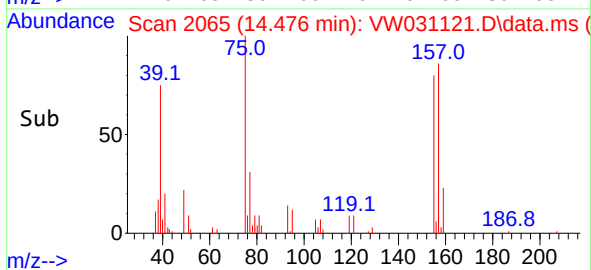
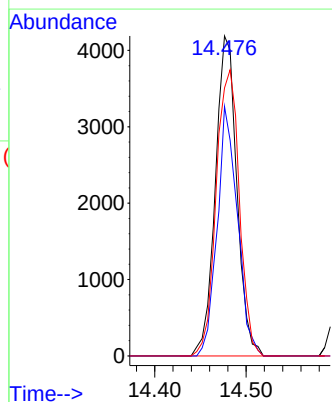
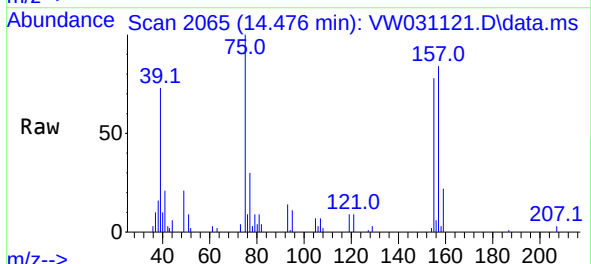
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:146 Resp: 110138
Ion Ratio Lower Upper
146 100
111 43.2 30.9 46.3
148 71.0 50.0 75.0

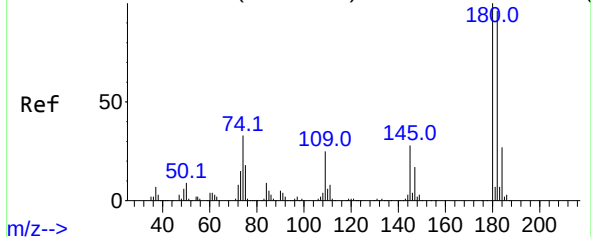


#68
1,2-Dibromo-3-chloropropane
Concen: 9.033 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

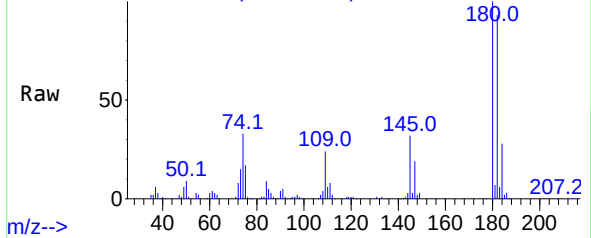
Tgt Ion: 75 Resp: 6830
Ion Ratio Lower Upper
75 100
155 78.0 63.1 94.7
157 83.8 82.1 123.1



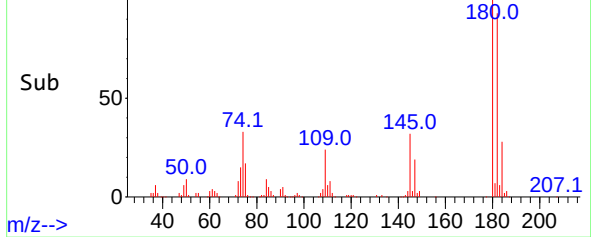
Abundance Scan 2089 (14.623 min): VW031122.D\data.ms (



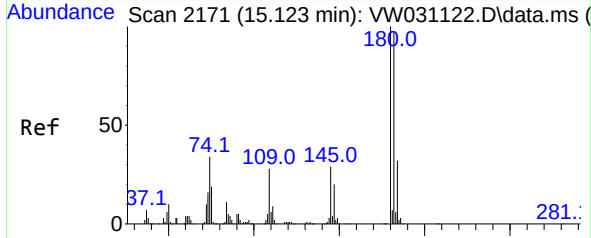
m/z--> Abundance Scan 2089 (14.623 min): VW031121.D\data.ms



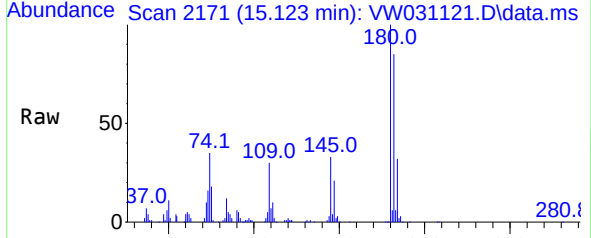
m/z--> Abundance Scan 2089 (14.623 min): VW031121.D\data.ms (



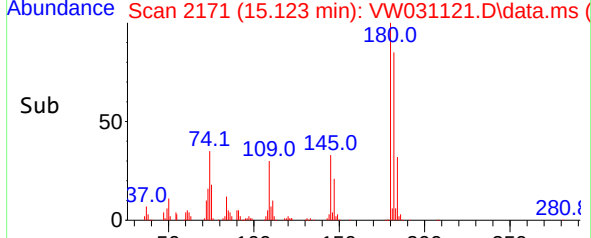
m/z--> Abundance Scan 2171 (15.123 min): VW031122.D\data.ms (



m/z--> Abundance Scan 2171 (15.123 min): VW031121.D\data.ms



m/z--> Abundance Scan 2171 (15.123 min): VW031121.D\data.ms (



m/z--> Abundance Scan 2171 (15.123 min): VW031121.D\data.ms (

#69

1,3,5-Trichlorobenzene

Concen: 9.234 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 85763

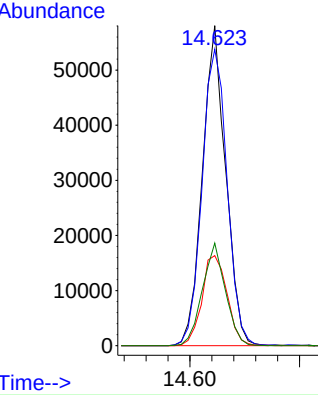
Ion Ratio Lower Upper

180 100

182 99.7 78.2 117.2

184 30.4 24.0 36.0

145 31.7 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 8.673 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031121.D

Acq: 04 Dec 2024 09:27

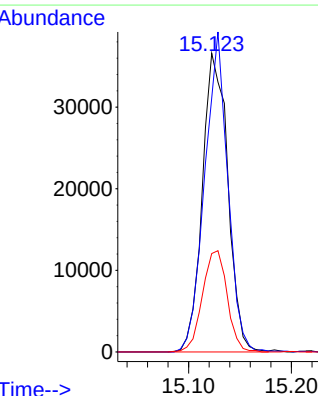
Tgt Ion:180 Resp: 63009

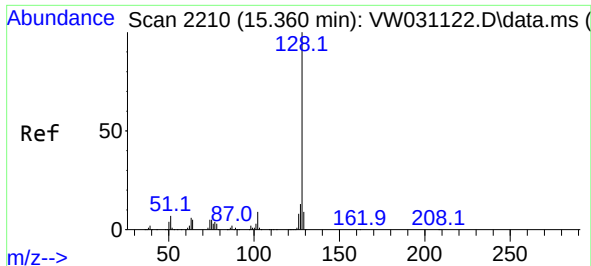
Ion Ratio Lower Upper

180 100

182 96.5 76.1 114.1

145 32.9 25.7 38.5

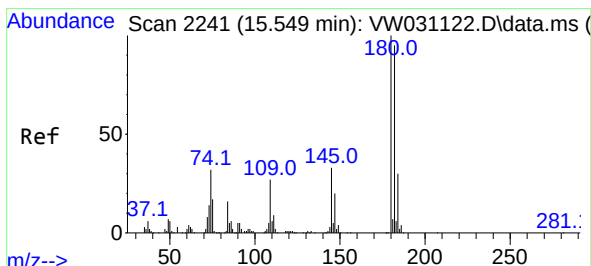
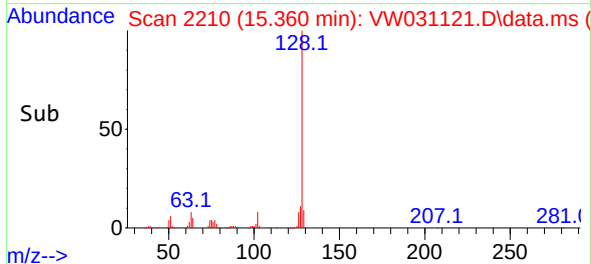
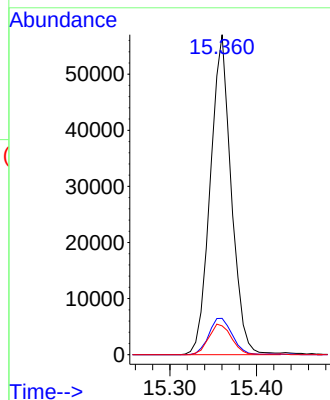
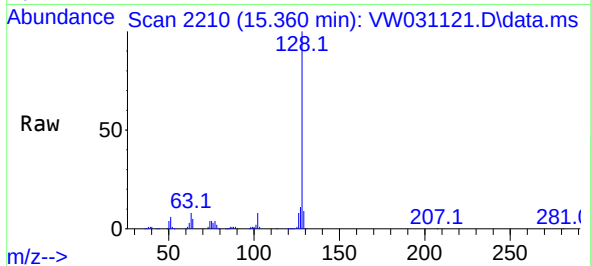




#71
Naphthalene
Concen: 7.959 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 95704
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.4 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 8.927 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031121.D
Acq: 04 Dec 2024 09:27

Tgt Ion:180 Resp: 54432
Ion Ratio Lower Upper
180 100
182 93.6 78.7 118.1
145 33.7 26.3 39.5

