

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030471.D
 Acq On : 09 Oct 2024 13:48
 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: Oct 10 01:03:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	356470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	323785	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	156847	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	16569	2.957	ug/L	0.00
7) Chloroethane-d5	2.899	69	11020	2.598	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	6488	2.784	ug/L	0.00
21) 2-Butanone-d5	7.087	46	2528	2.504	ug/L	0.00
24) Chloroform-d	7.654	84	25775	2.528	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	13720	2.588	ug/L	0.00
32) Benzene-d6	8.276	84	46808	2.491	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	13732	2.490	ug/L	0.00
41) Toluene-d8	10.325	98	38811	2.262	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	5281	2.287	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	3060	4.307	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10521	2.597	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	12944	2.439	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	11869	2.606	ug/L #	70
3) Chloromethane	2.223	50	14322	2.706	ug/L	88
5) Vinyl chloride	2.369	62	18049	2.773	ug/L	98
6) Bromomethane	2.796	94	11440	2.670	ug/L	92
8) Chloroethane	2.930	64	10791	2.712	ug/L	94
9) Trichlorofluoromethane	3.271	101	14605	2.507	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	10860	2.217	ug/L #	85
12) 1,1-Dichloroethene	4.045	96	11752	2.457	ug/L	99
13) Acetone	4.125	43	7164	4.937	ug/L	99
14) Carbon disulfide	4.387	76	40851	2.616	ug/L	100
15) Methyl Acetate	4.673	43	2288	1.238	ug/L #	26
16) Methylene chloride	4.917	84	16408	3.045	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	12985	2.516	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	17480	2.420	ug/L #	85
19) 1,1-Dichloroethane	6.216	63	24653	2.570	ug/L	99
20) cis-1,2-Dichloroethene	7.179	96	13319	2.420	ug/L	93
22) 2-Butanone	7.173	43	7570	5.024	ug/L	99
23) Bromochloromethane	7.514	128	3801	1.578	ug/L	96
25) Chloroform	7.673	83	27023	2.636	ug/L	95
27) 1,2-Dichloroethane	8.404	62	18112	2.678	ug/L	100
29) Cyclohexane	7.953	56	17850	2.265	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	23017	2.678	ug/L	99
31) Carbon tetrachloride	8.069	117	19725	2.569	ug/L	99
33) Benzene	8.325	78	52919	2.512	ug/L	100
34) Trichloroethene	9.093	95	15235	2.599	ug/L	95
35) Methylcyclohexane	9.337	83	21611	2.343	ug/L	94
37) 1,2-Dichloropropane	9.368	63	13411	2.545	ug/L #	92
38) Bromodichloromethane	9.642	83	17873	2.553	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	18063	2.276	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	12074	4.776	ug/L	98
42) Toluene	10.386	91	52876	2.352	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	15318	2.296	ug/L	99

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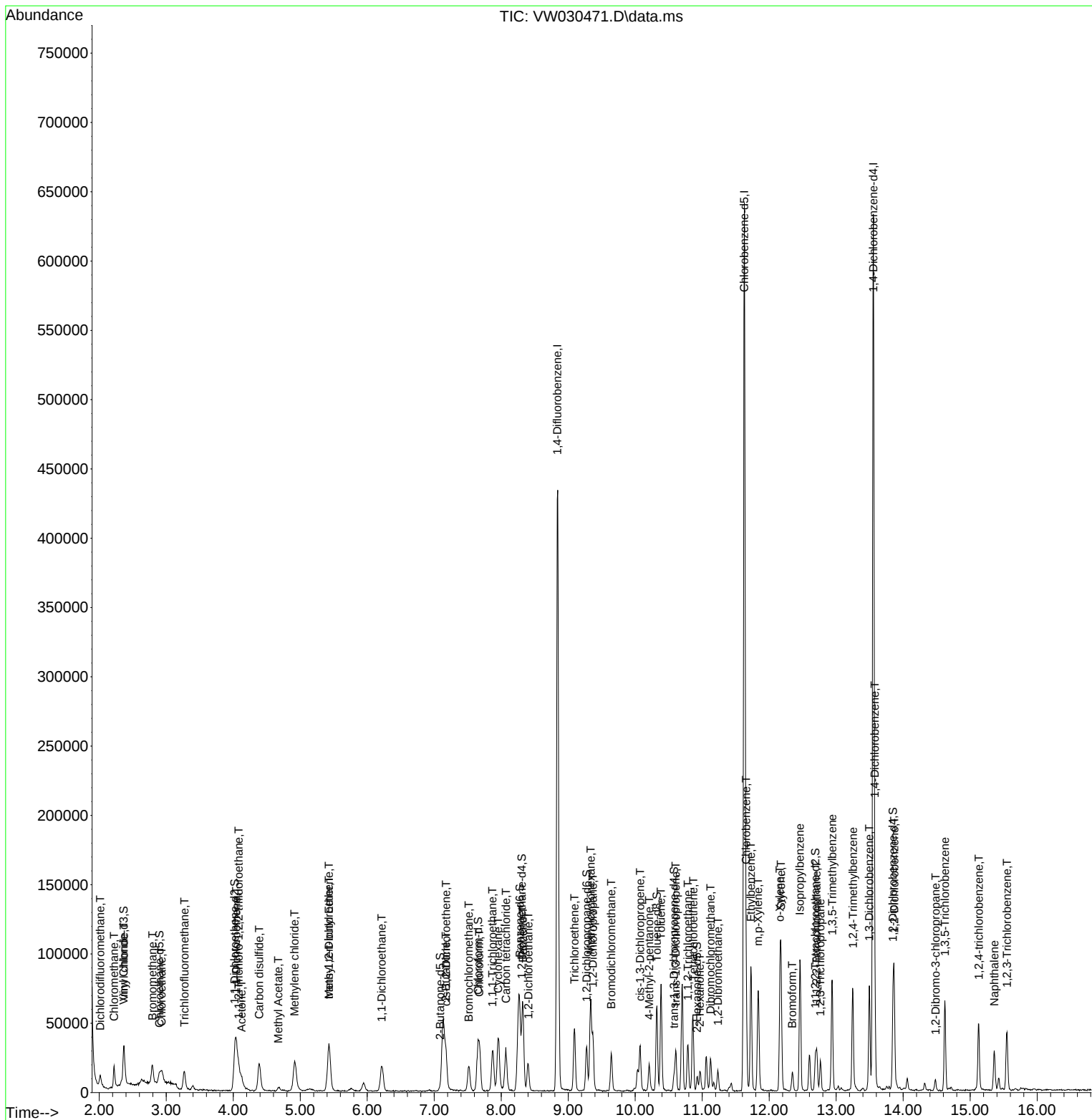
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 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

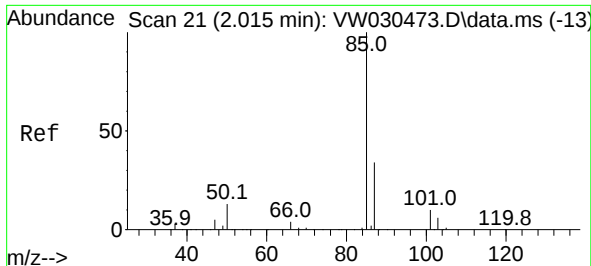
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	9957	2.618	ug/L	97
46) Tetrachloroethene	10.867	164	10903	2.522	ug/L	98
48) 2-Hexanone	10.965	43	8576	4.148	ug/L	94
49) Dibromochloromethane	11.123	129	11250	2.651	ug/L	89
50) 1,2-Dibromoethane	11.233	107	8974	2.529	ug/L #	96
51) Chlorobenzene	11.654	112	38184	2.639	ug/L	98
52) Ethylbenzene	11.727	91	60549	2.361	ug/L	98
53) m,p-Xylene	11.837	106	21865	2.275	ug/L	94
54) o-Xylene	12.160	106	19908	2.241	ug/L	99
55) Styrene	12.178	104	32789	2.159	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	11733	2.736	ug/L #	98
59) Bromoform	12.343	173	5698	2.586	ug/L	98
60) Isopropylbenzene	12.458	105	54052	2.225	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	8623	2.825	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	39591	2.066	ug/L	97
63) 1,2,4-Trimethylbenzene	13.251	105	39884	2.126	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	27586	2.609	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	28868	2.644	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	24420	2.625	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	2108	3.097	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	18223	2.614	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	14646	2.609	ug/L	95
71) Naphthalene	15.360	128	22382	2.308	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	12473	2.563	ug/L	99

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

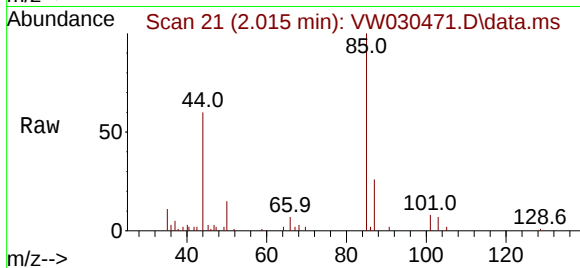
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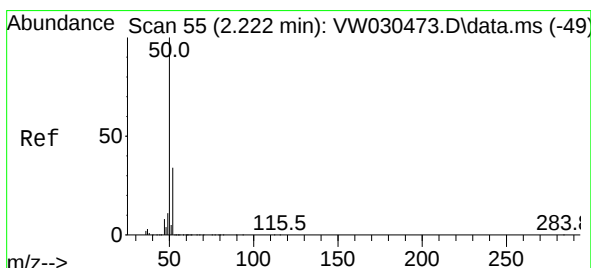
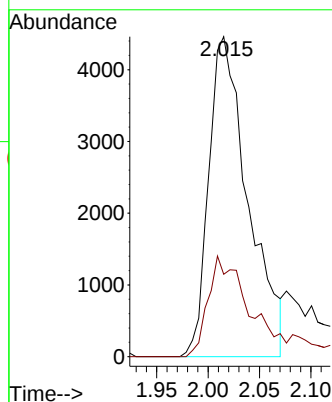
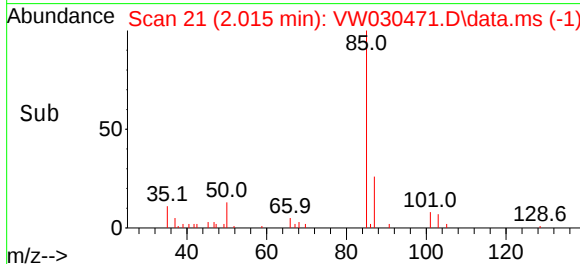


#2
Dichlorodifluoromethane
Concen: 2.606 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030471.D
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MSVOA_W
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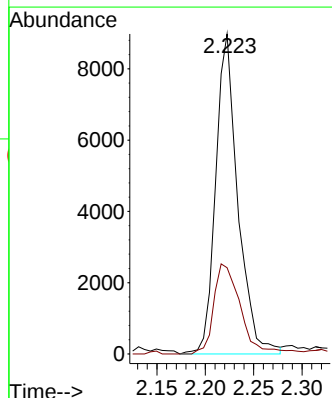
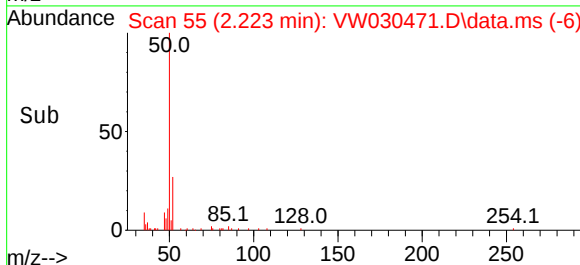
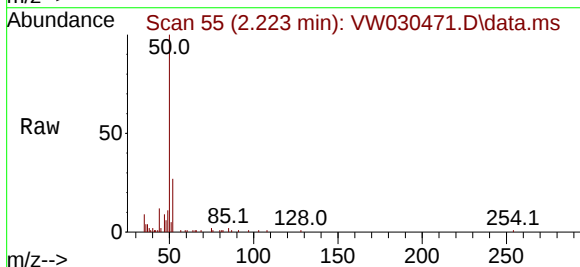


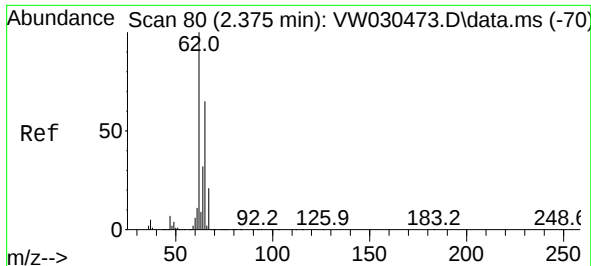
Tgt Ion: 85 Resp: 11869
Ion Ratio Lower Upper
85 100
87 13.7 23.8 35.6#



#3
Chloromethane
Concen: 2.706 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

Tgt Ion: 50 Resp: 14322
Ion Ratio Lower Upper
50 100
52 27.0 23.7 43.9

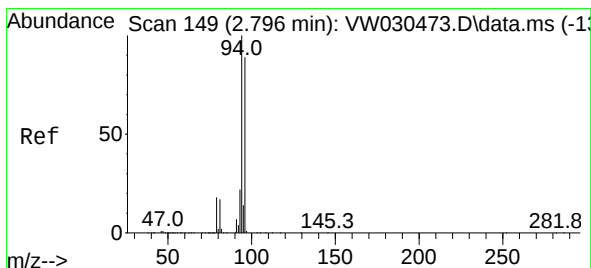
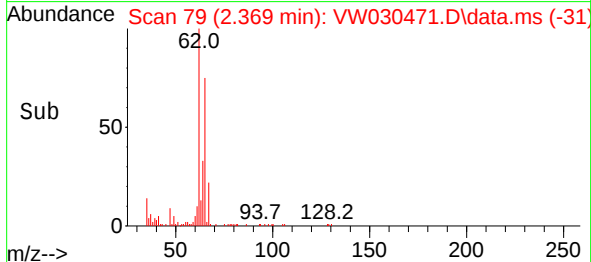
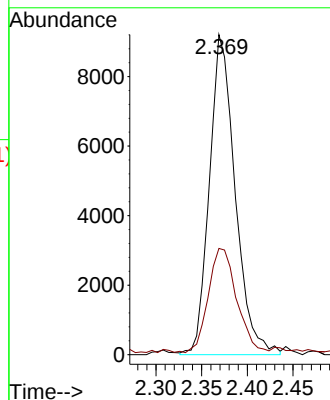
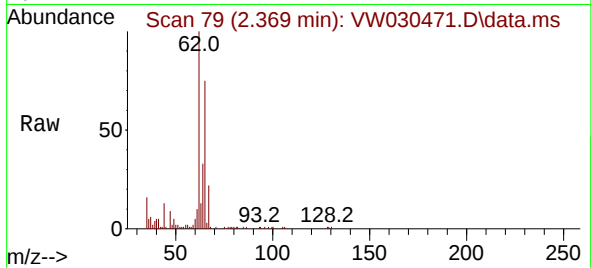




#5
 Vinyl chloride
 Concen: 2.773 ug/L
 RT: 2.369 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VW030471.D
 Acq: 09 Oct 2024 13:48

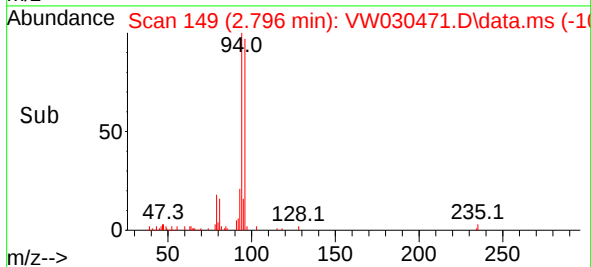
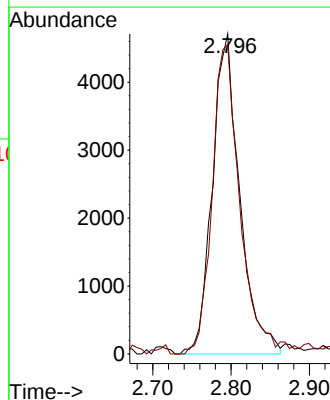
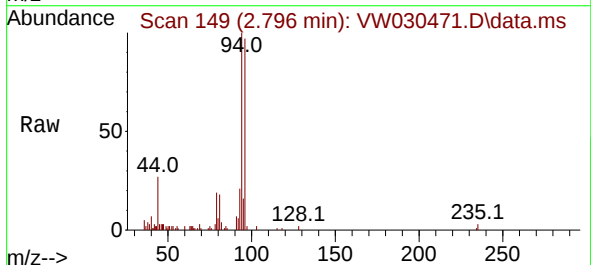
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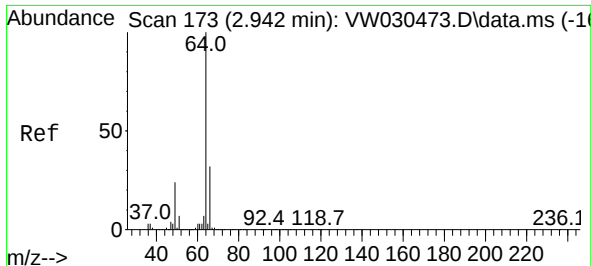
Tgt Ion: 62 Resp: 18049
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.6 42.0



#6
 Bromomethane
 Concen: 2.670 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW030471.D
 Acq: 09 Oct 2024 13:48

Tgt Ion: 94 Resp: 11440
 Ion Ratio Lower Upper
 94 100
 96 96.8 62.6 116.2

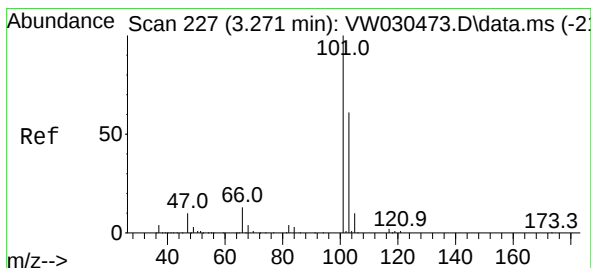
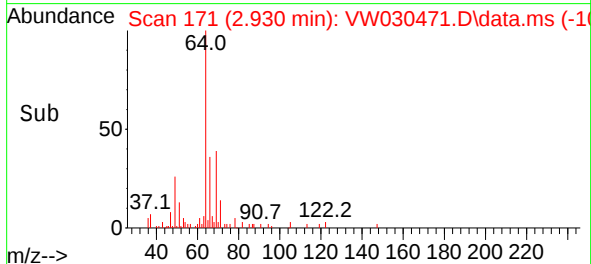
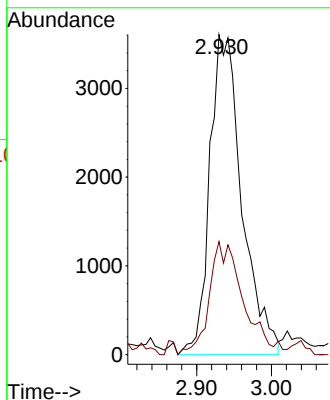
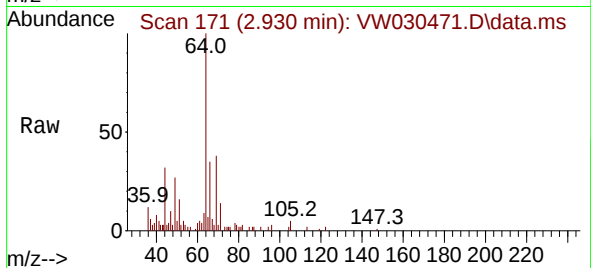




#8
Chloroethane
Concen: 2.712 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.012 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

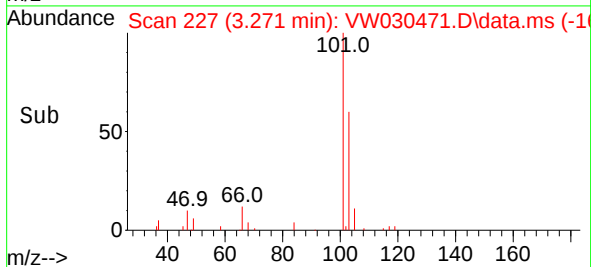
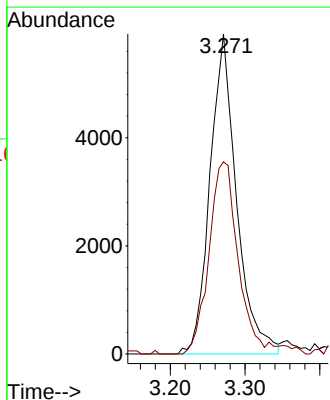
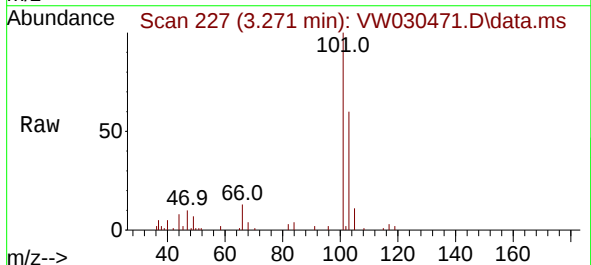
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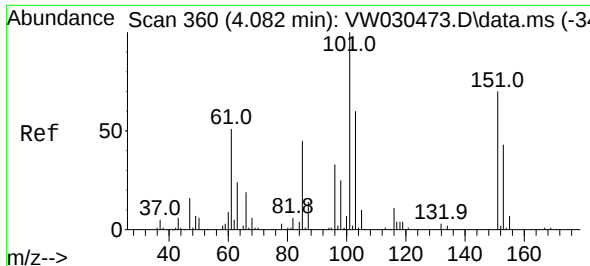
Tgt Ion: 64 Resp: 10791
Ion Ratio Lower Upper
64 100
66 35.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 2.507 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

Tgt Ion:101 Resp: 14605
Ion Ratio Lower Upper
101 100
103 65.0 51.1 76.7





#10

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

Concen: 2.217 ug/L

RT: 4.082 min Scan# 360

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

ClientSampleId :

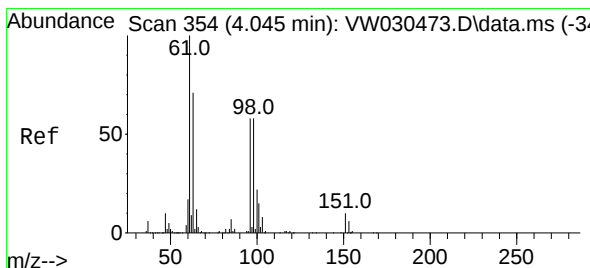
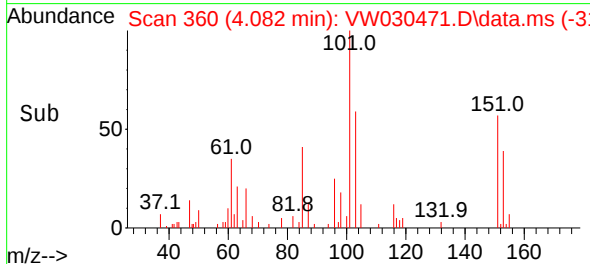
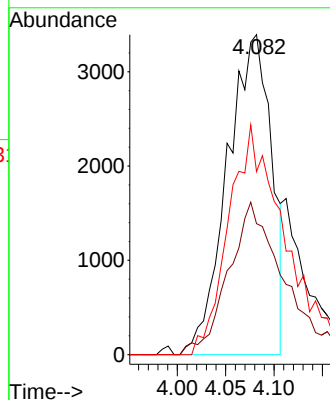
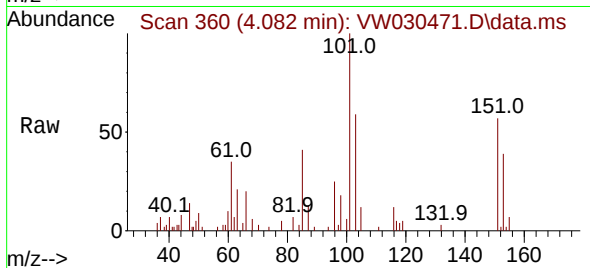
Tgt Ion:101 Resp: 10860

Ion Ratio Lower Upper

101 100

85 55.9 35.7 53.5#

151 59.5 56.1 84.1



#12

1,1-Dichloroethene

Concen: 2.457 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

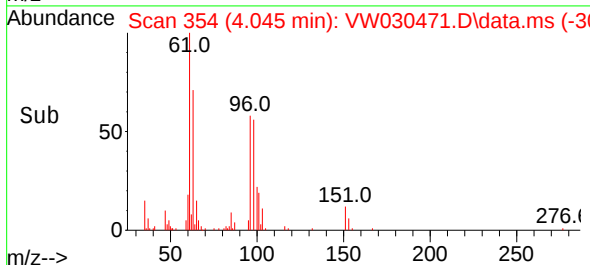
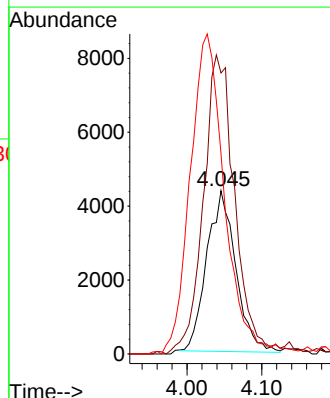
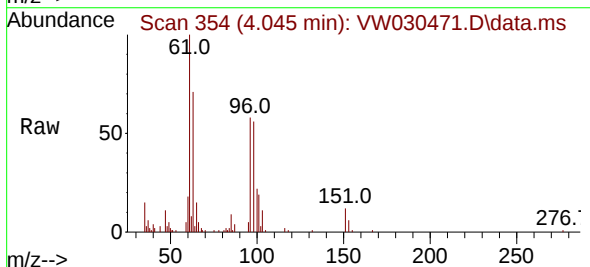
Tgt Ion: 96 Resp: 11752

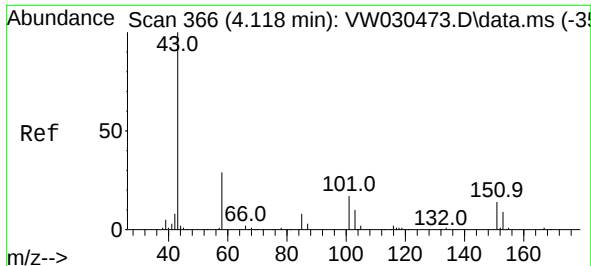
Ion Ratio Lower Upper

96 100

61 172.1 121.3 225.3

63 122.8 87.6 162.8

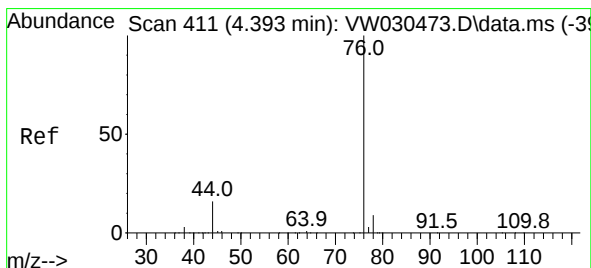
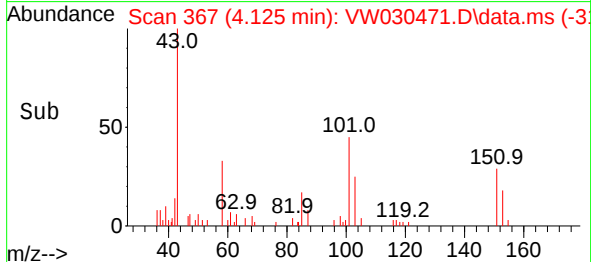
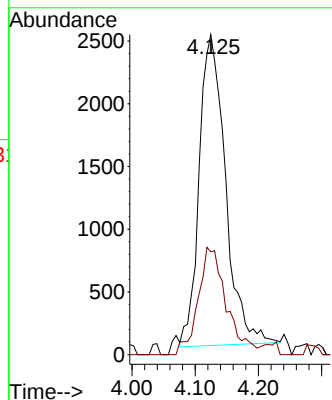
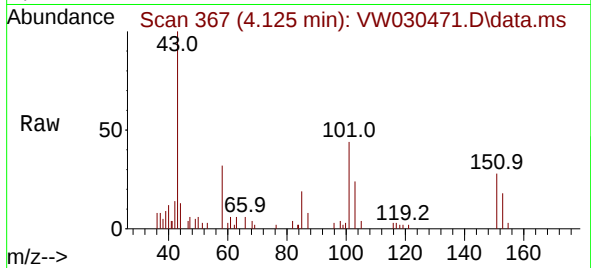




#13
Acetone
Concen: 4.937 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

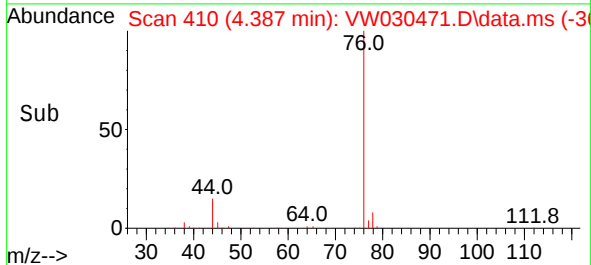
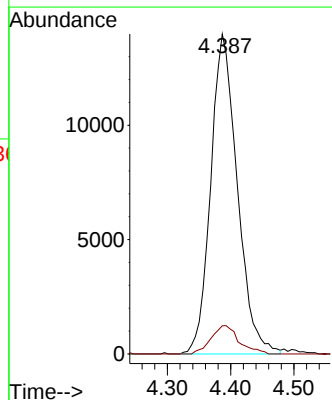
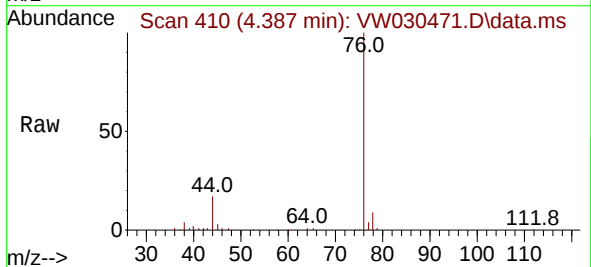
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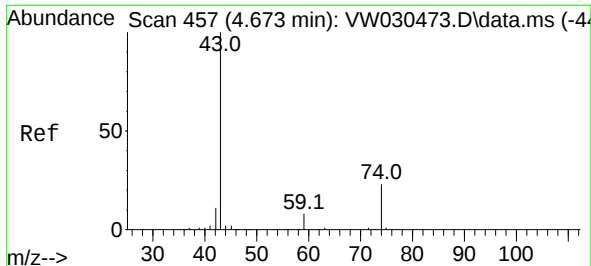
Tgt Ion: 43 Resp: 7164
Ion Ratio Lower Upper
43 100
58 28.5 0.0 57.6



#14
Carbon disulfide
Concen: 2.616 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

Tgt Ion: 76 Resp: 40851
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

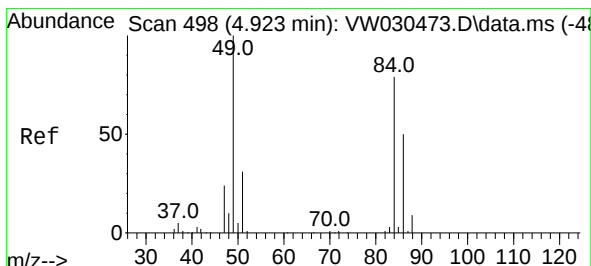
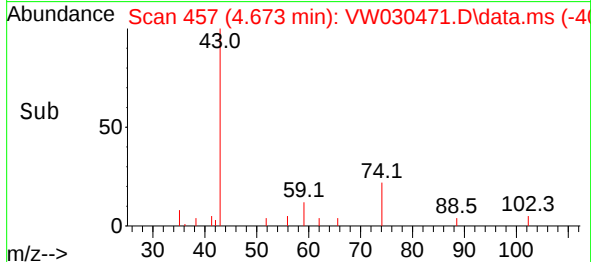
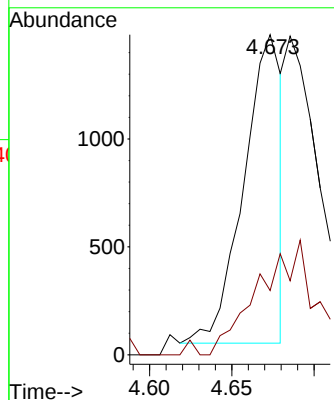
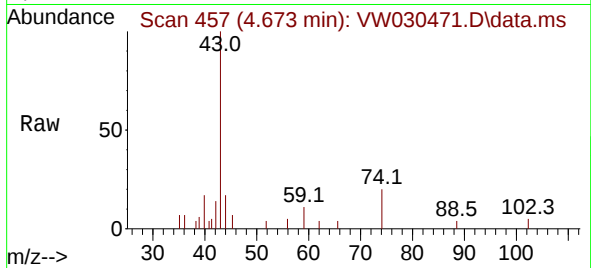




#15
Methyl Acetate
Concen: 1.238 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

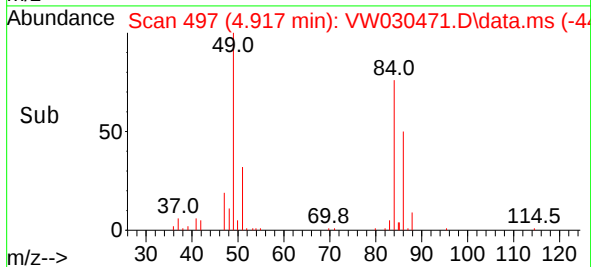
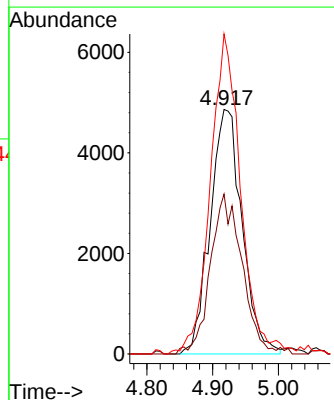
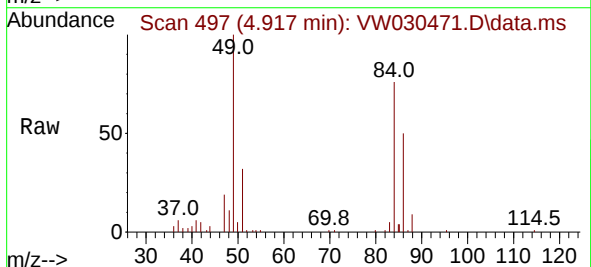
Instrument :
MSVOA_W
ClientSampleId :

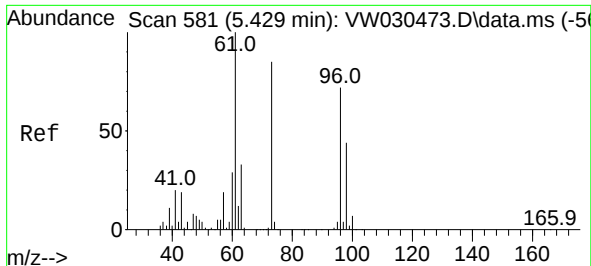
Tgt Ion: 43 Resp: 2288
Ion Ratio Lower Upper
43 100
74 60.9 19.3 28.9#



#16
Methylene chloride
Concen: 3.045 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

Tgt Ion: 84 Resp: 16408
Ion Ratio Lower Upper
84 100
86 65.4 43.8 81.3
49 130.9 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 2.516 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

ClientSampleId :

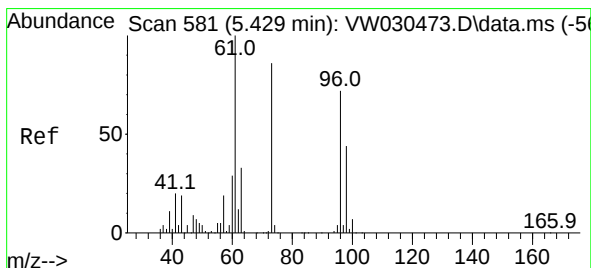
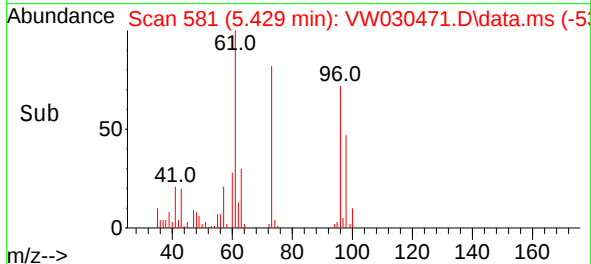
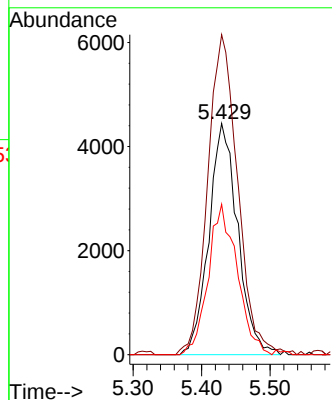
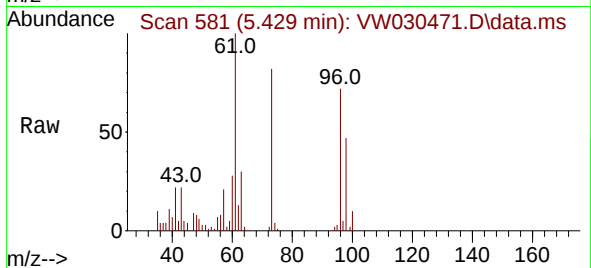
Tgt Ion: 96 Resp: 12985

Ion Ratio Lower Upper

96 100

61 138.4 96.9 179.9

98 65.1 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 2.420 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

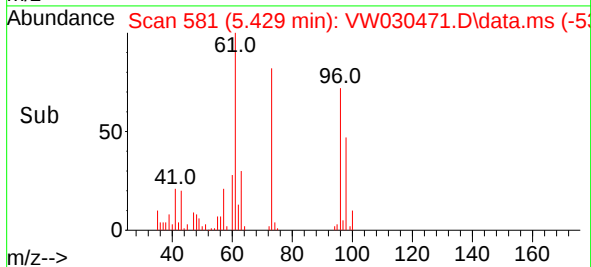
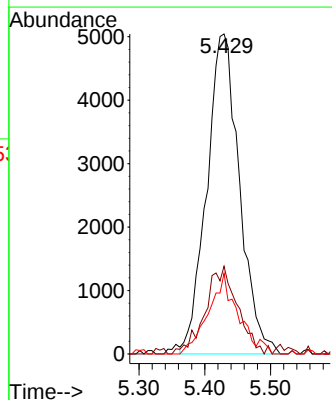
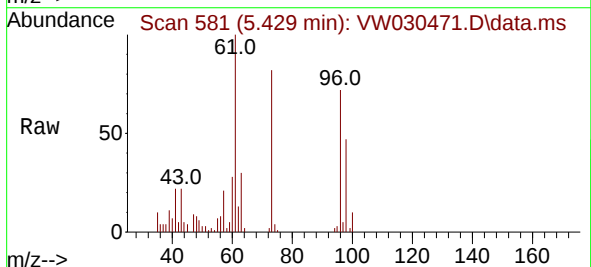
Tgt Ion: 73 Resp: 17480

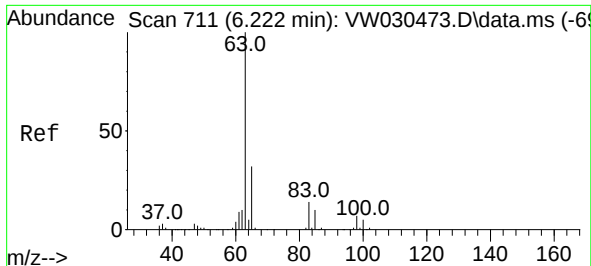
Ion Ratio Lower Upper

73 100

43 11.0 18.1 27.1#

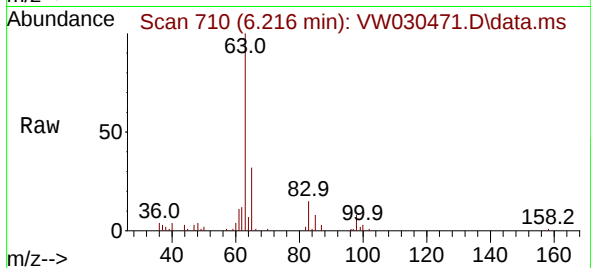
57 19.1 17.7 26.5



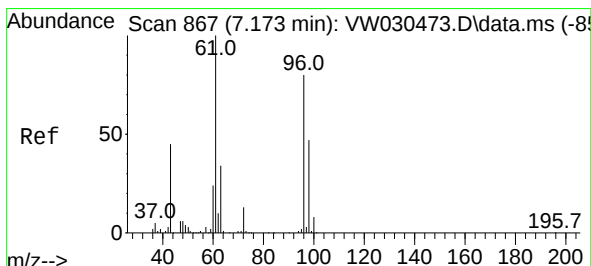
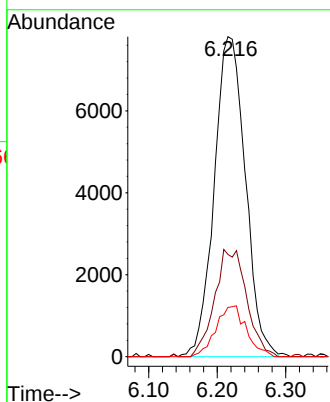
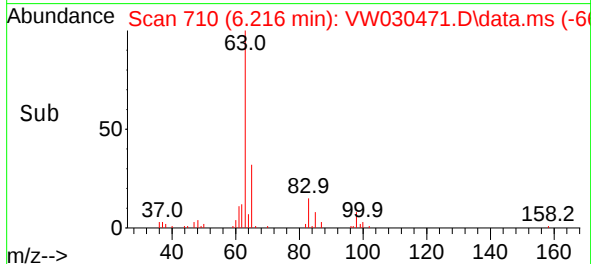


#19
1,1-Dichloroethane
Concen: 2.570 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

Instrument :
MSVOA_W
ClientSampleId :

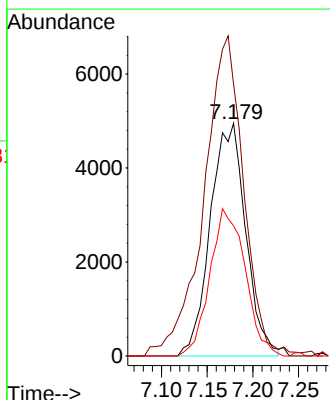
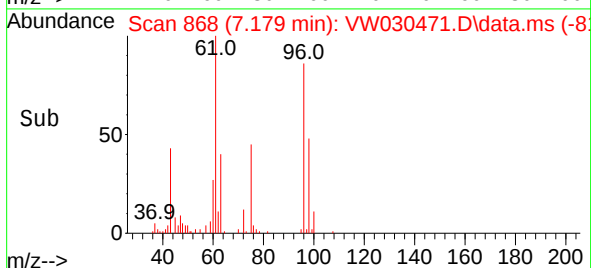
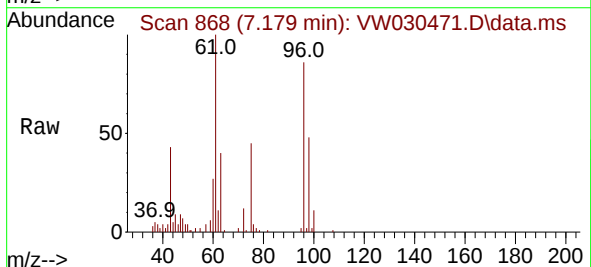


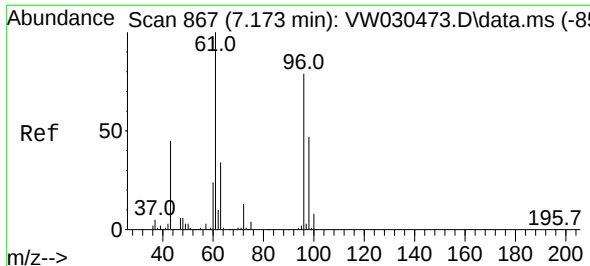
Tgt Ion: 63 Resp: 24653
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.9
83 15.4 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 2.420 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

Tgt Ion: 96 Resp: 13319
Ion Ratio Lower Upper
96 100
61 116.8 88.3 163.9
98 56.0 41.3 76.7





#22

2-Butanone

Concen: 5.024 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

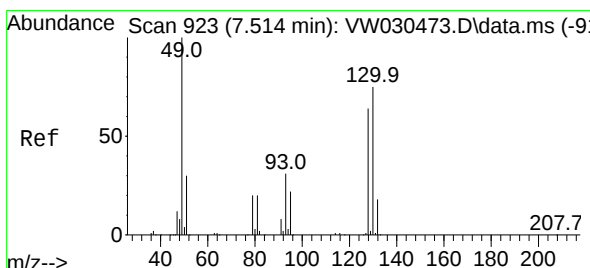
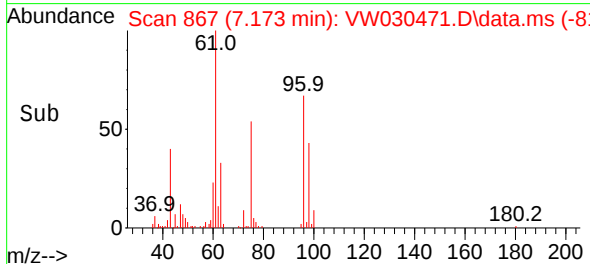
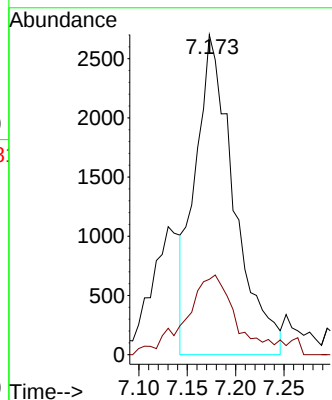
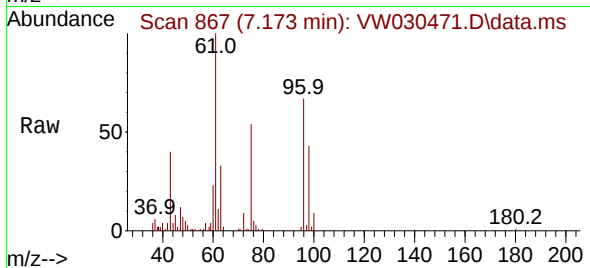
ClientSampleId :

Tgt Ion: 43 Resp: 7570

Ion Ratio Lower Upper

43 100

72 29.0 14.4 43.0



#23

Bromochloromethane

Concen: 1.578 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Tgt Ion: 128 Resp: 3801

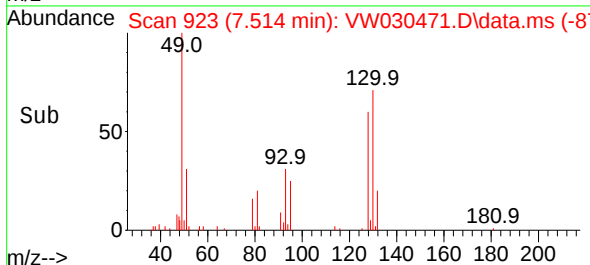
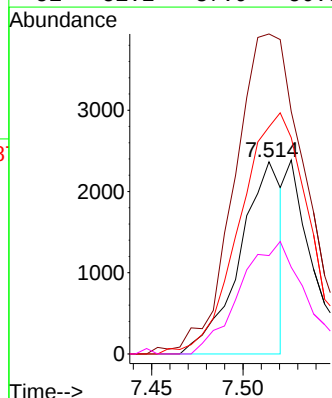
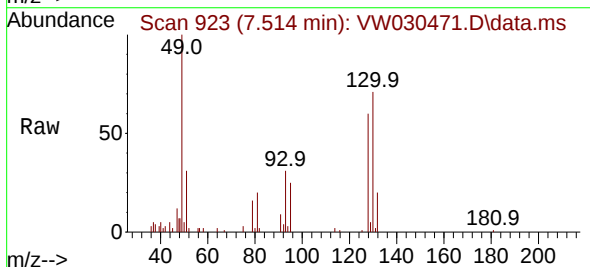
Ion Ratio Lower Upper

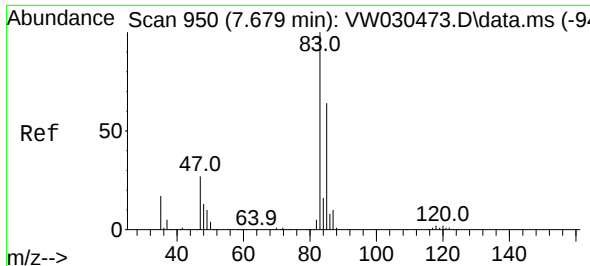
128 100

49 166.6 110.1 204.5

130 118.2 82.9 153.9

51 51.2 37.9 56.9





#25

Chloroform

Concen: 2.636 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

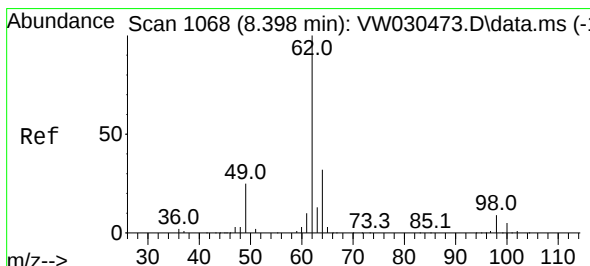
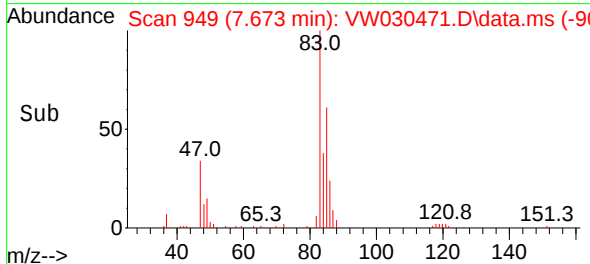
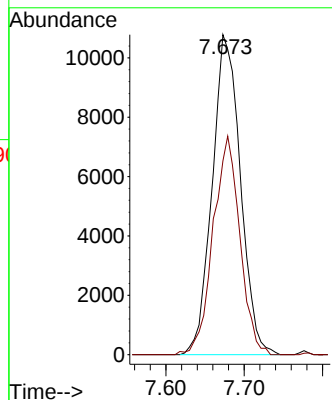
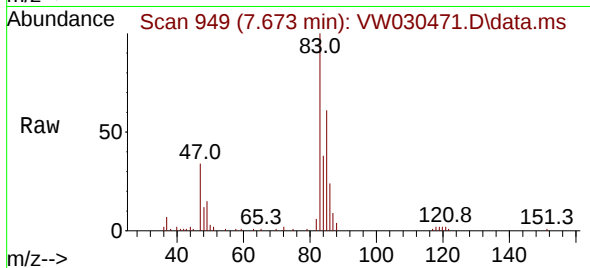
ClientSampleId :

Tgt Ion: 83 Resp: 27023

Ion Ratio Lower Upper

83 100

85 60.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 2.678 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW030471.D

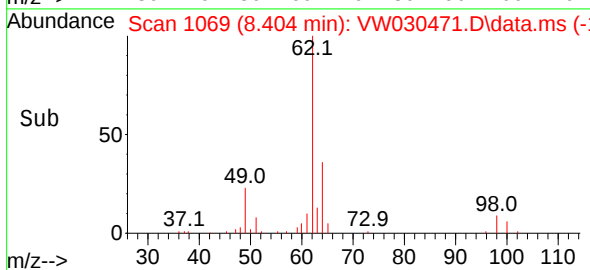
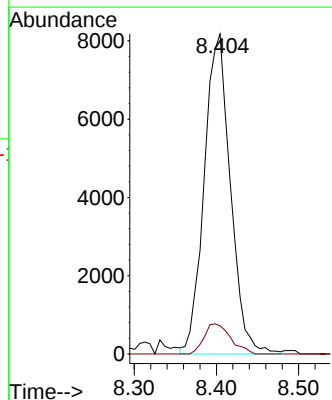
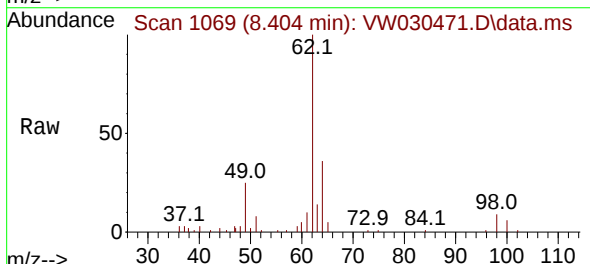
Acq: 09 Oct 2024 13:48

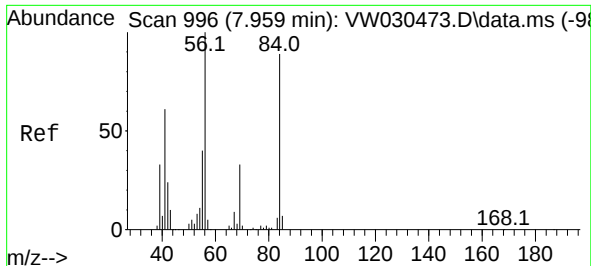
Tgt Ion: 62 Resp: 18112

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 2.265 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

ClientSampleId :

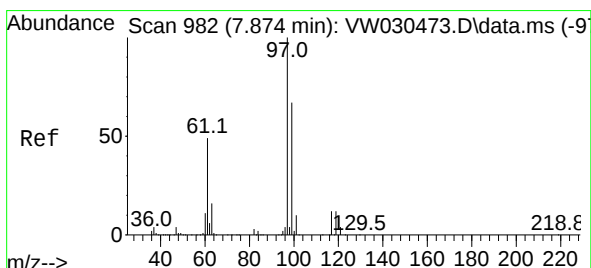
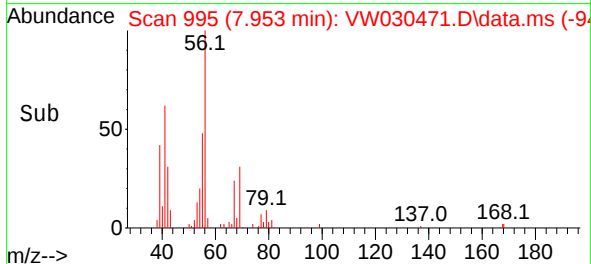
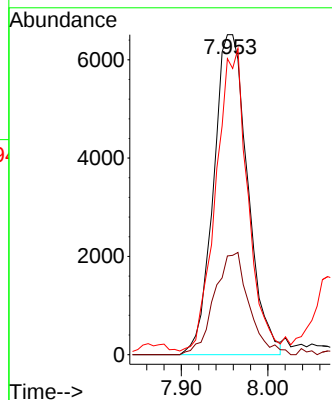
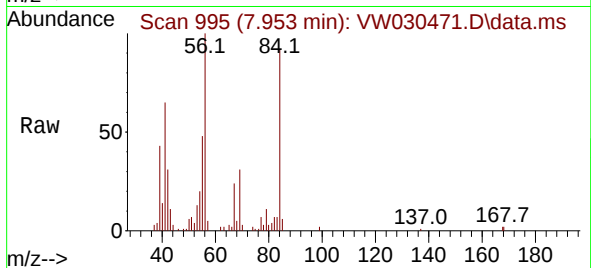
Tgt Ion: 56 Resp: 17850

Ion Ratio Lower Upper

56 100

69 32.3 25.4 38.0

84 89.5 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 2.678 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

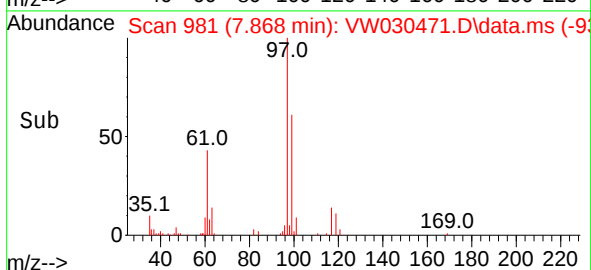
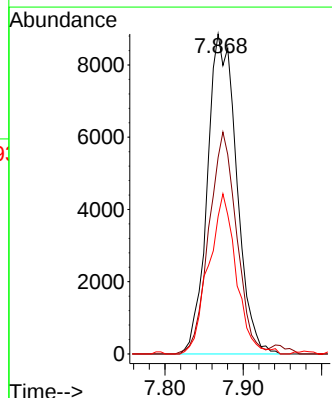
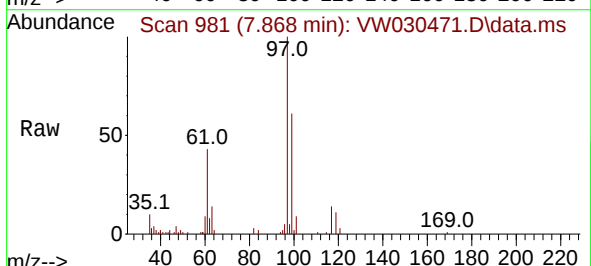
Tgt Ion: 97 Resp: 23017

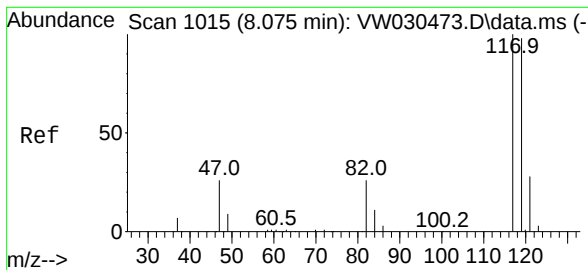
Ion Ratio Lower Upper

97 100

99 65.5 52.3 78.5

61 47.2 38.5 57.7

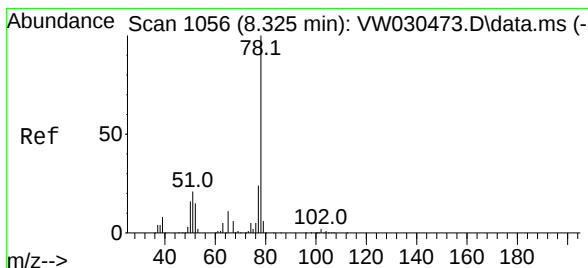
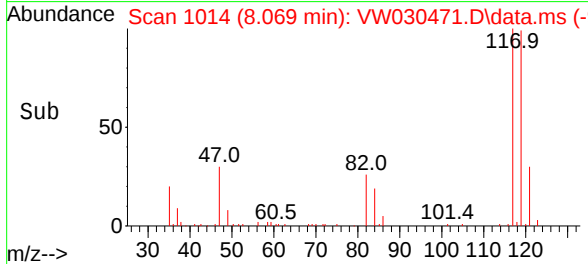
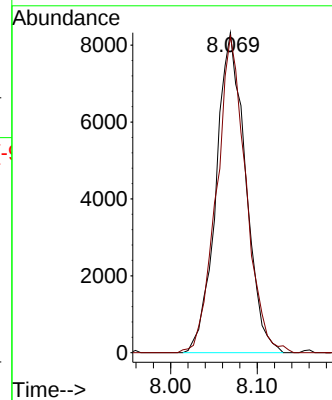
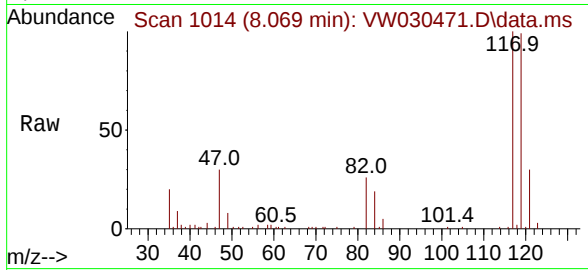




#31
Carbon tetrachloride
Concen: 2.569 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

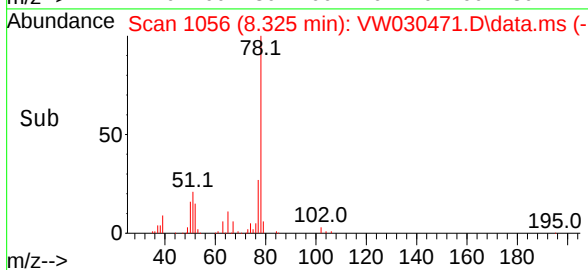
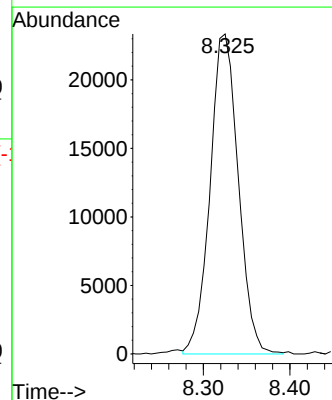
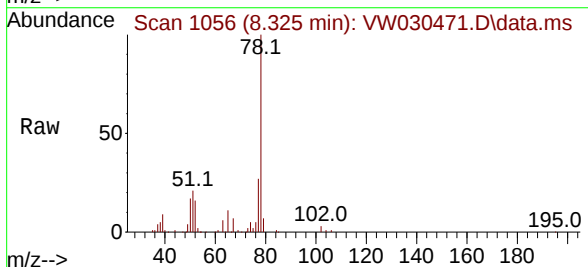
Instrument :
MSVOA_W
ClientSampleId :

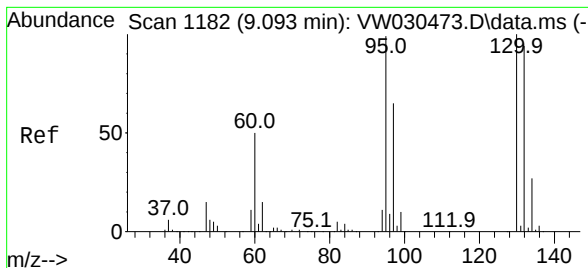
Tgt Ion:117 Resp: 19725
Ion Ratio Lower Upper
117 100
119 98.3 77.8 116.8



#33
Benzene
Concen: 2.512 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

Tgt Ion: 78 Resp: 52919





#34

Trichloroethene

Concen: 2.599 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 15235

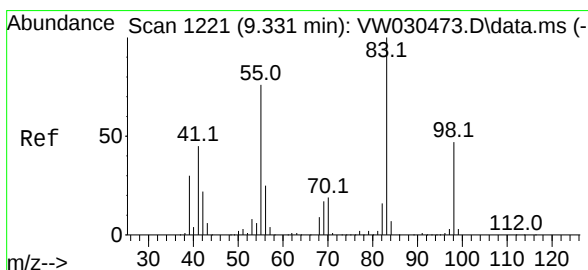
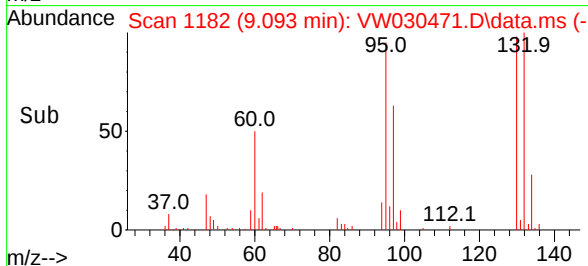
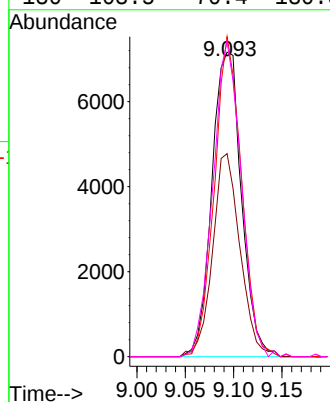
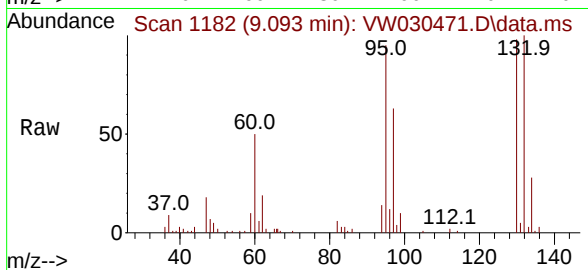
Ion Ratio Lower Upper

95 100

97 66.7 45.9 85.3

132 105.1 66.4 123.2

130 103.5 70.4 130.8



#35

Methylcyclohexane

Concen: 2.343 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

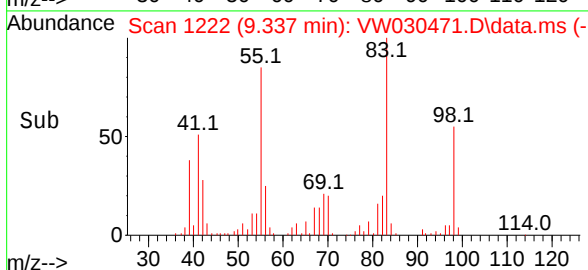
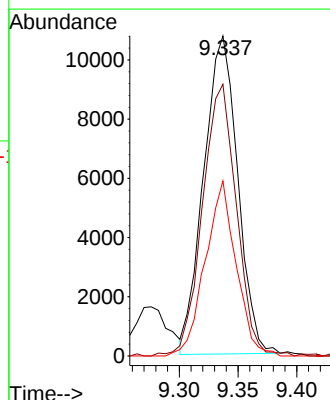
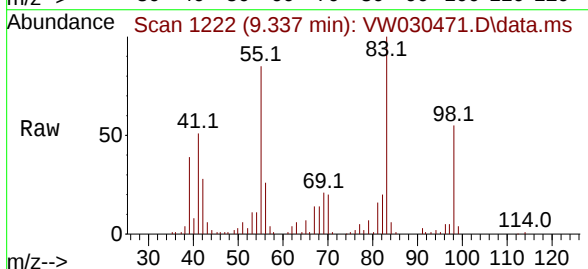
Tgt Ion: 83 Resp: 21611

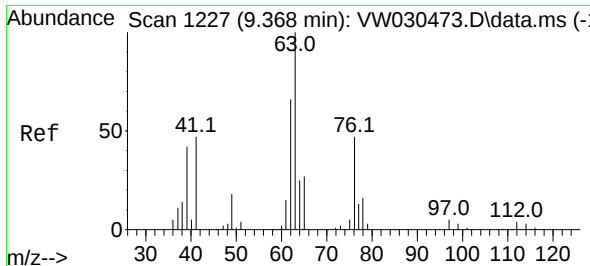
Ion Ratio Lower Upper

83 100

55 84.6 61.8 92.8

98 50.0 39.3 58.9





#37

1,2-Dichloropropane

Concen: 2.545 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

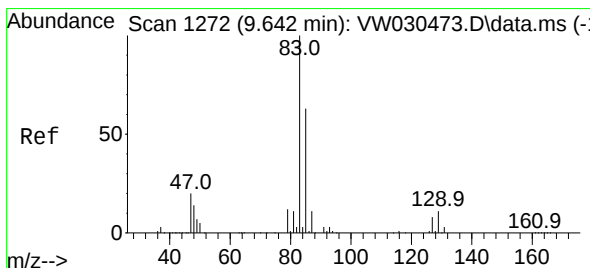
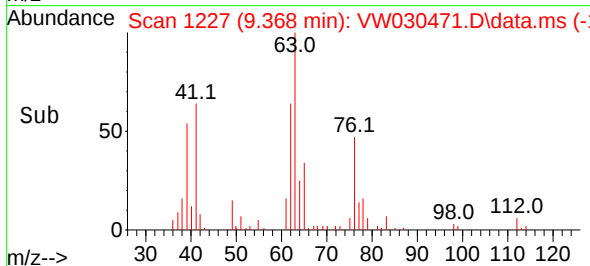
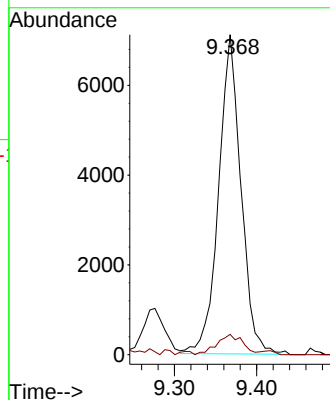
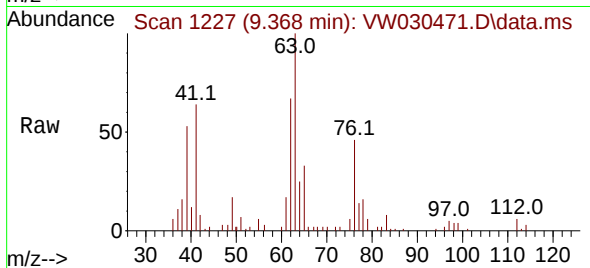
ClientSampleId :

Tgt Ion: 63 Resp: 13411

Ion Ratio Lower Upper

63 100

112 7.3 3.7 5.5#



#38

Bromodichloromethane

Concen: 2.553 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

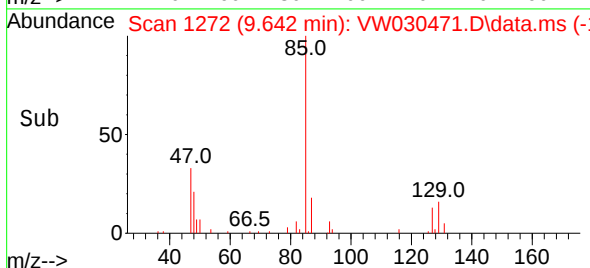
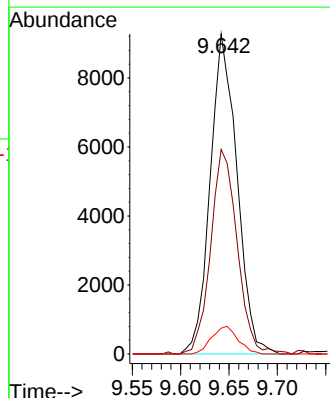
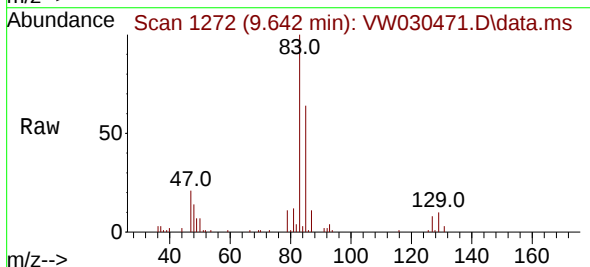
Tgt Ion: 83 Resp: 17873

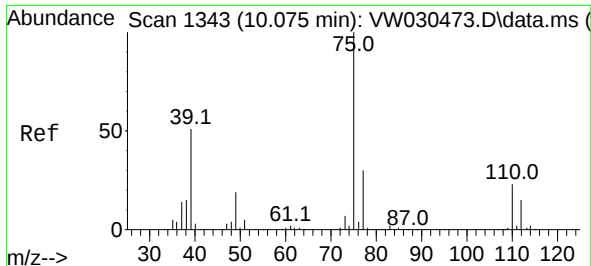
Ion Ratio Lower Upper

83 100

85 63.9 44.2 82.0

127 8.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 2.276 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

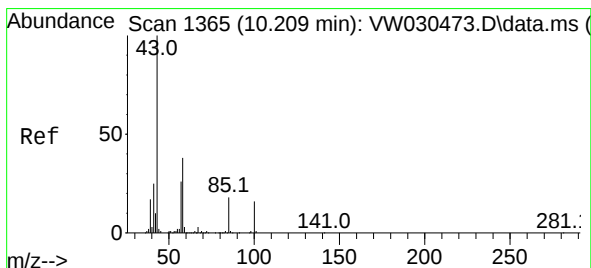
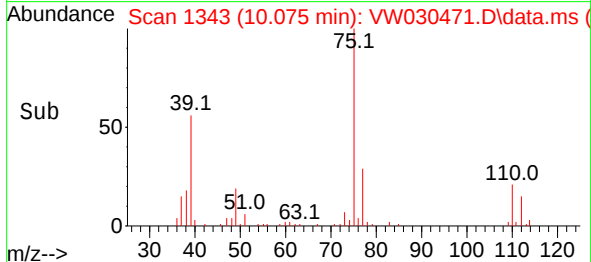
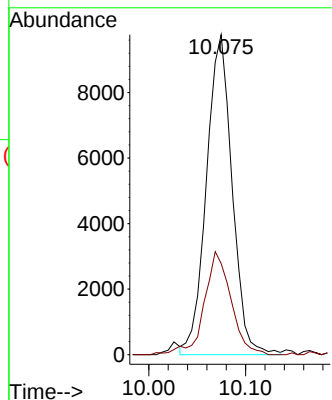
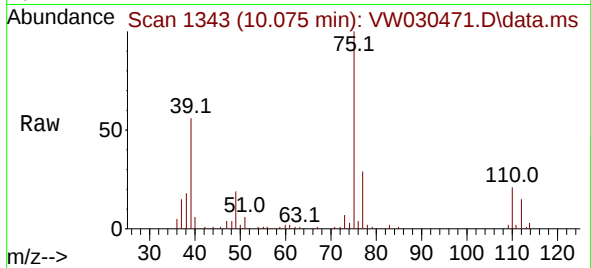
ClientSampleId :

Tgt Ion: 75 Resp: 18063

Ion Ratio Lower Upper

75 100

77 28.5 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 4.776 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

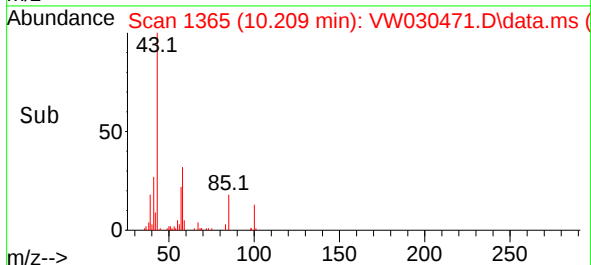
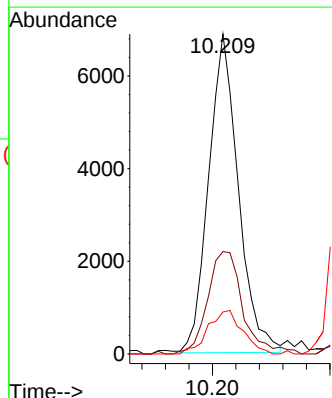
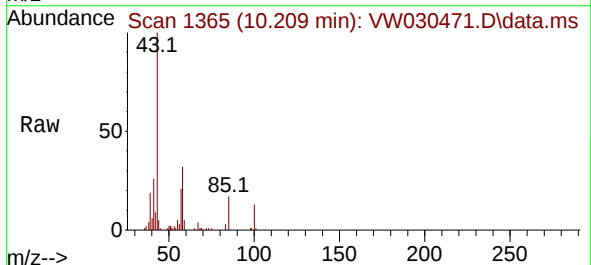
Tgt Ion: 43 Resp: 12074

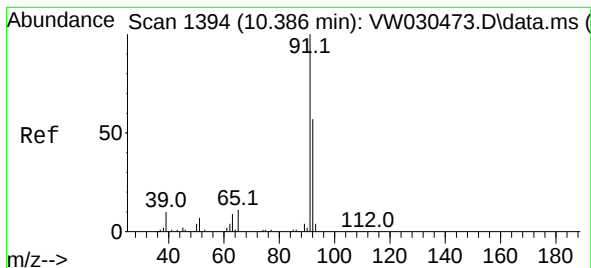
Ion Ratio Lower Upper

43 100

58 37.9 31.4 47.2

100 16.0 13.1 19.7





#42

Toluene

Concen: 2.352 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

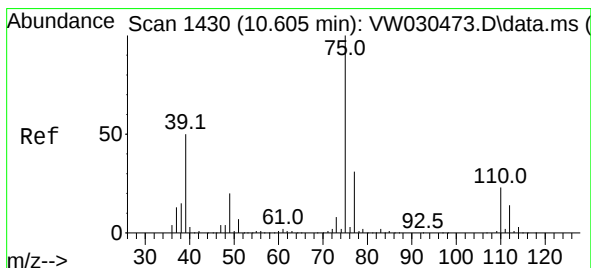
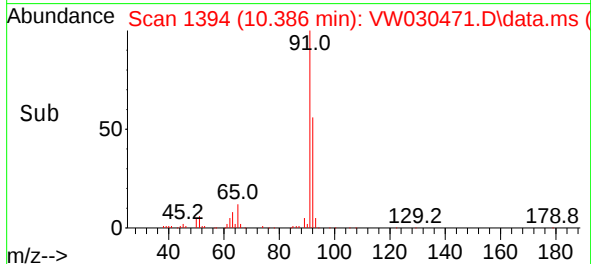
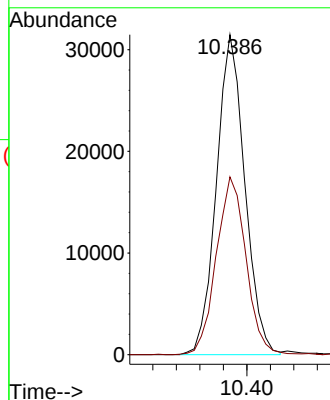
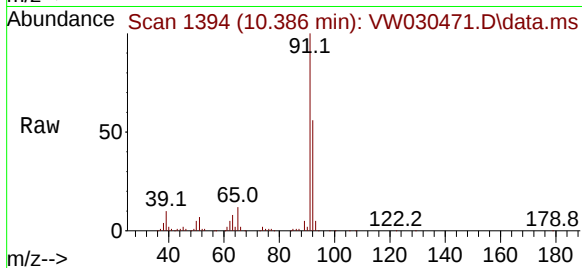
ClientSampleId :

Tgt Ion: 91 Resp: 52876

Ion Ratio Lower Upper

91 100

92 55.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 2.296 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030471.D

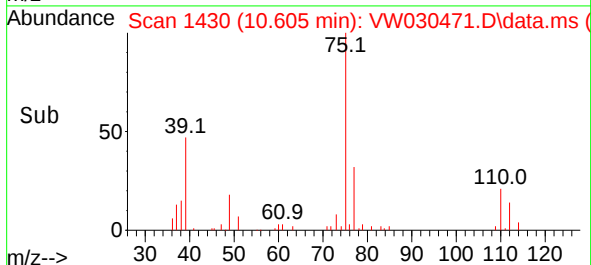
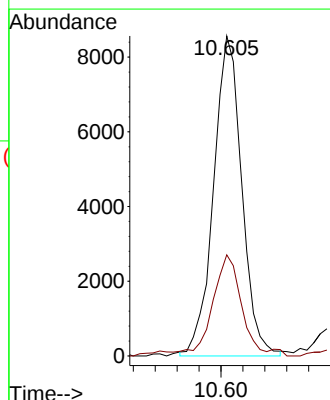
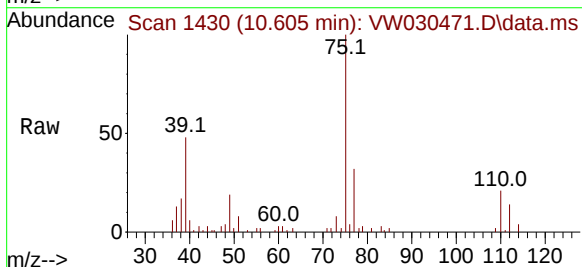
Acq: 09 Oct 2024 13:48

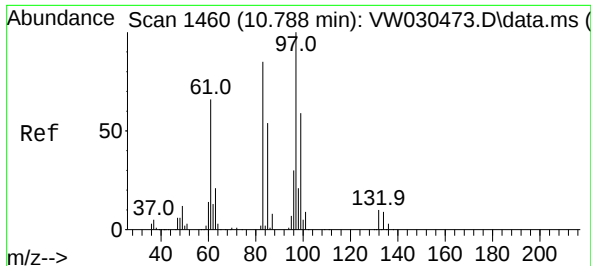
Tgt Ion: 75 Resp: 15318

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 2.618 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 9957

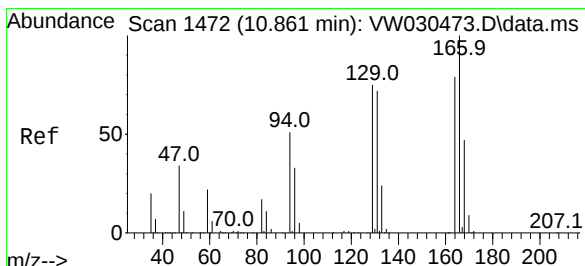
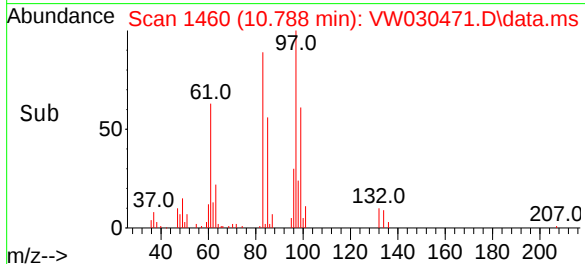
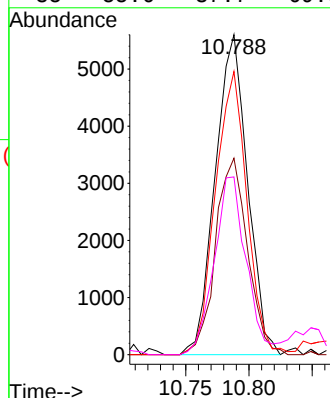
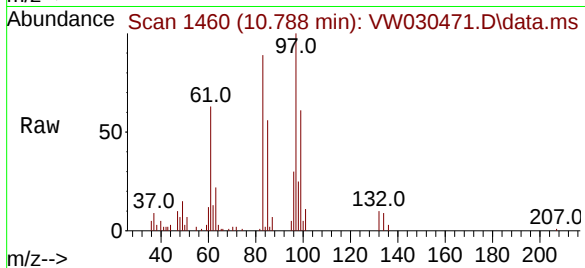
Ion Ratio Lower Upper

97 100

99 61.4 41.2 76.6

83 88.5 59.6 110.6

85 55.6 37.7 69.9



#46

Tetrachloroethene

Concen: 2.522 ug/L

RT: 10.867 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Tgt Ion: 164 Resp: 10903

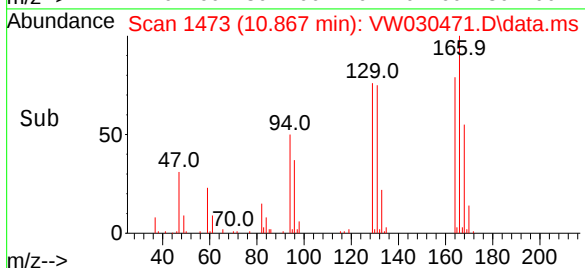
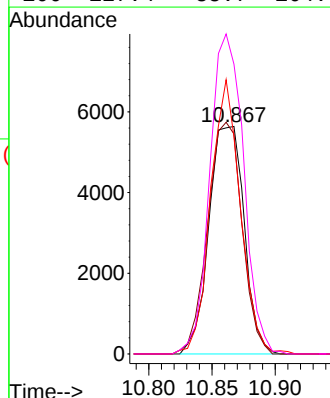
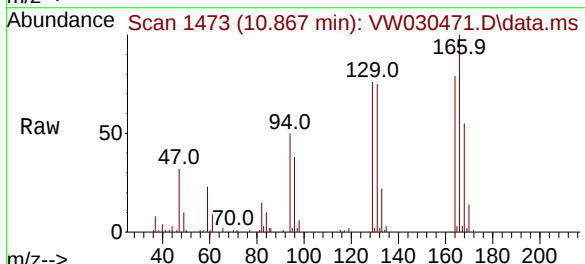
Ion Ratio Lower Upper

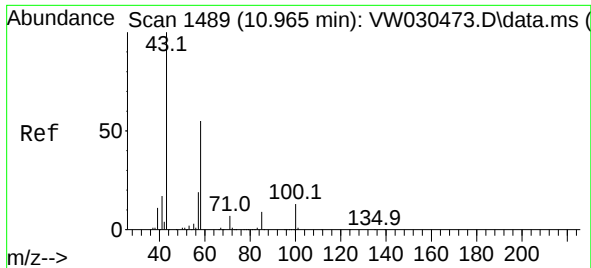
164 100

129 96.7 66.6 123.6

131 95.4 63.7 118.3

166 127.4 88.7 164.7





#48

2-Hexanone

Concen: 4.148 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

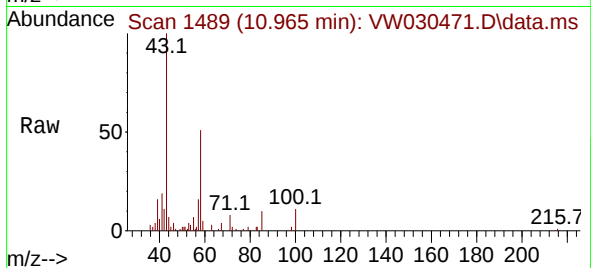
Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 8576

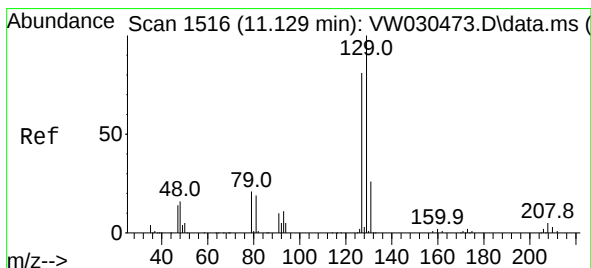
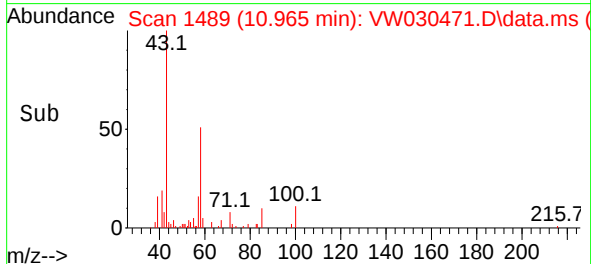
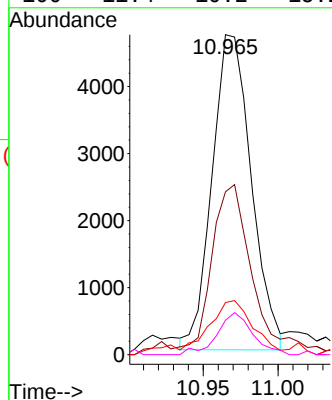
Ion Ratio Lower Upper

43 100

58 49.6 44.6 67.0

57 19.2 15.8 23.8

100 11.4 10.2 15.2



#49

Dibromochloromethane

Concen: 2.651 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW030471.D

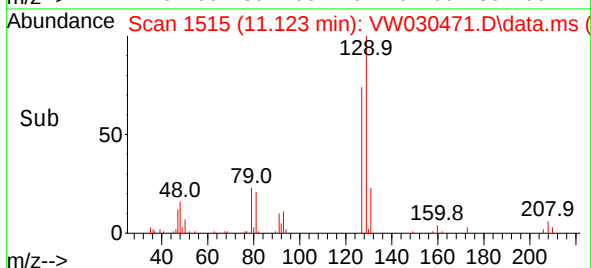
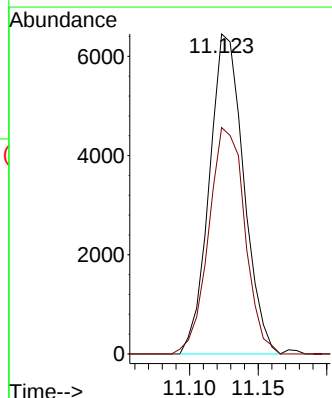
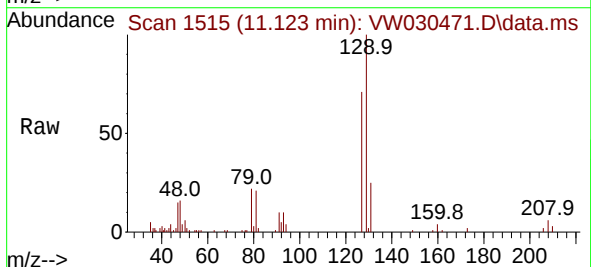
Acq: 09 Oct 2024 13:48

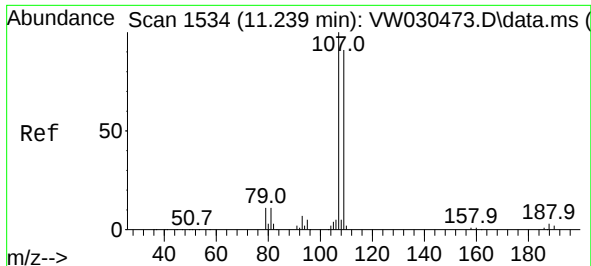
Tgt Ion: 129 Resp: 11250

Ion Ratio Lower Upper

129 100

127 70.7 56.5 104.9





#50

1,2-Dibromoethane

Concen: 2.529 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.006 min

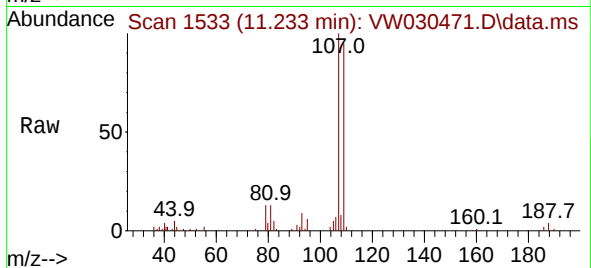
Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

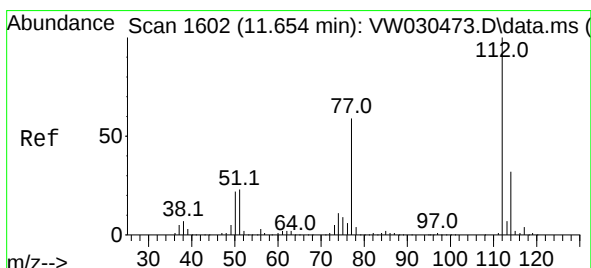
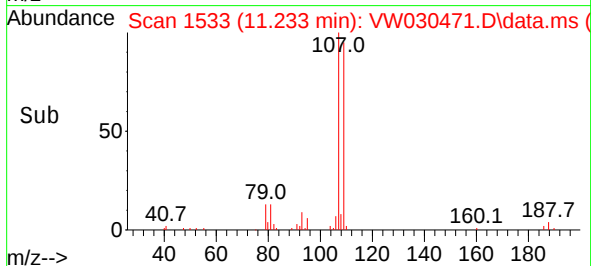
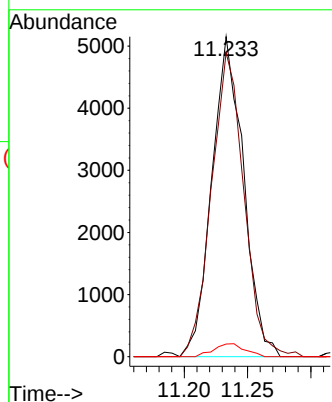
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	8974
Ion Ratio	Lower	Upper	
107	100		
109	95.0	63.8	118.6
188	3.9	2.6	3.8#



#51

Chlorobenzene

Concen: 2.639 ug/L

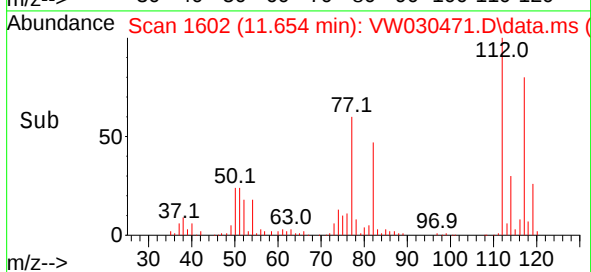
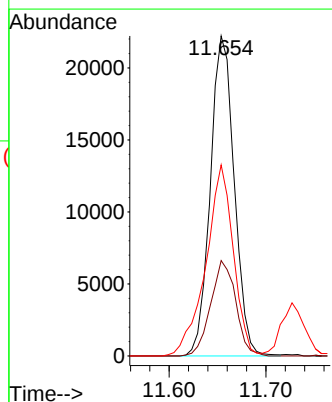
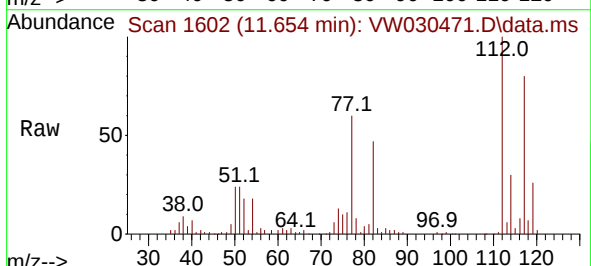
RT: 11.654 min Scan# 1602

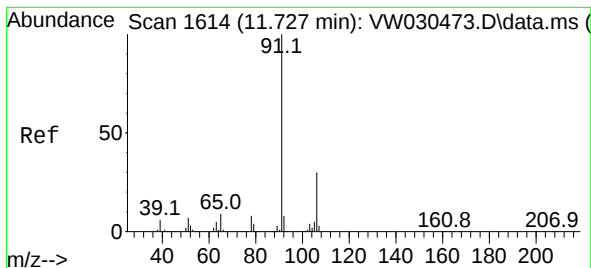
Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Tgt Ion:	112	Resp:	38184
Ion Ratio	Lower	Upper	
112	100		
114	29.8	22.4	41.6
77	59.7	47.1	70.7





#52

Ethylbenzene

Concen: 2.361 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

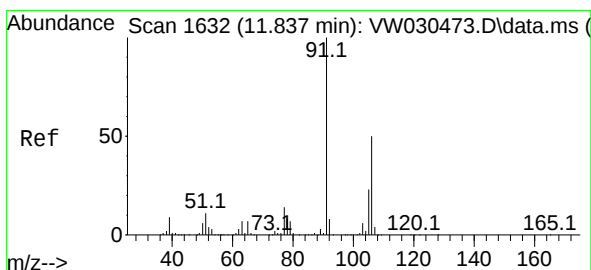
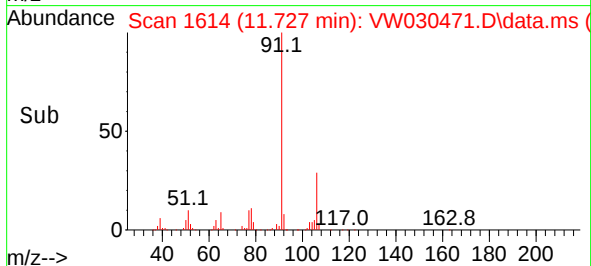
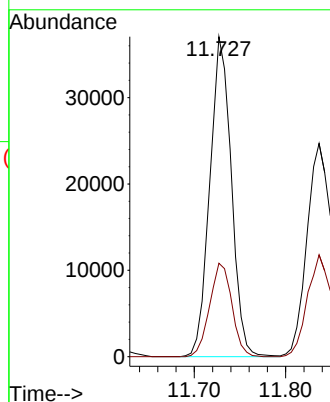
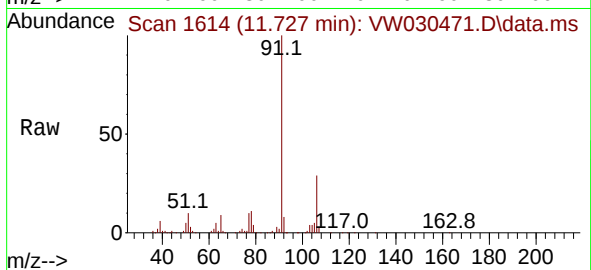
ClientSampleId :

Tgt Ion: 91 Resp: 60549

Ion Ratio Lower Upper

91 100

106 29.2 21.1 39.1



#53

m,p-Xylene

Concen: 2.275 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030471.D

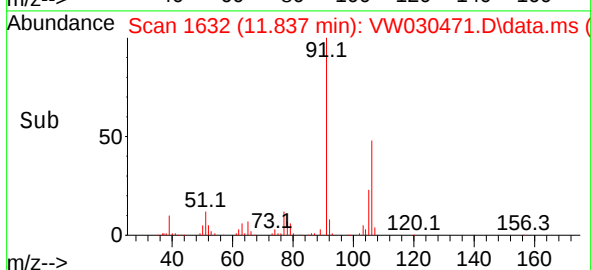
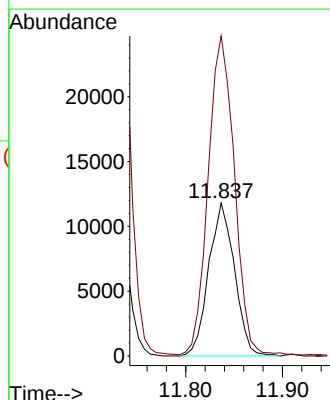
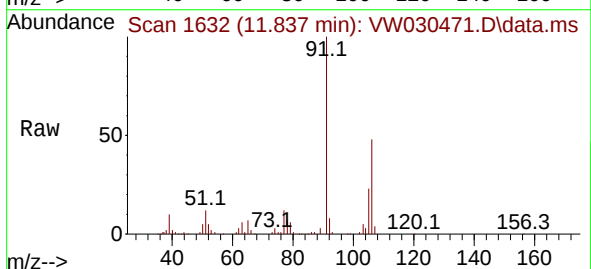
Acq: 09 Oct 2024 13:48

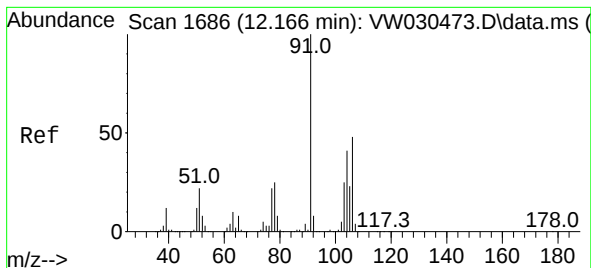
Tgt Ion:106 Resp: 21865

Ion Ratio Lower Upper

106 100

91 209.3 140.6 261.2





#54

o-Xylene

Concen: 2.241 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

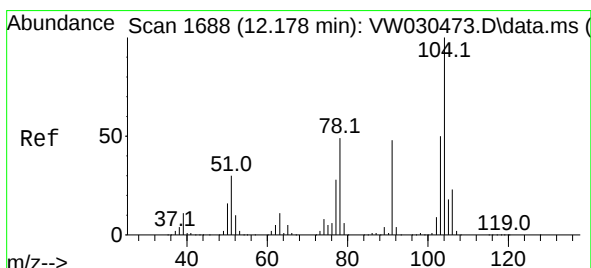
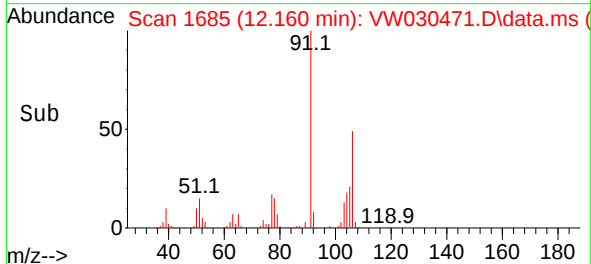
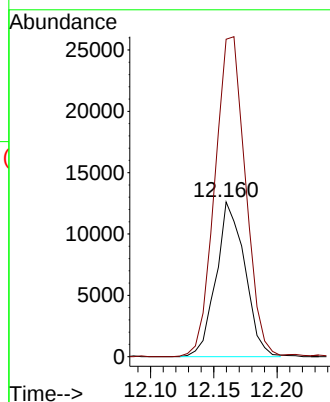
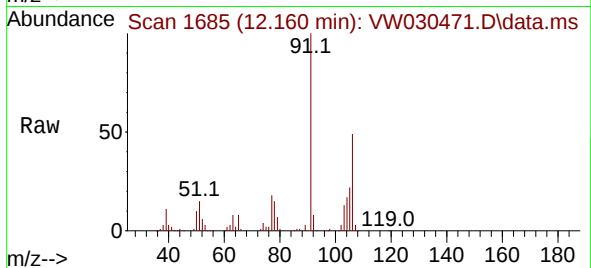
ClientSampleId :

Tgt Ion:106 Resp: 19908

Ion Ratio Lower Upper

106 100

91 205.1 144.5 268.4



#55

Styrene

Concen: 2.159 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030471.D

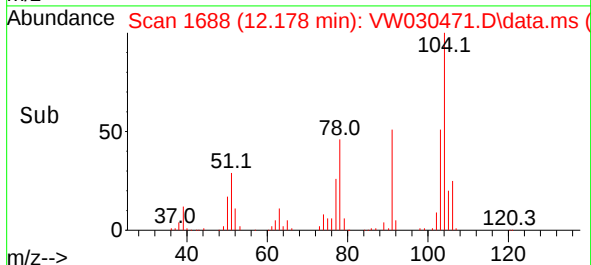
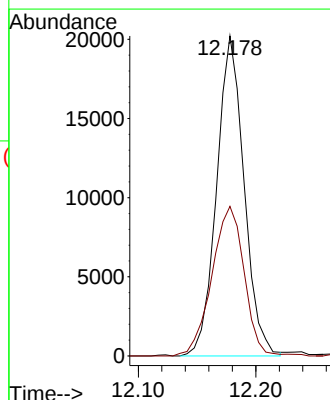
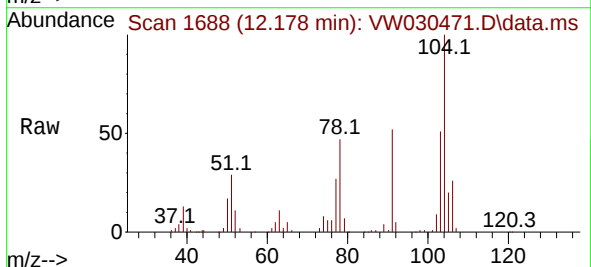
Acq: 09 Oct 2024 13:48

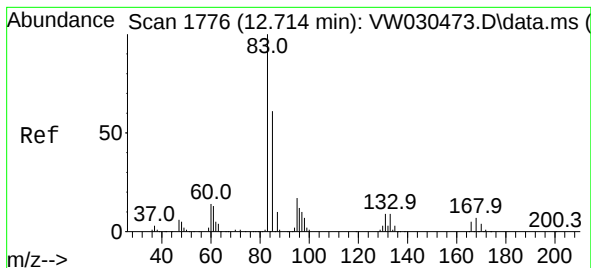
Tgt Ion:104 Resp: 32789

Ion Ratio Lower Upper

104 100

78 46.7 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 2.736 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

ClientSampleId :

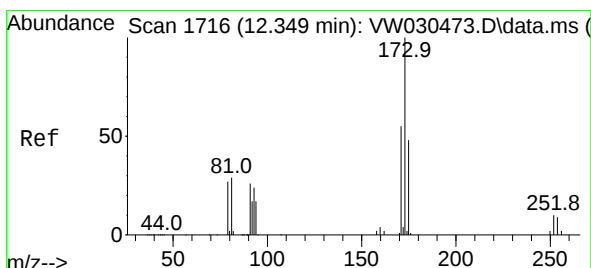
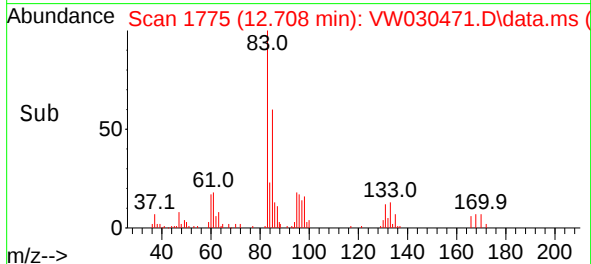
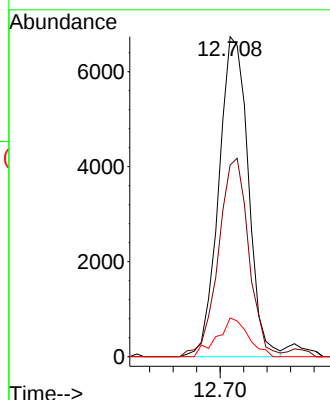
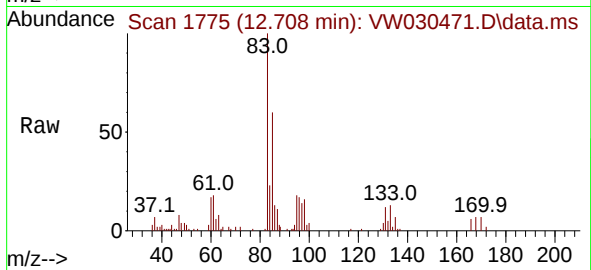
Tgt Ion: 83 Resp: 11733

Ion Ratio Lower Upper

83 100

85 59.9 42.6 79.2

131 12.1 7.4 11.0#



#59

Bromoform

Concen: 2.586 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

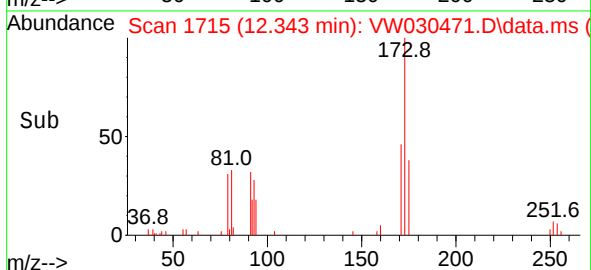
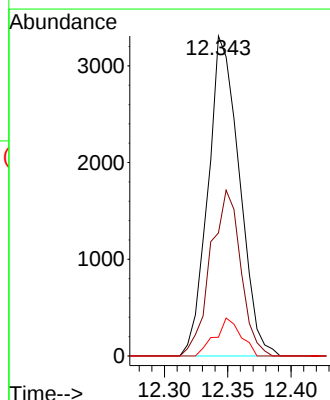
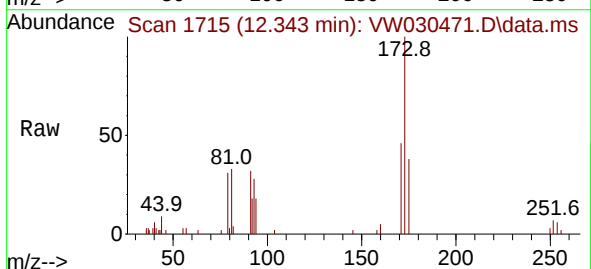
Tgt Ion:173 Resp: 5698

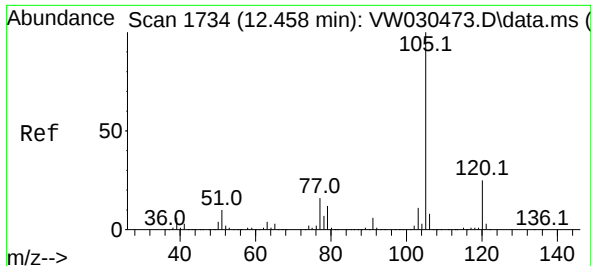
Ion Ratio Lower Upper

173 100

175 49.9 39.0 58.4

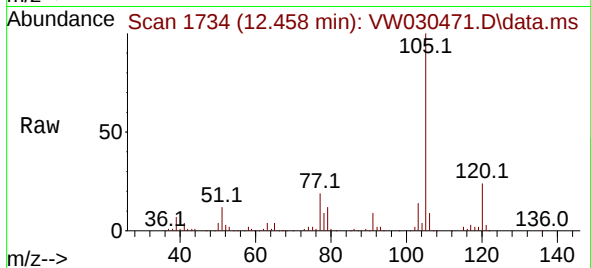
254 9.7 7.7 11.5



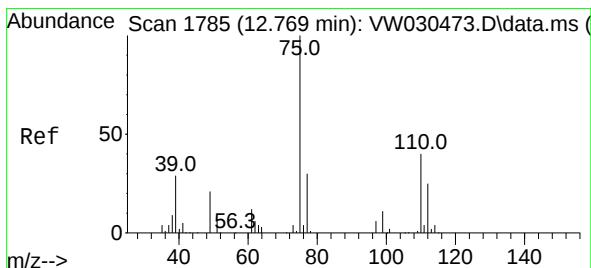
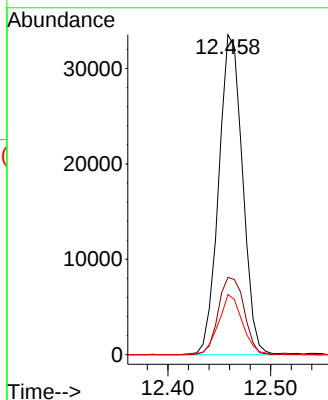
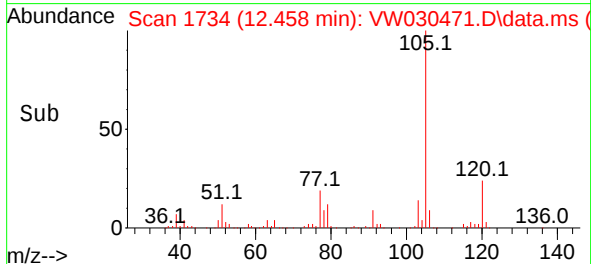


#60
Isopropylbenzene
Concen: 2.225 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

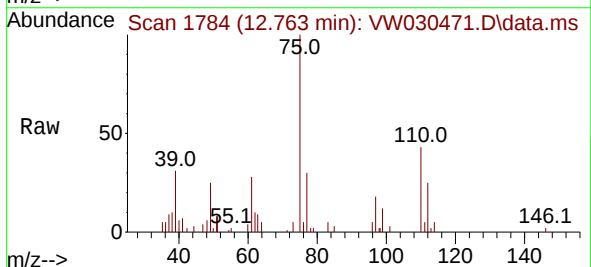
Instrument :
MSVOA_W
ClientSampleId :



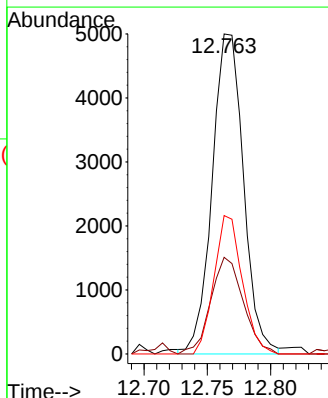
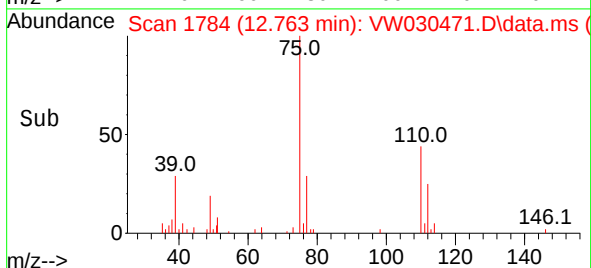
Tgt Ion:105 Resp: 54052
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 18.9 13.4 20.0

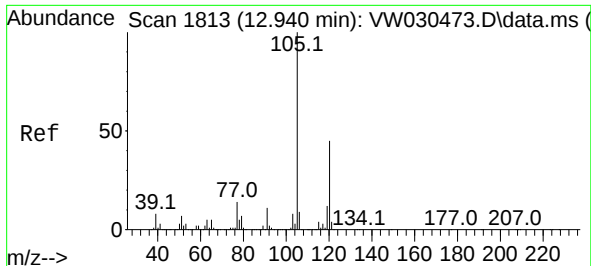


#61
1,2,3-Trichloropropane
Concen: 2.825 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48



Tgt Ion: 75 Resp: 8623
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
110 39.0 32.3 48.5

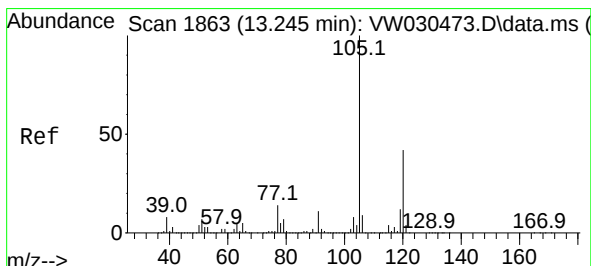
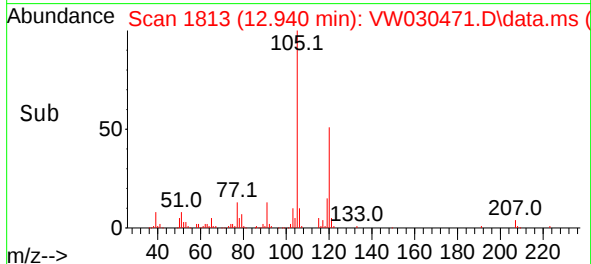
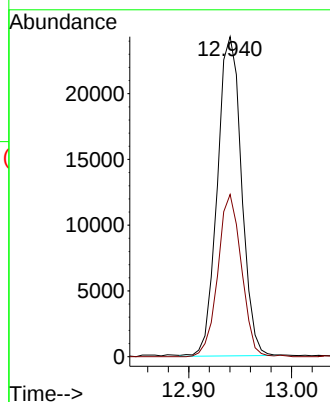
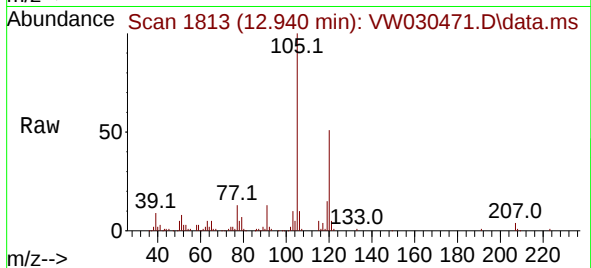




#62
1,3,5-Trimethylbenzene
Concen: 2.066 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

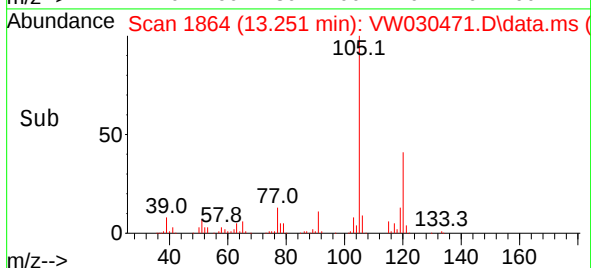
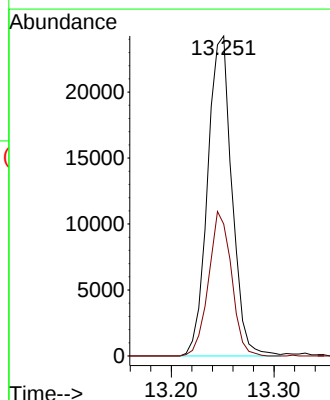
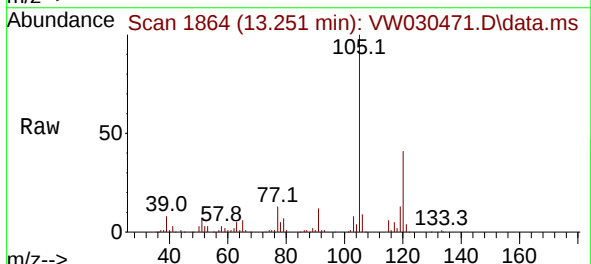
Instrument :
MSVOA_W
ClientSampleId :

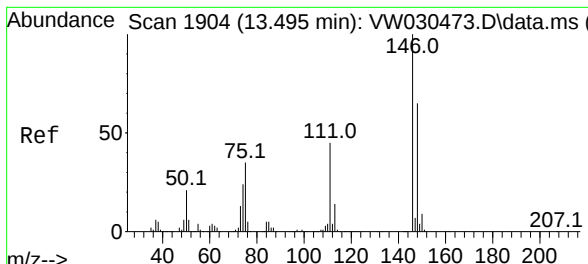
Tgt Ion:105 Resp: 39591
Ion Ratio Lower Upper
105 100
120 49.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 2.126 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

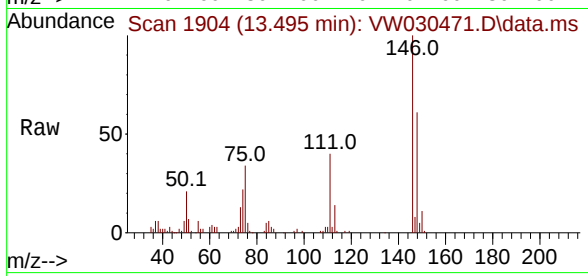
Tgt Ion:105 Resp: 39884
Ion Ratio Lower Upper
105 100
120 42.5 35.8 53.6





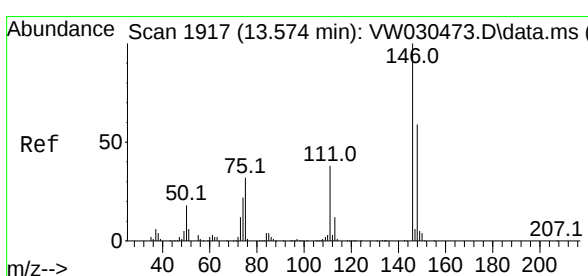
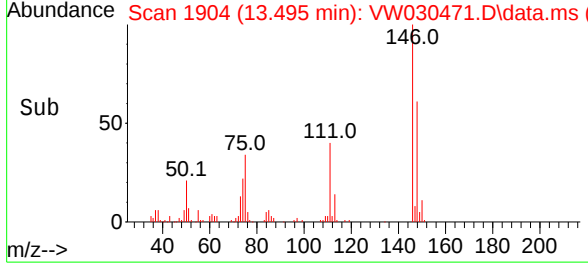
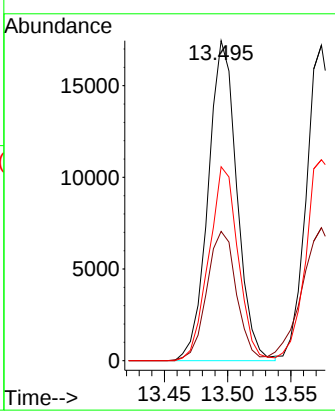
#64
 1,3-Dichlorobenzene
 Concen: 2.609 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW030471.D
 Acq: 09 Oct 2024 13:48

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:146 Resp: 27586

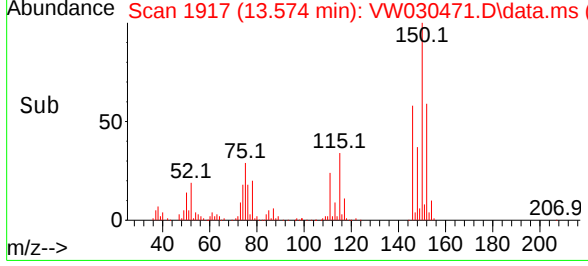
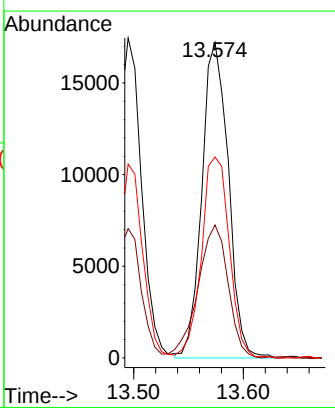
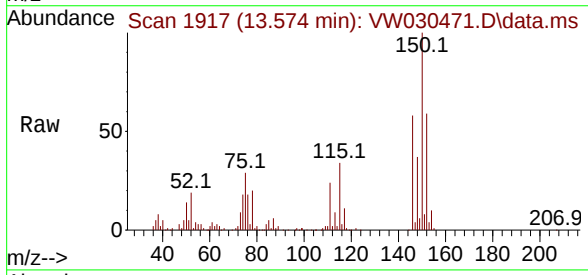
Ion	Ratio	Lower	Upper
146	100		
111	40.4	31.2	58.0
148	60.6	45.7	84.9

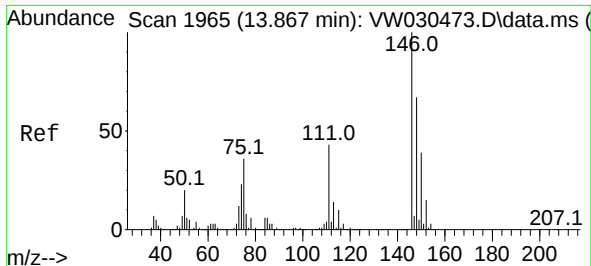


#65
 1,4-Dichlorobenzene
 Concen: 2.644 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW030471.D
 Acq: 09 Oct 2024 13:48

Tgt Ion:146 Resp: 28868

Ion	Ratio	Lower	Upper
146	100		
111	42.1	26.8	49.8
148	63.7	41.0	76.2

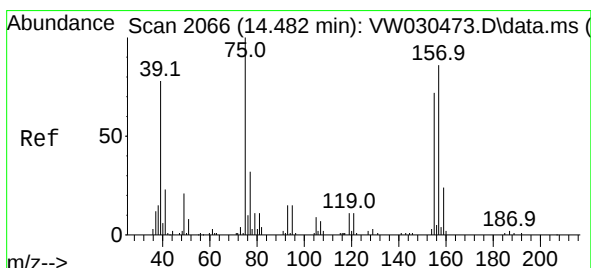
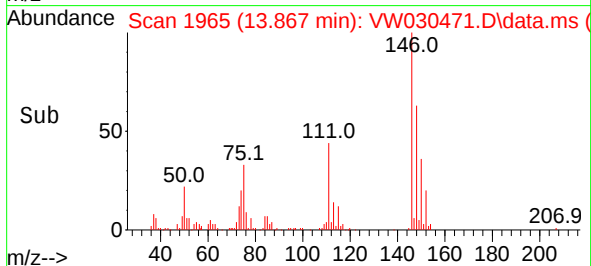
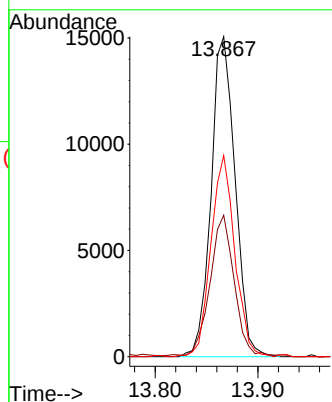
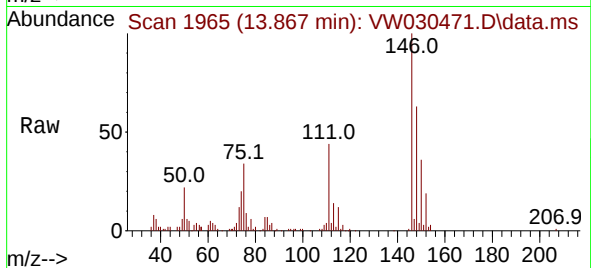




#67
1,2-Dichlorobenzene
Concen: 2.625 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

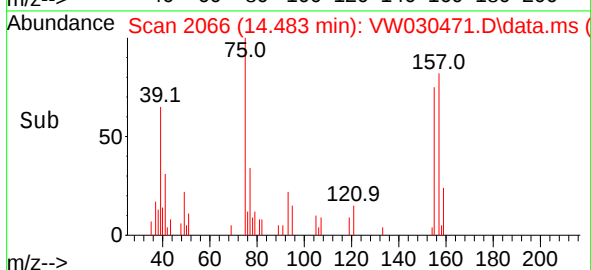
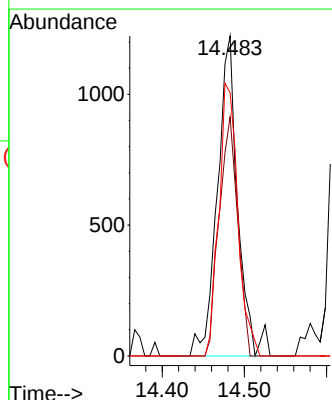
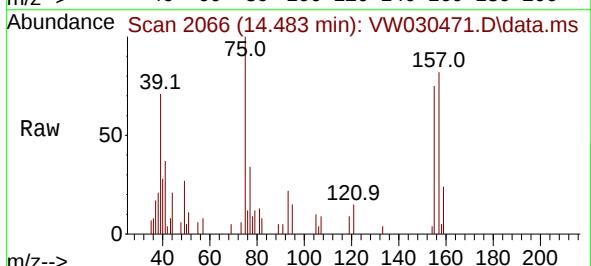
Instrument :
MSVOA_W
ClientSampleId :

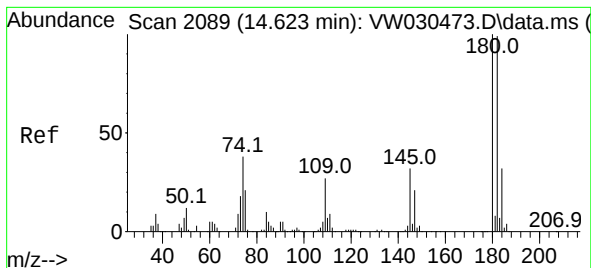
Tgt Ion:146 Resp: 24420
Ion Ratio Lower Upper
146 100
111 44.2 34.6 52.0
148 62.8 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 3.097 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW030471.D
Acq: 09 Oct 2024 13:48

Tgt Ion: 75 Resp: 2108
Ion Ratio Lower Upper
75 100
155 74.7 57.9 86.9
157 82.3 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 2.614 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

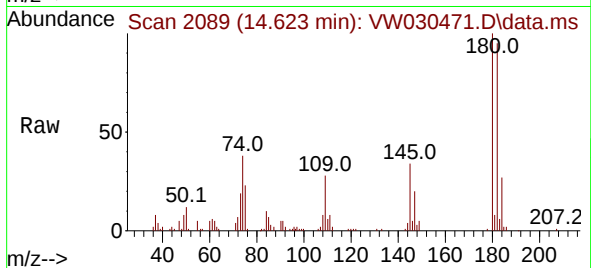
Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 18223

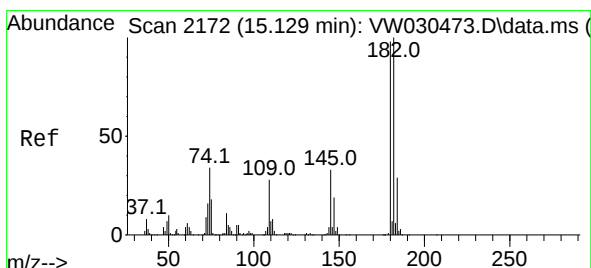
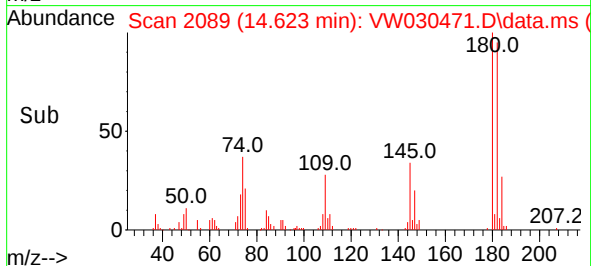
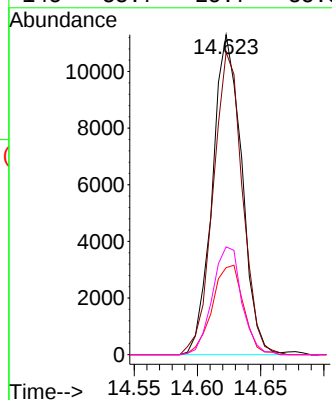
Ion Ratio Lower Upper

180 100

182 94.3 79.9 119.9

184 29.8 25.2 37.8

145 33.7 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 2.609 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

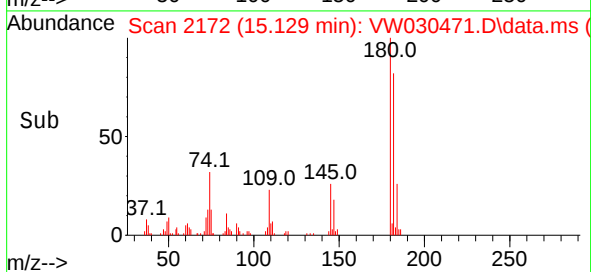
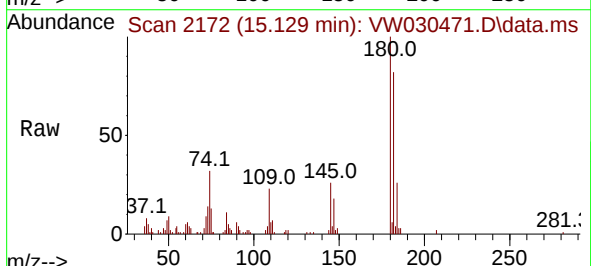
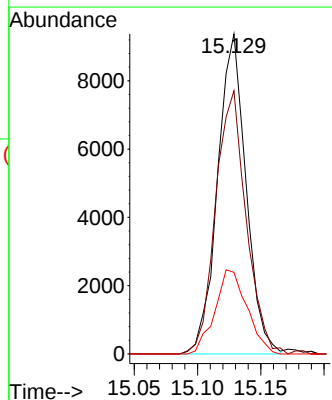
Tgt Ion:180 Resp: 14646

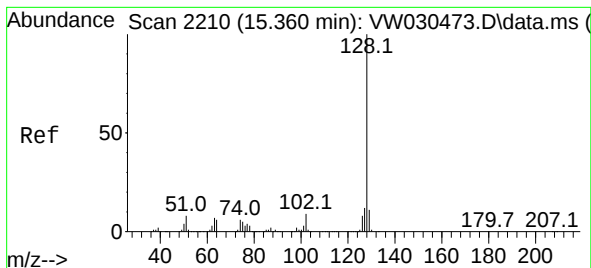
Ion Ratio Lower Upper

180 100

182 88.2 75.2 112.8

145 29.7 25.4 38.2





#71

Naphthalene

Concen: 2.308 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Instrument :

MSVOA_W

ClientSampleId :

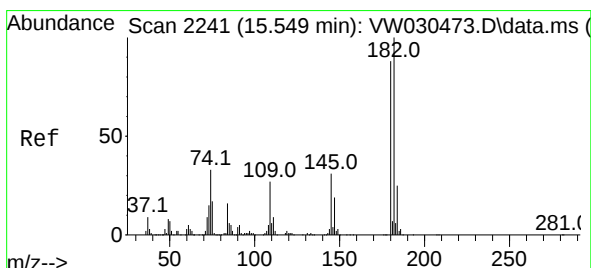
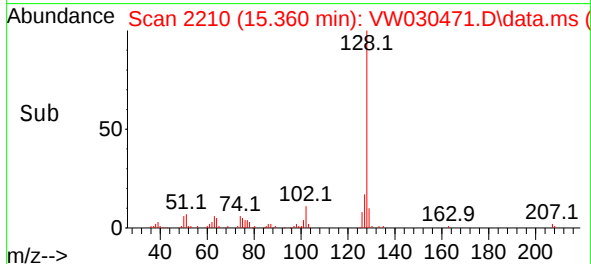
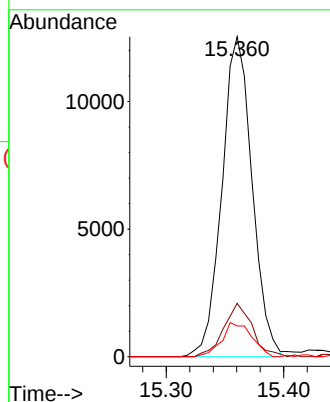
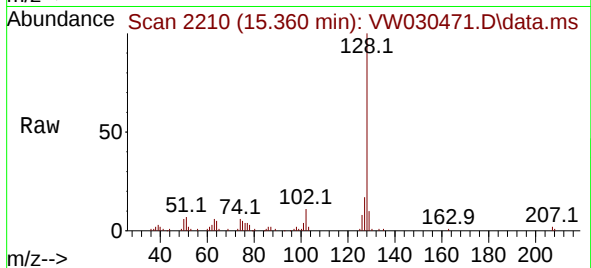
Tgt Ion:128 Resp: 22382

Ion Ratio Lower Upper

128 100

127 15.7 10.9 16.3

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 2.563 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030471.D

Acq: 09 Oct 2024 13:48

Tgt Ion:180 Resp: 12473

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

145 37.1 27.4 41.2

