

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
 Data File : VW031368.D
 Acq On : 19 Dec 2024 03:19
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 04:15:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 19 04:08:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	561071	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	510616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	251859	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	177771	21.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.240%
7) Chloroethane-d5	2.893	69	149569	23.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	4.015	65	81122	20.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.040%
21) 2-Butanone-d5	7.094	46	99830	62.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.580%
24) Chloroform-d	7.648	84	392802	25.552	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	8.307	65	221210	28.652	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	8.270	84	775009	23.681	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	9.270	67	234775	24.614	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.440%
41) Toluene-d8	10.319	98	703223	23.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	10.575	79	96933	22.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.160%
47) 2-Hexanone-d5	10.922	63	80082	62.431	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	187194	31.257	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.040%#
66) 1,2-Dichlorobenzene-d4	13.848	152	231977	24.810	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	103180	20.348	ug/L	100
3) Chloromethane	2.216	50	130540	22.915	ug/L	98
5) Vinyl chloride	2.375	62	182903	23.168	ug/L	96
6) Bromomethane	2.783	94	125881	25.936	ug/L	96
8) Chloroethane	2.930	64	122222	26.033	ug/L	100
9) Trichlorofluoromethane	3.259	101	167130	19.872	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	156981	23.115	ug/L	98
12) 1,1-Dichloroethene	4.039	96	155866	22.661	ug/L	98
13) Acetone	4.161	43	58593	26.464	ug/L #	100
14) Carbon disulfide	4.387	76	436694	19.467	ug/L	98
15) Methyl Acetate	4.679	43	75995	30.220	ug/L	96
16) Methylene chloride	4.917	84	179742	25.461	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	182374	24.598	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	348005	28.076	ug/L #	88
19) 1,1-Dichloroethane	6.210	63	354874	25.614	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	212140	26.446	ug/L	97
22) 2-Butanone	7.185	43	103908	38.732	ug/L	97
23) Bromochloromethane	7.514	128	92349	28.866	ug/L	85
25) Chloroform	7.673	83	384921	28.150	ug/L	98

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 QLast Update : Thu Dec 19 04:08:34 2024
 Response via : Initial Calibration

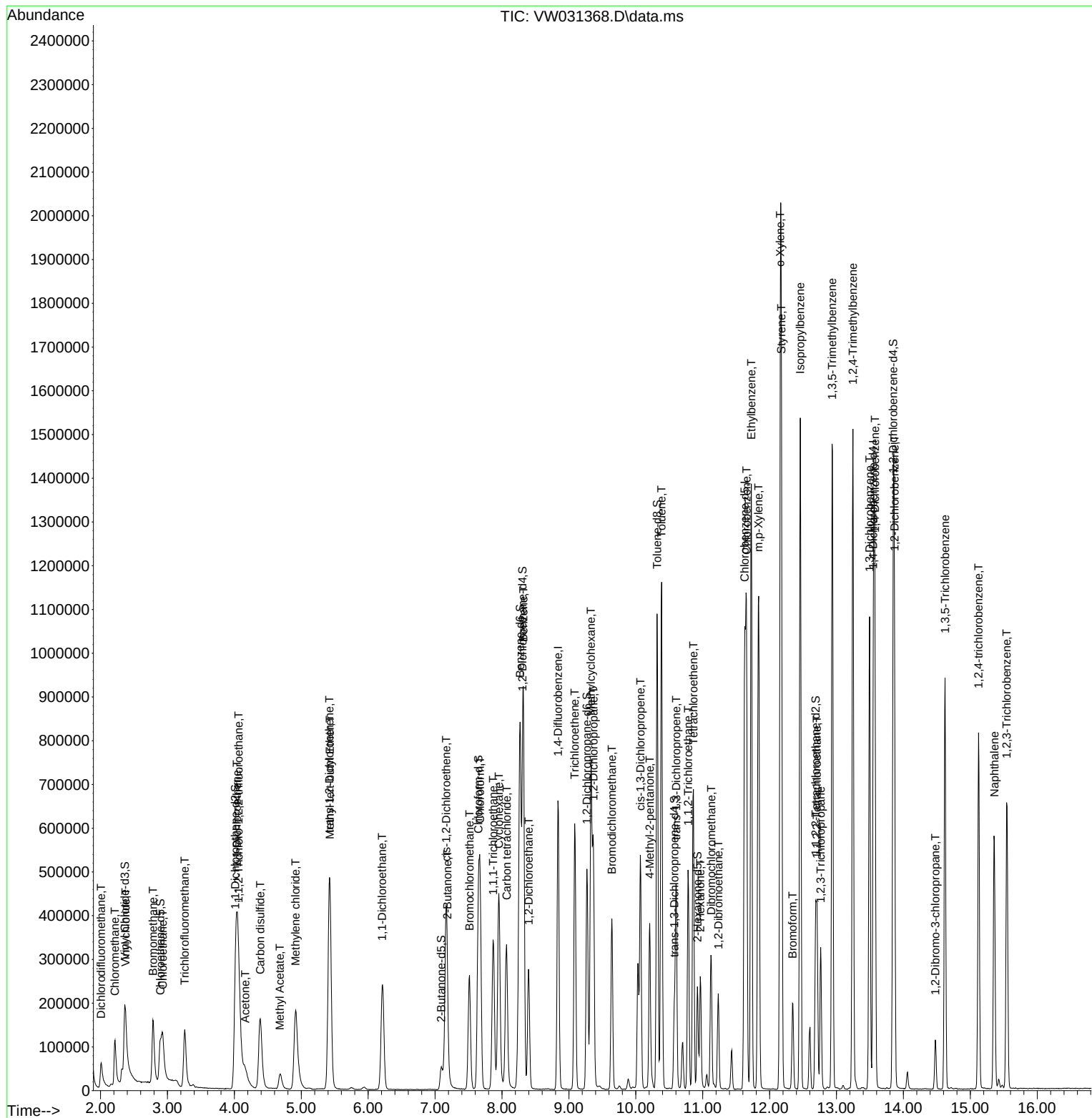
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	252758	29.402	ug/L	99
29) Cyclohexane	7.953	56	274101	19.794	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	281125	21.301	ug/L	98
31) Carbon tetrachloride	8.069	117	250855	21.335	ug/L	100
33) Benzene	8.319	78	777440	24.638	ug/L	100
34) Trichloroethene	9.087	95	212597	23.864	ug/L	93
35) Methylcyclohexane	9.331	83	315187	20.316	ug/L	98
37) 1,2-Dichloropropane	9.368	63	199028	25.283	ug/L	100
38) Bromodichloromethane	9.642	83	261779	25.580	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	306313	23.028	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	247495	59.261	ug/L	99
42) Toluene	10.386	91	837153	24.368	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	256079	23.577	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	156024	29.798	ug/L	99
46) Tetrachloroethene	10.861	164	152128	23.313	ug/L	94
48) 2-Hexanone	10.965	43	162260	45.682	ug/L	98
49) Dibromochloromethane	11.129	129	160490	25.858	ug/L	97
50) 1,2-Dibromoethane	11.233	107	148550	29.949	ug/L	96
51) Chlorobenzene	11.654	112	551332	25.595	ug/L	99
52) Ethylbenzene	11.727	91	964590	24.226	ug/L	99
53) m,p-Xylene	11.837	106	370336	24.432	ug/L	98
54) o-Xylene	12.160	106	362703	25.390	ug/L	99
55) Styrene	12.178	104	612179	25.763	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	171275	30.344	ug/L	98
59) Bromoform	12.343	173	92109	26.033	ug/L	97
60) Isopropylbenzene	12.458	105	959402	23.277	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	131390	30.487	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	822102	23.527	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	812500	24.057	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	430943	25.807	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	417495	25.233	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	372636	25.899	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	29679	27.137	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	272393	23.291	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	239340	24.602	ug/L	98
71) Naphthalene	15.360	128	499339	29.276	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	215062	27.437	ug/L	99

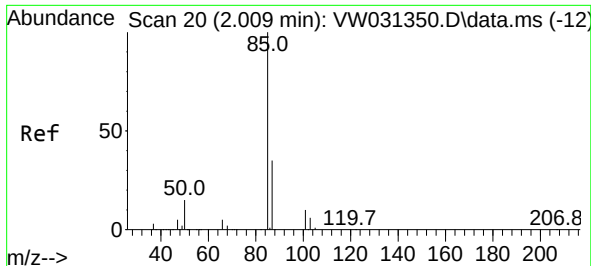
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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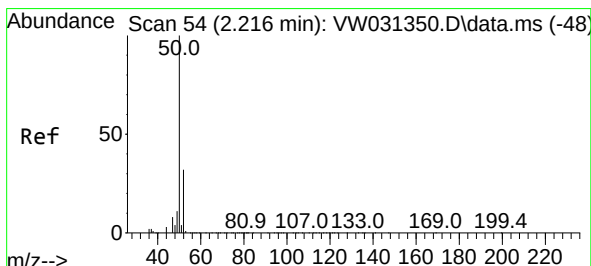
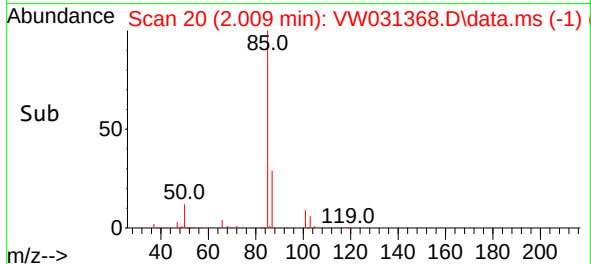
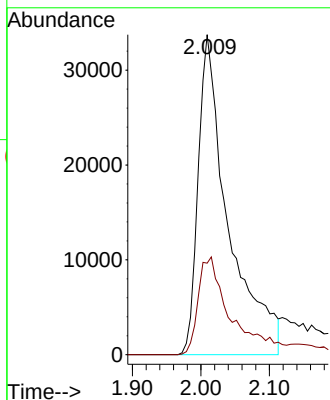
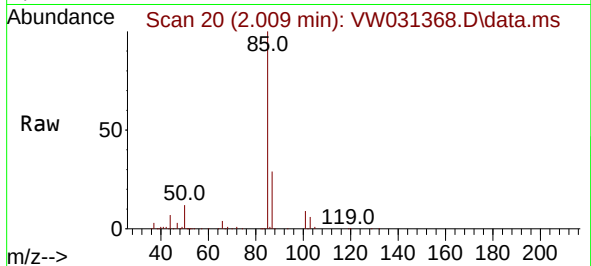




#2
 Dichlorodifluoromethane
 Concen: 20.348 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW031368.D
 Acq: 19 Dec 2024 03:19

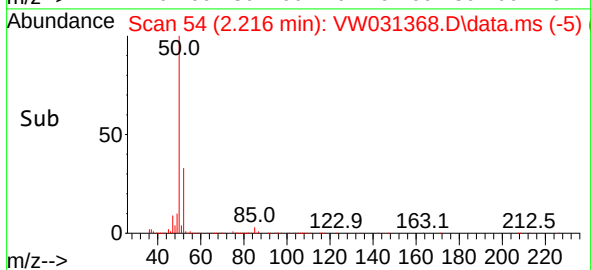
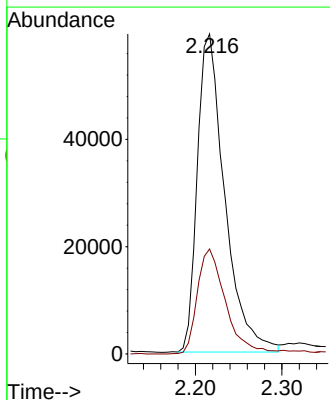
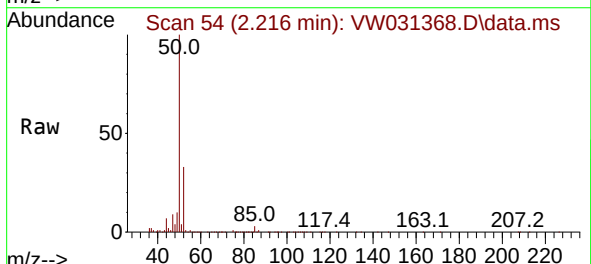
Instrument :
 MSVOA_W
 ClientSampleId :

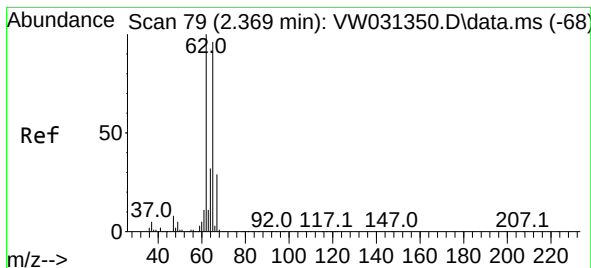
Tgt Ion: 85 Resp: 103180
 Ion Ratio Lower Upper
 85 100
 87 31.1 24.9 37.3



#3
 Chloromethane
 Concen: 22.915 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VW031368.D
 Acq: 19 Dec 2024 03:19

Tgt Ion: 50 Resp: 130540
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.0 41.0





#5

Vinyl chloride

Concen: 23.168 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

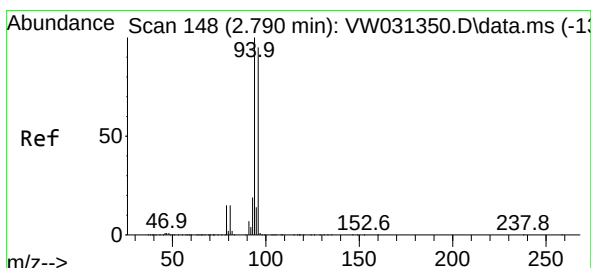
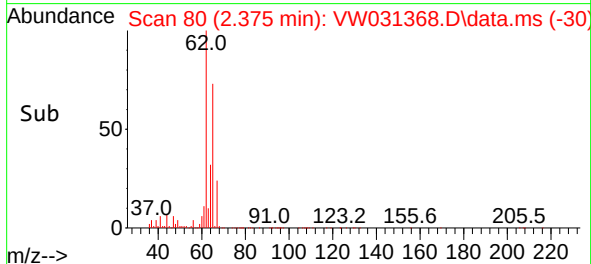
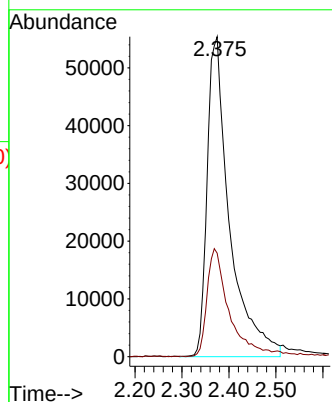
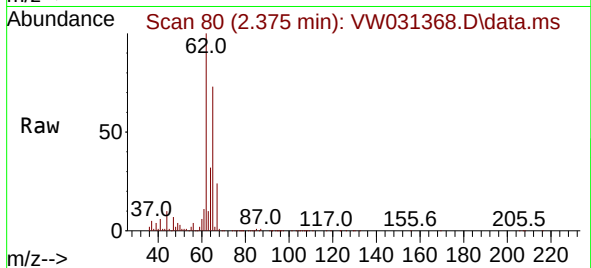
ClientSampleId :

Tgt Ion: 62 Resp: 182903

Ion Ratio Lower Upper

62 100

64 32.4 24.1 44.8



#6

Bromomethane

Concen: 25.936 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW031368.D

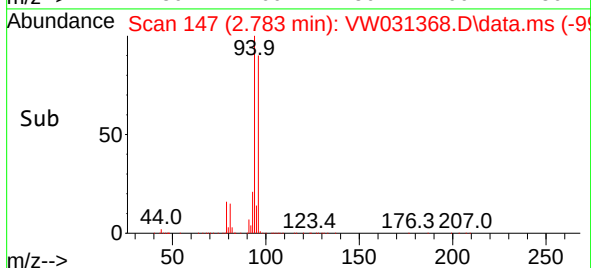
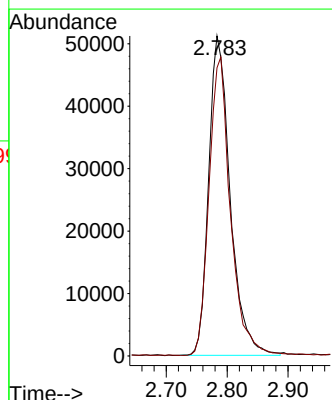
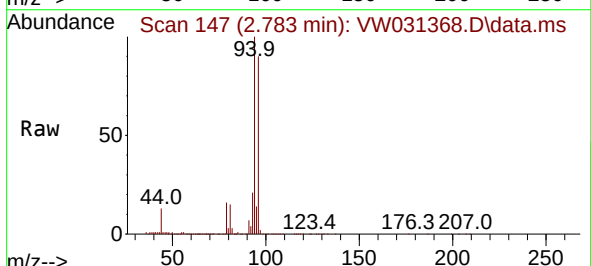
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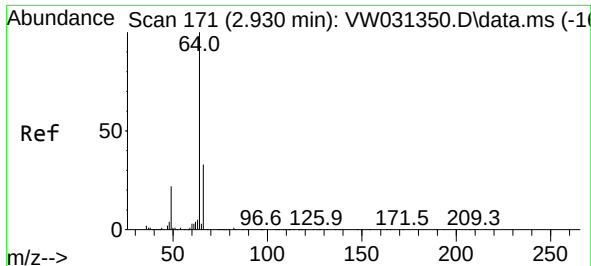
Tgt Ion: 94 Resp: 125881

Ion Ratio Lower Upper

94 100

96 90.0 65.6 121.8

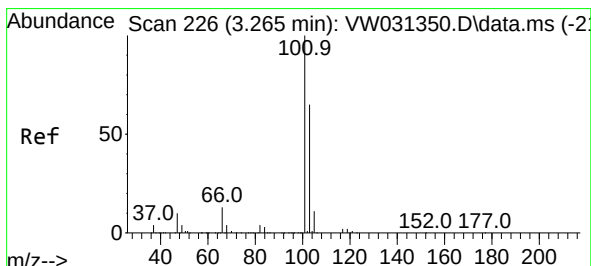
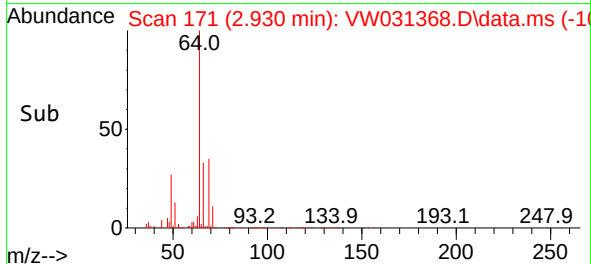
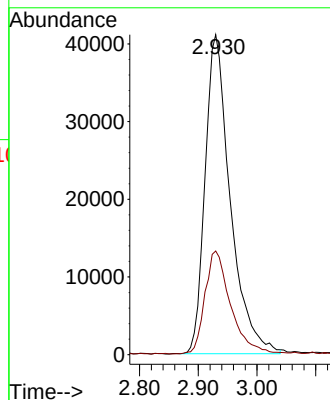
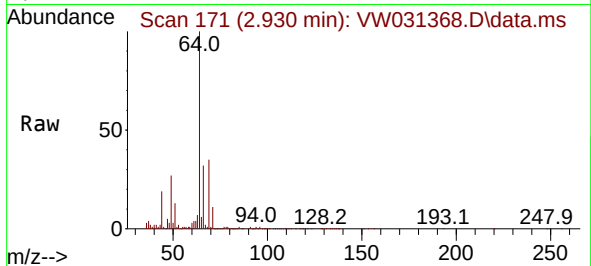




#8
Chloroethane
Concen: 26.033 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

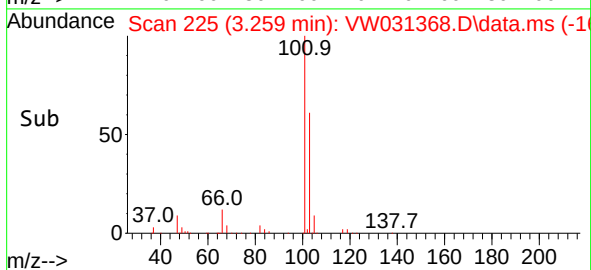
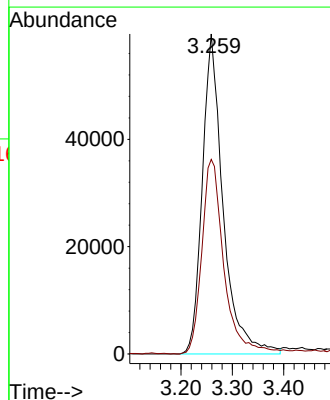
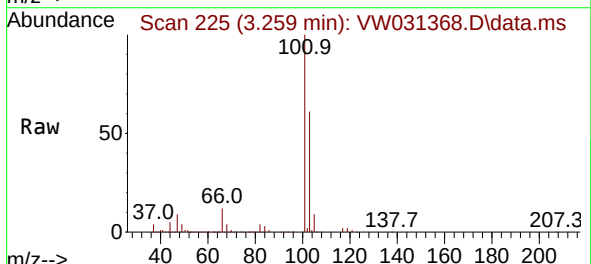
Instrument :
MSVOA_W
ClientSampleId :

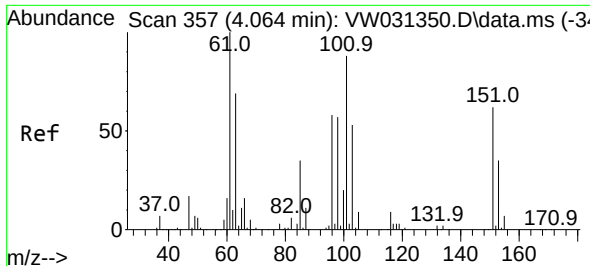
Tgt Ion: 64 Resp: 122222
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.3



#9
Trichlorofluoromethane
Concen: 19.872 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion: 101 Resp: 167130
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

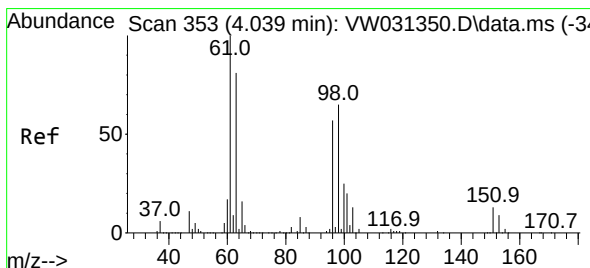
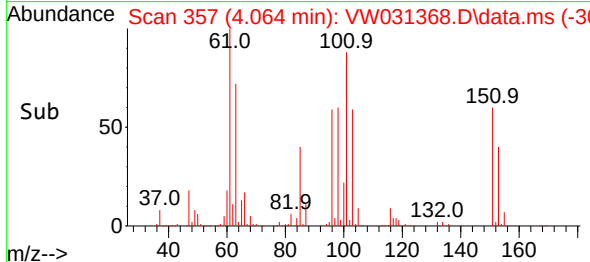
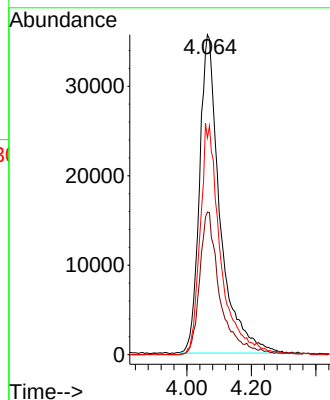
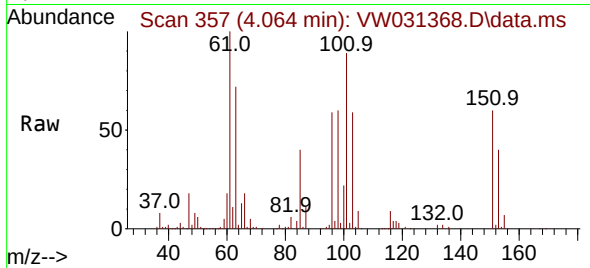




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.115 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.000 min
 Lab File: VW031368.D
 Acq: 19 Dec 2024 03:19

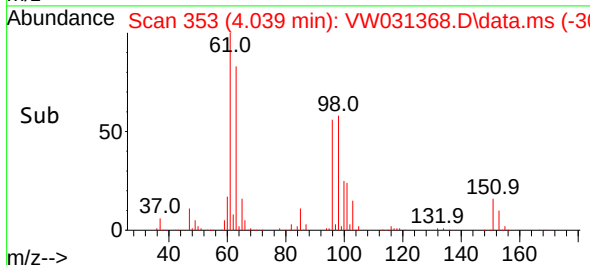
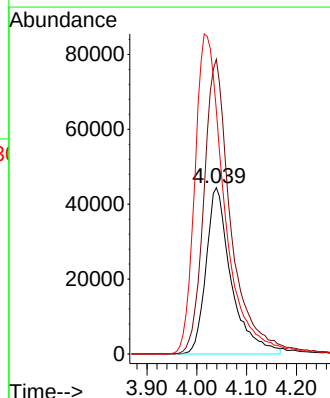
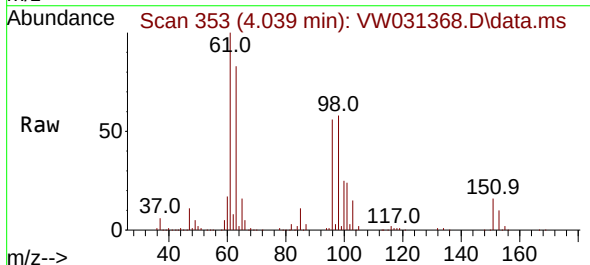
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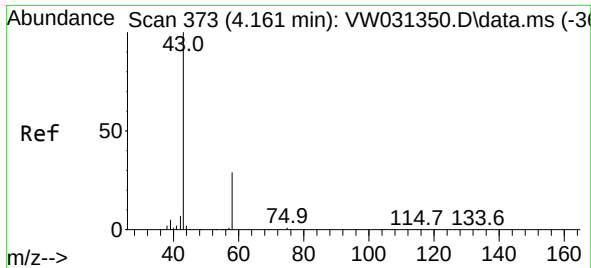
Tgt Ion:101 Resp: 156981
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.0 49.4
 151 70.2 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 22.661 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031368.D
 Acq: 19 Dec 2024 03:19

Tgt Ion: 96 Resp: 155866
 Ion Ratio Lower Upper
 96 100
 61 177.3 125.3 232.7
 63 146.5 104.6 194.2

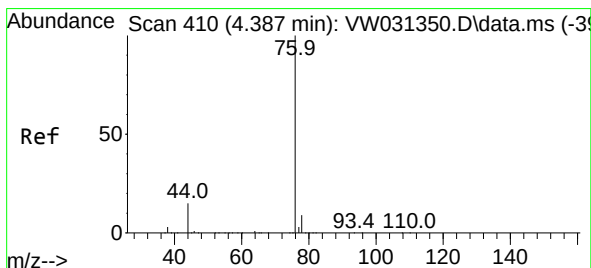
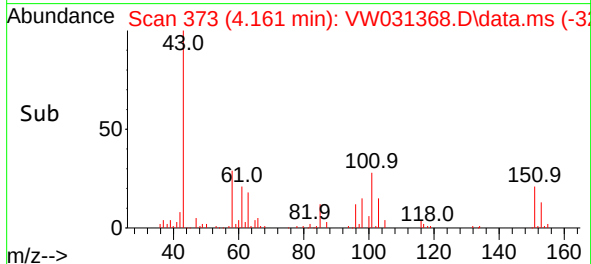
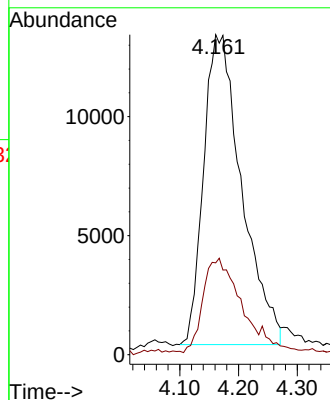
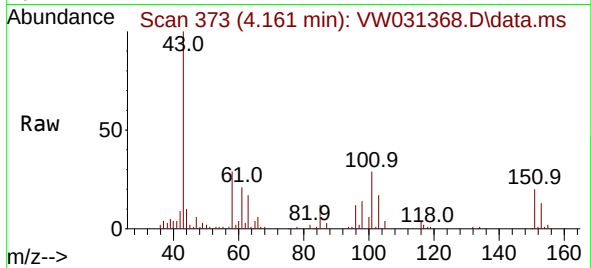




#13
Acetone
Concen: 26.464 ug/L
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

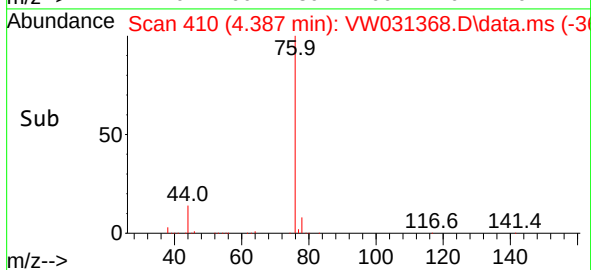
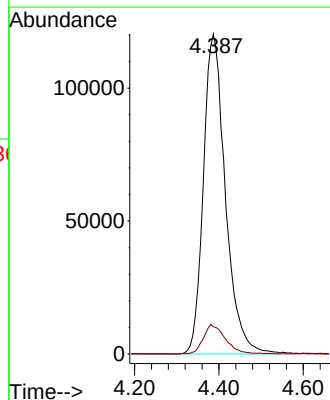
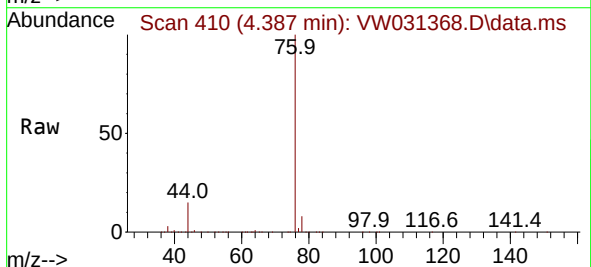
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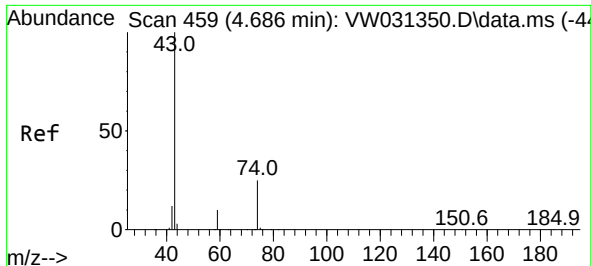
Tgt Ion: 43 Resp: 58593
Ion Ratio Lower Upper
43 100
58 29.1 0.0 0.0#



#14
Carbon disulfide
Concen: 19.467 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 436694
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

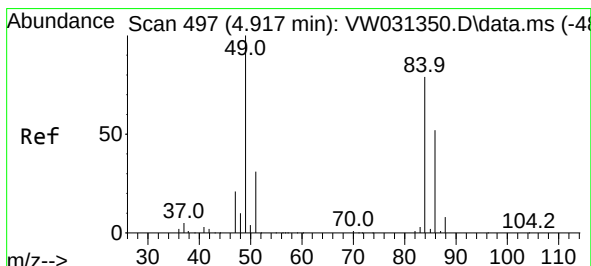
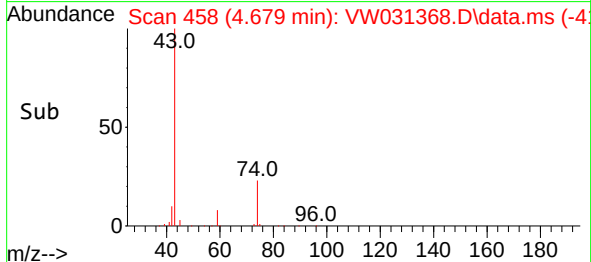
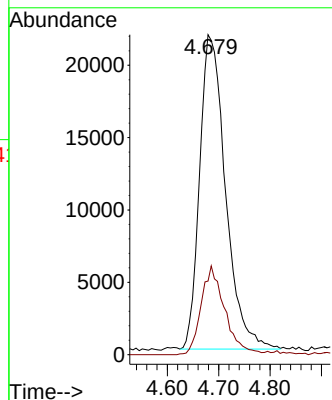
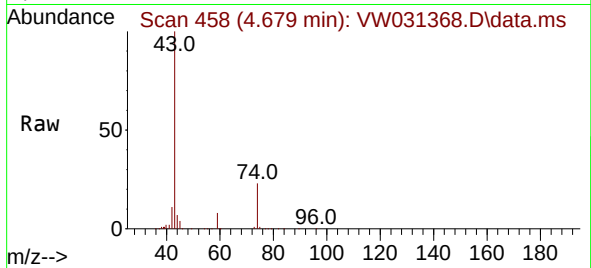




#15
Methyl Acetate
Concen: 30.220 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.006 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

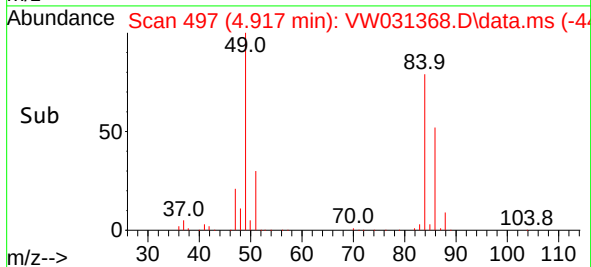
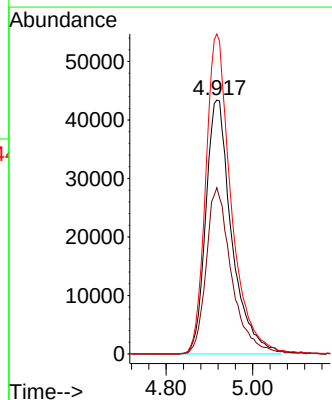
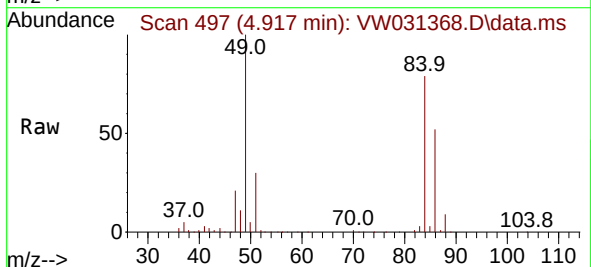
Instrument :
MSVOA_W
ClientSampleId :

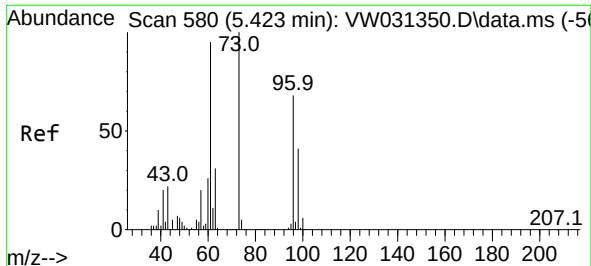
Tgt Ion: 43 Resp: 75995
Ion Ratio Lower Upper
43 100
74 25.7 18.9 28.3



#16
Methylene chloride
Concen: 25.461 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion: 84 Resp: 179742
Ion Ratio Lower Upper
84 100
86 65.5 44.7 82.9
49 126.0 88.3 164.1

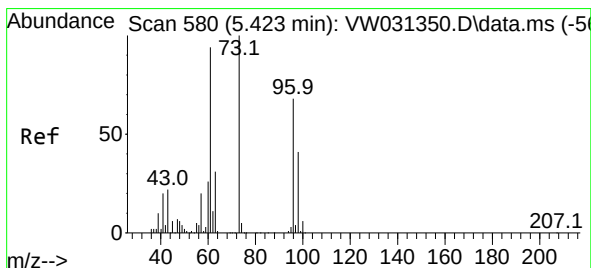
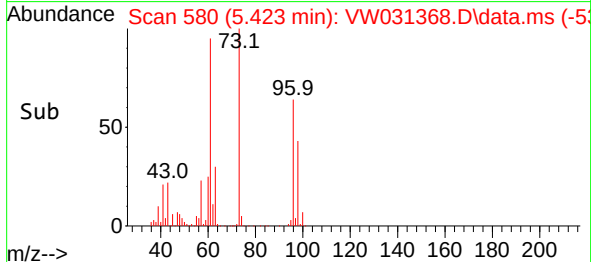
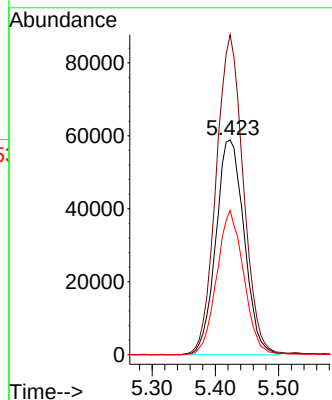
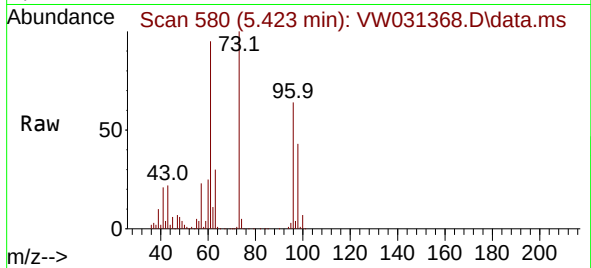




#17
trans-1,2-Dichloroethene
Concen: 24.598 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

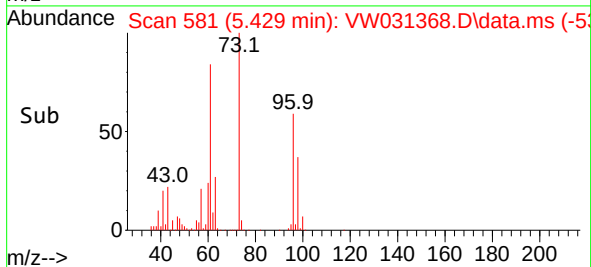
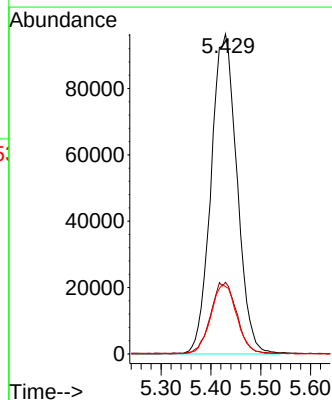
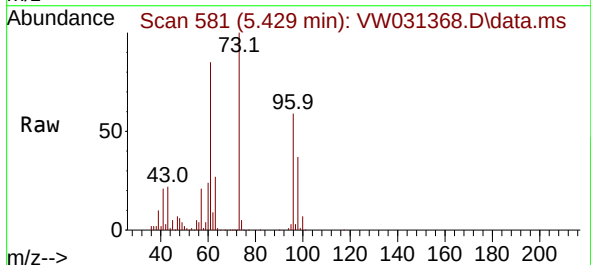
Instrument :
MSVOA_W
ClientSampleId :

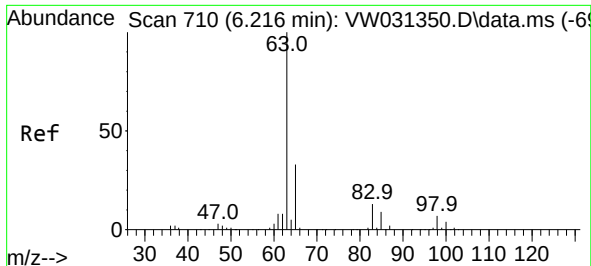
Tgt Ion: 96 Resp: 182374
Ion Ratio Lower Upper
96 100
61 149.0 100.7 187.1
98 67.1 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 28.076 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion: 73 Resp: 348005
Ion Ratio Lower Upper
73 100
43 11.1 17.9 26.9#
57 21.8 17.9 26.9





#19

1,1-Dichloroethane

Concen: 25.614 ug/L

RT: 6.210 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :

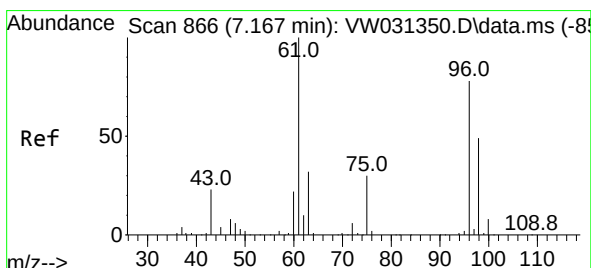
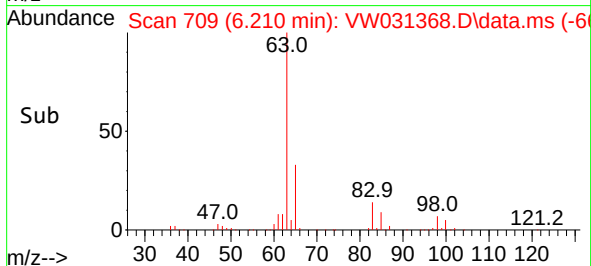
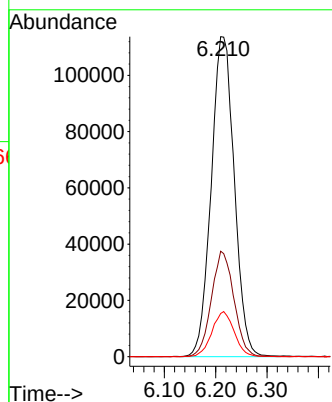
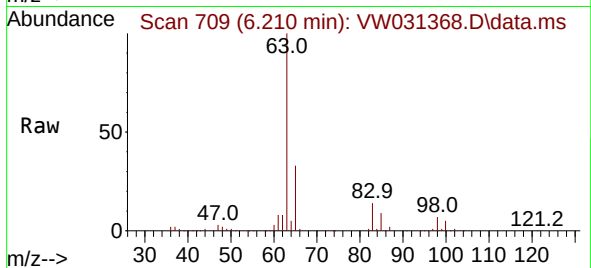
Tgt Ion: 63 Resp: 354874

Ion Ratio Lower Upper

63 100

65 33.0 21.9 40.7

83 13.5 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 26.446 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

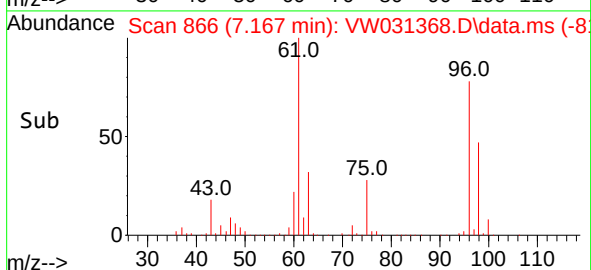
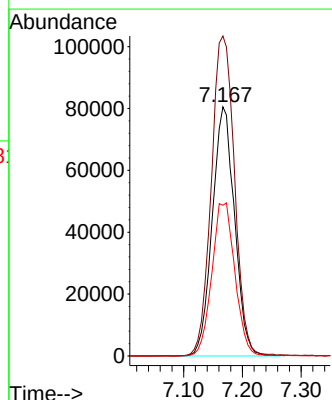
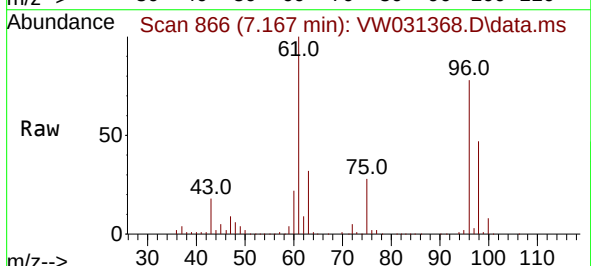
Tgt Ion: 96 Resp: 212140

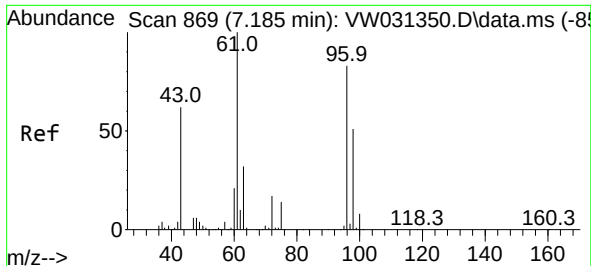
Ion Ratio Lower Upper

96 100

61 128.5 92.2 171.2

98 60.5 43.7 81.1

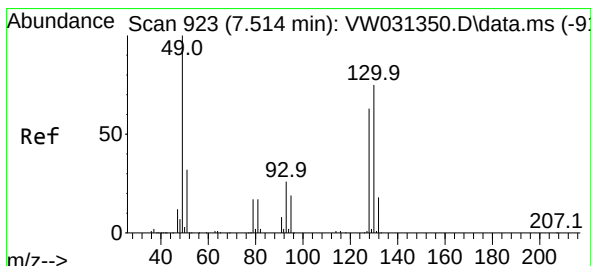
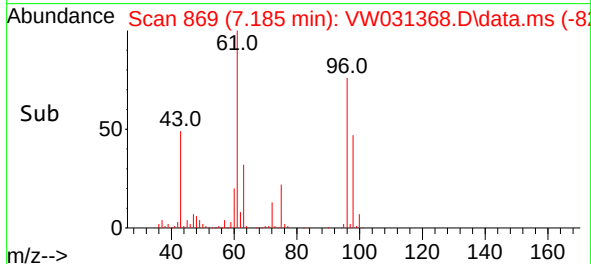
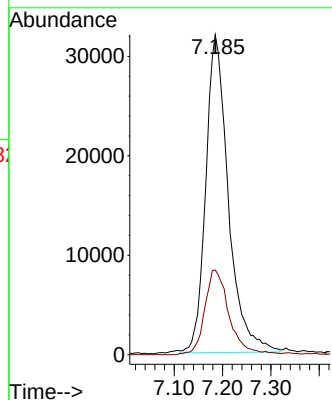
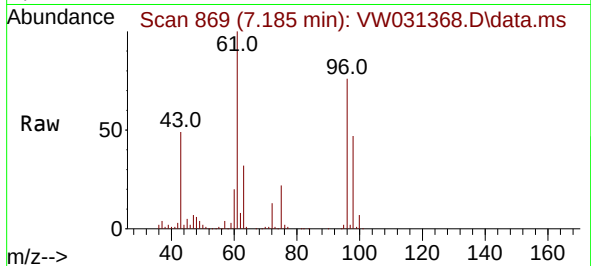




#22
2-Butanone
Concen: 38.732 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

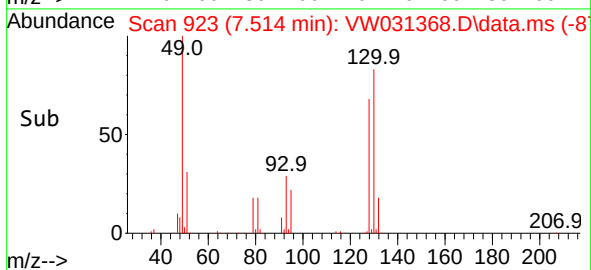
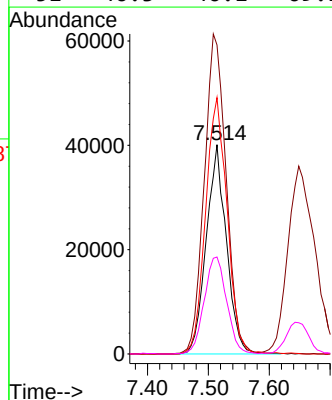
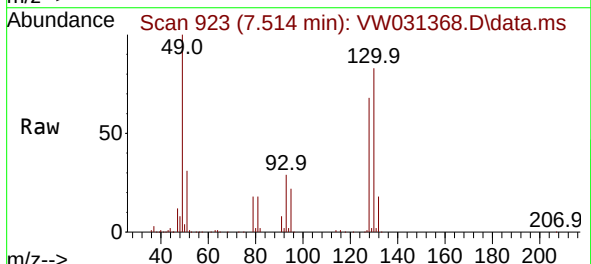
Instrument :
MSVOA_W
ClientSampleId :

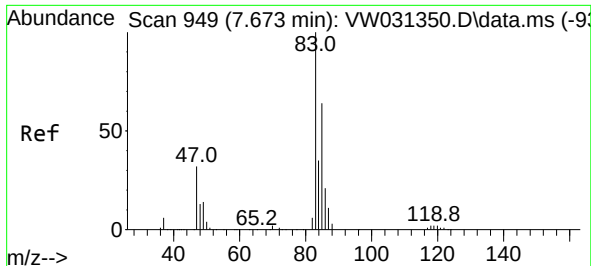
Tgt Ion: 43 Resp: 103908
Ion Ratio Lower Upper
43 100
72 28.2 13.3 39.8



#23
Bromochloromethane
Concen: 28.866 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion: 128 Resp: 92349
Ion Ratio Lower Upper
128 100
49 147.6 123.7 229.7
130 122.4 90.3 167.7
51 46.3 46.1 69.1

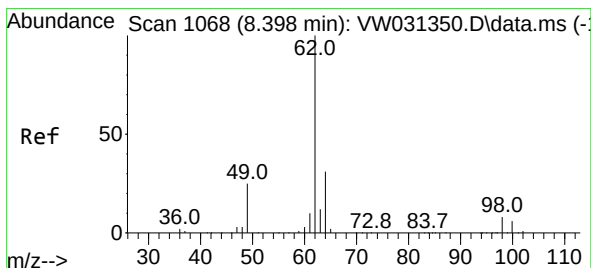
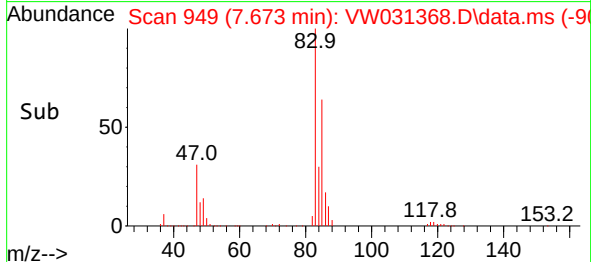
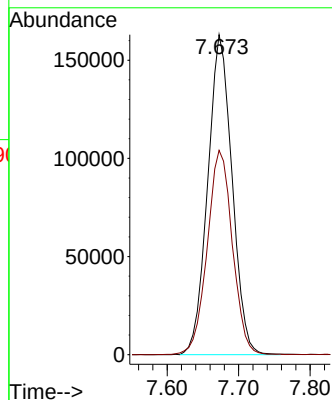
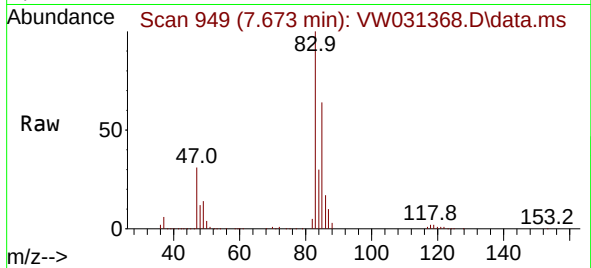




#25
Chloroform
Concen: 28.150 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

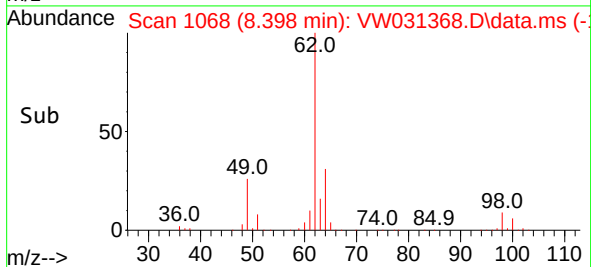
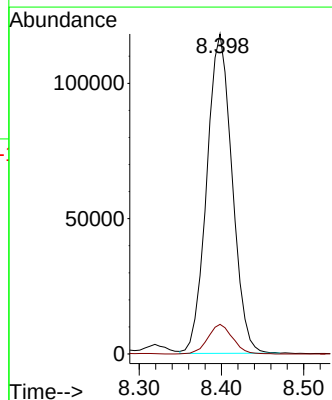
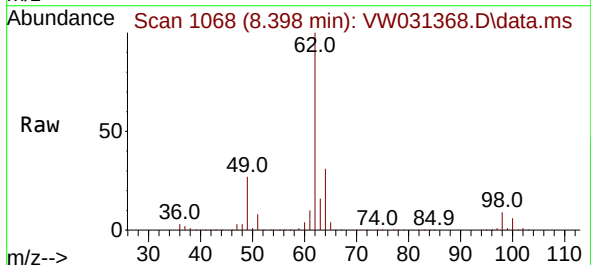
Instrument :
MSVOA_W
ClientSampleId :

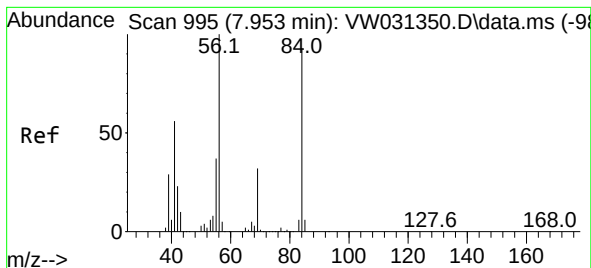
Tgt Ion: 83 Resp: 384921
Ion Ratio Lower Upper
83 100
85 63.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 29.402 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion: 62 Resp: 252758
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 19.794 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

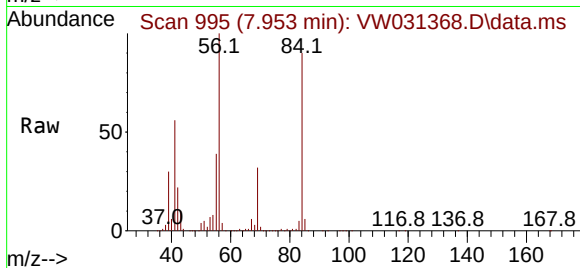
Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :



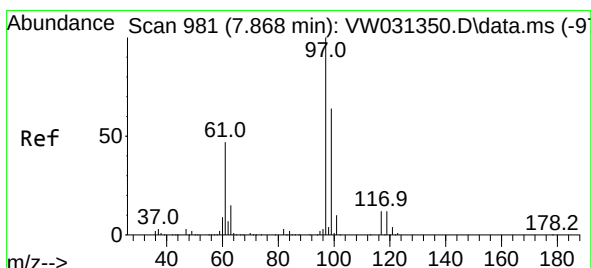
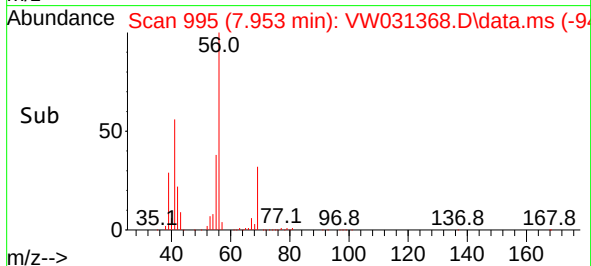
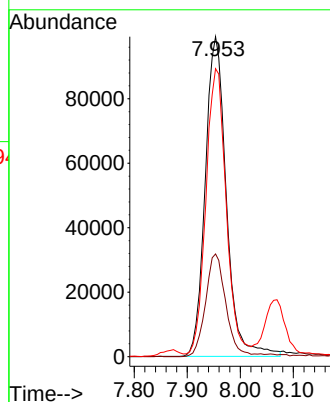
Tgt Ion: 56 Resp: 274101

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.4

84 85.7 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 21.301 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

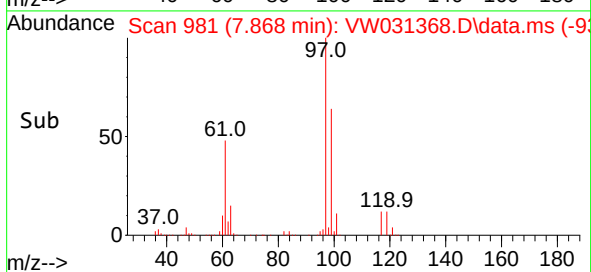
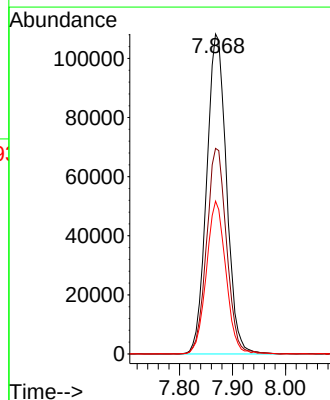
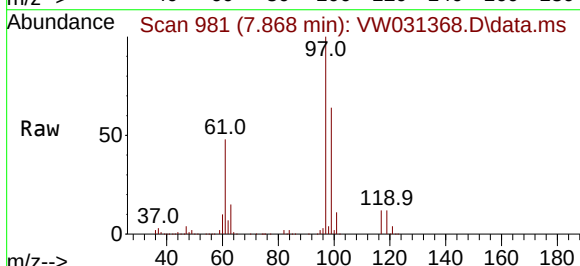
Tgt Ion: 97 Resp: 281125

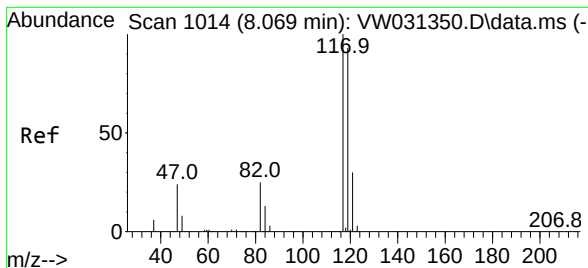
Ion Ratio Lower Upper

97 100

99 64.9 51.1 76.7

61 47.1 36.3 54.5

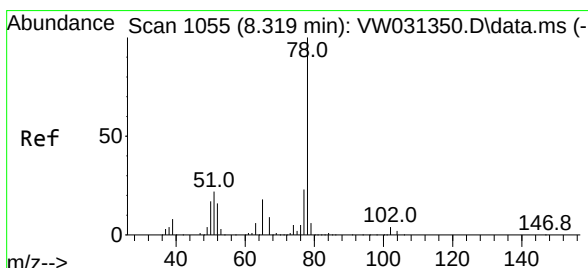
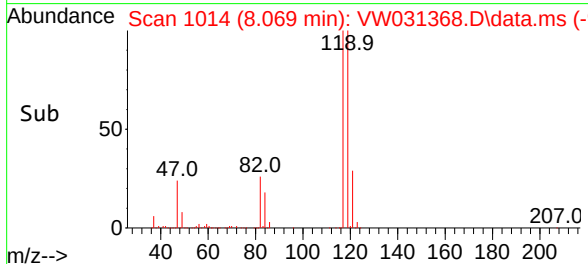
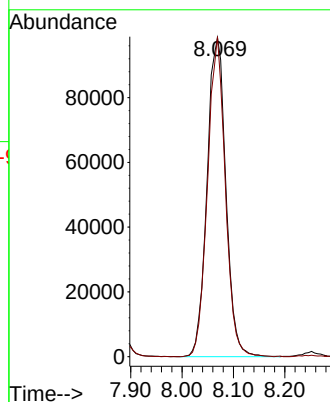
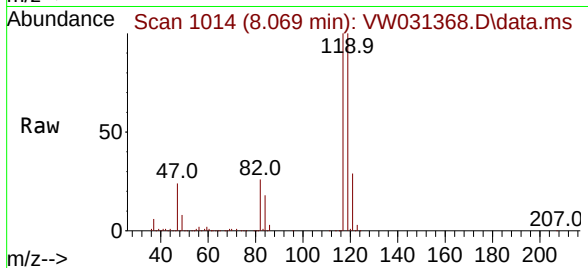




#31
Carbon tetrachloride
Concen: 21.335 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

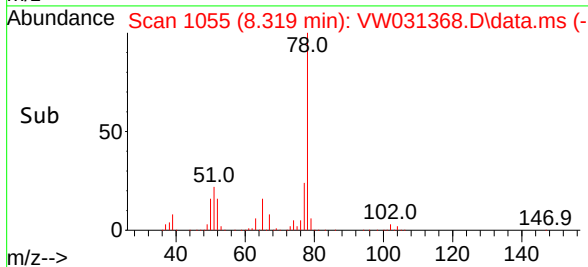
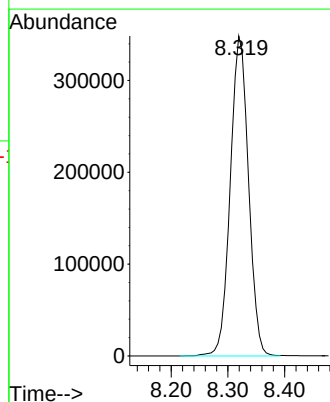
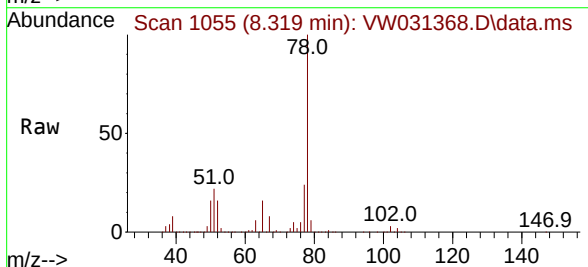
Instrument :
MSVOA_W
ClientSampleId :

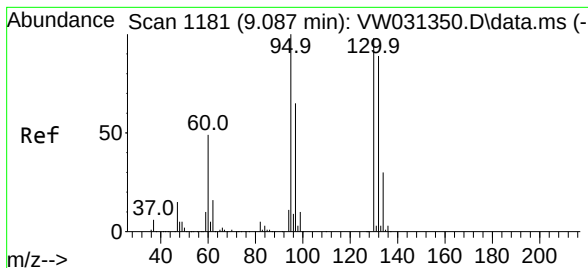
Tgt Ion:117 Resp: 250855
Ion Ratio Lower Upper
117 100
119 94.8 76.0 114.0



#33
Benzene
Concen: 24.638 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion: 78 Resp: 777440





#34

Trichloroethene

Concen: 23.864 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

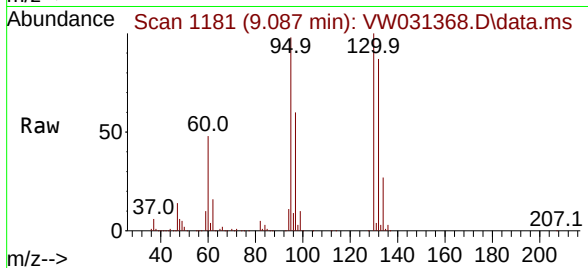
Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 212597

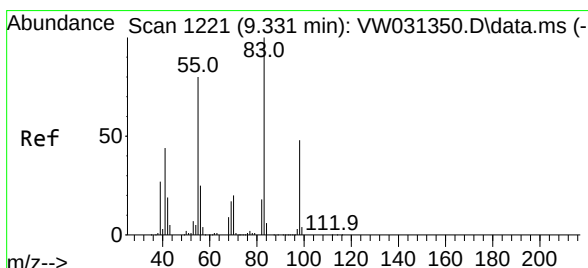
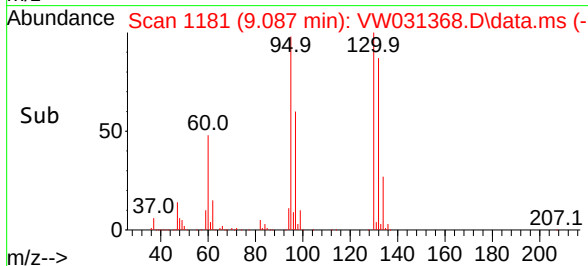
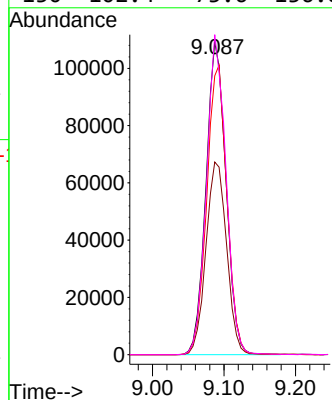
Ion Ratio Lower Upper

95 100

97 61.6 46.5 86.3

132 89.3 70.3 130.5

130 102.4 73.6 136.8



#35

Methylcyclohexane

Concen: 20.316 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

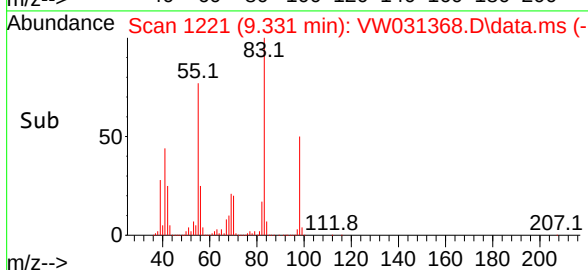
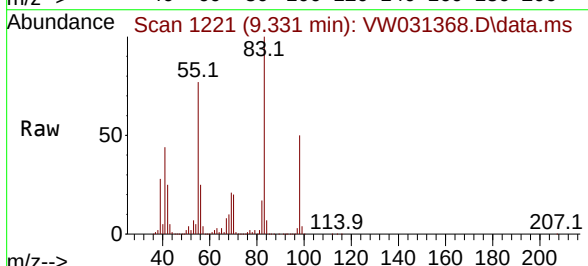
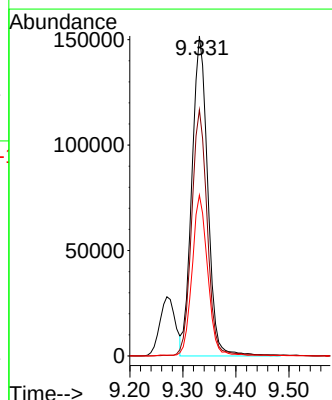
Tgt Ion: 83 Resp: 315187

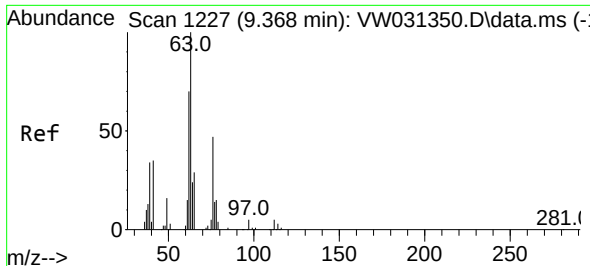
Ion Ratio Lower Upper

83 100

55 75.2 62.6 93.8

98 49.2 39.8 59.6





#37

1,2-Dichloropropane

Concen: 25.283 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

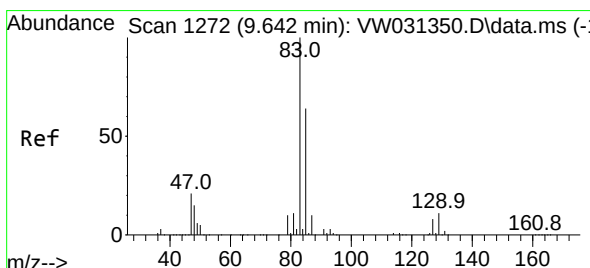
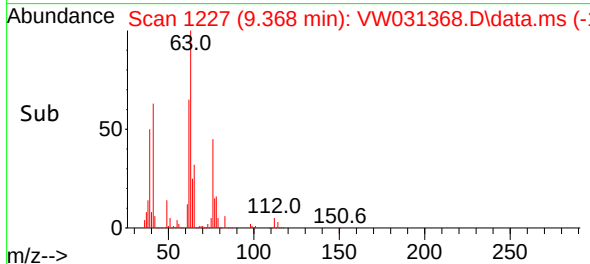
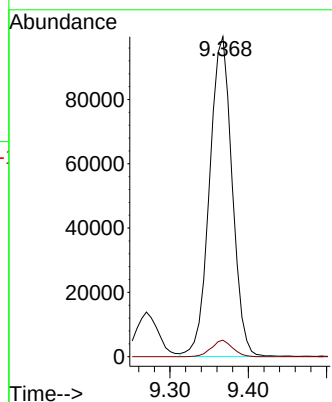
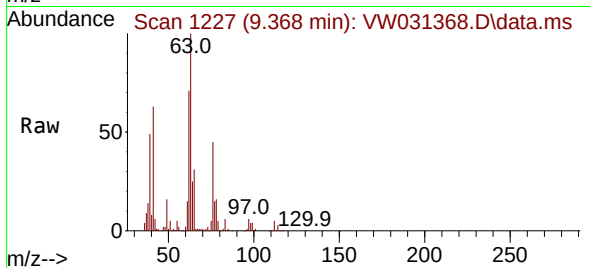
ClientSampleId :

Tgt Ion: 63 Resp: 199028

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.580 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

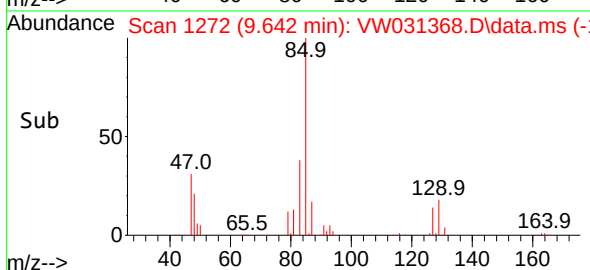
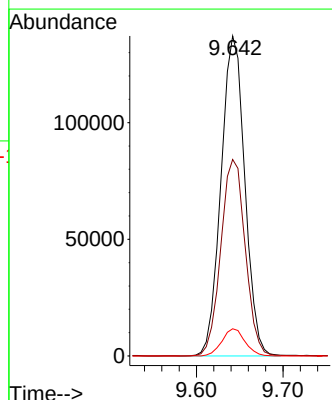
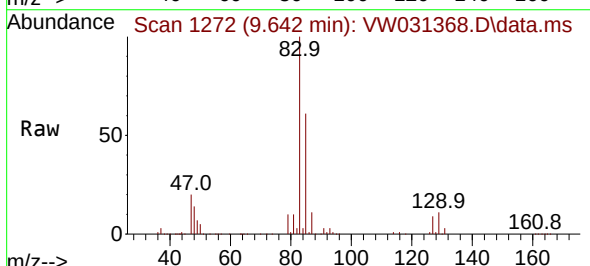
Tgt Ion: 83 Resp: 261779

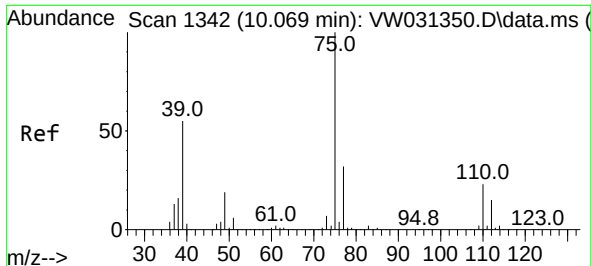
Ion Ratio Lower Upper

83 100

85 61.4 46.5 86.5

127 8.5 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 23.028 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

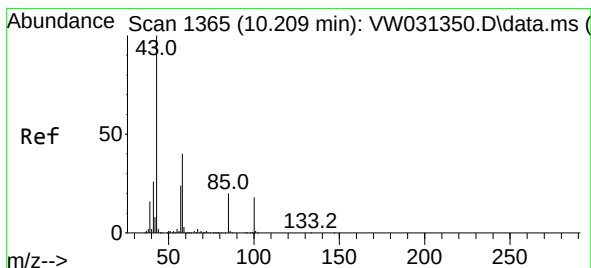
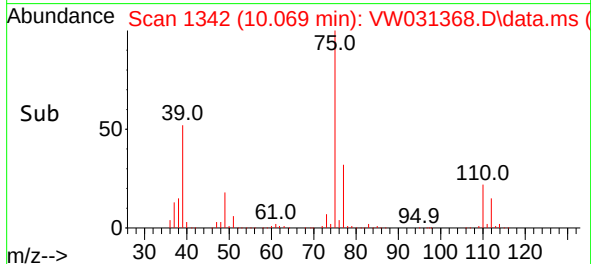
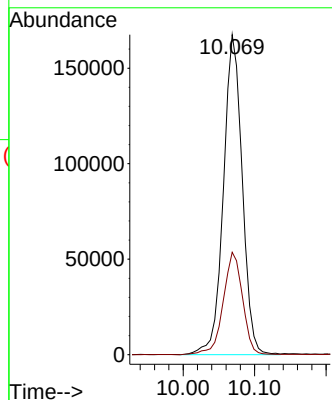
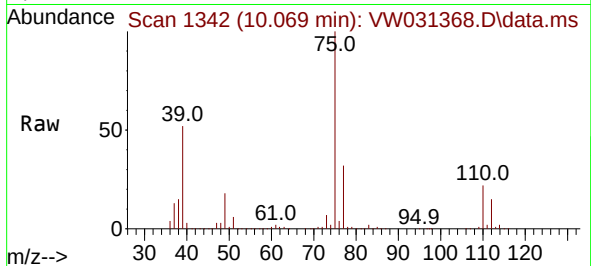
ClientSampleId :

Tgt Ion: 75 Resp: 306313

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 59.261 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

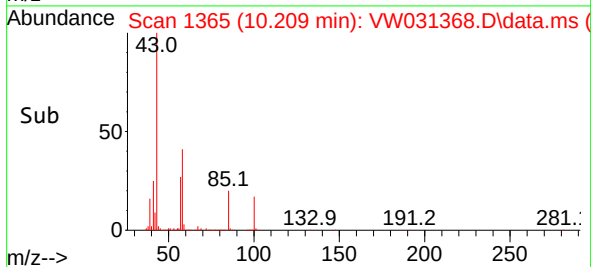
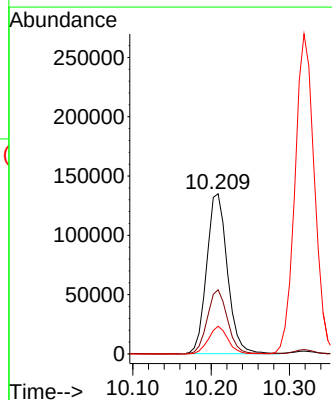
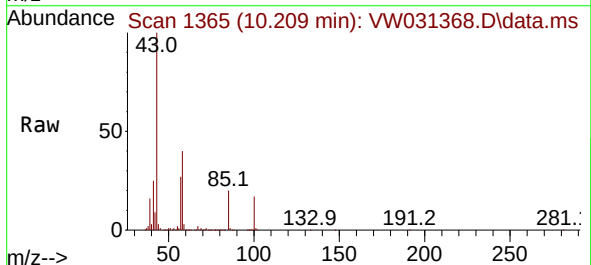
Tgt Ion: 43 Resp: 247495

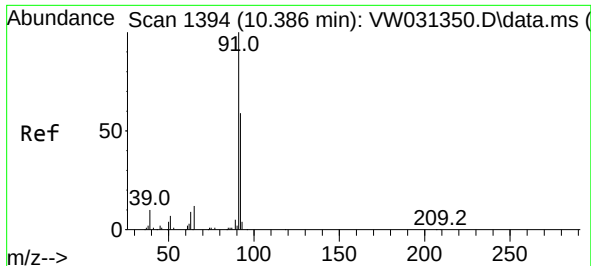
Ion Ratio Lower Upper

43 100

58 39.4 31.1 46.7

100 16.4 13.0 19.6

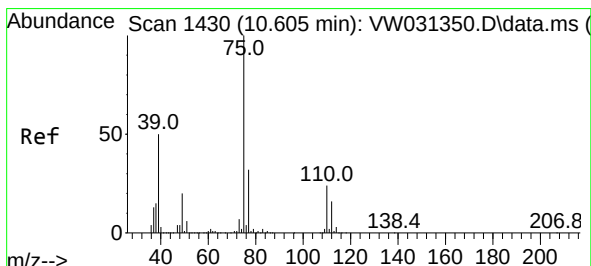
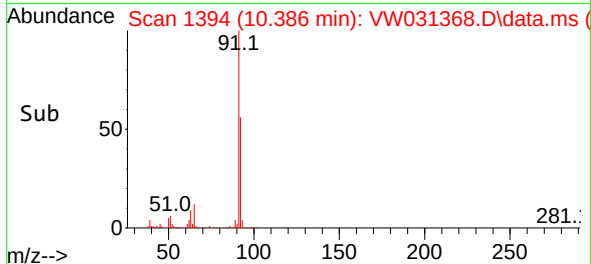
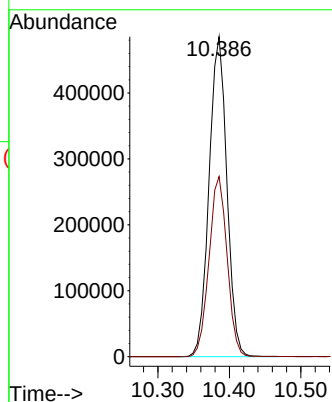
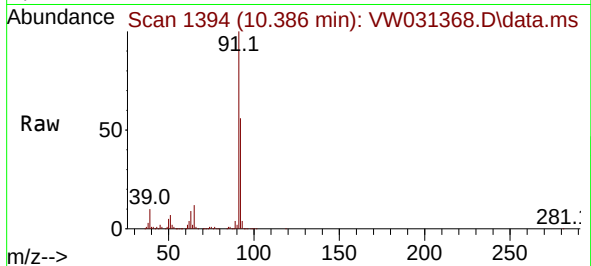




#42
Toluene
Concen: 24.368 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

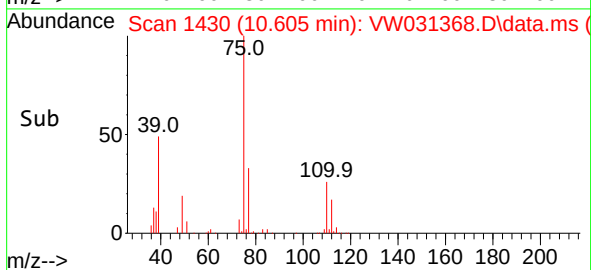
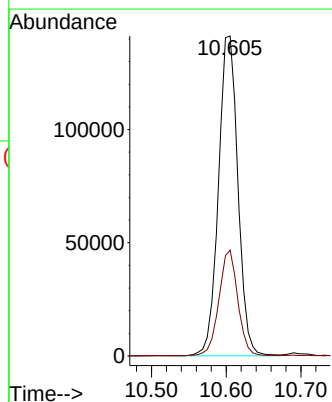
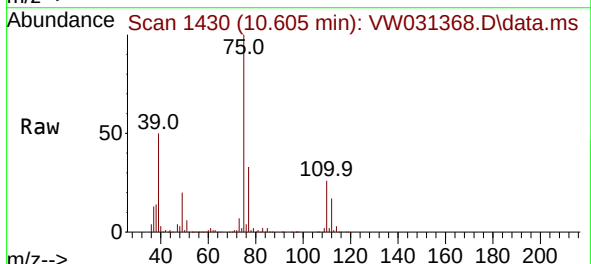
Instrument :
MSVOA_W
ClientSampleId :

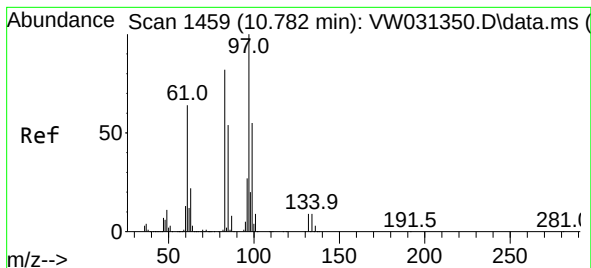
Tgt Ion: 91 Resp: 837153
Ion Ratio Lower Upper
91 100
92 56.3 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 23.577 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion: 75 Resp: 256079
Ion Ratio Lower Upper
75 100
77 33.1 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 29.798 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

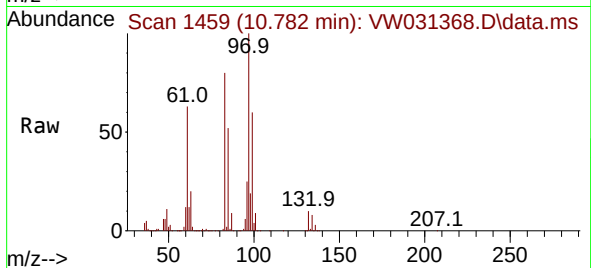
Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 156024

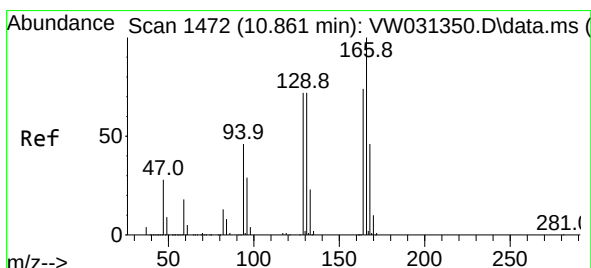
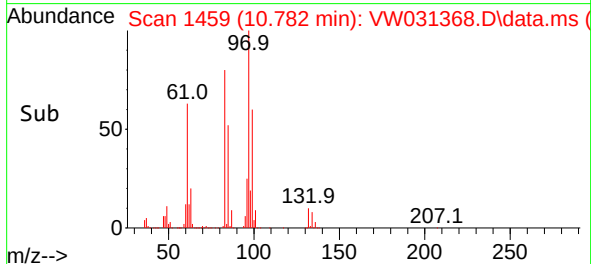
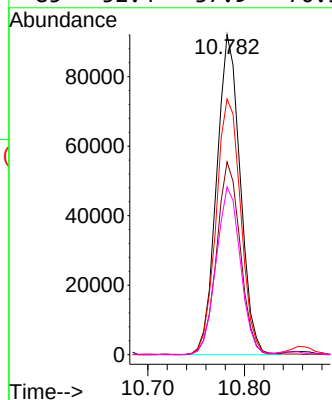
Ion Ratio Lower Upper

97 100

99 60.3 43.0 80.0

83 79.9 56.4 104.7

85 52.4 37.9 70.3



#46

Tetrachloroethene

Concen: 23.313 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Tgt Ion:164 Resp: 152128

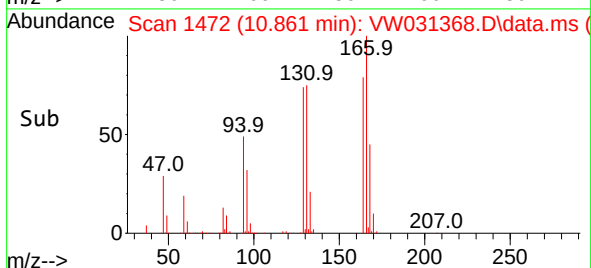
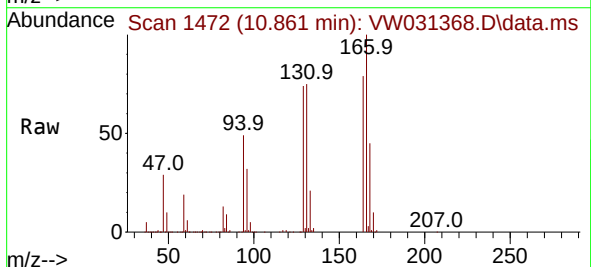
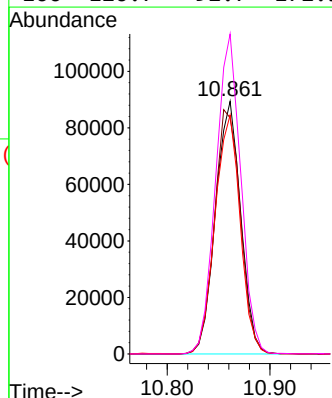
Ion Ratio Lower Upper

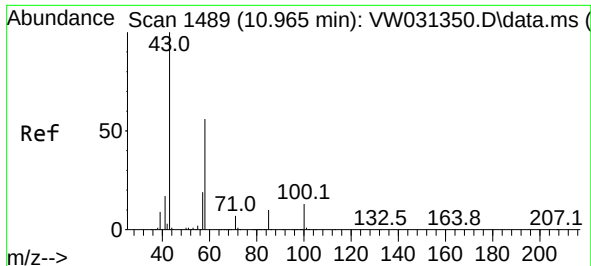
164 100

129 93.4 73.5 136.5

131 94.6 66.6 123.8

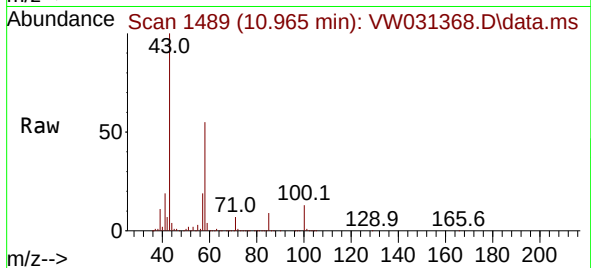
166 126.7 92.7 172.3



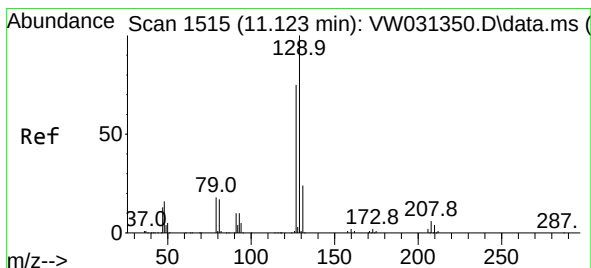
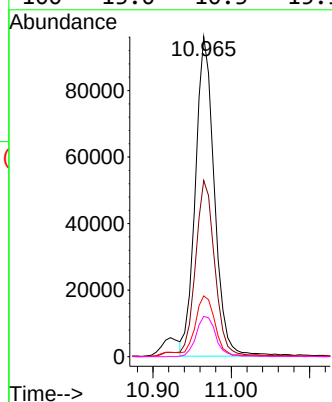
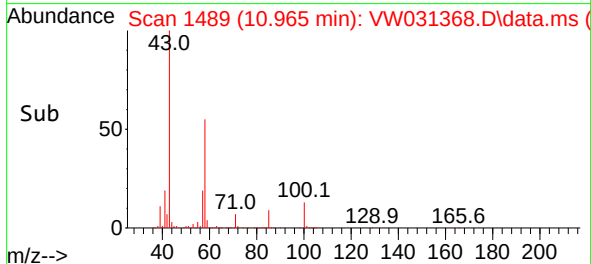


#48
2-Hexanone
Concen: 45.682 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Instrument :
MSVOA_W
ClientSampleId :

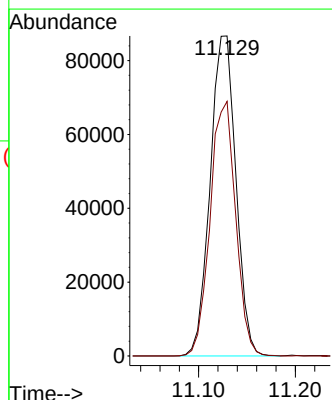
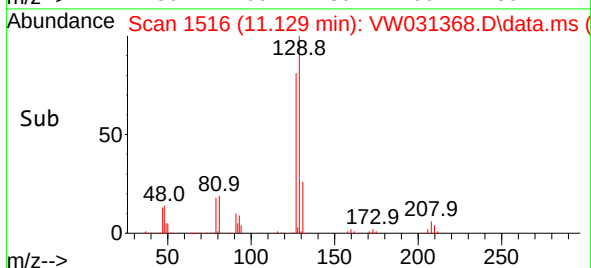
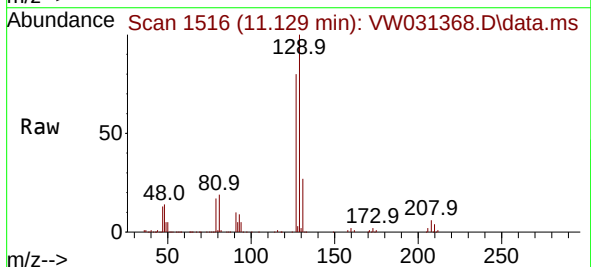


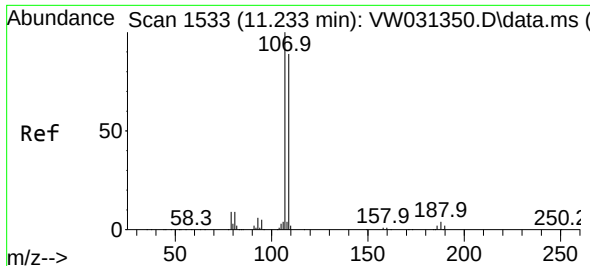
Tgt Ion: 43 Resp: 162260
Ion Ratio Lower Upper
43 100
58 55.6 43.0 64.6
57 19.5 15.7 23.5
100 13.0 10.3 15.5



#49
Dibromochloromethane
Concen: 25.858 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion: 129 Resp: 160490
Ion Ratio Lower Upper
129 100
127 79.5 57.6 107.0





#50

1,2-Dibromoethane

Concen: 29.949 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :

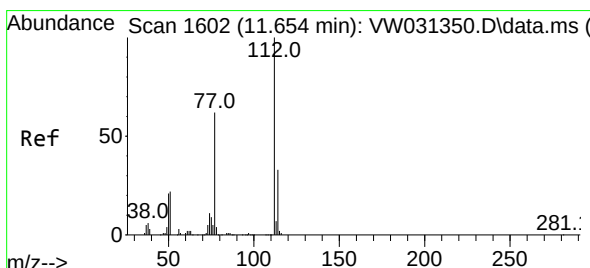
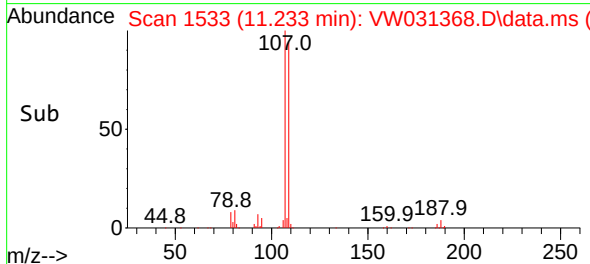
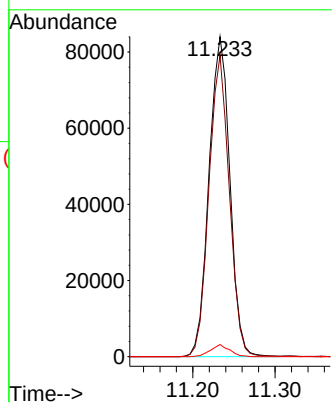
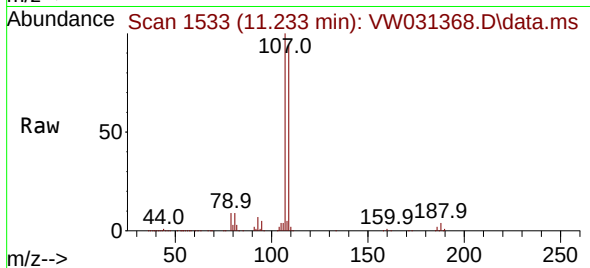
Tgt Ion:107 Resp: 148550

Ion Ratio Lower Upper

107 100

109 94.2 63.2 117.4

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 25.595 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

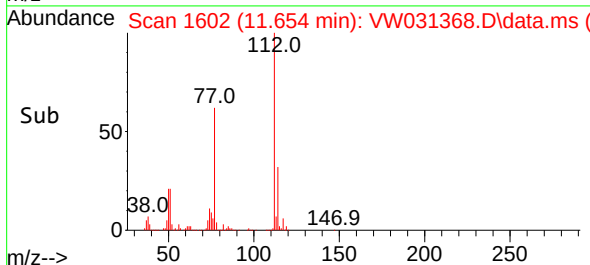
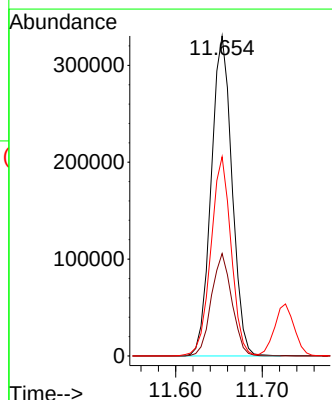
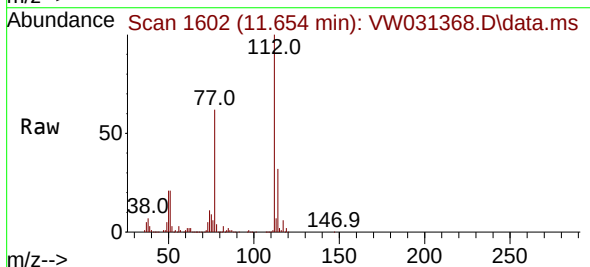
Tgt Ion:112 Resp: 551332

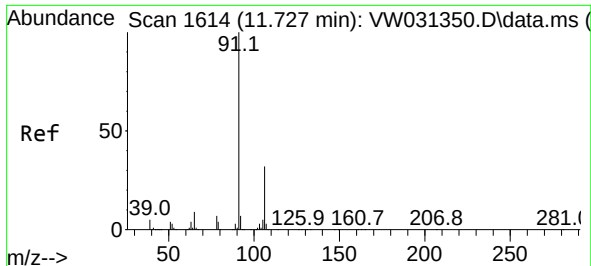
Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.3

77 62.2 50.2 75.4

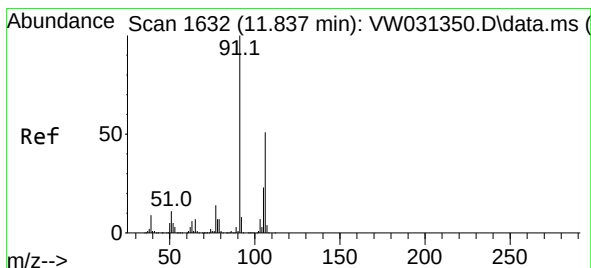
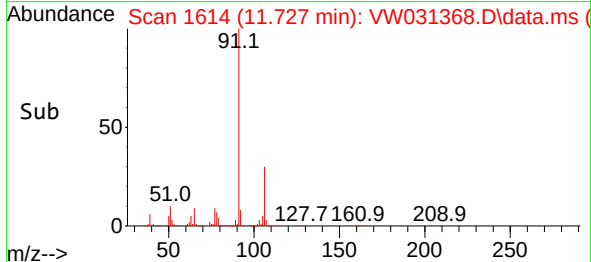
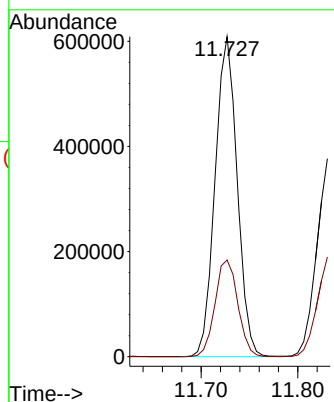
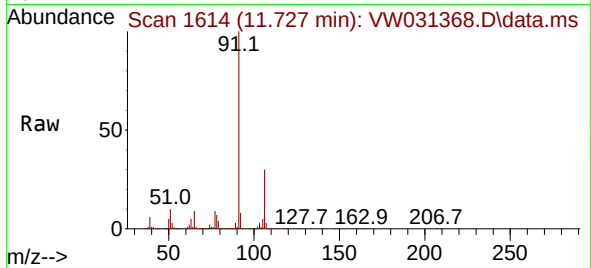




#52
Ethylbenzene
Concen: 24.226 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

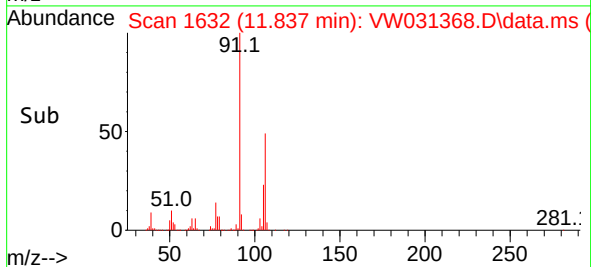
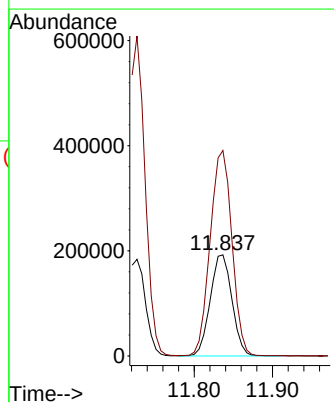
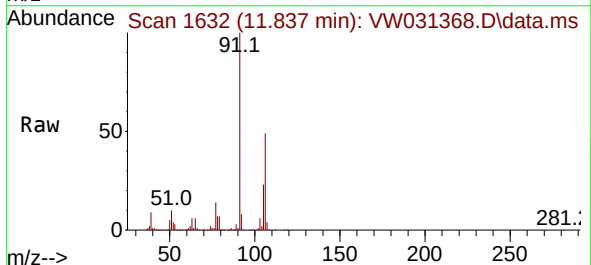
Instrument :
MSVOA_W
ClientSampleId :

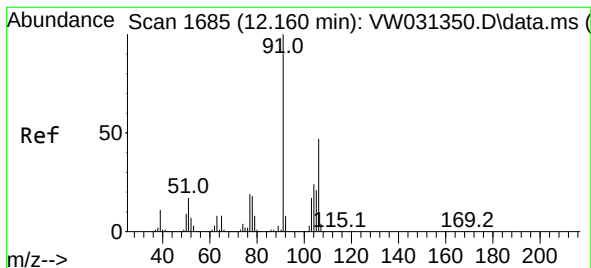
Tgt Ion: 91 Resp: 964590
Ion Ratio Lower Upper
91 100
106 30.2 20.7 38.5



#53
m,p-Xylene
Concen: 24.432 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion: 106 Resp: 370336
Ion Ratio Lower Upper
106 100
91 203.2 139.9 259.7





#54

o-Xylene

Concen: 25.390 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

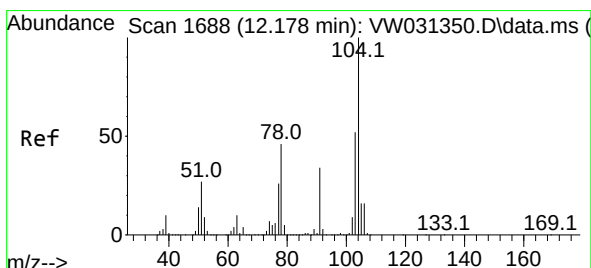
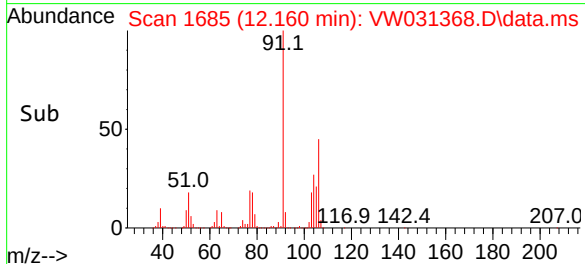
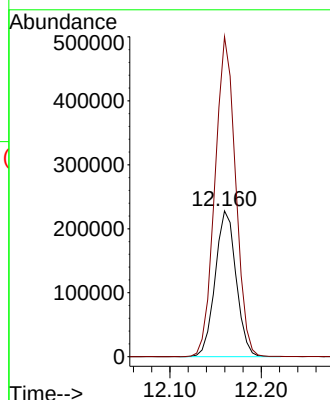
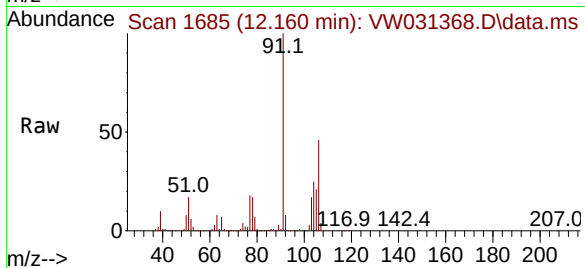
ClientSampleId :

Tgt Ion:106 Resp: 362703

Ion Ratio Lower Upper

106 100

91 219.5 153.1 284.3



#55

Styrene

Concen: 25.763 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031368.D

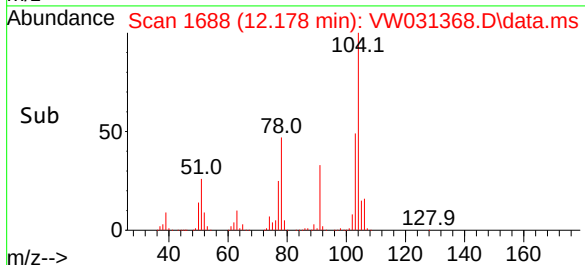
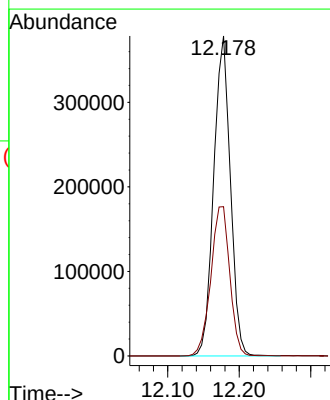
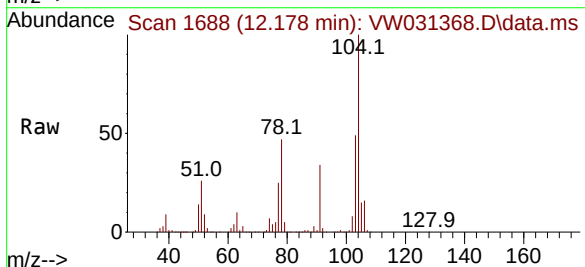
Acq: 19 Dec 2024 03:19

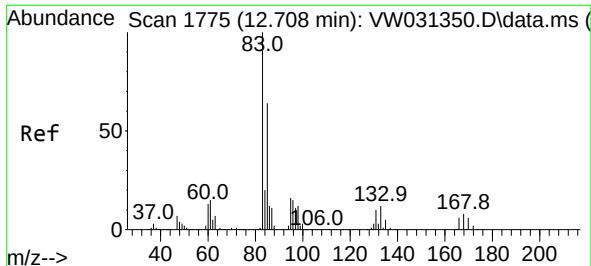
Tgt Ion:104 Resp: 612179

Ion Ratio Lower Upper

104 100

78 46.7 31.4 58.4

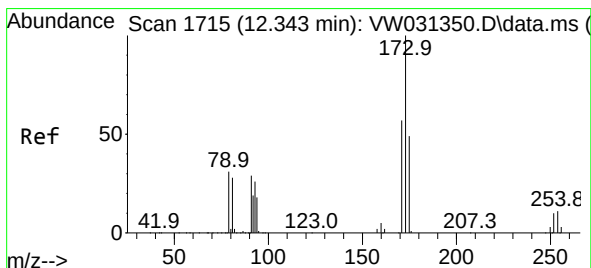
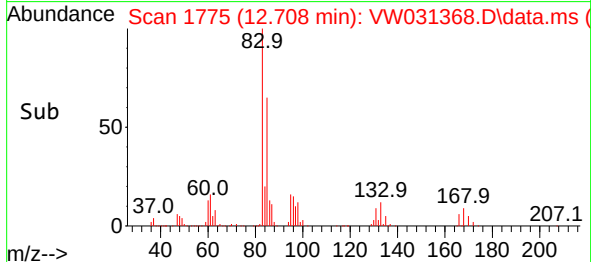
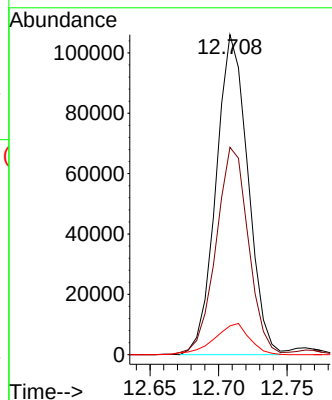
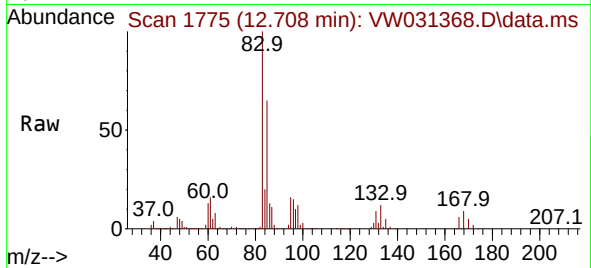




#57
1,1,2,2-Tetrachloroethane
Concen: 30.344 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

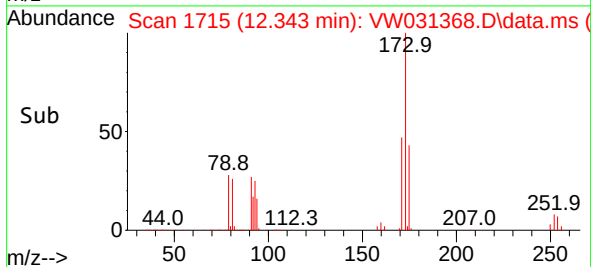
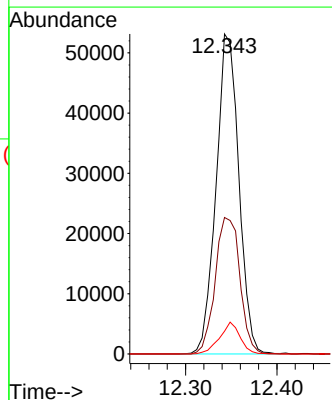
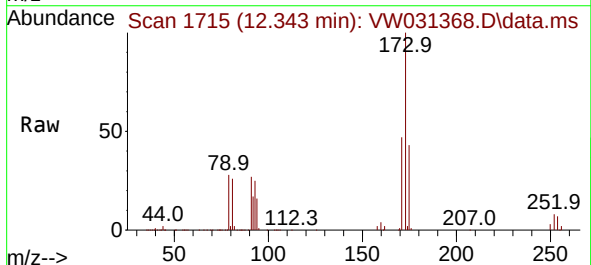
Instrument :
MSVOA_W
ClientSampleId :

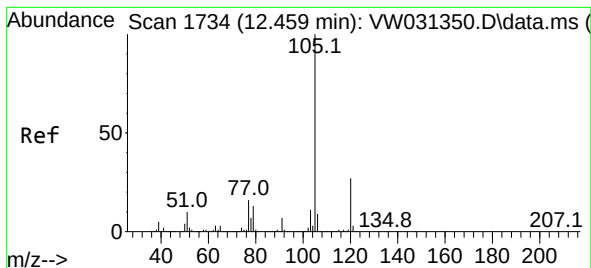
Tgt Ion: 83 Resp: 171275
Ion Ratio Lower Upper
83 100
85 64.8 44.1 81.9
131 9.0 7.9 11.9



#59
Bromoform
Concen: 26.033 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

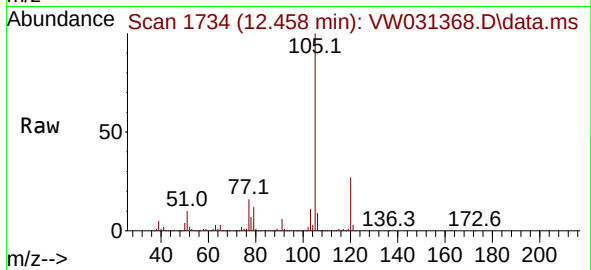
Tgt Ion:173 Resp: 92109
Ion Ratio Lower Upper
173 100
175 46.1 38.6 57.8
254 8.9 7.6 11.4



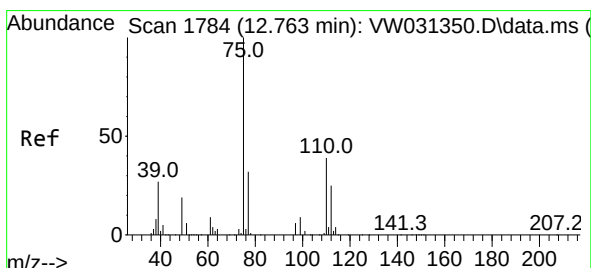
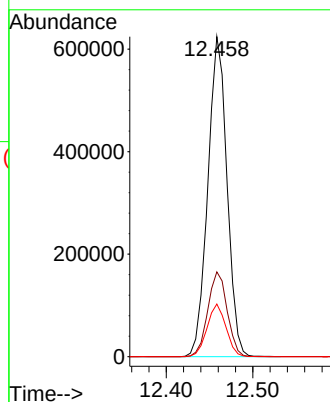
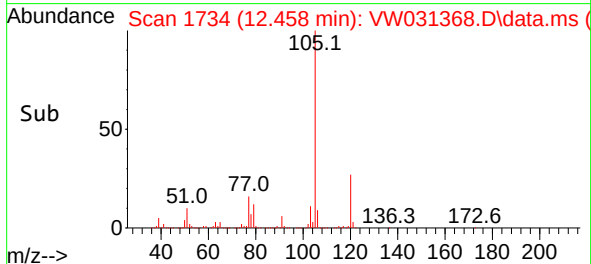


#60
Isopropylbenzene
Concen: 23.277 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

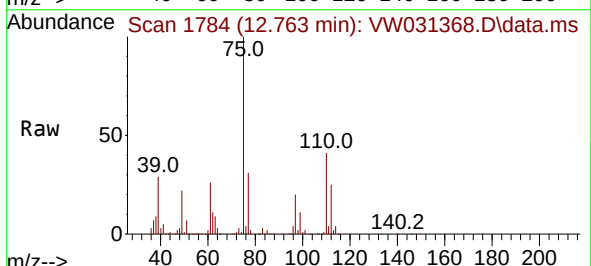
Instrument :
MSVOA_W
ClientSampleId :



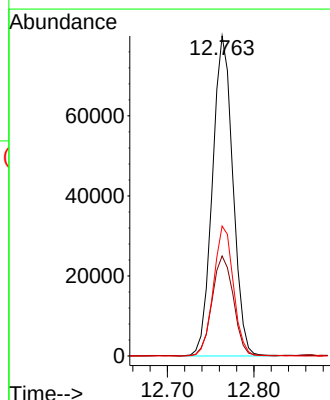
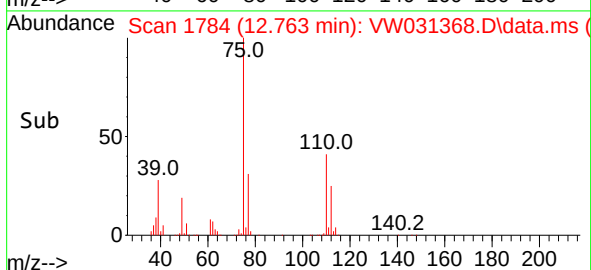
Tgt Ion:105 Resp: 959402
Ion Ratio Lower Upper
105 100
120 26.8 20.6 31.0
77 16.2 12.8 19.2

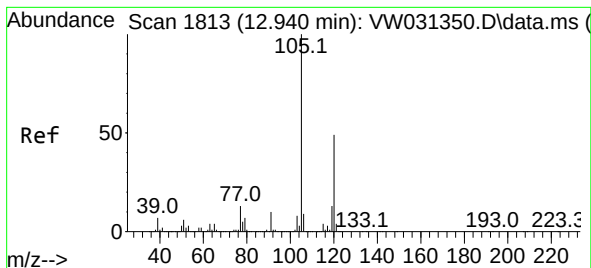


#61
1,2,3-Trichloropropane
Concen: 30.487 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19



Tgt Ion: 75 Resp: 131390
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
110 39.5 31.2 46.8

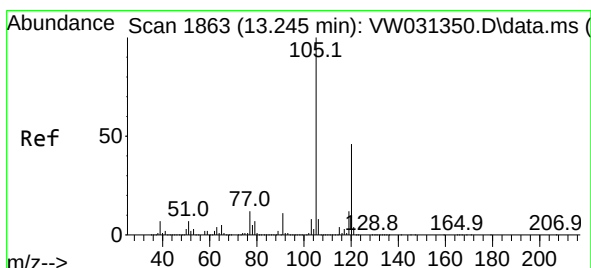
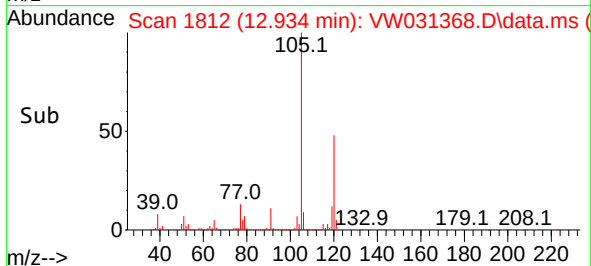
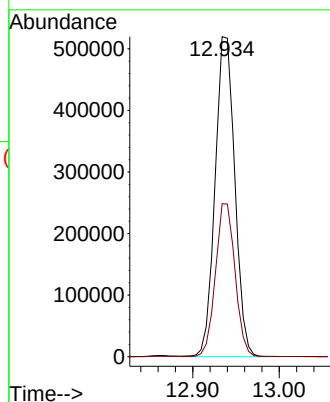
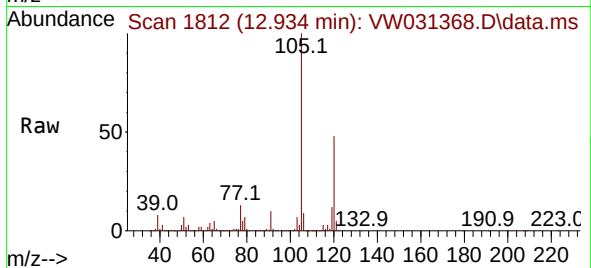




#62
1,3,5-Trimethylbenzene
Concen: 23.527 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

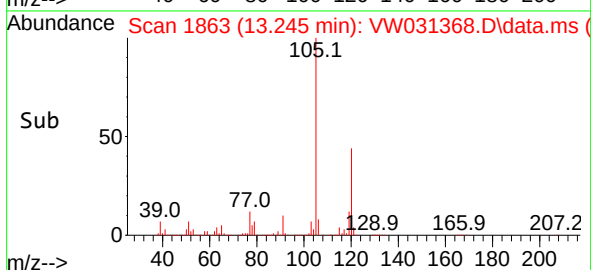
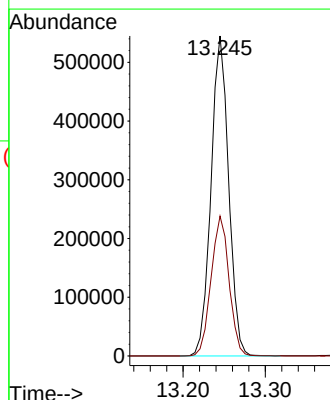
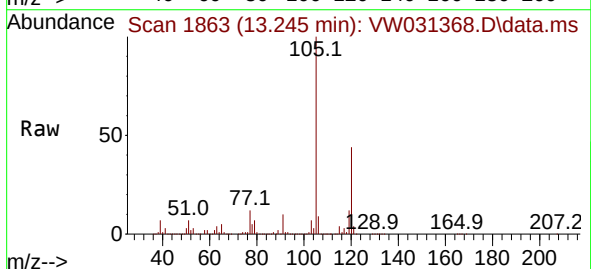
Instrument :
MSVOA_W
ClientSampleId :

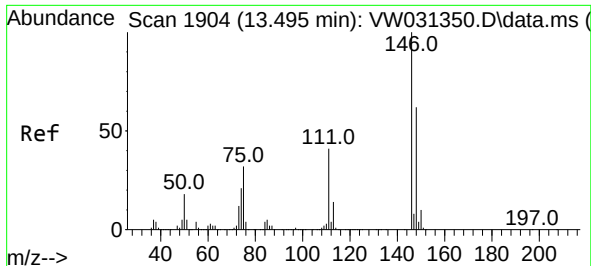
Tgt Ion:105 Resp: 822102
Ion Ratio Lower Upper
105 100
120 47.4 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 24.057 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion:105 Resp: 812500
Ion Ratio Lower Upper
105 100
120 44.6 35.0 52.4

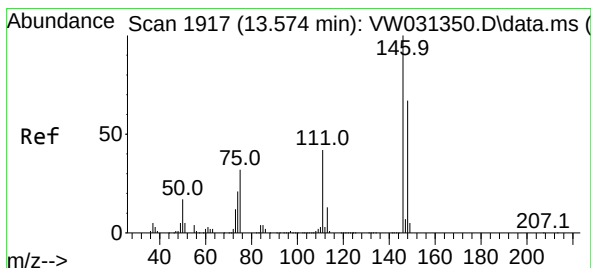
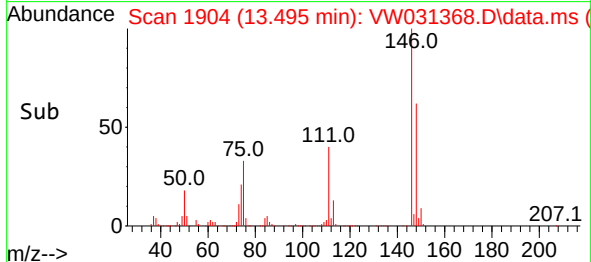
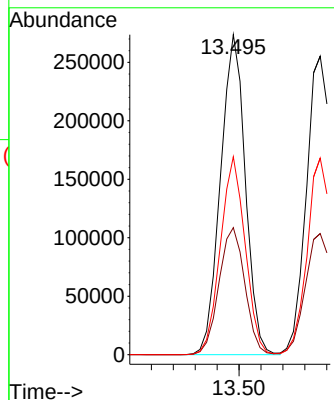
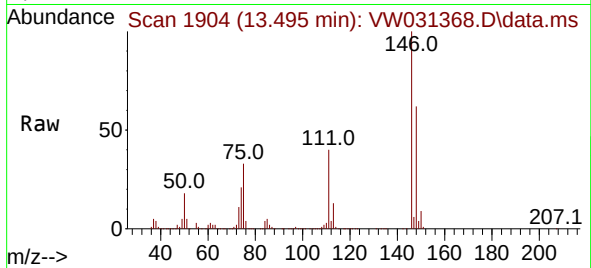




#64
1,3-Dichlorobenzene
Concen: 25.807 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

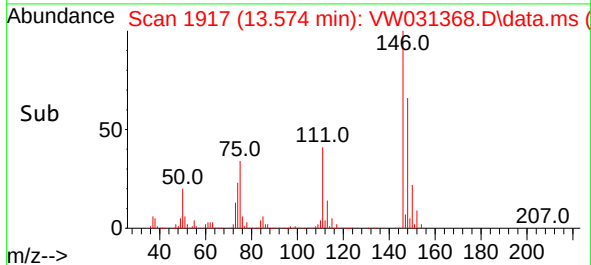
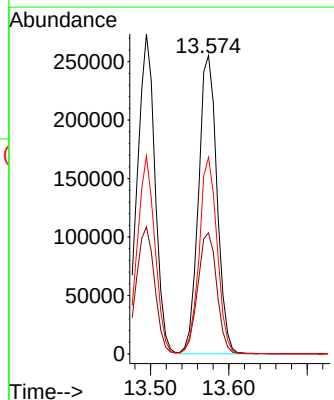
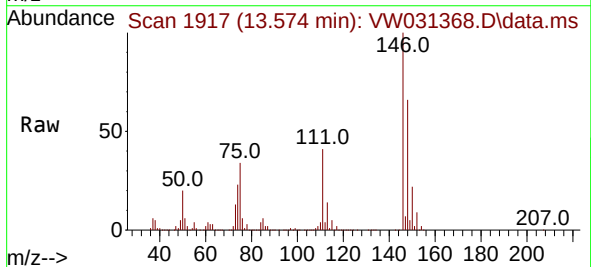
Instrument :
MSVOA_W
ClientSampleId :

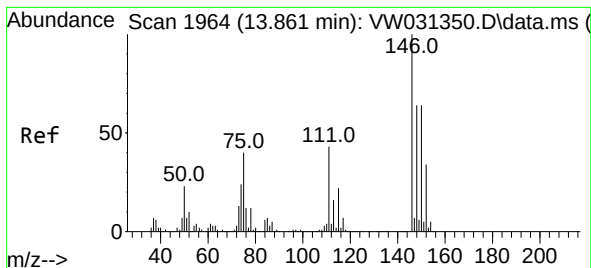
Tgt Ion:146 Resp: 430943
Ion Ratio Lower Upper
146 100
111 39.7 27.6 51.2
148 61.8 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 25.233 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion:146 Resp: 417495
Ion Ratio Lower Upper
146 100
111 40.6 30.7 56.9
148 65.9 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 25.899 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :

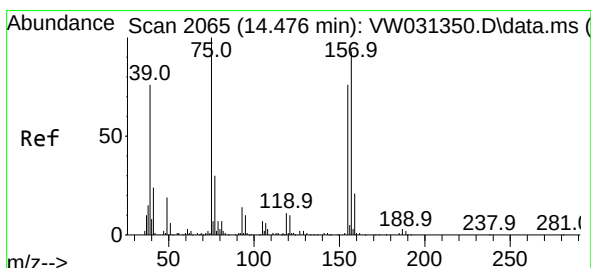
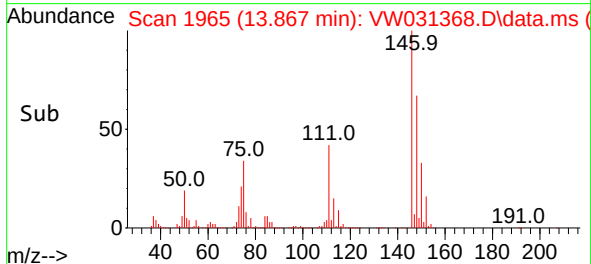
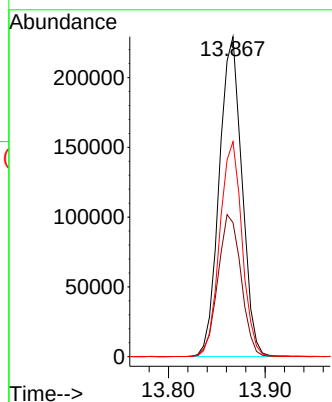
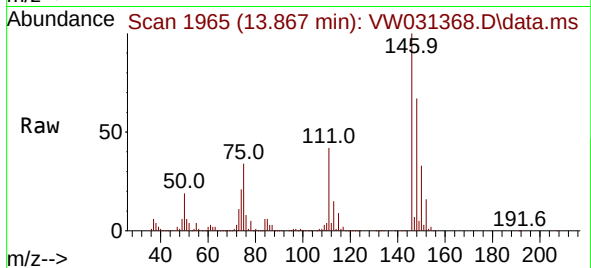
Tgt Ion:146 Resp: 372636

Ion Ratio Lower Upper

146 100

111 41.9 38.6 58.0

148 67.2 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 27.137 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

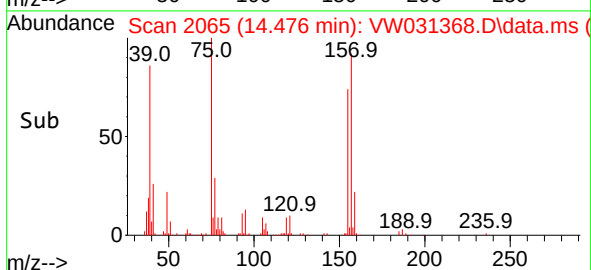
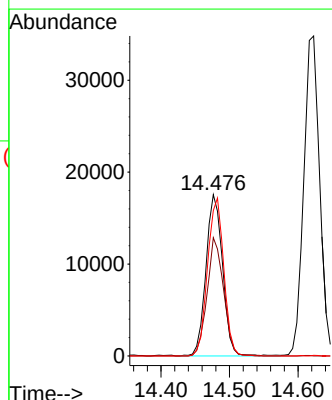
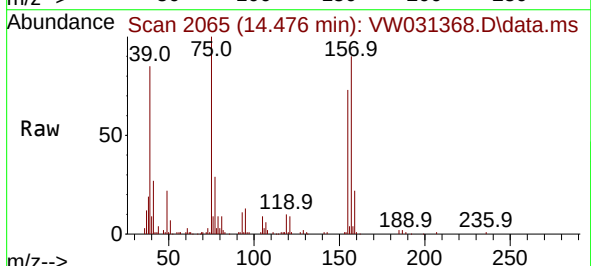
Tgt Ion: 75 Resp: 29679

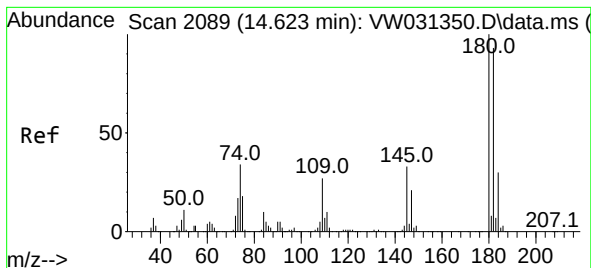
Ion Ratio Lower Upper

75 100

155 73.3 56.6 85.0

157 90.1 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 23.291 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

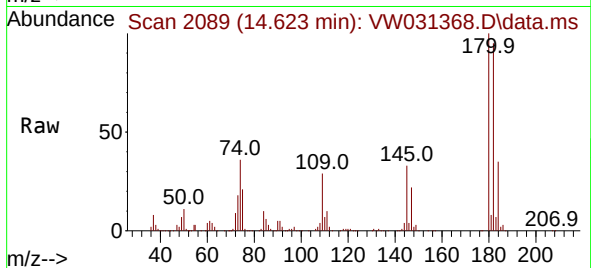
Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 272393

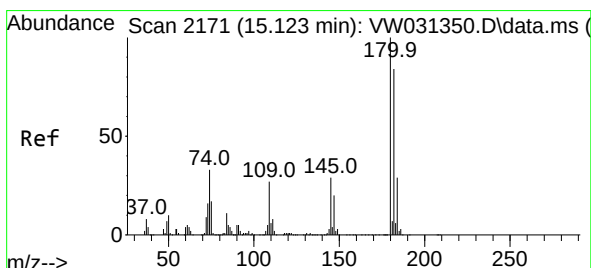
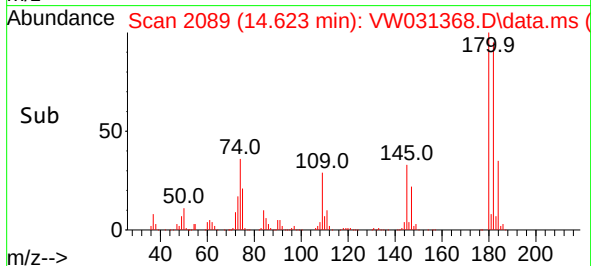
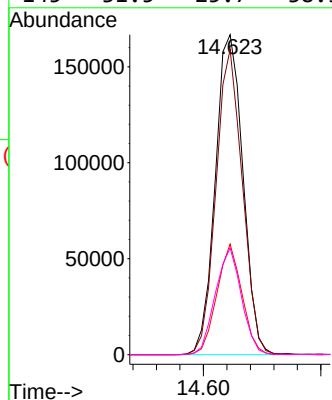
Ion Ratio Lower Upper

180 100

182 91.3 75.0 112.4

184 31.5 24.6 36.8

145 31.5 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.602 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031368.D

Acq: 19 Dec 2024 03:19

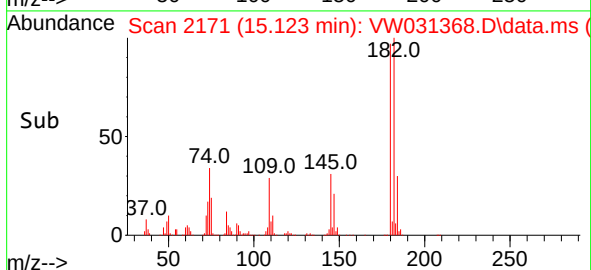
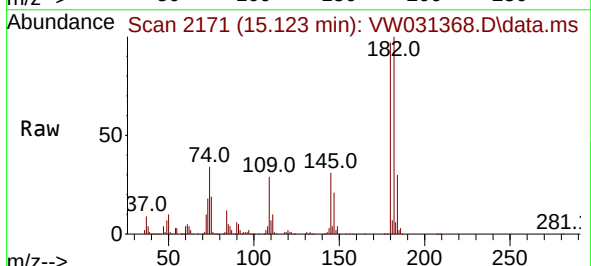
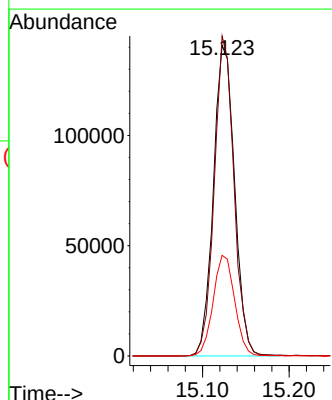
Tgt Ion:180 Resp: 239340

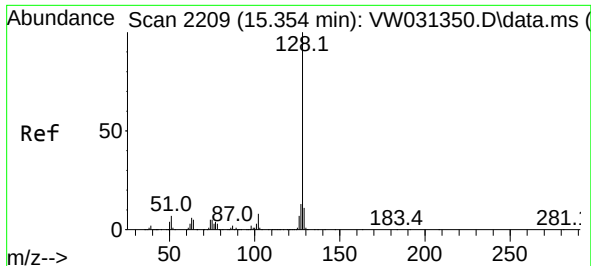
Ion Ratio Lower Upper

180 100

182 95.6 78.2 117.2

145 32.9 26.7 40.1

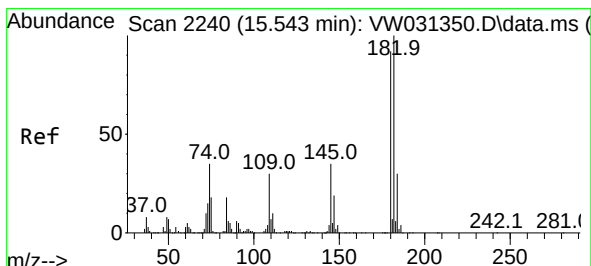
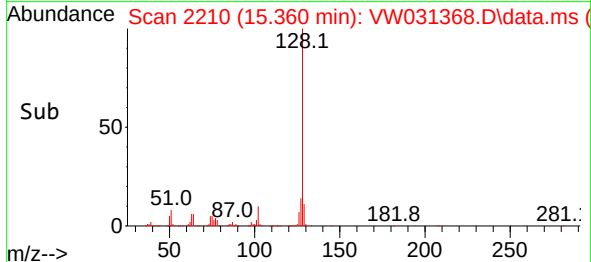
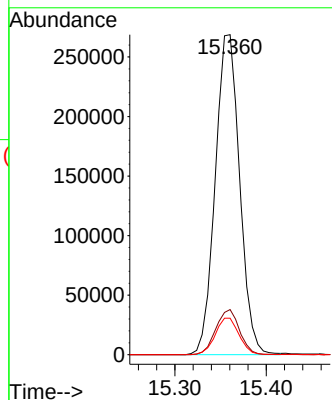
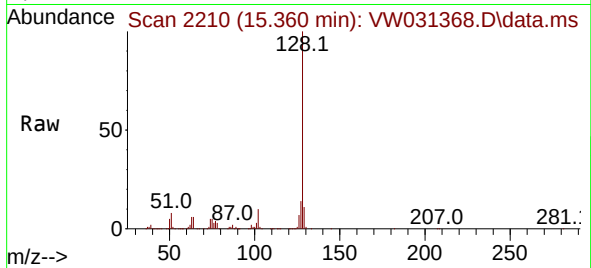




#71
Naphthalene
Concen: 29.276 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 499339
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.2 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 27.437 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW031368.D
Acq: 19 Dec 2024 03:19

Tgt Ion:180 Resp: 215062
Ion Ratio Lower Upper
180 100
182 95.2 75.0 112.4
145 34.5 27.8 41.6

