

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103124\
 Data File : VW030868.D
 Acq On : 31 Oct 2024 18:02
 Operator : SY/MD
 Sample : P4582-03MS
 Misc : 5.91g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 03:15:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	441931	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	423311	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	222581	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	157984	22.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.960%
7) Chloroethane-d5	2.899	69	130832	24.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.520%
11) 1,1-Dichloroethene-d2	4.021	65	55674	19.270	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.080%
21) 2-Butanone-d5	7.069	46	51207	40.962	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.920%
24) Chloroform-d	7.648	84	285529	22.592	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.360%
26) 1,2-Dichloroethane-d4	8.307	65	145467	22.135	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.520%
32) Benzene-d6	8.276	84	517988	21.083	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.320%
36) 1,2-Dichloropropane-d6	9.276	67	152767	21.185	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.720%
41) Toluene-d8	10.319	98	518570	23.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.480%
43) trans-1,3-Dichloroprop...	10.575	79	67367	22.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.240%
47) 2-Hexanone-d5	10.922	63	40980	44.121	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113545	21.440	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	154948	20.574	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	91795	16.258	ug/L	92
3) Chloromethane	2.222	50	129441	19.725	ug/L	100
5) Vinyl chloride	2.375	62	165130	20.462	ug/L	96
6) Bromomethane	2.789	94	114890	21.629	ug/L	90
8) Chloroethane	2.936	64	104650	21.213	ug/L	99
9) Trichlorofluoromethane	3.265	101	117555	16.279	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	113597	17.485	ug/L	97
12) 1,1-Dichloroethene	4.045	96	104169	17.569	ug/L	81
13) Acetone	4.118	43	52921	28.916	ug/L	96
14) Carbon disulfide	4.399	76	340679	17.595	ug/L	99
15) Methyl Acetate	4.667	43	40948	18.112	ug/L	99
16) Methylene chloride	4.917	84	115954	17.356	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	116518	18.212	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	168405	18.807	ug/L	99
19) 1,1-Dichloroethane	6.222	63	225688	18.980	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	136091	19.943	ug/L	97
22) 2-Butanone	7.167	43	64865	32.880	ug/L	100
23) Bromochloromethane	7.514	128	59720	20.004	ug/L	# 87
25) Chloroform	7.673	83	248327	19.542	ug/L	98

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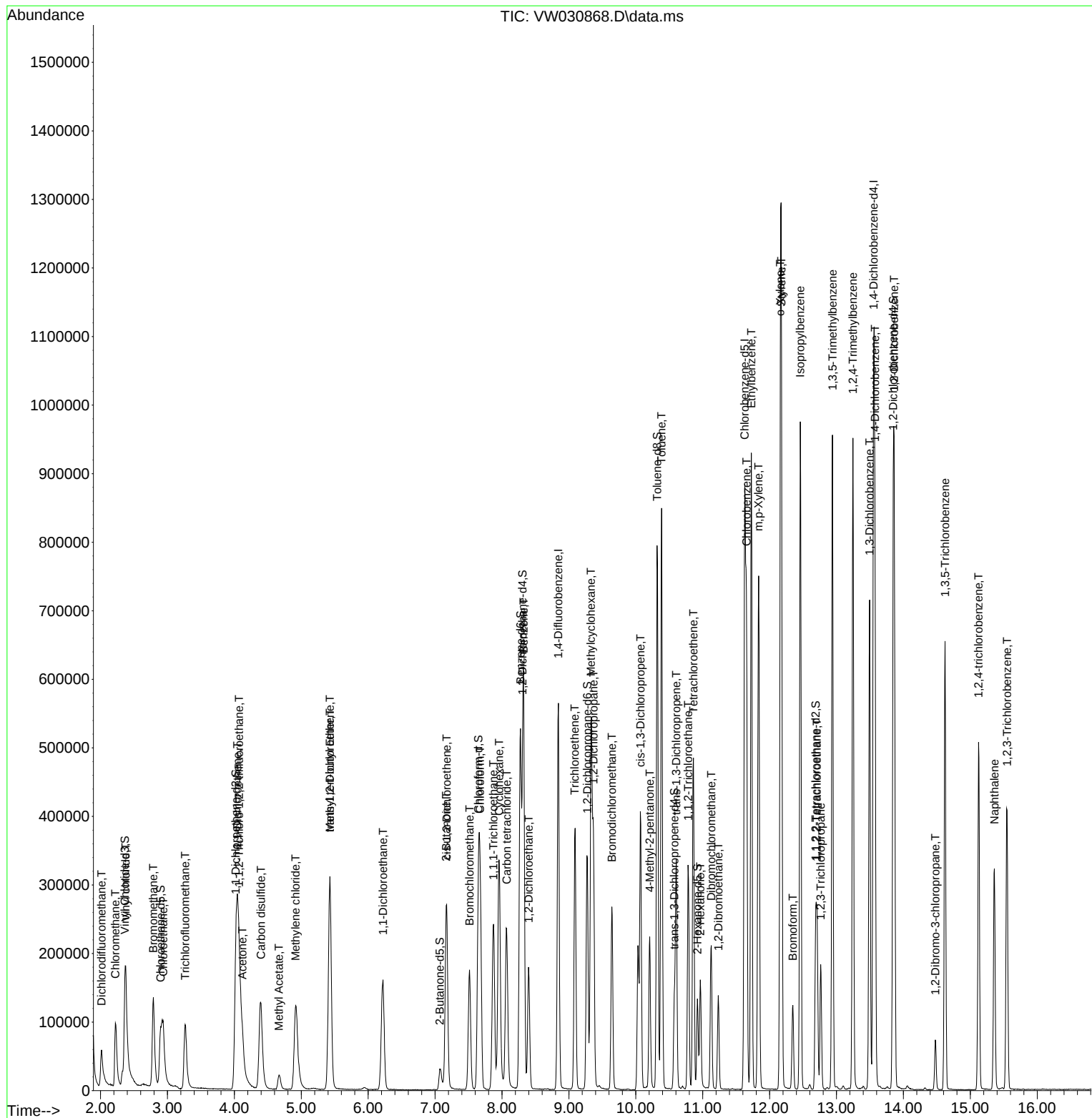
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	160137	19.102	ug/L	99
29) Cyclohexane	7.959	56	182875	17.747	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	197888	17.610	ug/L	98
31) Carbon tetrachloride	8.069	117	172161	17.153	ug/L	99
33) Benzene	8.325	78	508015	18.442	ug/L	100
34) Trichloroethene	9.087	95	129945	16.956	ug/L	92
35) Methylcyclohexane	9.331	83	211606	17.545	ug/L	99
37) 1,2-Dichloropropane	9.367	63	129366	18.803	ug/L	100
38) Bromodichloromethane	9.642	83	173031	18.903	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	224188	21.603	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	140046	42.371	ug/L	99
42) Toluene	10.386	91	578649	19.690	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	169902	19.483	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	96866	19.481	ug/L	96
46) Tetrachloroethene	10.861	164	100619	17.801	ug/L	95
48) 2-Hexanone	10.965	43	94143	34.830	ug/L	99
49) Dibromochloromethane	11.129	129	107139	19.311	ug/L	99
50) 1,2-Dibromoethane	11.233	107	86732	18.693	ug/L #	98
51) Chlorobenzene	11.654	112	341875	18.071	ug/L	97
52) Ethylbenzene	11.727	91	616771	18.392	ug/L	99
53) m,p-Xylene	11.837	106	227348	18.096	ug/L	89
54) o-Xylene	12.160	106	218800	18.838	ug/L	86
55) Styrene	12.178	104	379586	19.117	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	105356	18.789	ug/L	98
59) Bromoform	12.349	173	52881	16.910	ug/L	99
60) Isopropylbenzene	12.458	105	591217	17.152	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	71880	16.596	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	484463	17.815	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	483929	18.175	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	265696	17.709	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	277893	17.938	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	243884	18.472	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18411	19.064	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	190682	19.273	ug/L	91
70) 1,2,4-trichlorobenzene	15.123	180	149077	18.717	ug/L	99
71) Naphthalene	15.360	128	266638	19.377	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	133733	19.368	ug/L	98

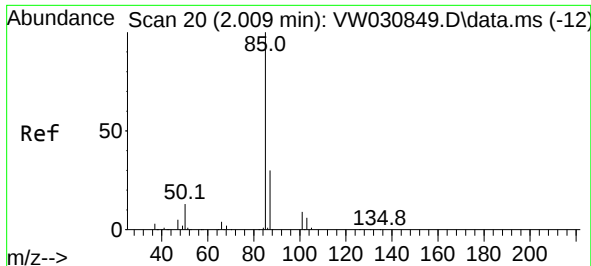
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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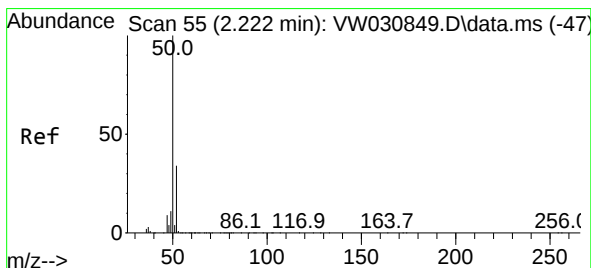
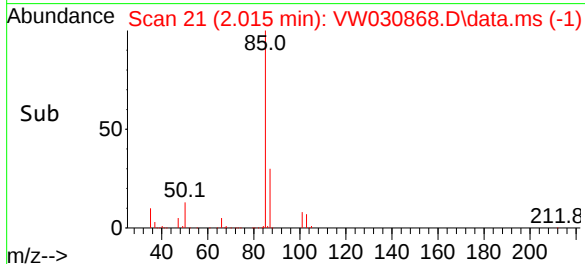
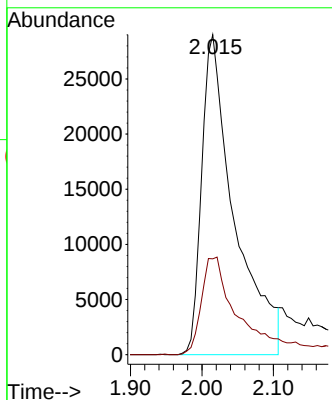
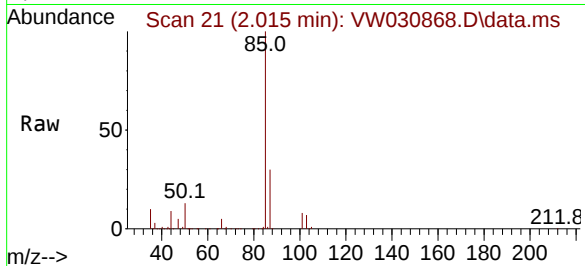




#2
Dichlorodifluoromethane
Concen: 16.258 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

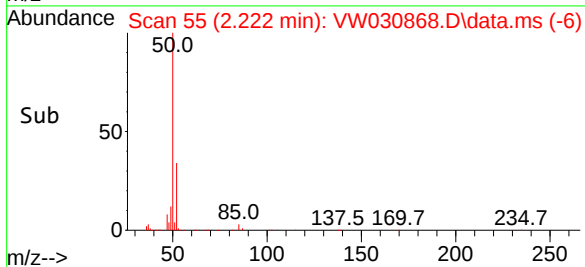
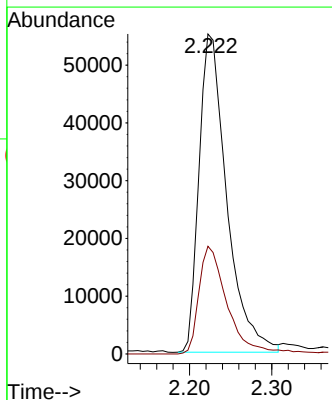
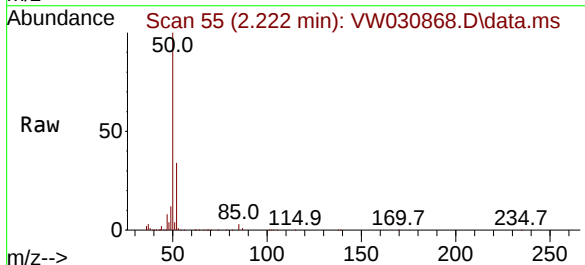
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MSVOA_W
ClientSampleId :

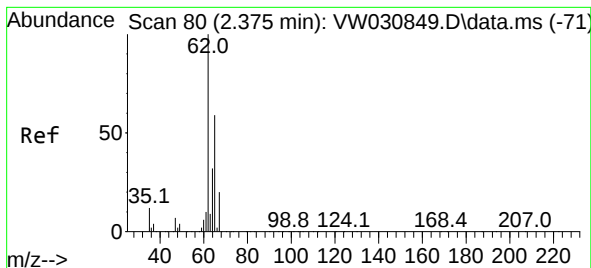
Tgt Ion: 85 Resp: 91795
Ion Ratio Lower Upper
85 100
87 33.9 23.8 35.6



#3
Chloromethane
Concen: 19.725 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion: 50 Resp: 129441
Ion Ratio Lower Upper
50 100
52 33.6 23.7 43.9





#5

Vinyl chloride

Concen: 20.462 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

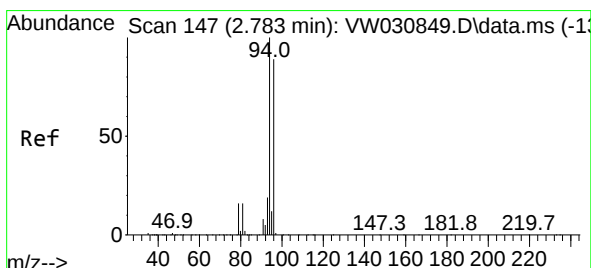
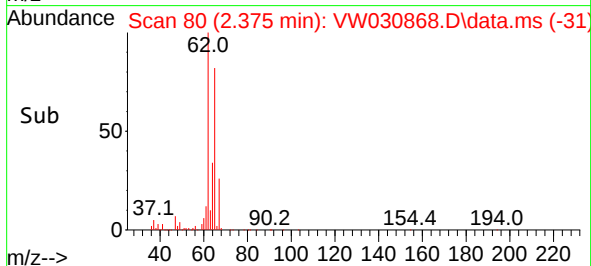
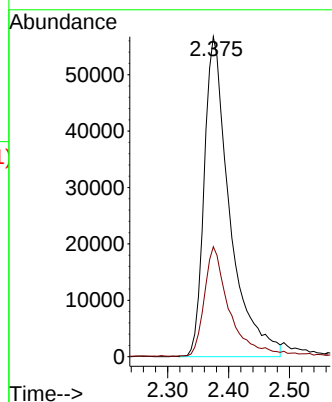
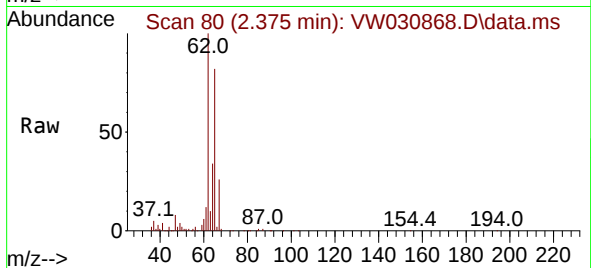
ClientSampleId :

Tgt Ion: 62 Resp: 165130

Ion Ratio Lower Upper

62 100

64 34.3 22.6 42.0



#6

Bromomethane

Concen: 21.629 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.006 min

Lab File: VW030868.D

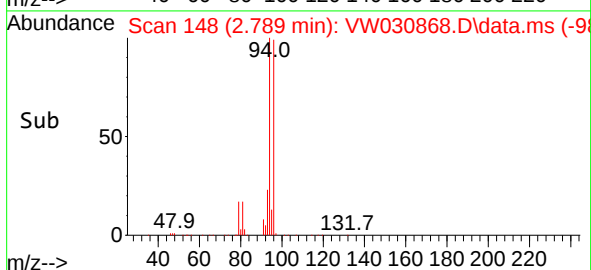
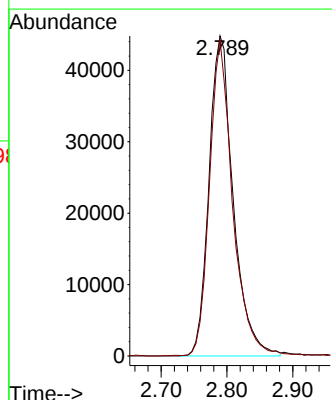
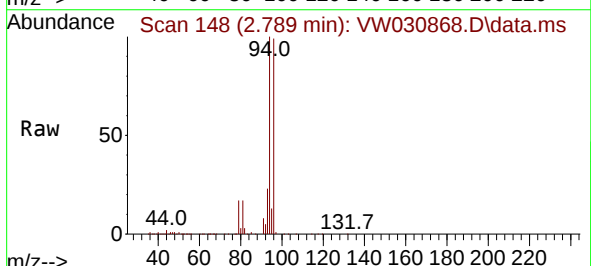
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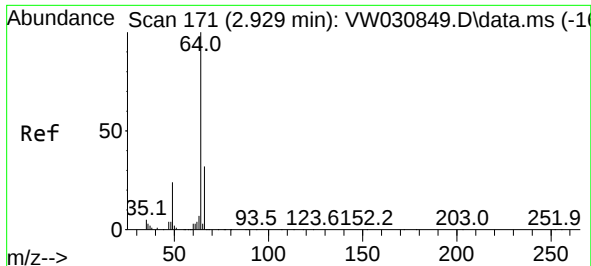
Tgt Ion: 94 Resp: 114890

Ion Ratio Lower Upper

94 100

96 98.8 62.6 116.2

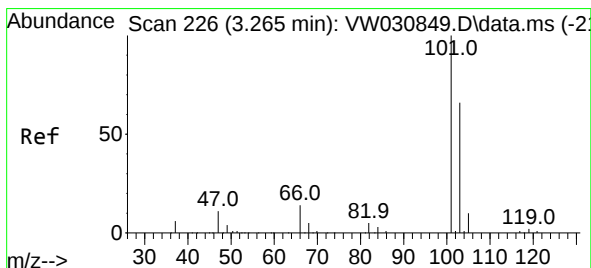
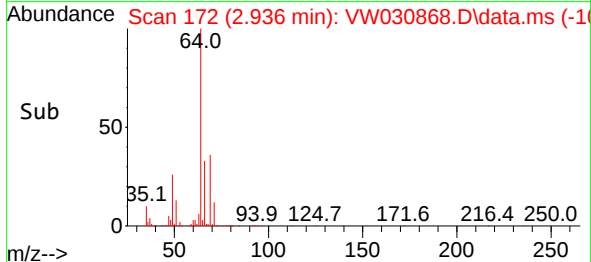
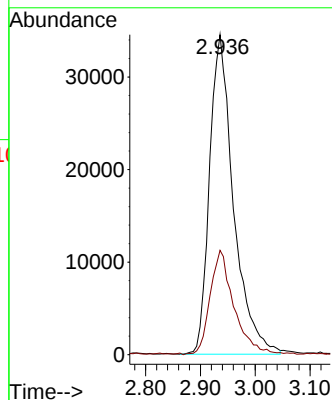
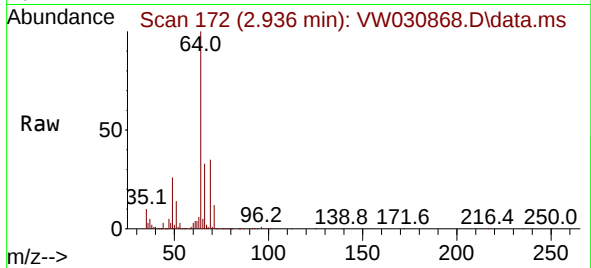




#8
Chloroethane
Concen: 21.213 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

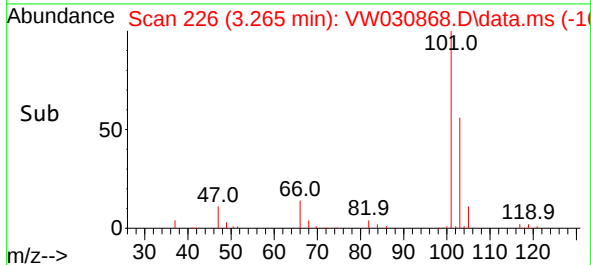
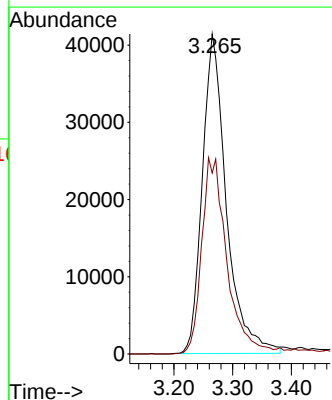
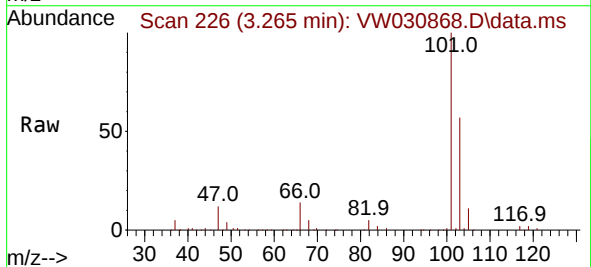
Instrument :
MSVOA_W
ClientSampleId :

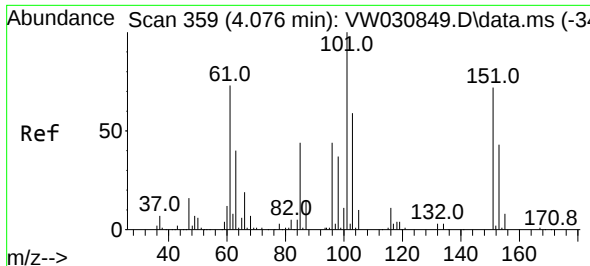
Tgt Ion: 64 Resp: 104650
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 16.279 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion:101 Resp: 117555
Ion Ratio Lower Upper
101 100
103 64.2 51.1 76.7

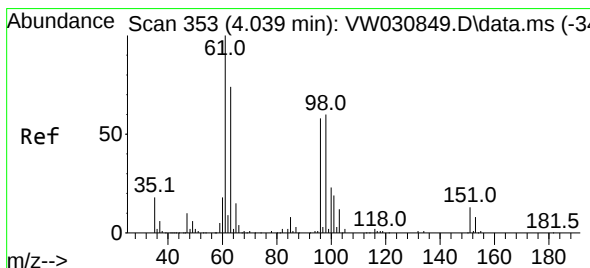
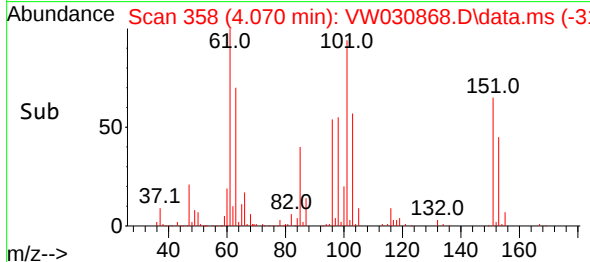
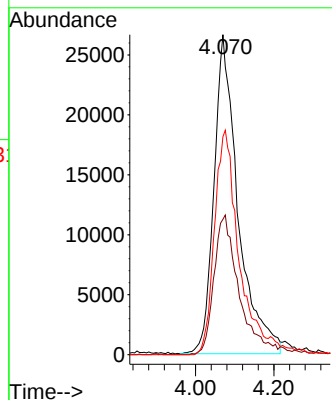
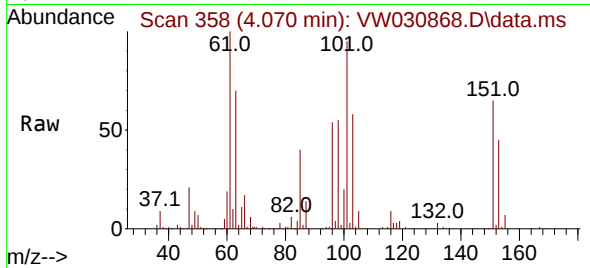




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.485 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW030868.D
 Acq: 31 Oct 2024 18:02

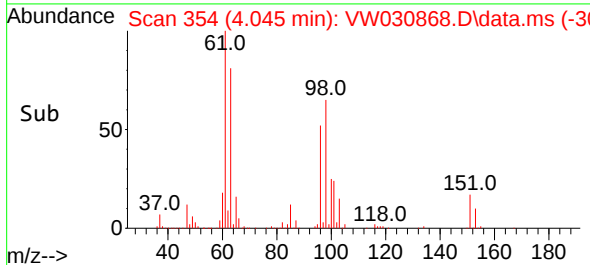
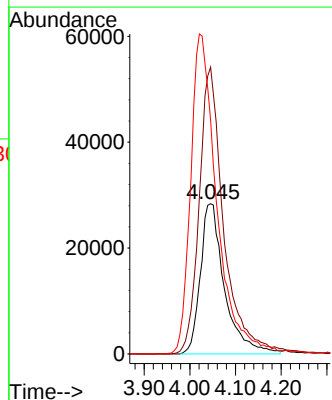
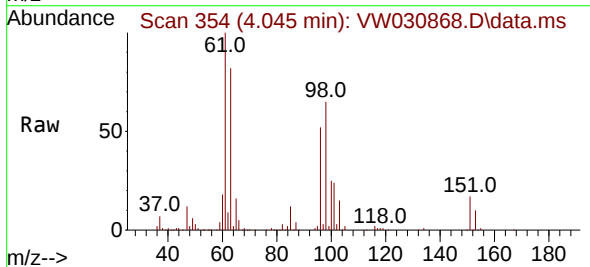
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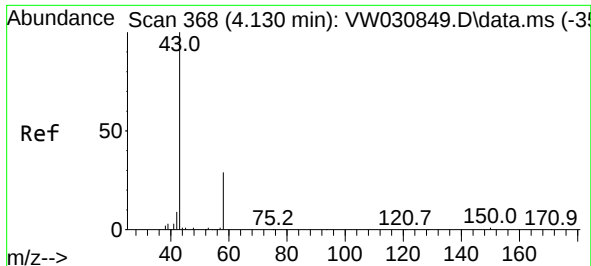
Tgt Ion:101 Resp: 113597
 Ion Ratio Lower Upper
 101 100
 85 40.6 35.7 53.5
 151 69.8 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 17.569 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030868.D
 Acq: 31 Oct 2024 18:02

Tgt Ion: 96 Resp: 104169
 Ion Ratio Lower Upper
 96 100
 61 191.0 121.3 225.3
 63 155.8 87.6 162.8

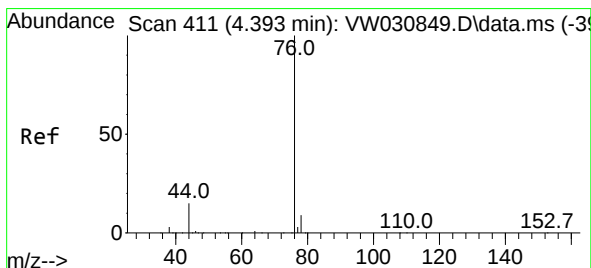
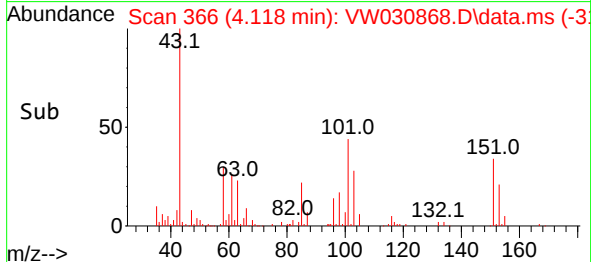
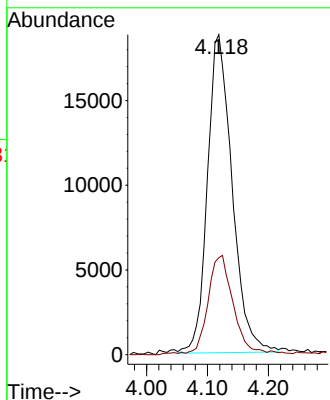
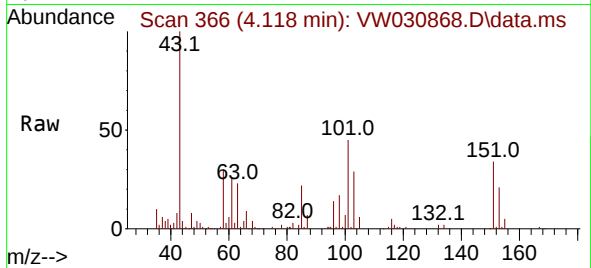




#13
Acetone
Concen: 28.916 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

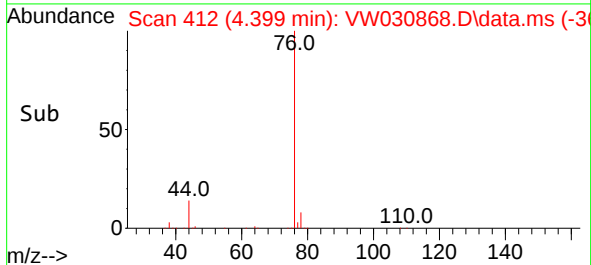
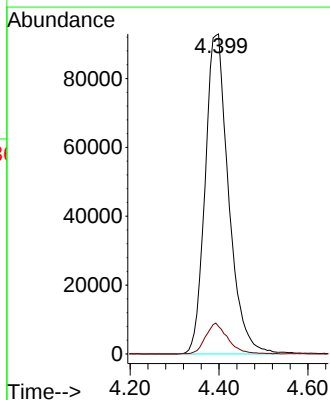
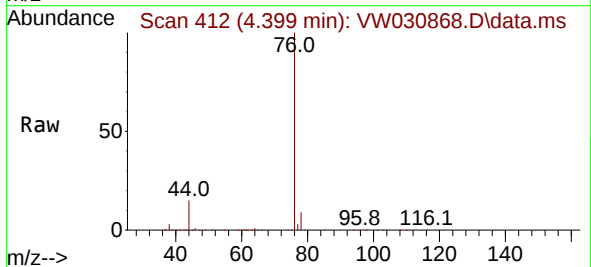
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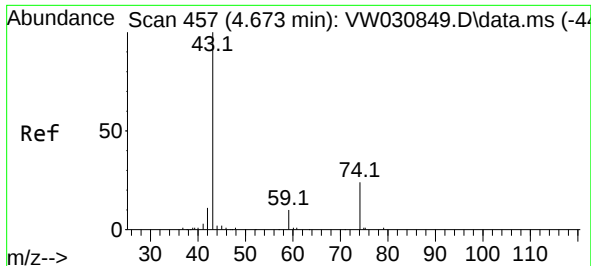
Tgt Ion: 43 Resp: 52921
Ion Ratio Lower Upper
43 100
58 30.8 0.0 57.6



#14
Carbon disulfide
Concen: 17.595 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion: 76 Resp: 340679
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

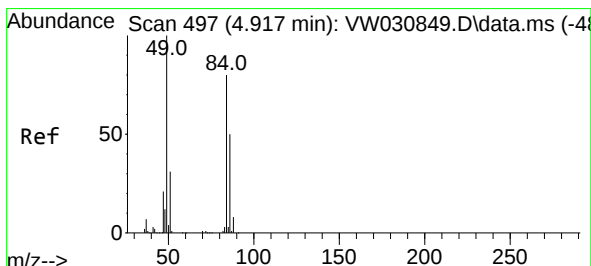
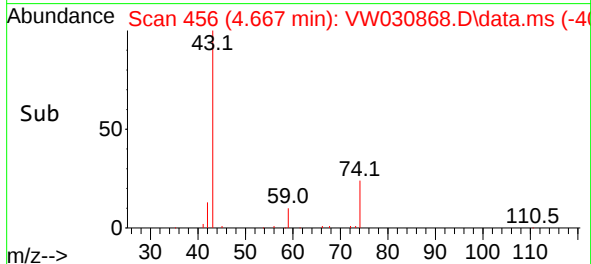
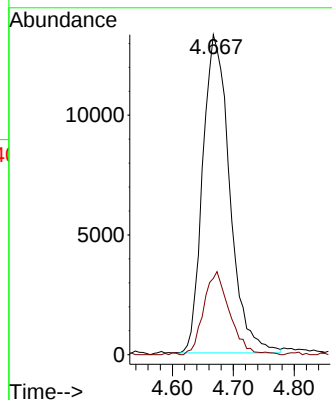
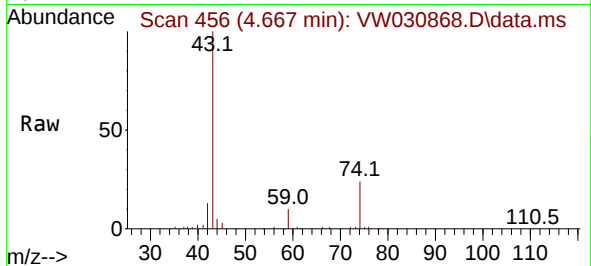




#15
Methyl Acetate
Concen: 18.112 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

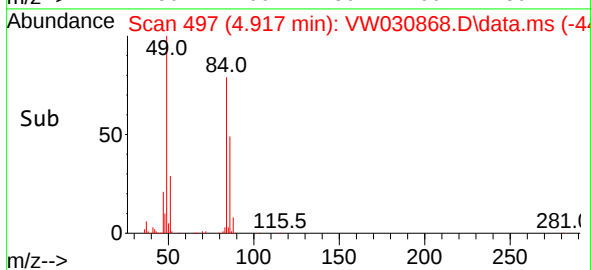
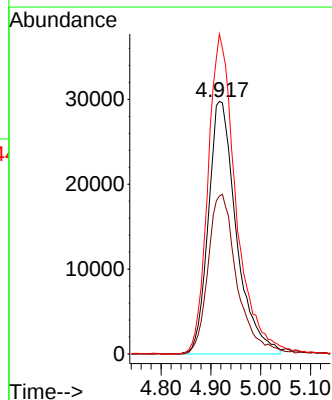
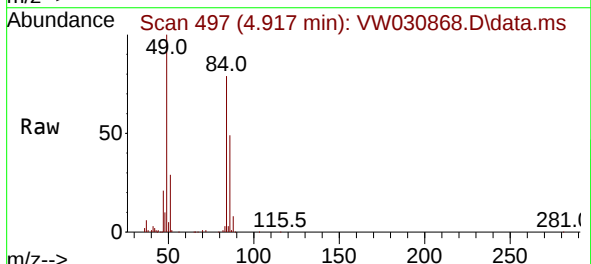
Instrument :
MSVOA_W
ClientSampleId :

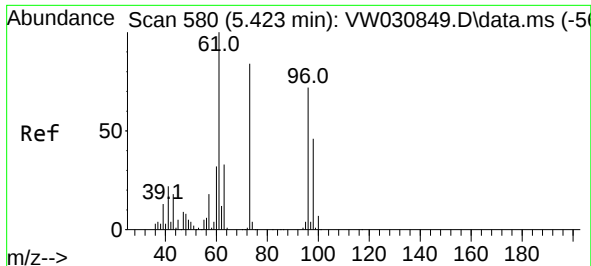
Tgt Ion: 43 Resp: 40948
Ion Ratio Lower Upper
43 100
74 24.8 19.3 28.9



#16
Methylene chloride
Concen: 17.356 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion: 84 Resp: 115954
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.3
49 126.8 88.3 164.1

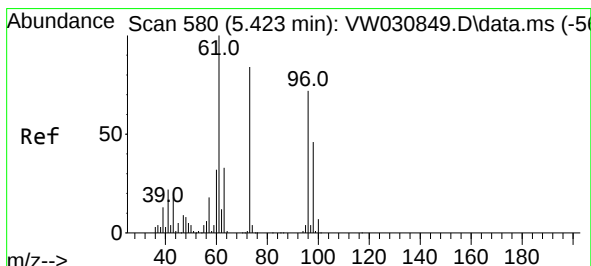
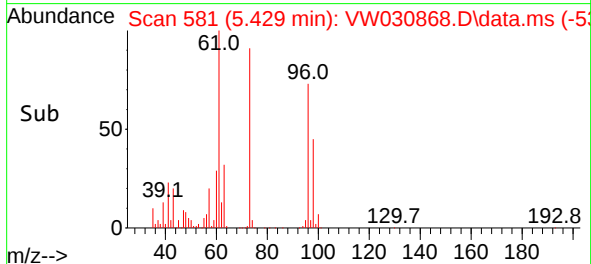
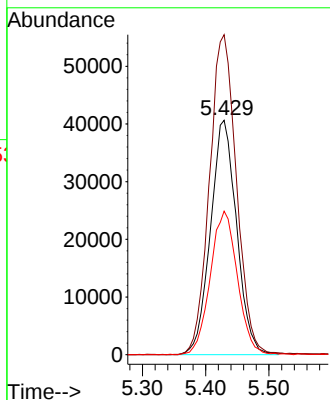
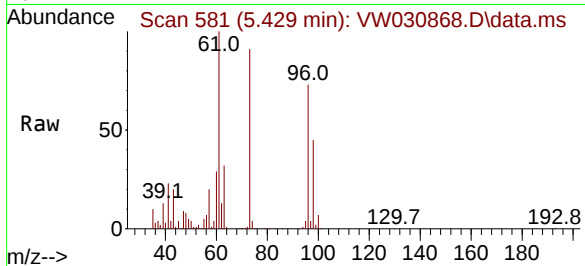




#17
trans-1,2-Dichloroethene
Concen: 18.212 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

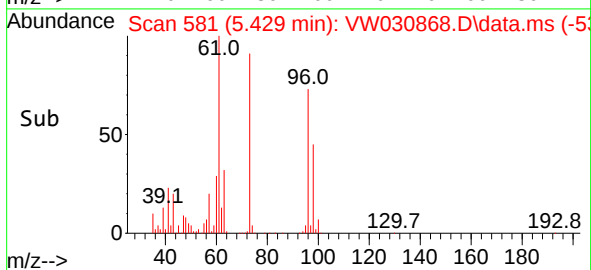
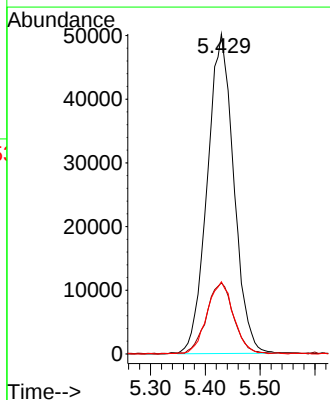
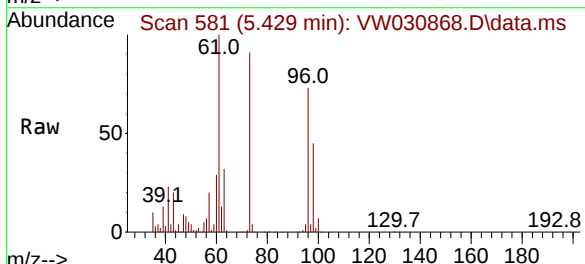
Instrument :
MSVOA_W
ClientSampleId :

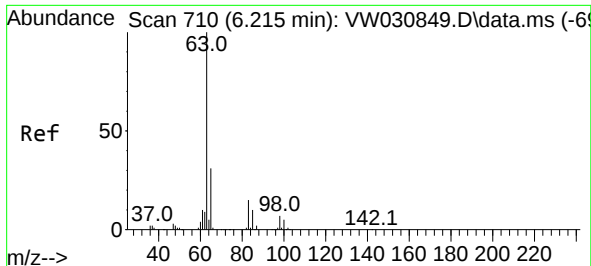
Tgt Ion: 96 Resp: 116518
Ion Ratio Lower Upper
96 100
61 136.5 96.9 179.9
98 61.2 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 18.807 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion: 73 Resp: 168405
Ion Ratio Lower Upper
73 100
43 22.3 18.1 27.1
57 22.4 17.7 26.5





#19

1,1-Dichloroethane

Concen: 18.980 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

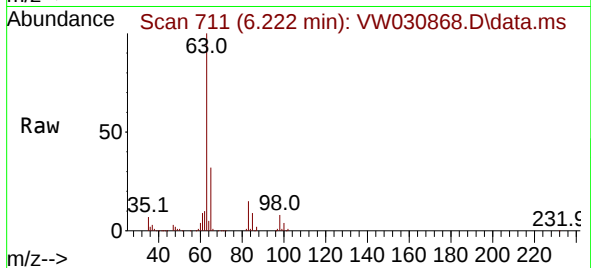
Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

ClientSampleId :



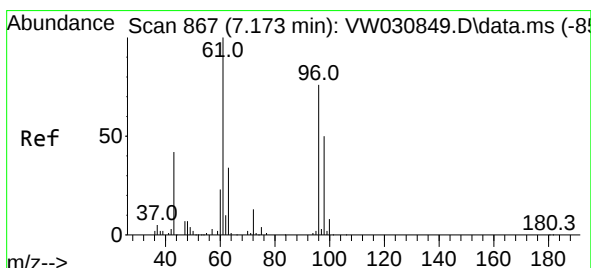
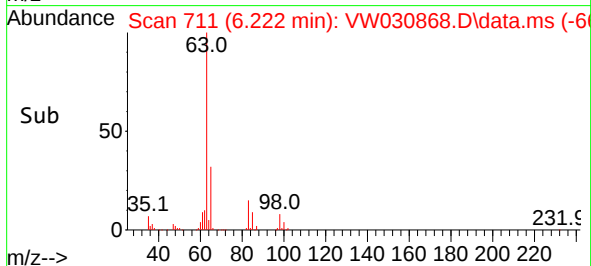
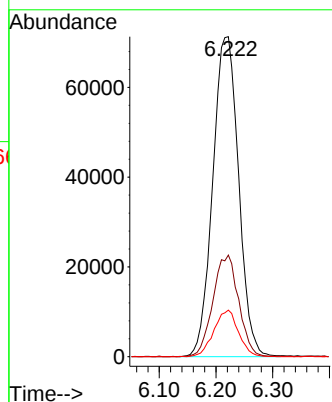
Tgt Ion: 63 Resp: 225688

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.9

83 14.6 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 19.943 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

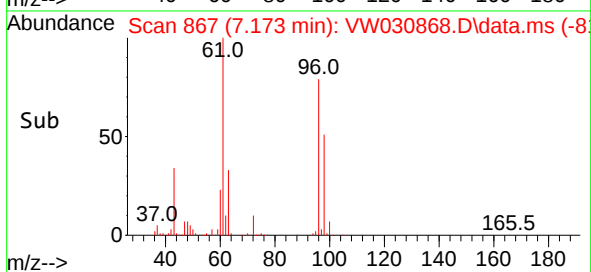
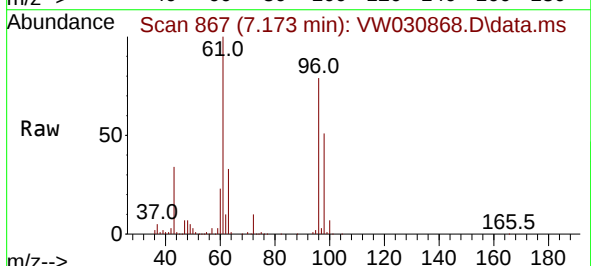
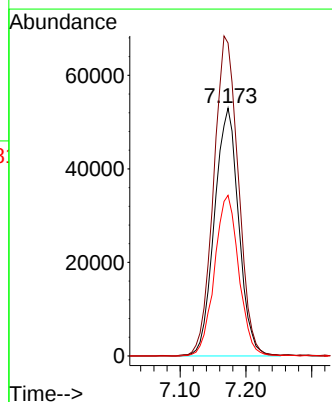
Tgt Ion: 96 Resp: 136091

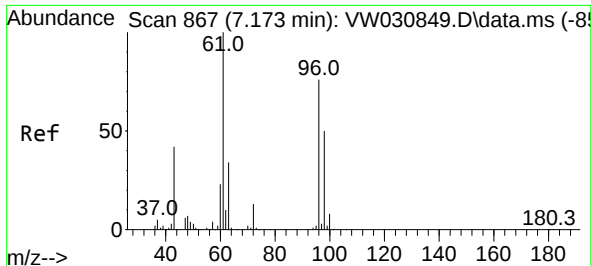
Ion Ratio Lower Upper

96 100

61 126.3 88.3 163.9

98 64.8 41.3 76.7

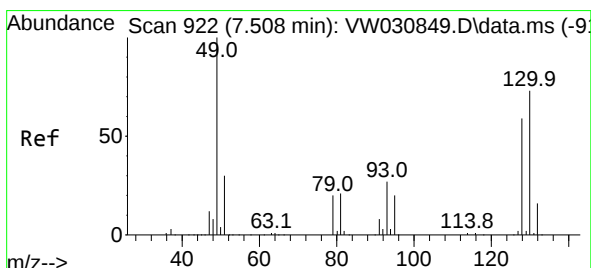
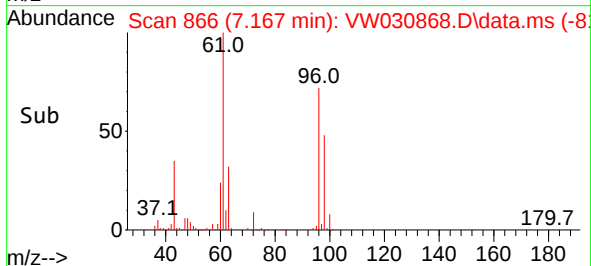
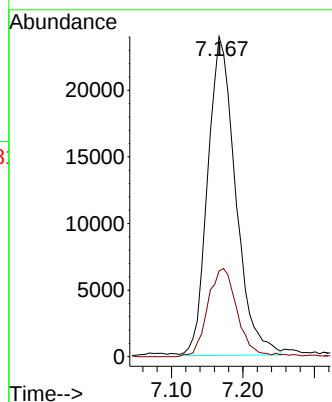
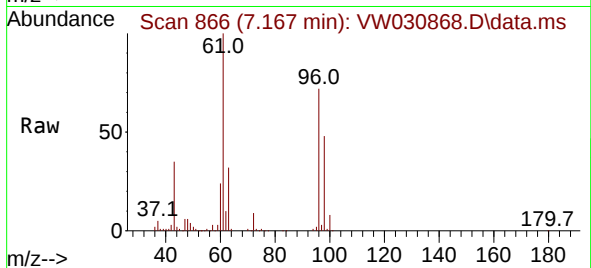




#22
2-Butanone
Concen: 32.880 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

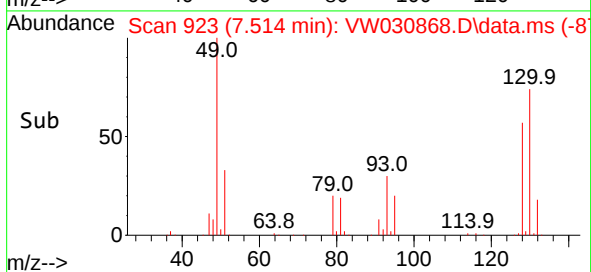
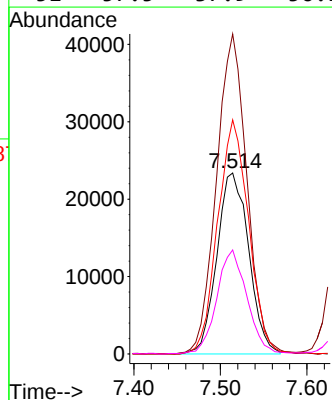
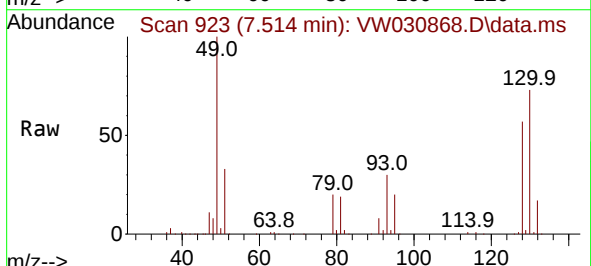
Instrument :
MSVOA_W
ClientSampleId :

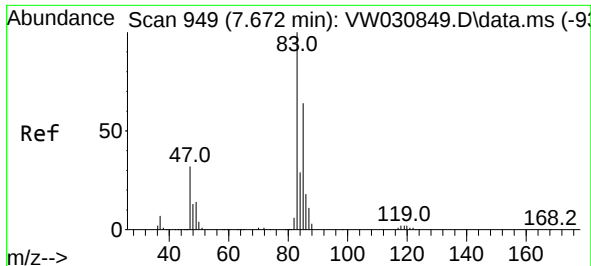
Tgt Ion: 43 Resp: 64865
Ion Ratio Lower Upper
43 100
72 28.7 14.4 43.0



#23
Bromochloromethane
Concen: 20.004 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

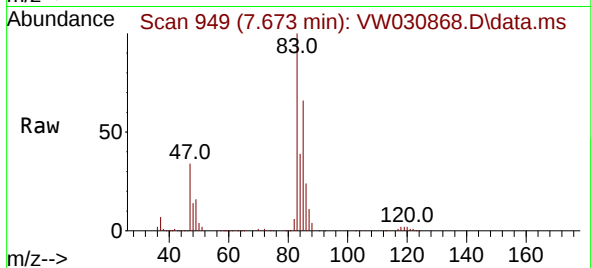
Tgt Ion:128 Resp: 59720
Ion Ratio Lower Upper
128 100
49 176.8 110.1 204.5
130 129.3 82.9 153.9
51 57.5 37.9 56.9#



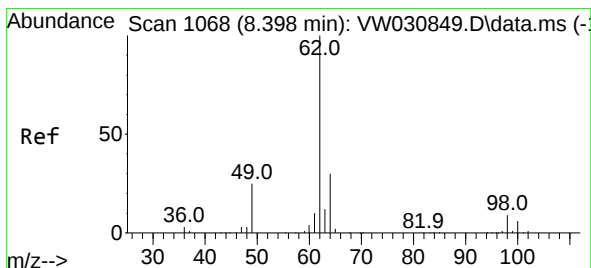
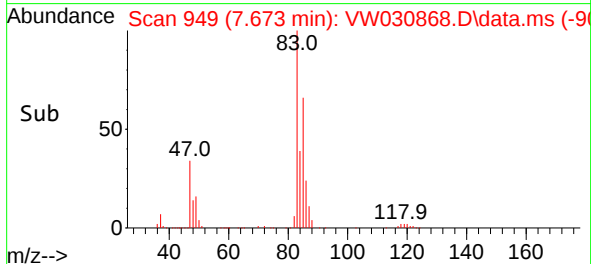
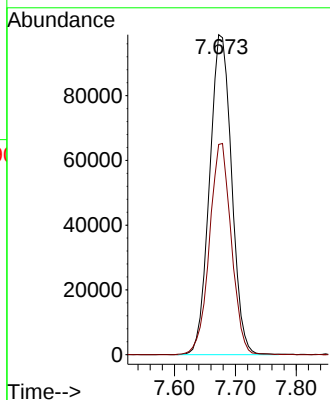


#25
Chloroform
Concen: 19.542 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Instrument :
MSVOA_W
ClientSampleId :

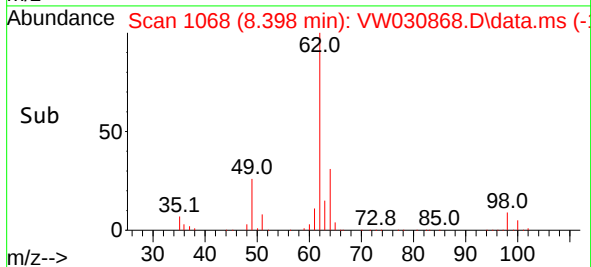
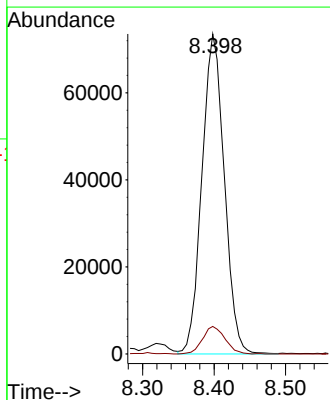
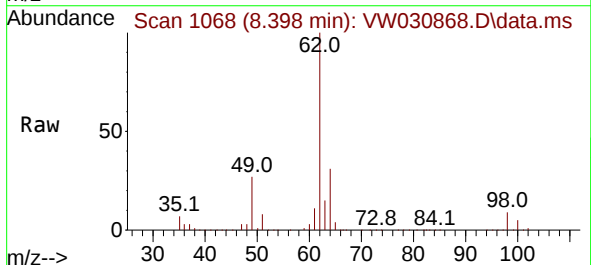


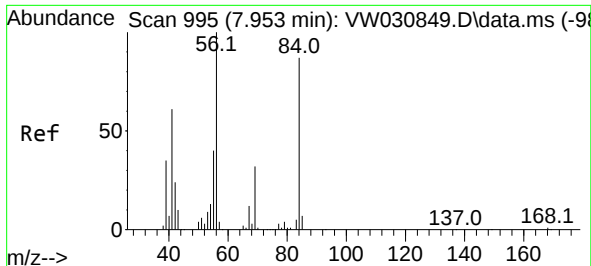
Tgt Ion: 83 Resp: 248327
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 19.102 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion: 62 Resp: 160137
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#29

Cyclohexane

Concen: 17.747 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

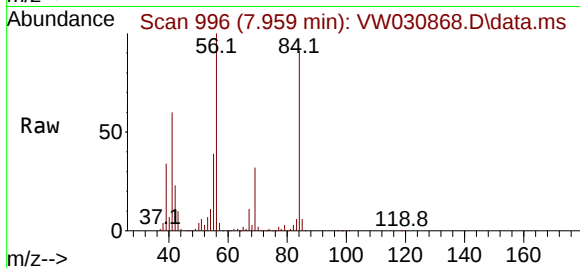
Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

ClientSampleId :



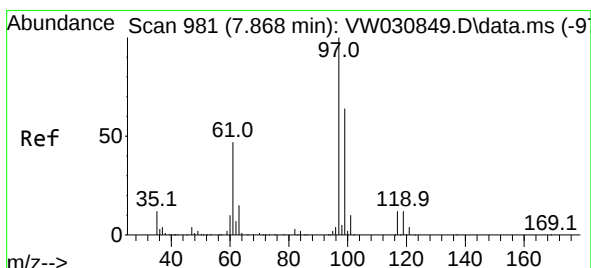
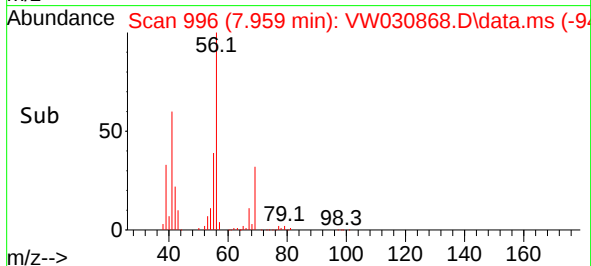
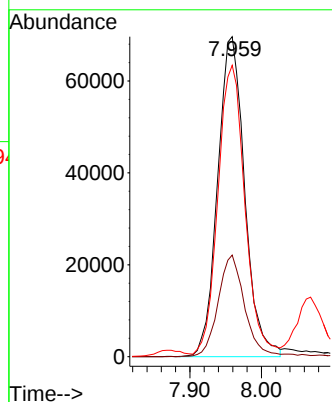
Tgt Ion: 56 Resp: 182875

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 90.7 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 17.610 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

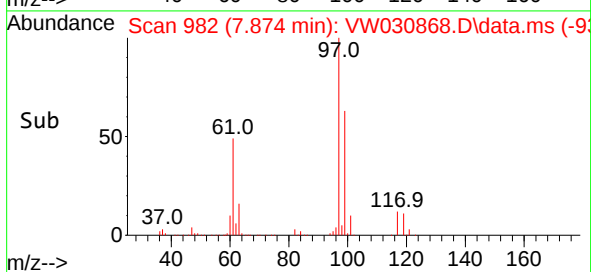
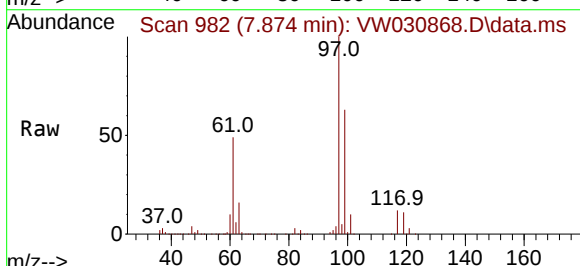
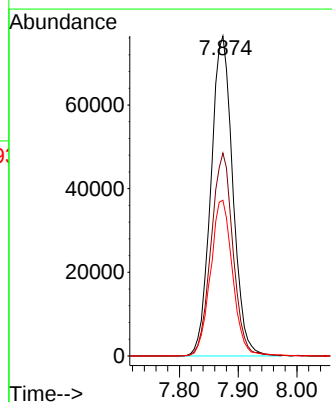
Tgt Ion: 97 Resp: 197888

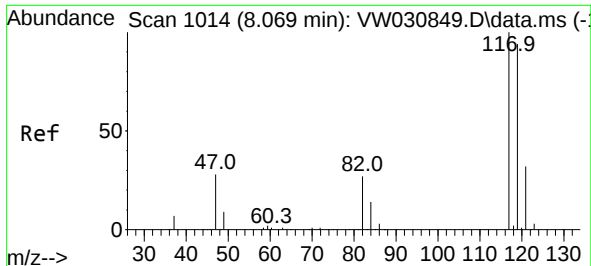
Ion Ratio Lower Upper

97 100

99 63.3 52.3 78.5

61 48.9 38.5 57.7

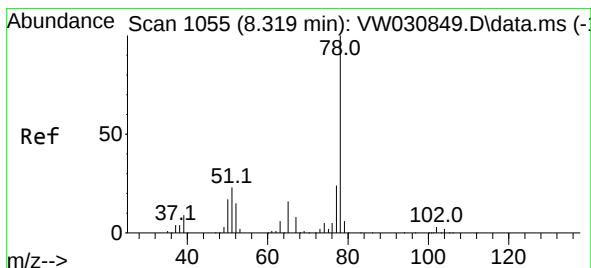
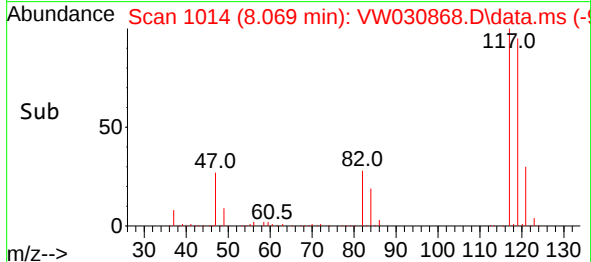
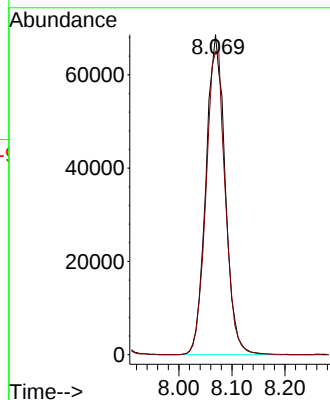
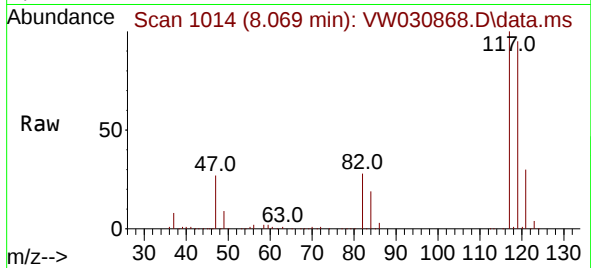




#31
Carbon tetrachloride
Concen: 17.153 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

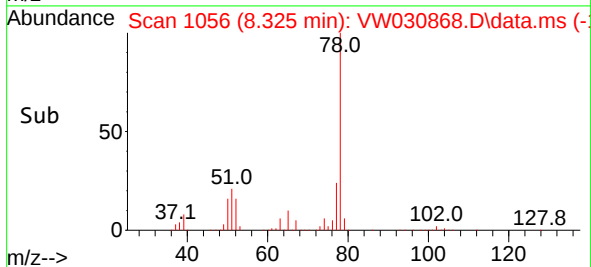
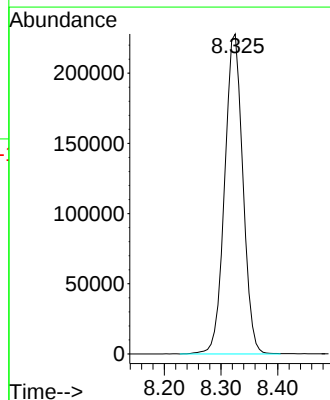
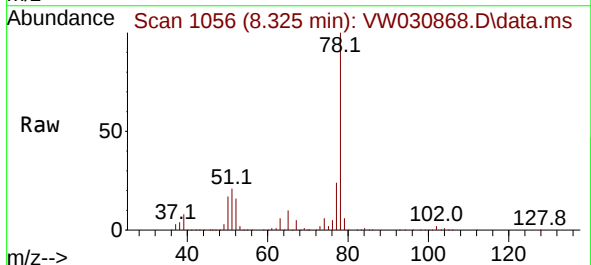
Instrument :
MSVOA_W
ClientSampleId :

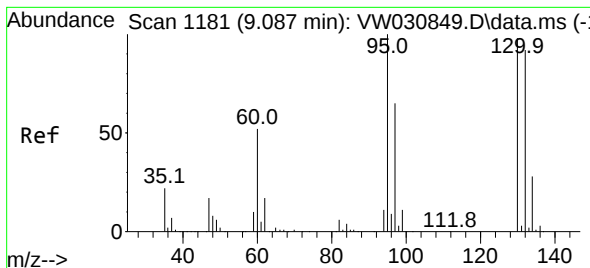
Tgt Ion:117 Resp: 172161
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.8



#33
Benzene
Concen: 18.442 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion: 78 Resp: 508015





#34

Trichloroethene

Concen: 16.956 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 129945

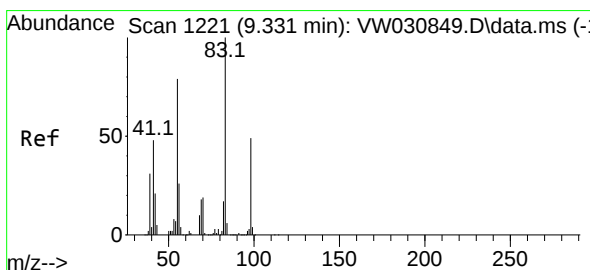
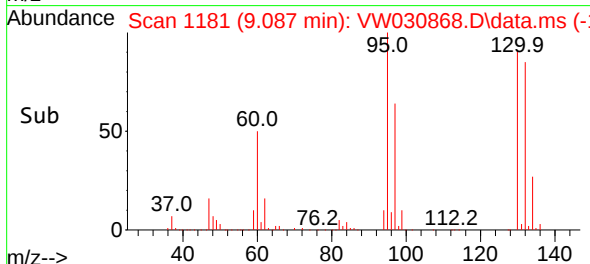
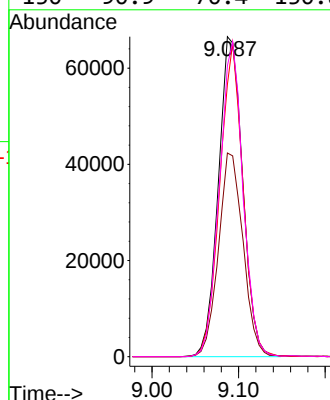
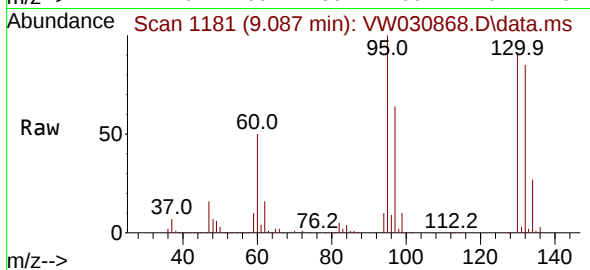
Ion Ratio Lower Upper

95 100

97 63.6 45.9 85.3

132 85.1 66.4 123.2

130 90.9 70.4 130.8



#35

Methylcyclohexane

Concen: 17.545 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

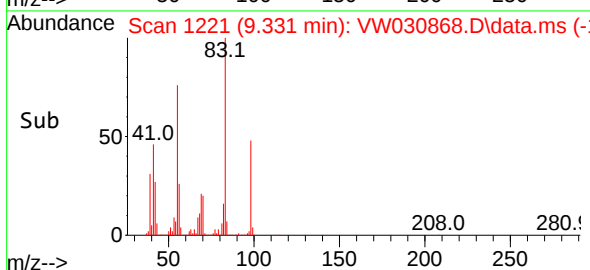
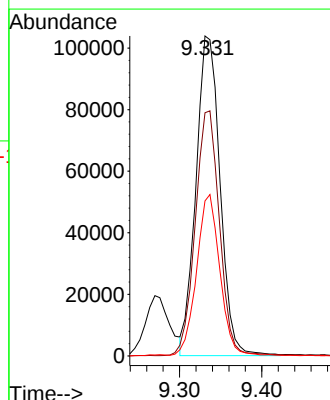
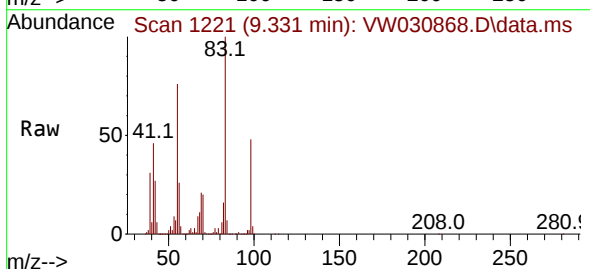
Tgt Ion: 83 Resp: 211606

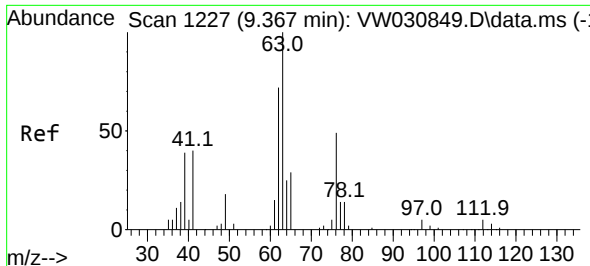
Ion Ratio Lower Upper

83 100

55 76.5 61.8 92.8

98 48.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 18.803 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

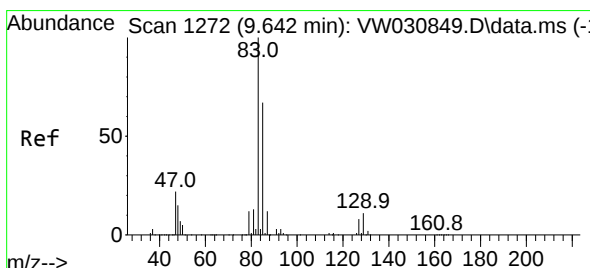
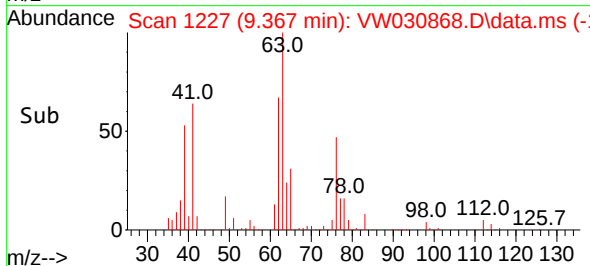
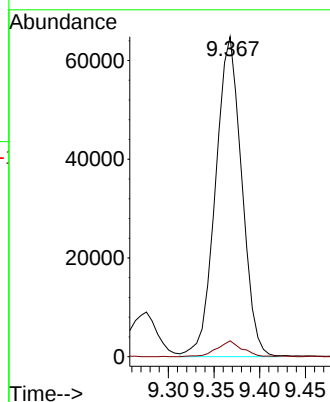
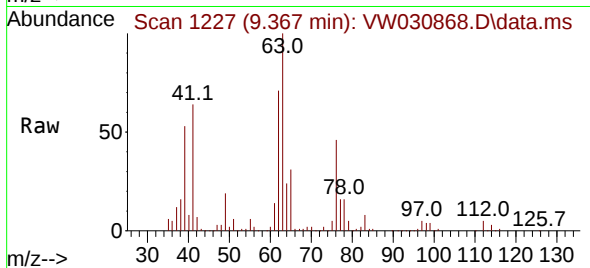
ClientSampleId :

Tgt Ion: 63 Resp: 129366

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 18.903 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

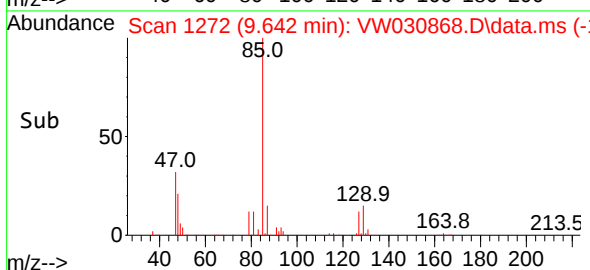
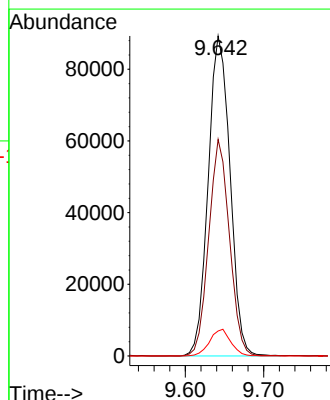
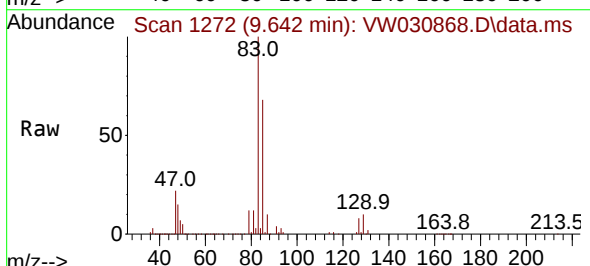
Tgt Ion: 83 Resp: 173031

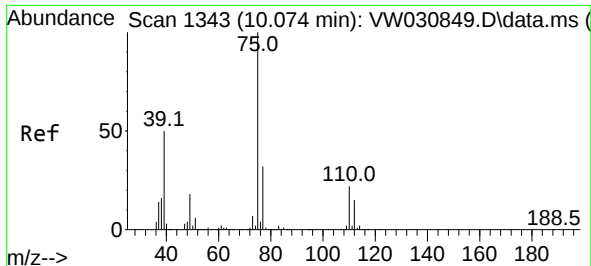
Ion Ratio Lower Upper

83 100

85 67.7 44.2 82.0

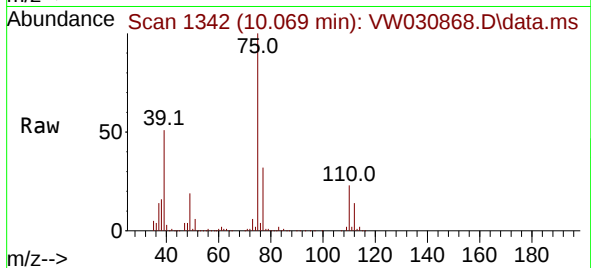
127 7.8 6.2 9.4



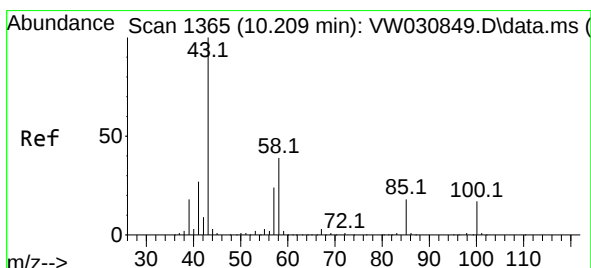
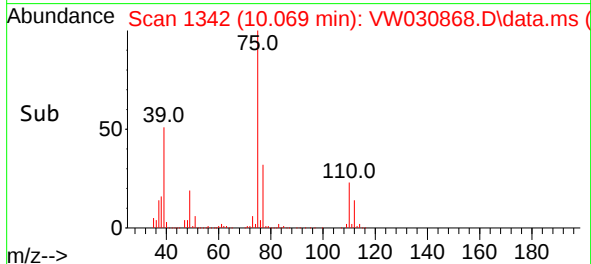
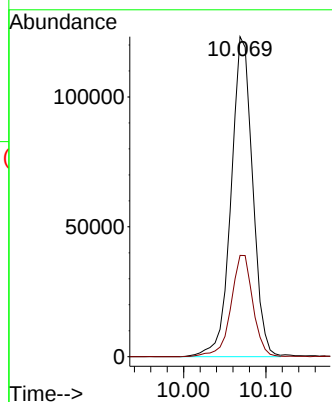


#39
cis-1,3-Dichloropropene
Concen: 21.603 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Instrument :
MSVOA_W
ClientSampleId :

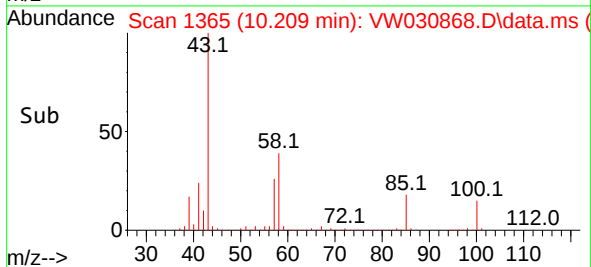
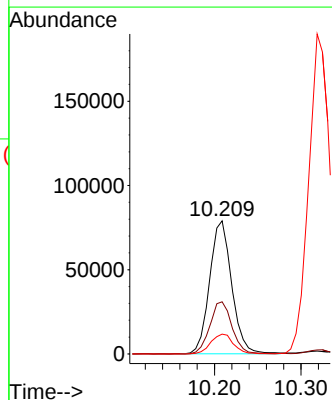
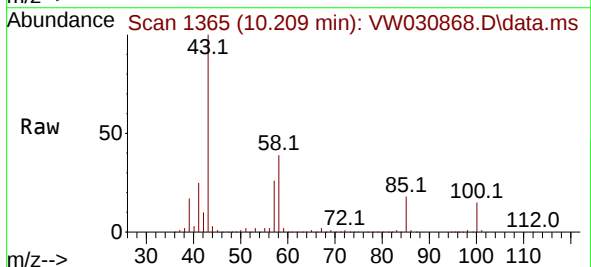


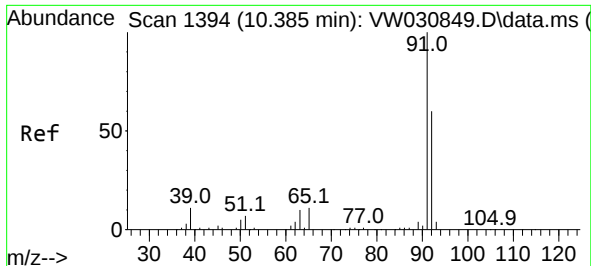
Tgt Ion: 75 Resp: 224188
Ion Ratio Lower Upper
75 100
77 31.7 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 42.371 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion: 43 Resp: 140046
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2
100 15.4 13.1 19.7

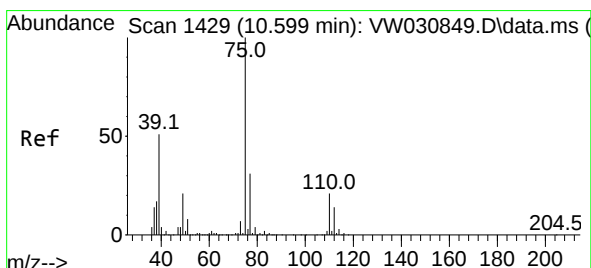
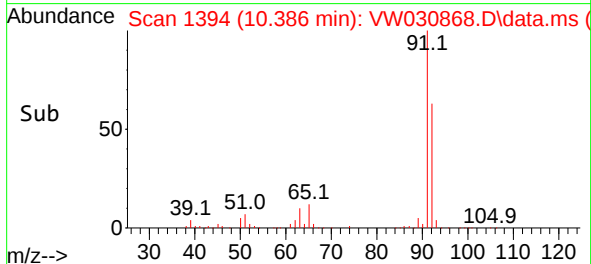
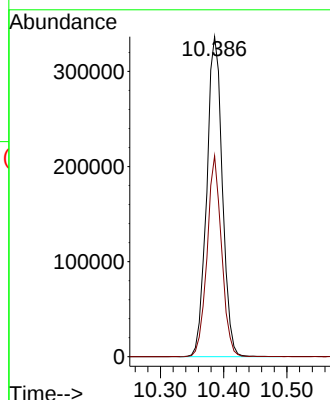
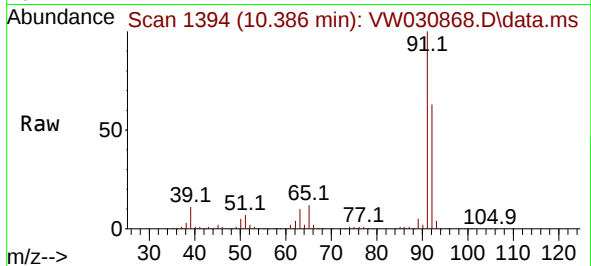




#42
Toluene
Concen: 19.690 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

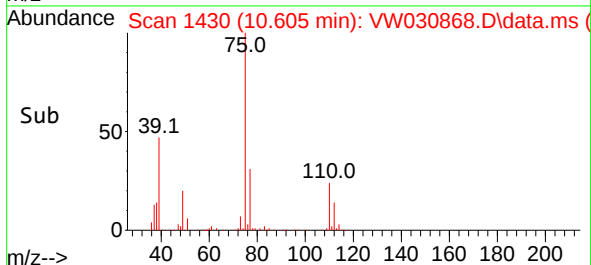
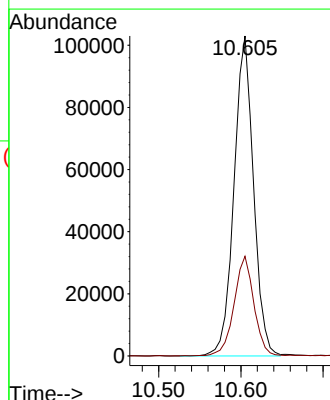
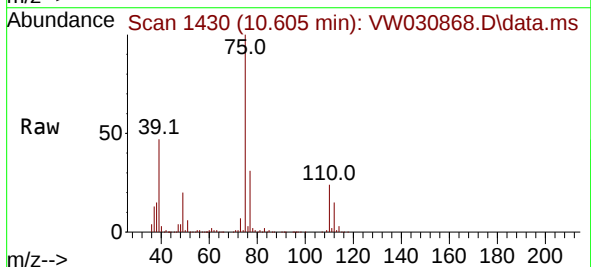
Instrument :
MSVOA_W
ClientSampleId :

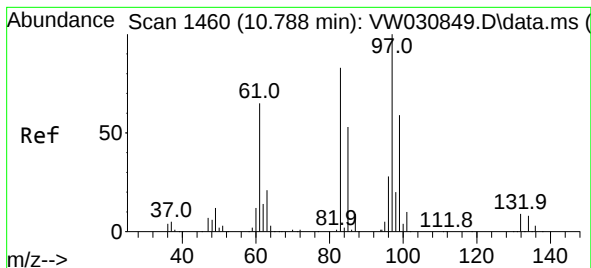
Tgt Ion: 91 Resp: 578649
Ion Ratio Lower Upper
91 100
92 62.8 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 19.483 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion: 75 Resp: 169902
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 19.481 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 96866

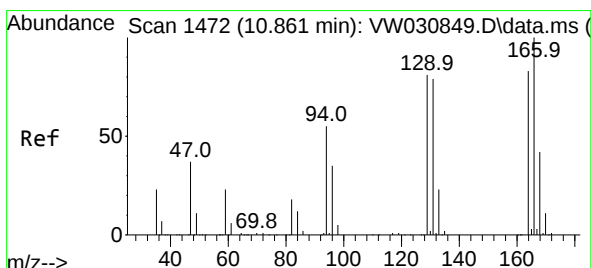
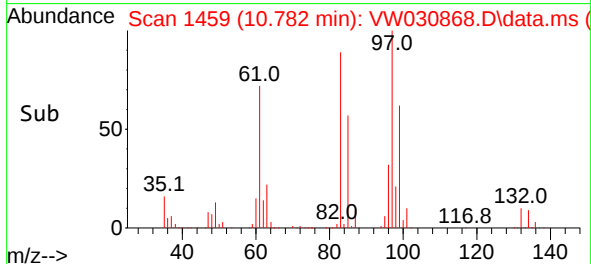
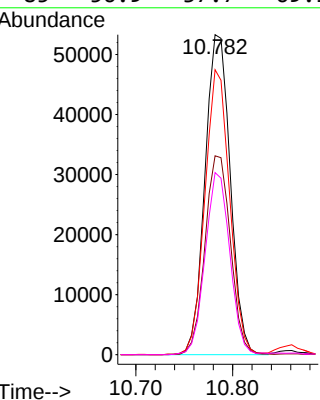
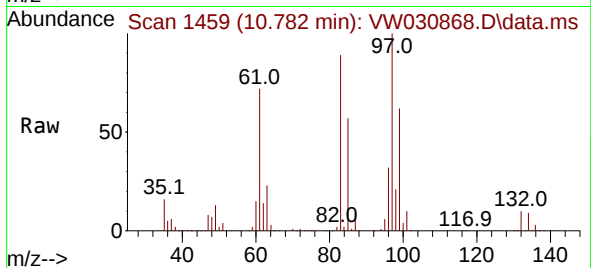
Ion Ratio Lower Upper

97 100

99 62.2 41.2 76.6

83 89.1 59.6 110.6

85 56.9 37.7 69.9



#46

Tetrachloroethene

Concen: 17.801 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Tgt Ion:164 Resp: 100619

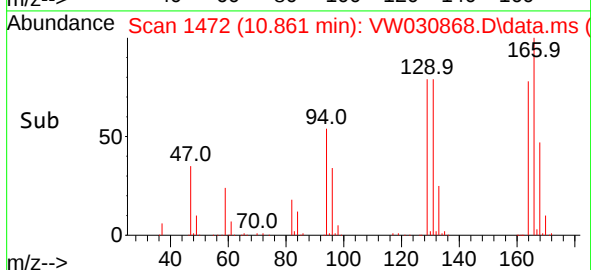
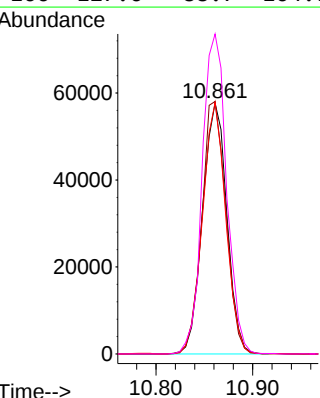
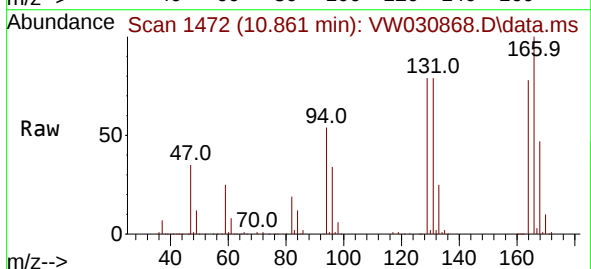
Ion Ratio Lower Upper

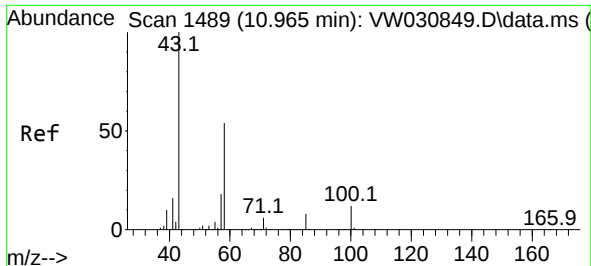
164 100

129 100.7 66.6 123.6

131 100.3 63.7 118.3

166 127.6 88.7 164.7

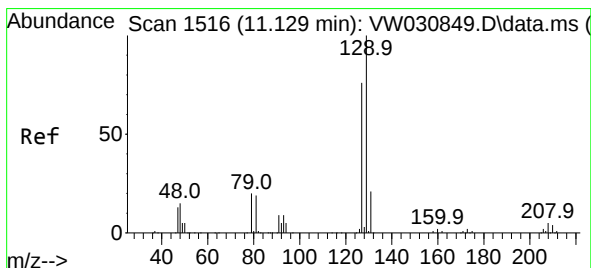
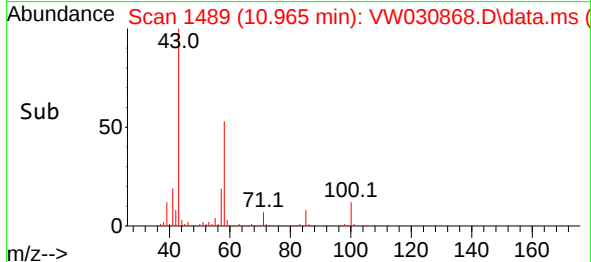
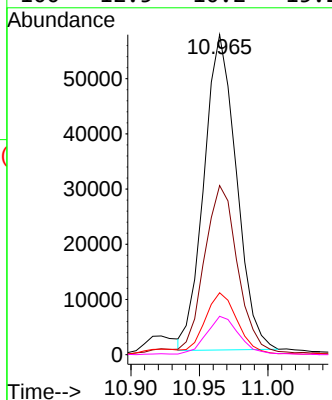
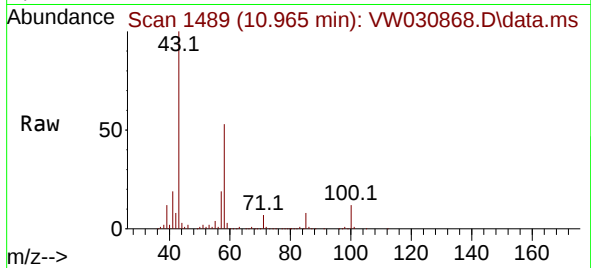




#48
2-Hexanone
Concen: 34.830 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

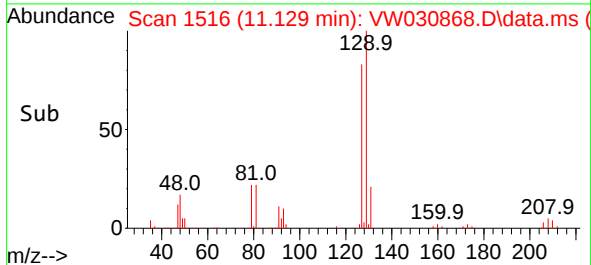
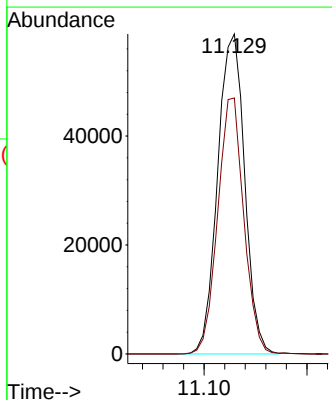
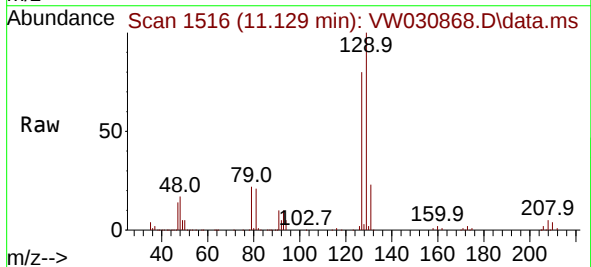
Instrument :
MSVOA_W
ClientSampleId :

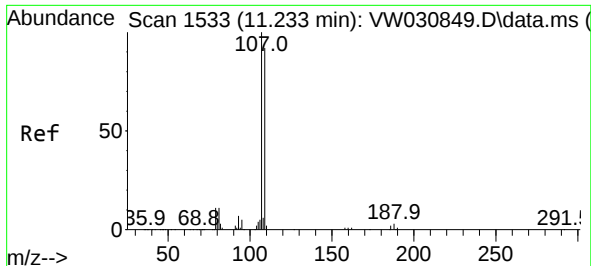
Tgt Ion:	43	Resp:	94143
Ion	Ratio	Lower	Upper
43	100		
58	55.2	44.6	67.0
57	20.0	15.8	23.8
100	12.5	10.2	15.2



#49
Dibromochloromethane
Concen: 19.311 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion:	129	Resp:	107139
Ion	Ratio	Lower	Upper
129	100		
127	80.0	56.5	104.9

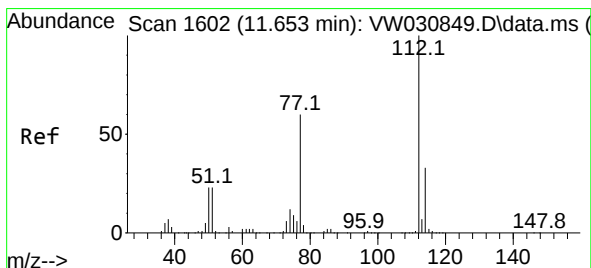
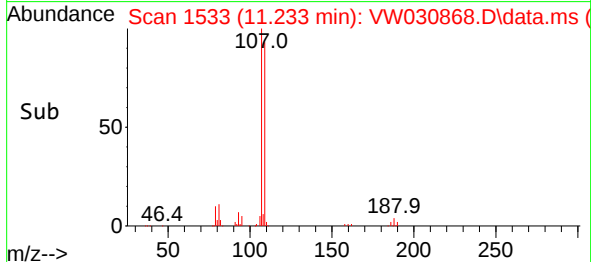
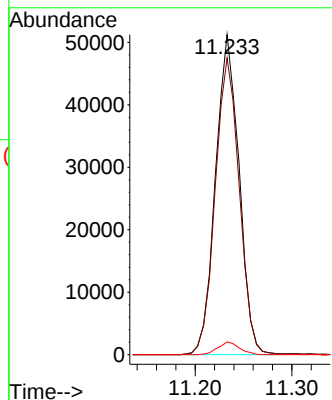
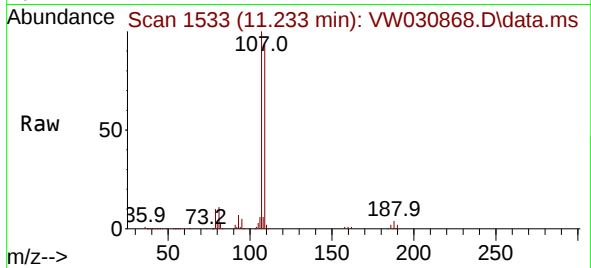




#50
1,2-Dibromoethane
Concen: 18.693 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

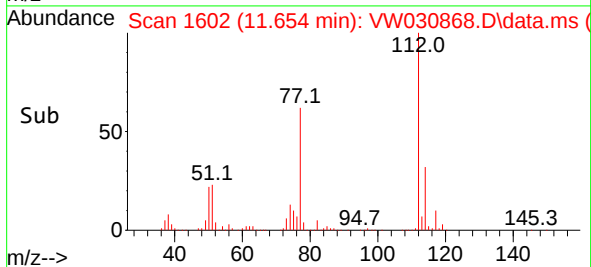
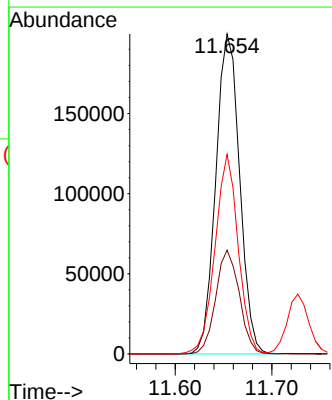
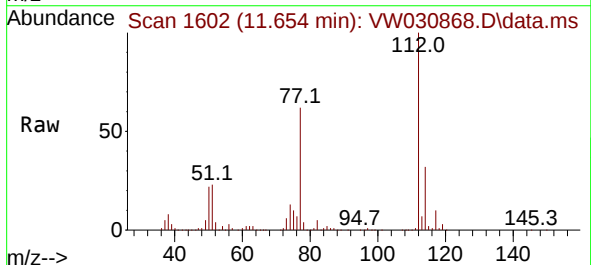
Instrument :
MSVOA_W
ClientSampleId :

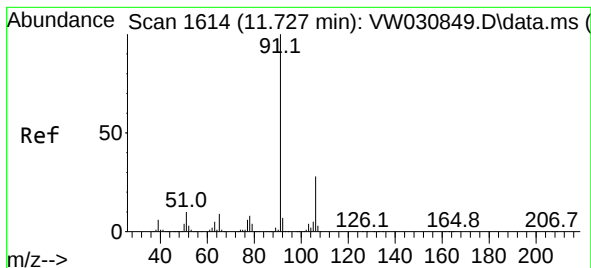
Tgt Ion:107 Resp: 86732
Ion Ratio Lower Upper
107 100
109 92.7 63.8 118.6
188 4.0 2.6 3.8#



#51
Chlorobenzene
Concen: 18.071 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion:112 Resp: 341875
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 62.3 47.1 70.7

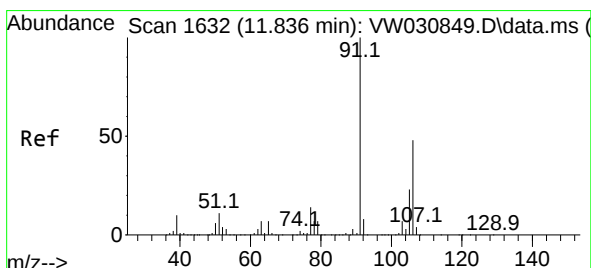
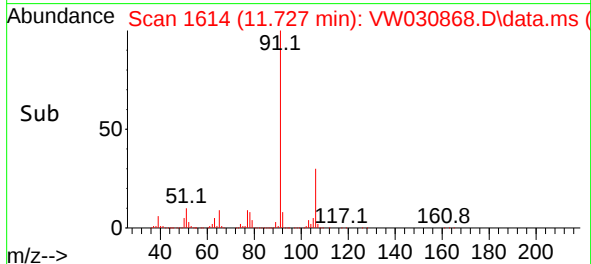
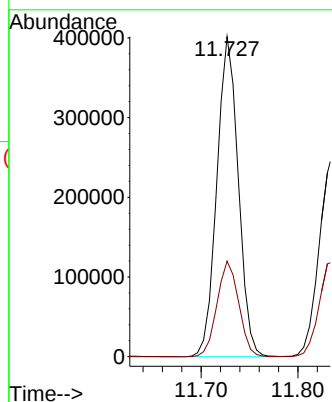
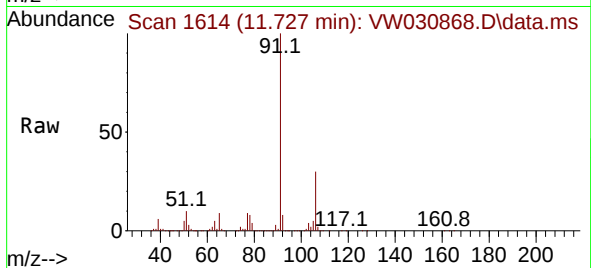




#52
Ethylbenzene
Concen: 18.392 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

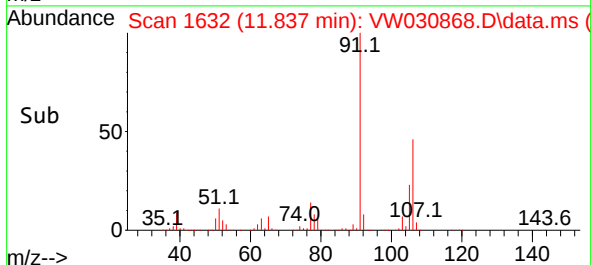
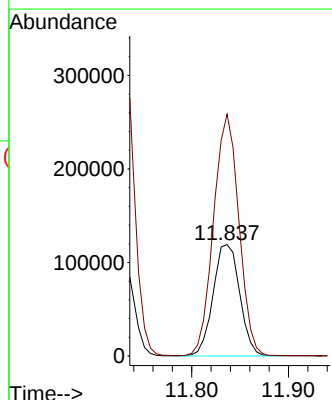
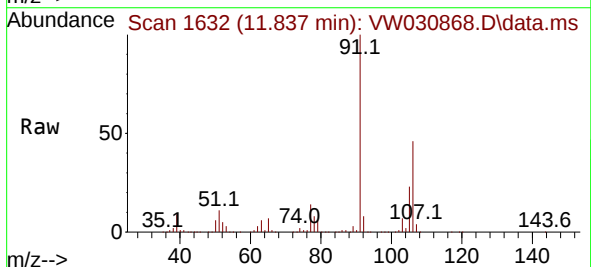
Instrument :
MSVOA_W
ClientSampleId :

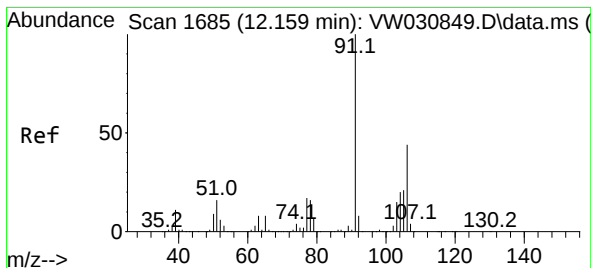
Tgt Ion: 91 Resp: 616771
Ion Ratio Lower Upper
91 100
106 29.8 21.1 39.1



#53
m,p-Xylene
Concen: 18.096 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion: 106 Resp: 227348
Ion Ratio Lower Upper
106 100
91 217.0 140.6 261.2





#54

o-Xylene

Concen: 18.838 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

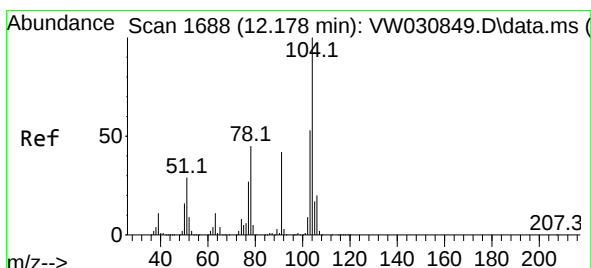
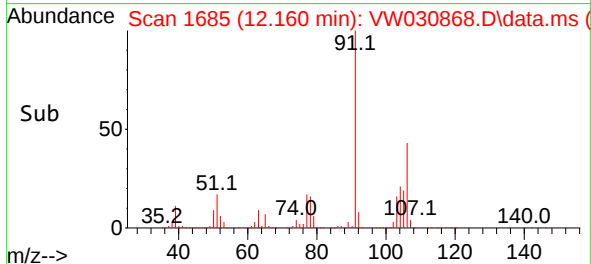
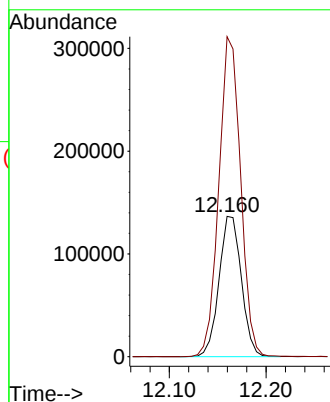
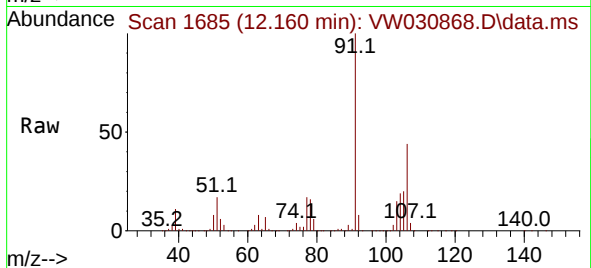
ClientSampleId :

Tgt Ion:106 Resp: 218800

Ion Ratio Lower Upper

106 100

91 228.1 144.5 268.4



#55

Styrene

Concen: 19.117 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030868.D

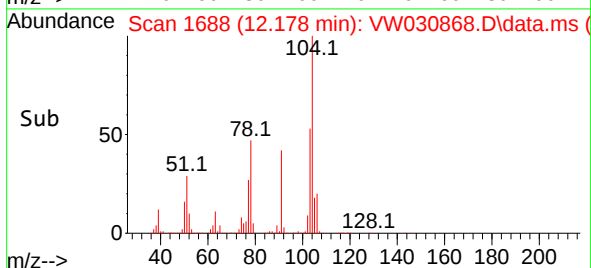
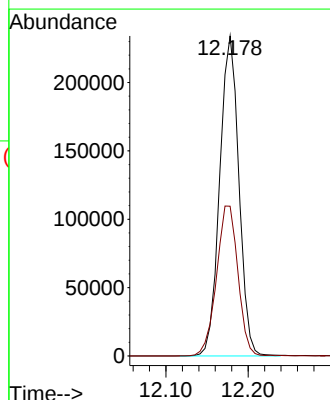
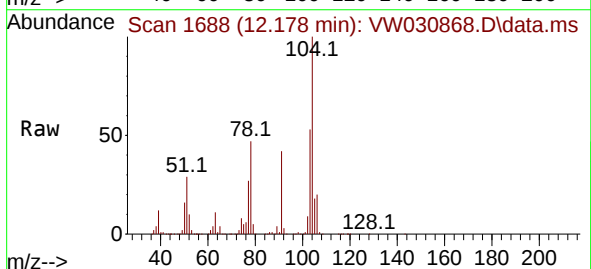
Acq: 31 Oct 2024 18:02

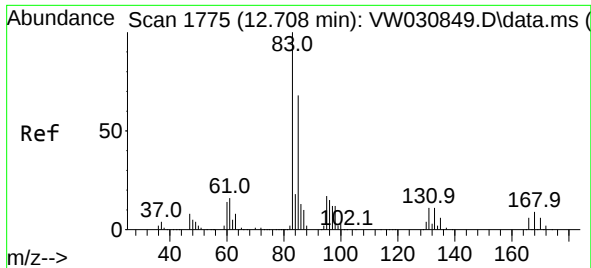
Tgt Ion:104 Resp: 379586

Ion Ratio Lower Upper

104 100

78 46.8 34.3 63.7

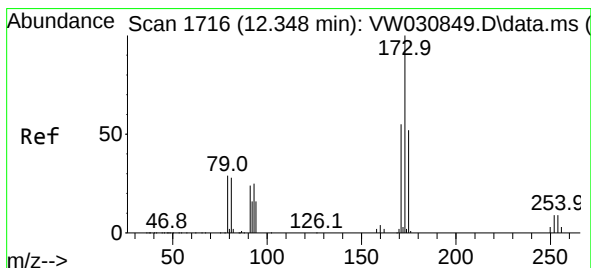
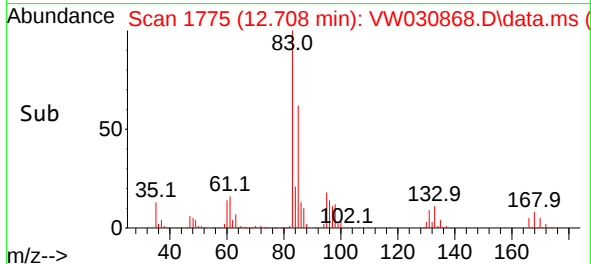
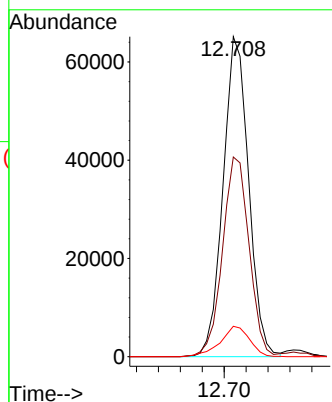
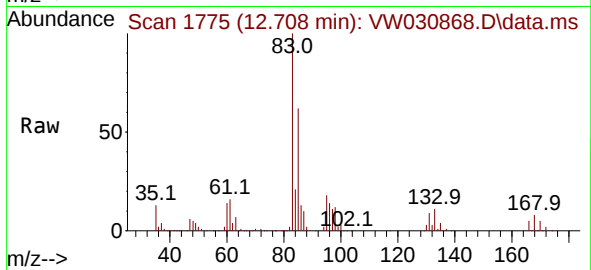




#57
1,1,2,2-Tetrachloroethane
Concen: 18.789 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

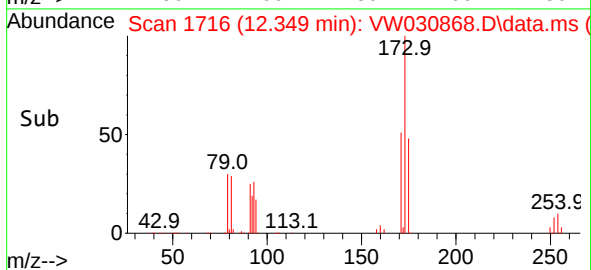
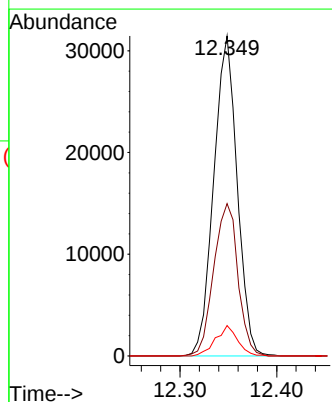
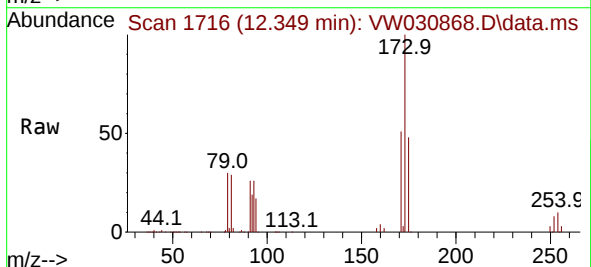
Instrument :
MSVOA_W
ClientSampleId :

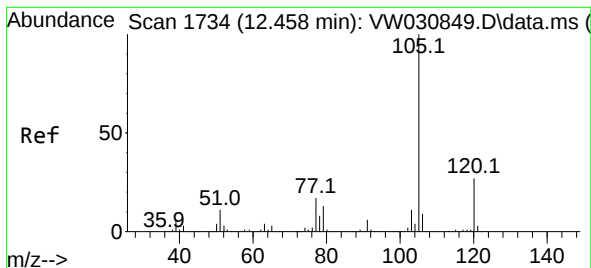
Tgt Ion: 83 Resp: 105356
Ion Ratio Lower Upper
83 100
85 62.4 42.6 79.2
131 9.5 7.4 11.0



#59
Bromoform
Concen: 16.910 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion:173 Resp: 52881
Ion Ratio Lower Upper
173 100
175 49.1 39.0 58.4
254 8.9 7.7 11.5





#60

Isopropylbenzene

Concen: 17.152 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

ClientSampleId :

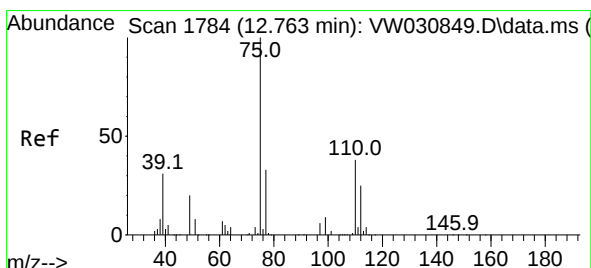
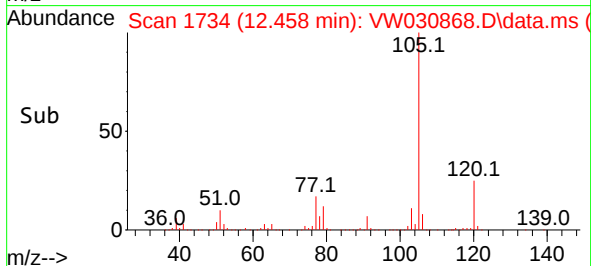
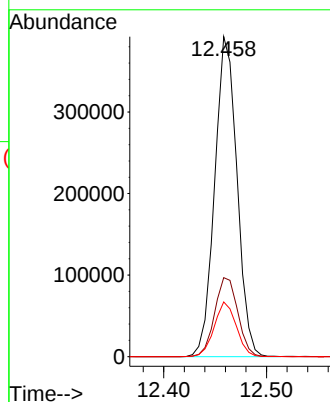
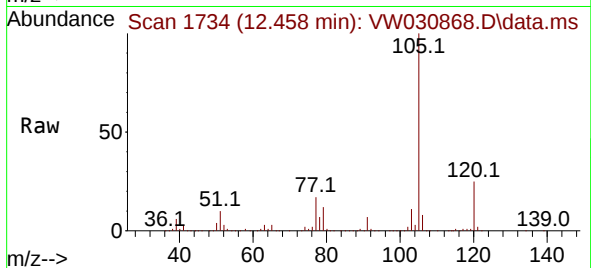
Tgt Ion:105 Resp: 591217

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

77 17.0 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 16.596 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

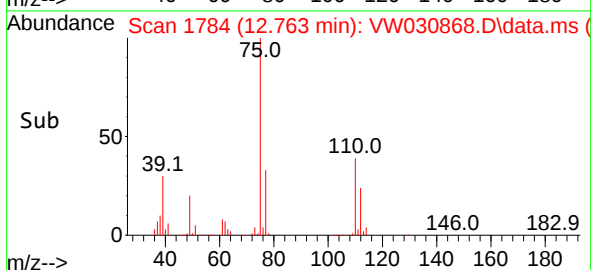
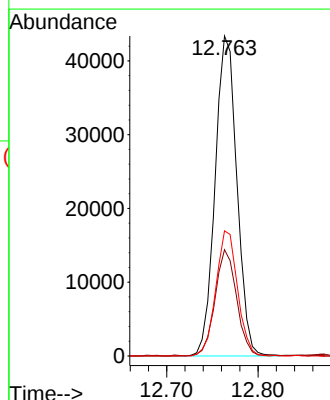
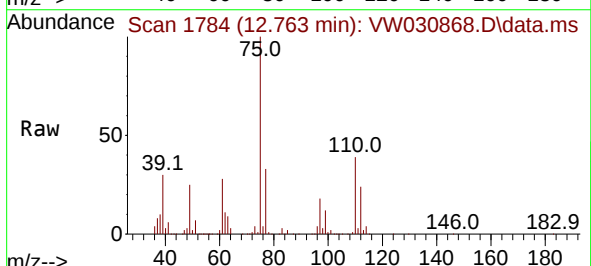
Tgt Ion: 75 Resp: 71880

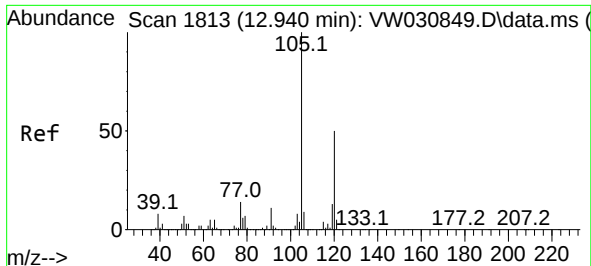
Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5

110 38.9 32.3 48.5

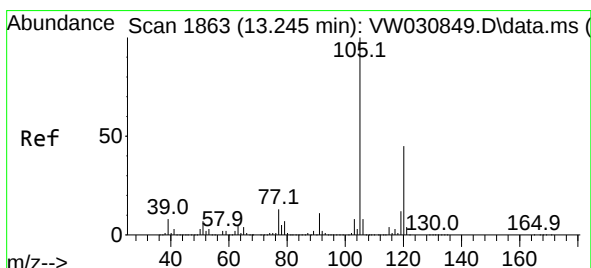
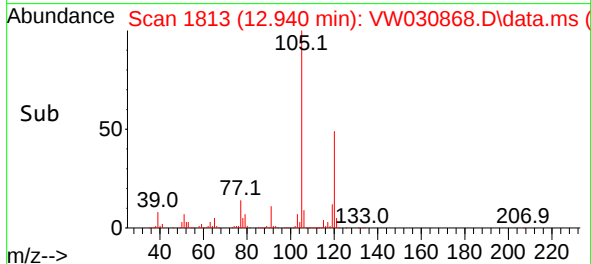
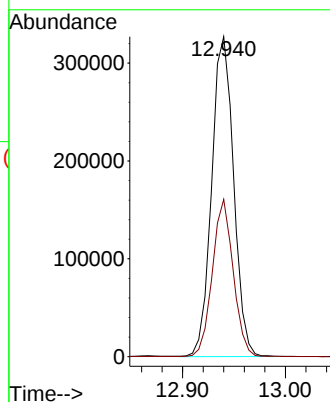
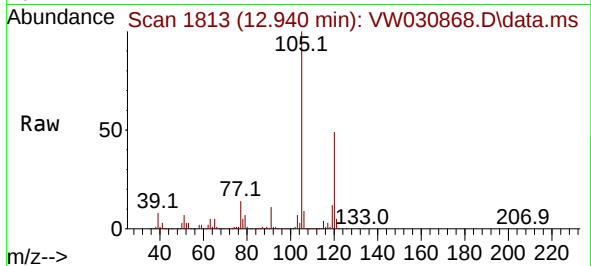




#62
1,3,5-Trimethylbenzene
Concen: 17.815 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

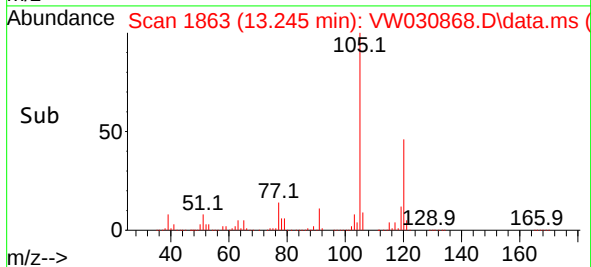
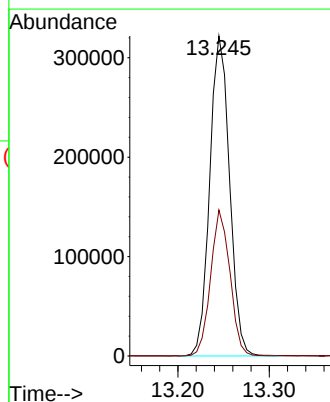
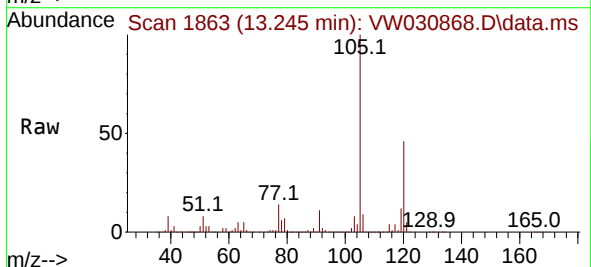
Instrument :
MSVOA_W
ClientSampleId :

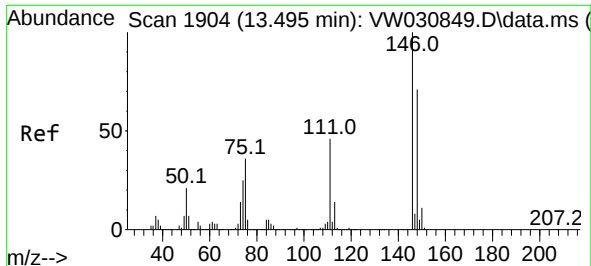
Tgt Ion:105 Resp: 484463
Ion Ratio Lower Upper
105 100
120 46.7 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 18.175 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

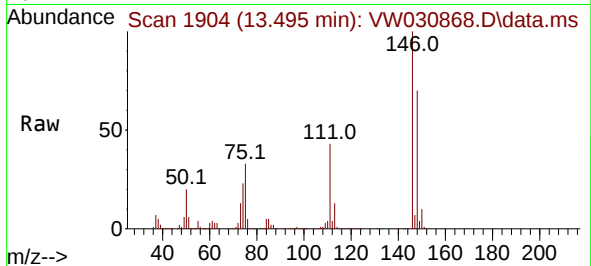
Tgt Ion:105 Resp: 483929
Ion Ratio Lower Upper
105 100
120 44.5 35.8 53.6



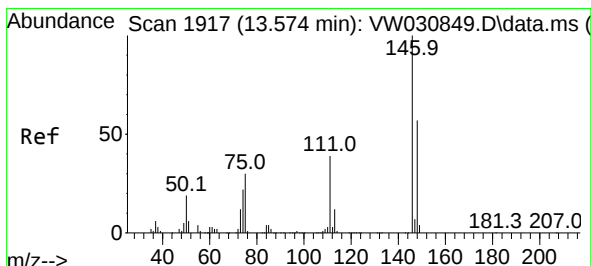
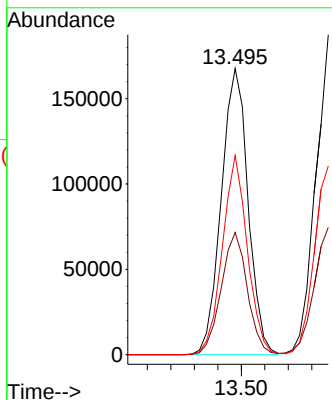
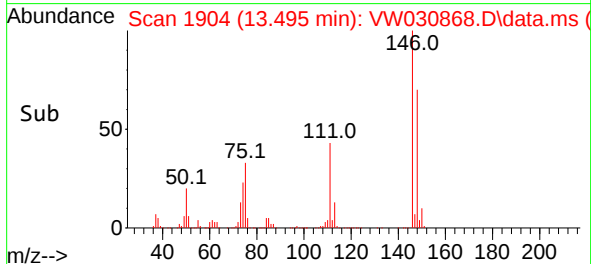


#64
1,3-Dichlorobenzene
Concen: 17.709 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Instrument :
MSVOA_W
ClientSampleId :

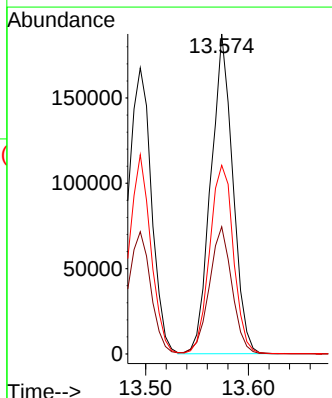
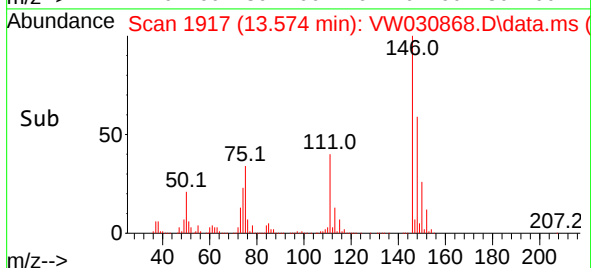
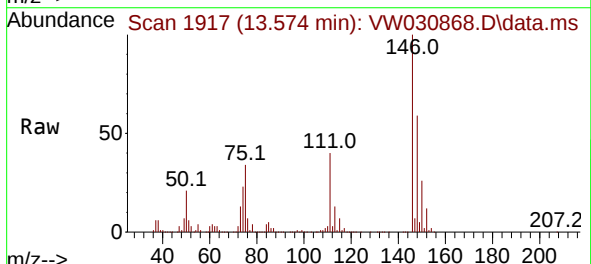


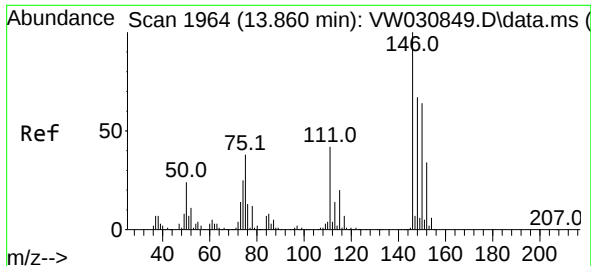
Tgt Ion:146 Resp: 265696
Ion Ratio Lower Upper
146 100
111 42.7 31.2 58.0
148 69.6 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 17.938 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030868.D
Acq: 31 Oct 2024 18:02

Tgt Ion:146 Resp: 277893
Ion Ratio Lower Upper
146 100
111 39.8 26.8 49.8
148 59.0 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 18.472 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

ClientSampleId :

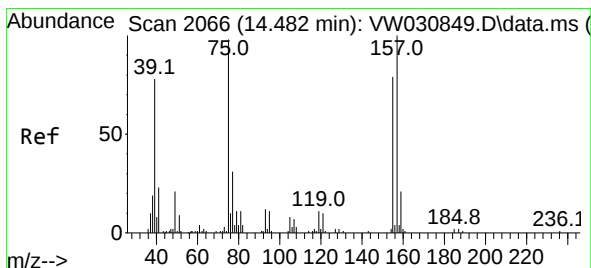
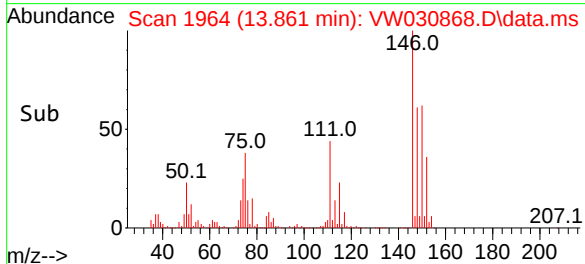
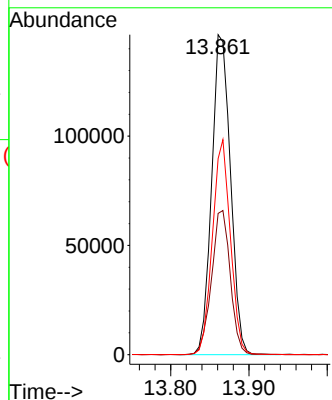
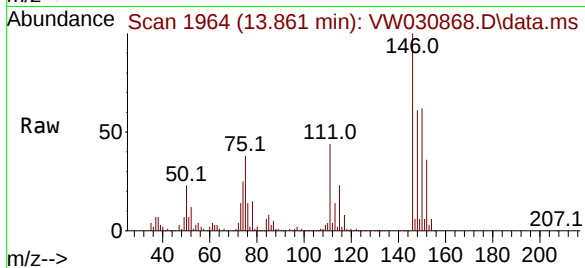
Tgt Ion:146 Resp: 243884

Ion Ratio Lower Upper

146 100

111 44.1 34.6 52.0

148 61.2 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 19.064 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

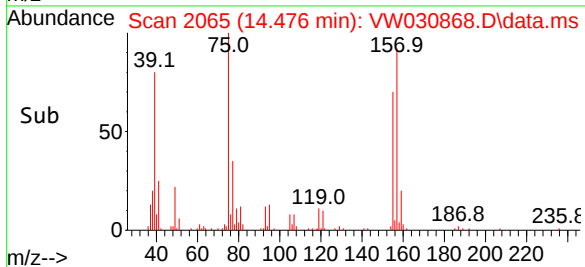
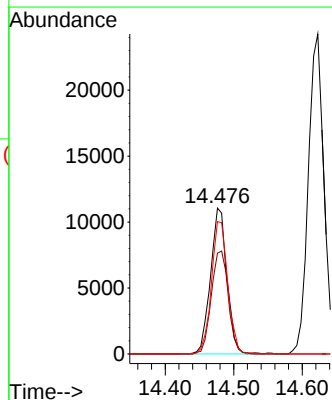
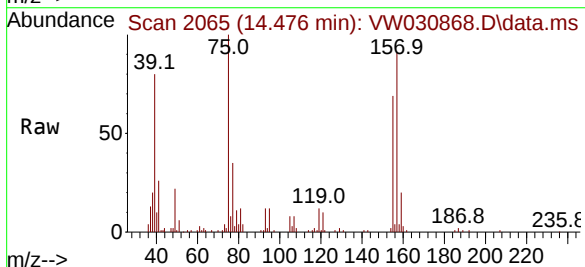
Tgt Ion: 75 Resp: 18411

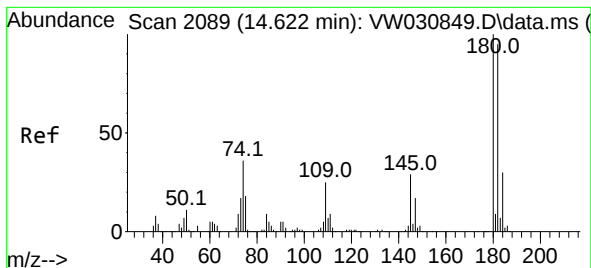
Ion Ratio Lower Upper

75 100

155 69.1 57.9 86.9

157 90.7 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 19.273 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

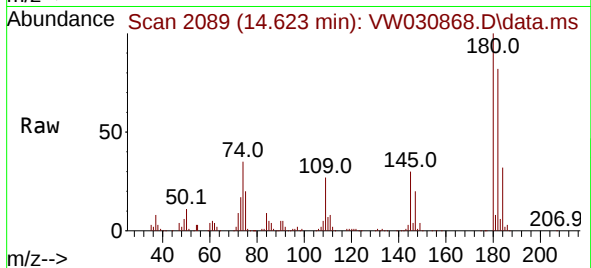
Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 190682

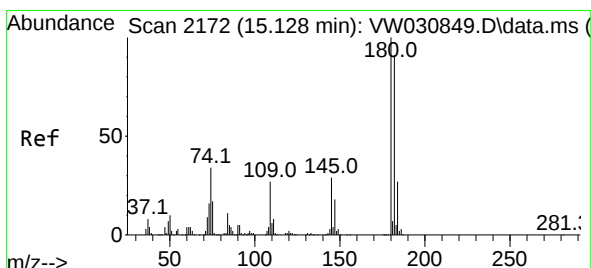
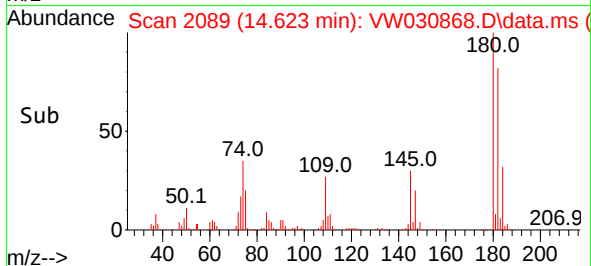
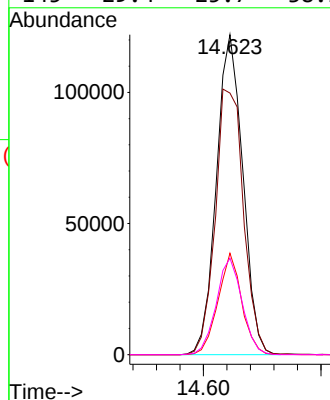
Ion Ratio Lower Upper

180 100

182 88.6 79.9 119.9

184 28.5 25.2 37.8

145 29.4 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 18.717 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

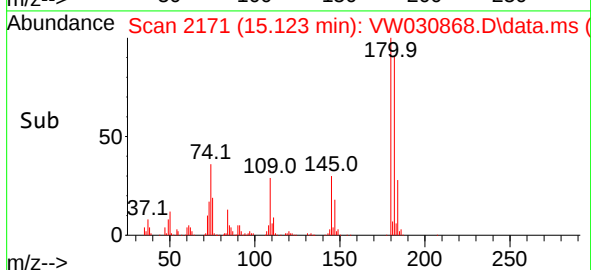
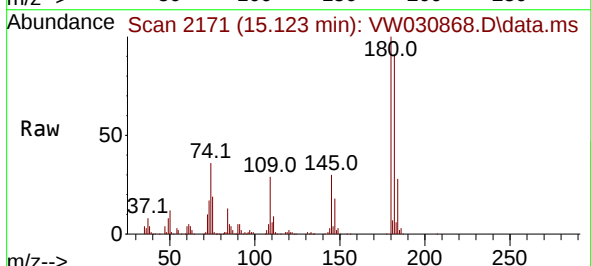
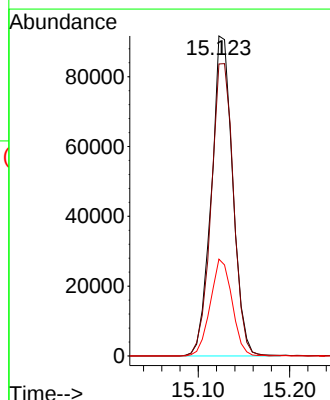
Tgt Ion:180 Resp: 149077

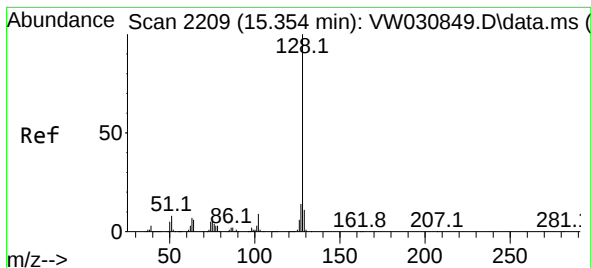
Ion Ratio Lower Upper

180 100

182 95.2 75.2 112.8

145 30.8 25.4 38.2





#71

Naphthalene

Concen: 19.377 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Instrument :

MSVOA_W

ClientSampleId :

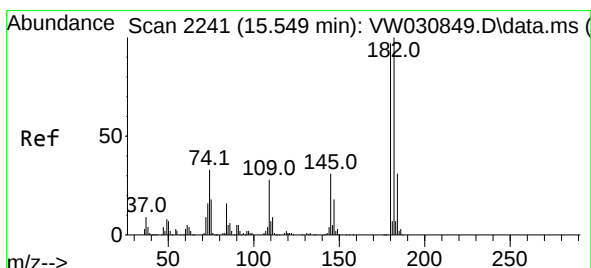
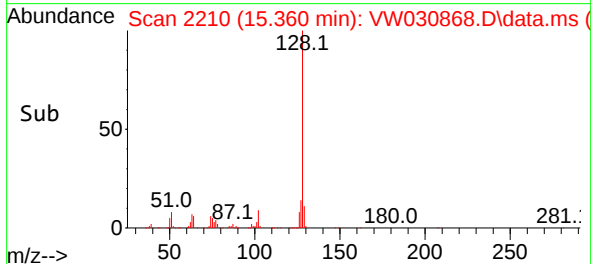
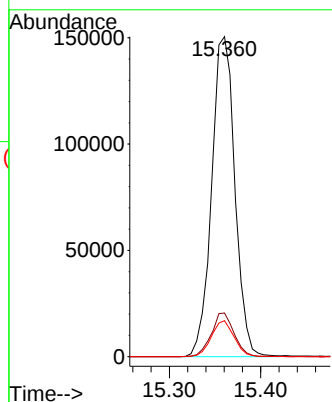
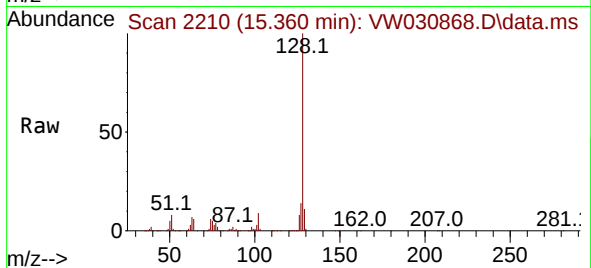
Tgt Ion:128 Resp: 266638

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 19.368 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030868.D

Acq: 31 Oct 2024 18:02

Tgt Ion:180 Resp: 133733

Ion Ratio Lower Upper

180 100

182 93.8 76.2 114.4

145 32.9 27.4 41.2

