

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
 Data File : VW030823.D
 Acq On : 29 Oct 2024 22:52
 Operator : SY/MD
 Sample : P4494-02MS
 Misc : 4.53g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 30 01:22:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 30 01:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	371862	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	305948	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127412	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	47475	8.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	32.480%
7) Chloroethane-d5	2.899	69	61394	13.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.520%
11) 1,1-Dichloroethene-d2	4.021	65	21197	8.719	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.880%#
21) 2-Butanone-d5	7.075	46	51596	49.050	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.100%
24) Chloroform-d	7.648	84	211341	19.873	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.480%
26) 1,2-Dichloroethane-d4	8.307	65	109458	19.794	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.160%
32) Benzene-d6	8.276	84	277971	15.654	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.600%
36) 1,2-Dichloropropane-d6	9.276	67	112212	21.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.120%
41) Toluene-d8	10.319	98	192830	11.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	47.600%
43) trans-1,3-Dichloroprop...	10.575	79	38362	17.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.320%
47) 2-Hexanone-d5	10.922	63	40539	60.390	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119995	31.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.400%#
66) 1,2-Dichlorobenzene-d4	13.849	152	87449	20.285	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	66387	13.973	ug/L	99
3) Chloromethane	2.223	50	70486	12.765	ug/L	100
5) Vinyl chloride	2.375	62	96877	14.266	ug/L	92
6) Bromomethane	2.789	94	66326	14.839	ug/L	95
8) Chloroethane	2.930	64	68578	16.520	ug/L	97
9) Trichlorofluoromethane	3.271	101	91039	14.983	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85008	15.550	ug/L	99
12) 1,1-Dichloroethene	4.045	96	71038	14.239	ug/L	90
13) Acetone	4.119	43	26055	16.919	ug/L	95
14) Carbon disulfide	4.393	76	148467	9.113	ug/L	98
15) Methyl Acetate	4.673	43	29205	15.352	ug/L	99
16) Methylene chloride	4.917	84	87496	15.564	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	77904	14.471	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	137382	18.234	ug/L	99
19) 1,1-Dichloroethane	6.216	63	175395	17.529	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	93559	16.293	ug/L	98
22) 2-Butanone	7.173	43	42213	25.429	ug/L	97
23) Bromochloromethane	7.514	128	39909	15.887	ug/L	90
25) Chloroform	7.673	83	186999	17.489	ug/L	98

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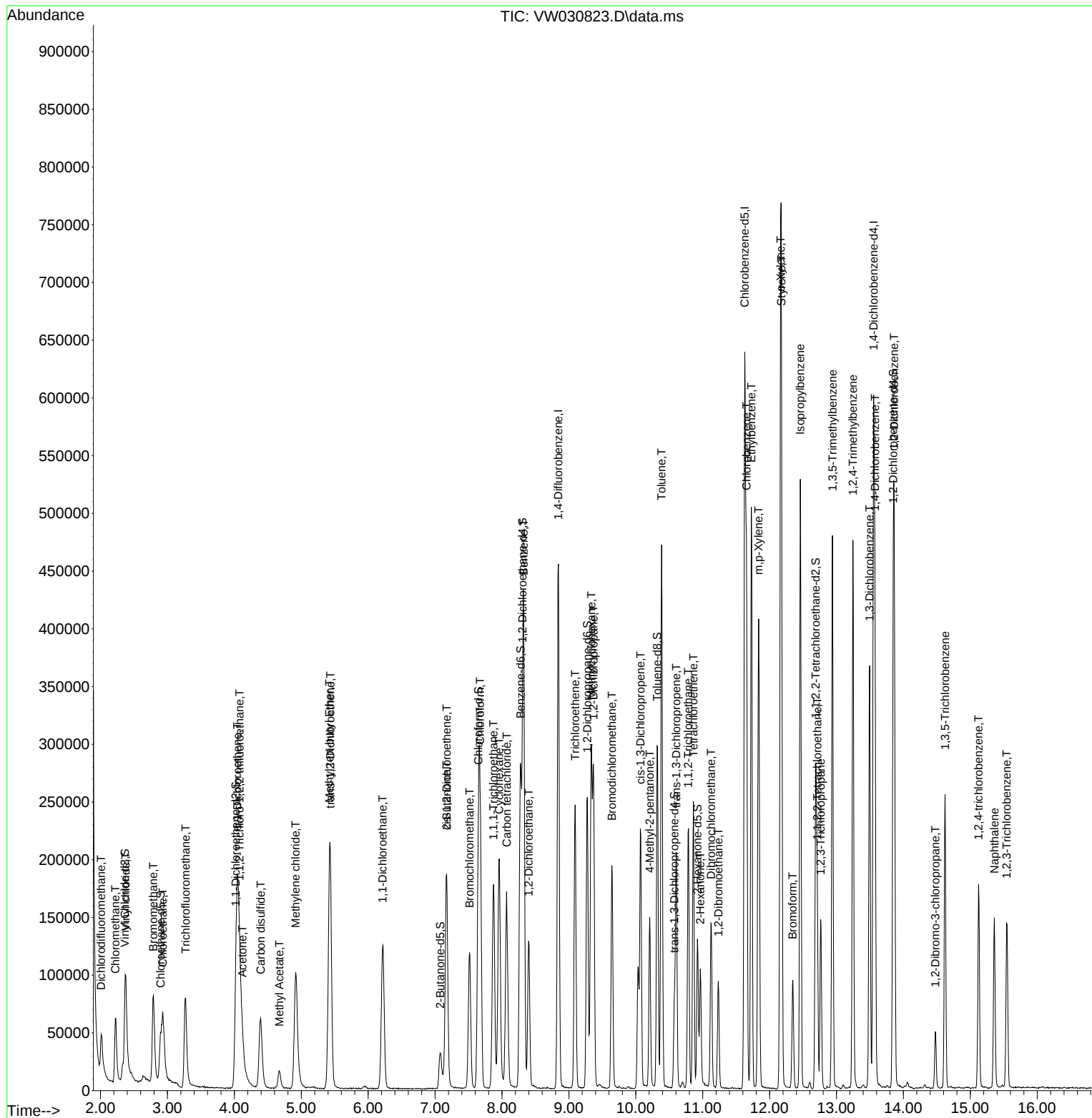
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	115664	16.397	ug/L	100
29) Cyclohexane	7.959	56	106009	14.234	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	140121	17.253	ug/L	100
31) Carbon tetrachloride	8.069	117	117330	16.175	ug/L	98
33) Benzene	8.325	78	348021	17.480	ug/L	100
34) Trichloroethene	9.093	95	84563	15.267	ug/L	96
35) Methylcyclohexane	9.337	83	112628	12.920	ug/L	98
37) 1,2-Dichloropropane	9.368	63	95518	19.209	ug/L	99
38) Bromodichloromethane	9.642	83	126805	19.167	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	124800	16.639	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	92456	38.703	ug/L	98
42) Toluene	10.386	91	335932	15.816	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	105561	16.748	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	66638	18.543	ug/L	94
46) Tetrachloroethene	10.861	164	50431	12.344	ug/L	93
48) 2-Hexanone	10.965	43	62194	31.836	ug/L	97
49) Dibromochloromethane	11.123	129	72571	18.098	ug/L	97
50) 1,2-Dibromoethane	11.233	107	60247	17.966	ug/L	98
51) Chlorobenzene	11.654	112	208591	15.255	ug/L	99
52) Ethylbenzene	11.727	91	336032	13.864	ug/L	99
53) m,p-Xylene	11.837	106	125267	13.796	ug/L	98
54) o-Xylene	12.166	106	128829	15.346	ug/L	95
55) Styrene	12.178	104	215705	15.031	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	80458	19.853	ug/L	95
59) Bromoform	12.343	173	40489	22.618	ug/L	100
60) Isopropylbenzene	12.459	105	311340	15.779	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	57183	23.064	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	242671	15.589	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	241740	15.861	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	134296	15.637	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	139138	15.690	ug/L	91
67) 1,2-Dichlorobenzene	13.861	146	126506	16.739	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12323	22.291	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	68366	12.071	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	52396	11.492	ug/L	98
71) Naphthalene	15.360	128	117326	14.895	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	45355	11.475	ug/L	96

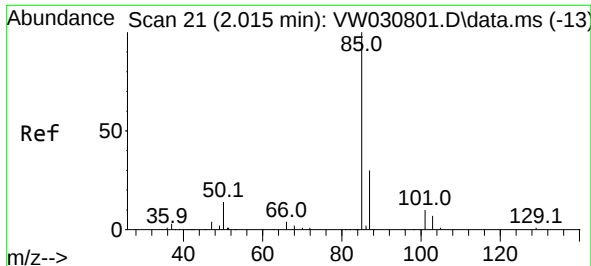
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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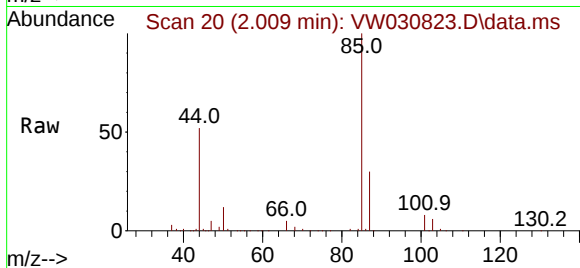
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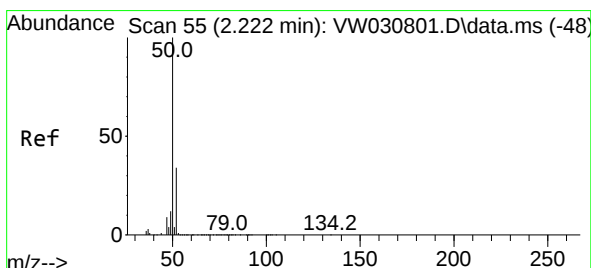
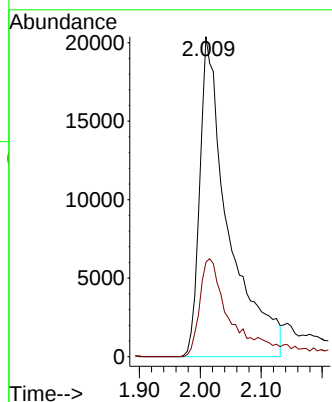
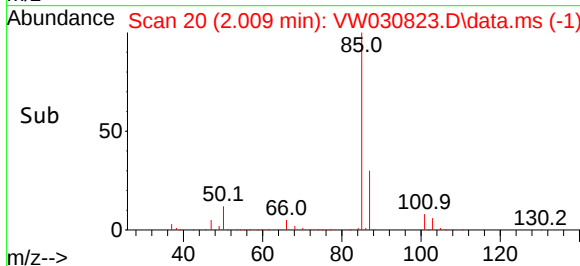


#2
Dichlorodifluoromethane
Concen: 13.973 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

Instrument :
MSVOA_W
ClientSampleId :

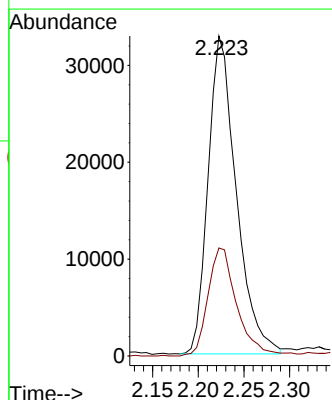
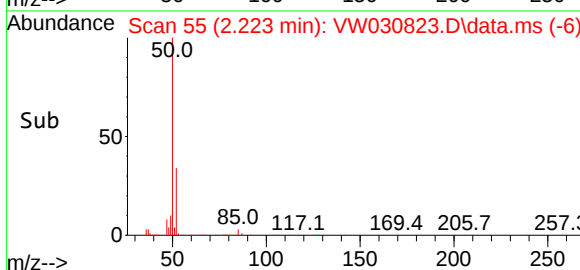
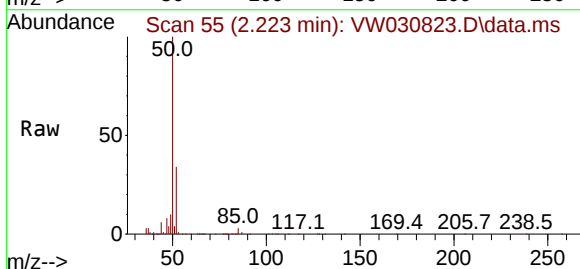


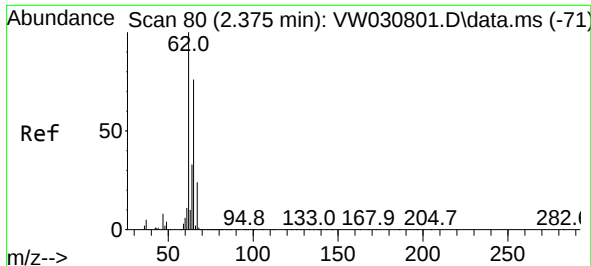
Tgt Ion: 85 Resp: 66387
Ion Ratio Lower Upper
85 100
87 29.1 23.8 35.6



#3
Chloromethane
Concen: 12.765 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

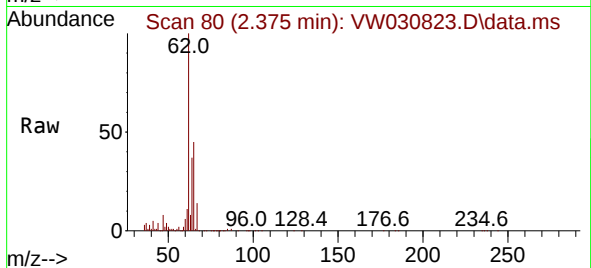
Tgt Ion: 50 Resp: 70486
Ion Ratio Lower Upper
50 100
52 33.7 23.7 43.9



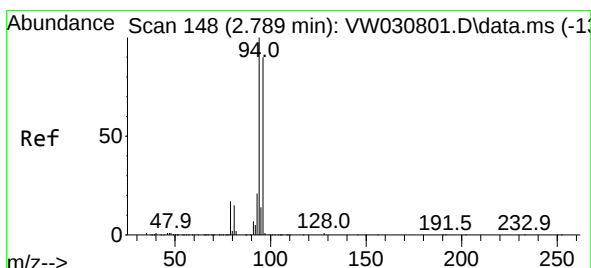
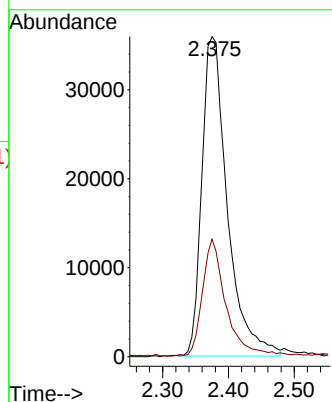
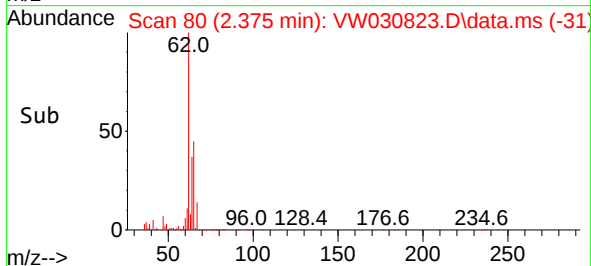


#5
 Vinyl chloride
 Concen: 14.266 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030823.D
 Acq: 29 Oct 2024 22:52

Instrument :
 MSVOA_W
 ClientSampleId :

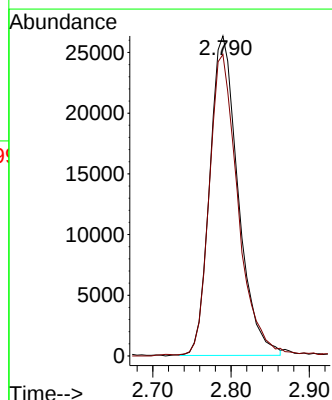
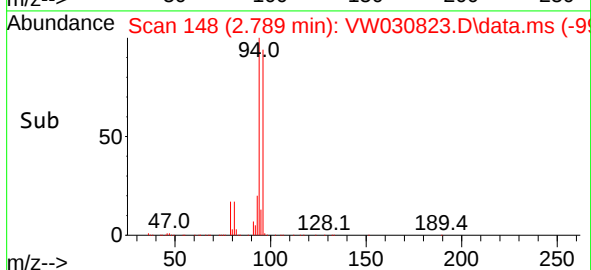
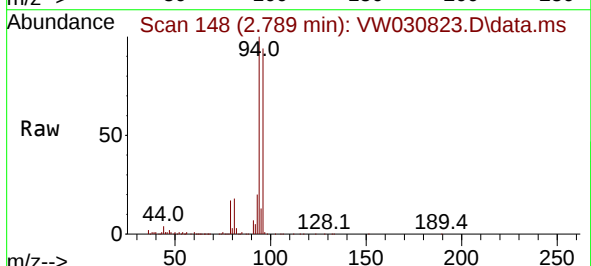


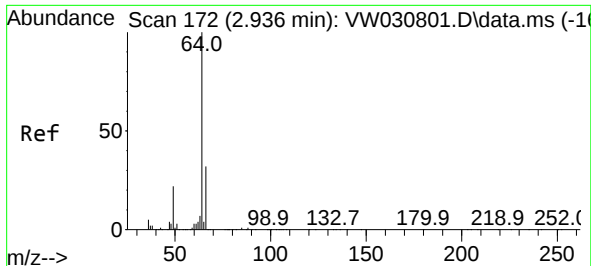
Tgt Ion: 62 Resp: 96877
 Ion Ratio Lower Upper
 62 100
 64 36.7 22.6 42.0



#6
 Bromomethane
 Concen: 14.839 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030823.D
 Acq: 29 Oct 2024 22:52

Tgt Ion: 94 Resp: 66326
 Ion Ratio Lower Upper
 94 100
 96 94.2 62.6 116.2

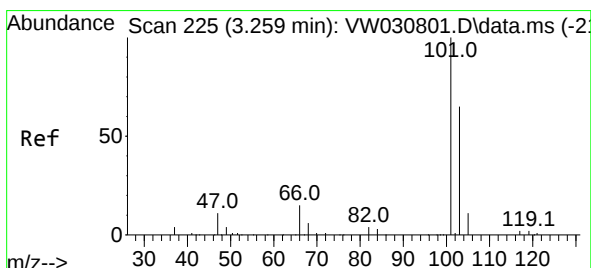
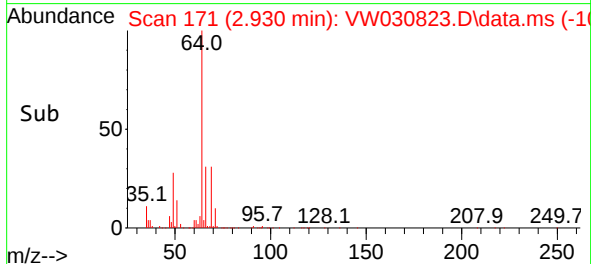
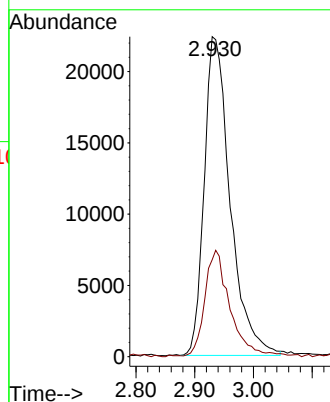
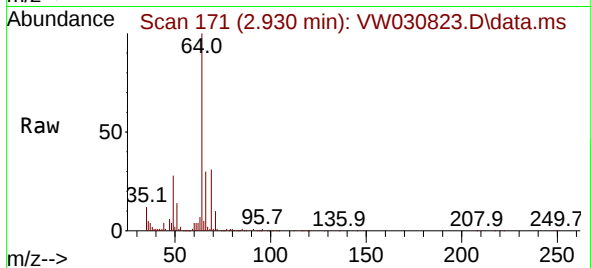




#8
Chloroethane
Concen: 16.520 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030823.D
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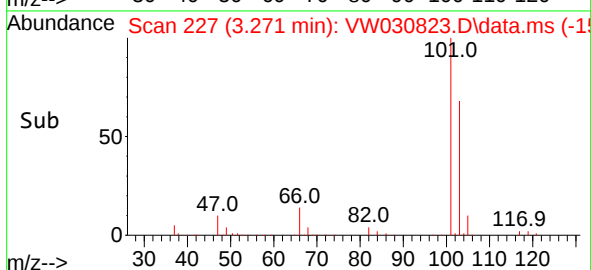
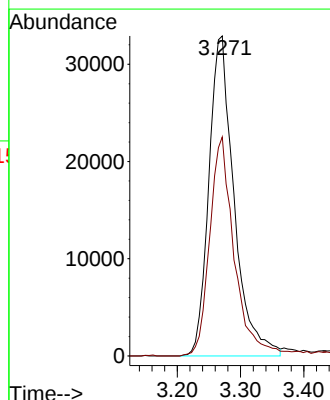
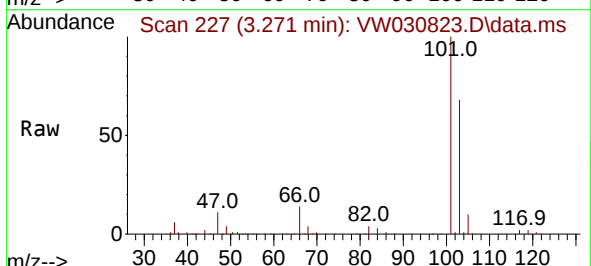
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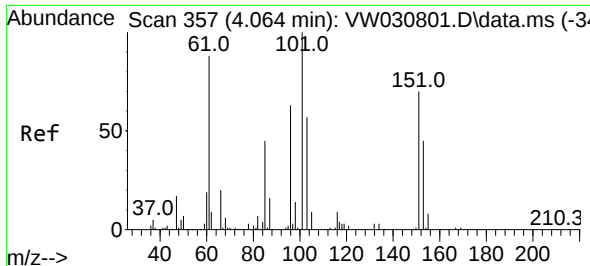
Tgt Ion: 64 Resp: 68578
Ion Ratio Lower Upper
64 100
66 30.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 14.983 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.012 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

Tgt Ion: 101 Resp: 91039
Ion Ratio Lower Upper
101 100
103 66.3 51.1 76.7

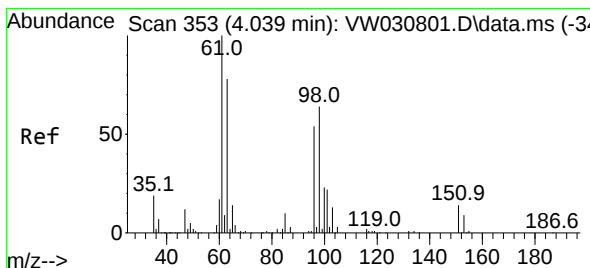
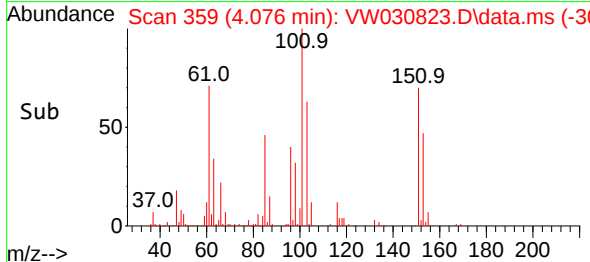
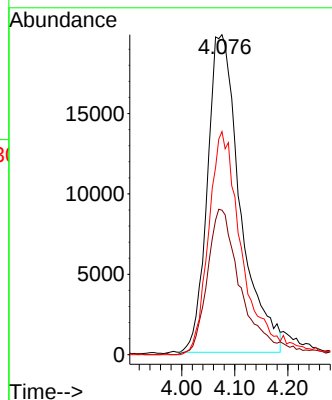
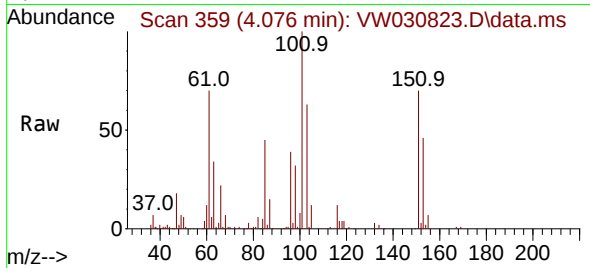




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.550 ug/L
 RT: 4.076 min Scan# 357
 Delta R.T. 0.012 min
 Lab File: VW030823.D
 Acq: 29 Oct 2024 22:52

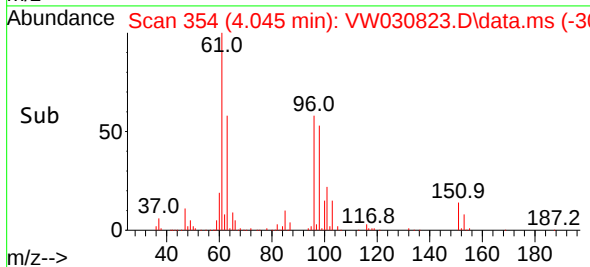
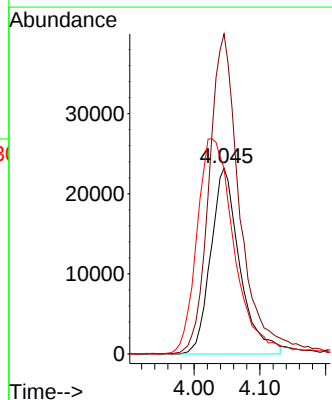
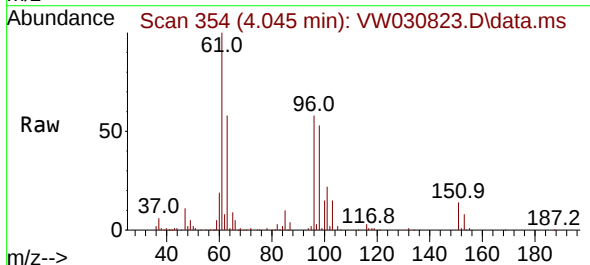
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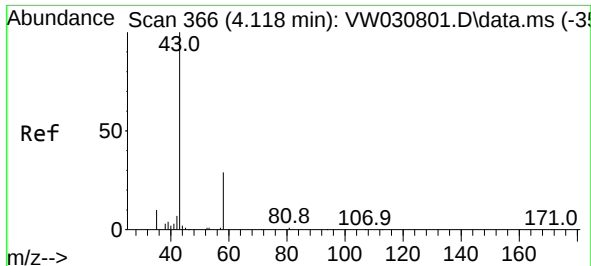
Tgt Ion:101 Resp: 85008
 Ion Ratio Lower Upper
 101 100
 85 45.8 35.7 53.5
 151 69.4 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 14.239 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030823.D
 Acq: 29 Oct 2024 22:52

Tgt Ion: 96 Resp: 71038
 Ion Ratio Lower Upper
 96 100
 61 172.4 121.3 225.3
 63 100.1 87.6 162.8

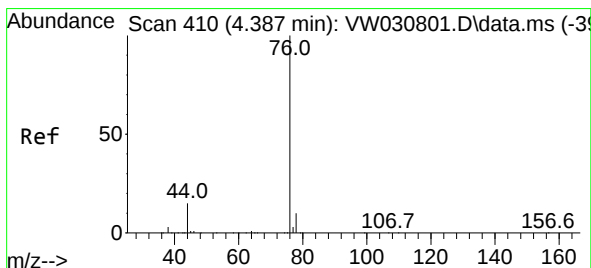
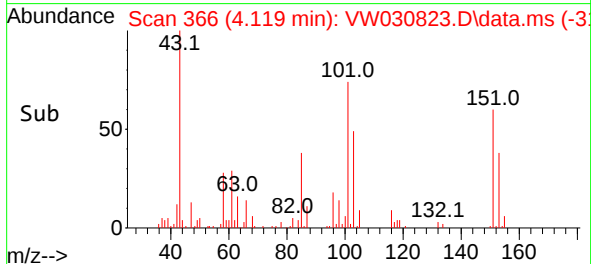
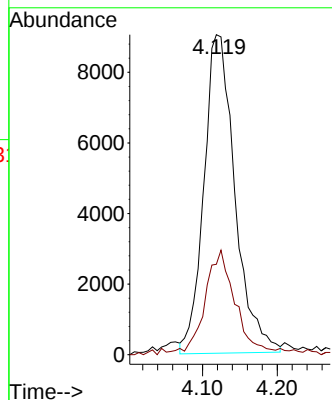
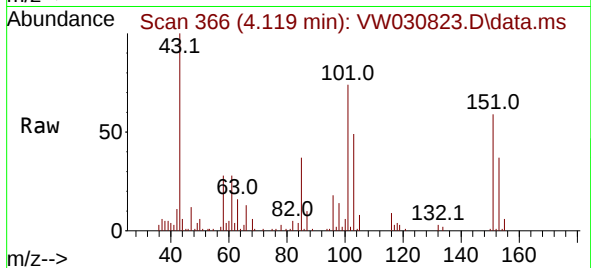




#13
Acetone
Concen: 16.919 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
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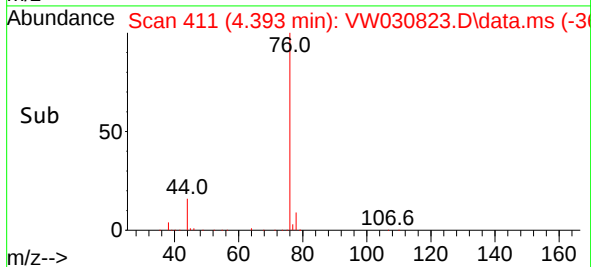
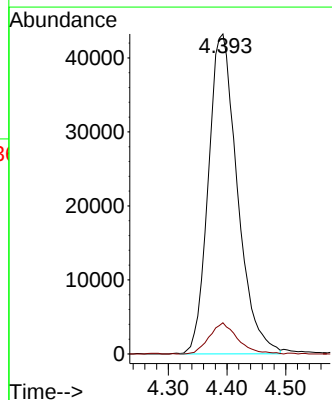
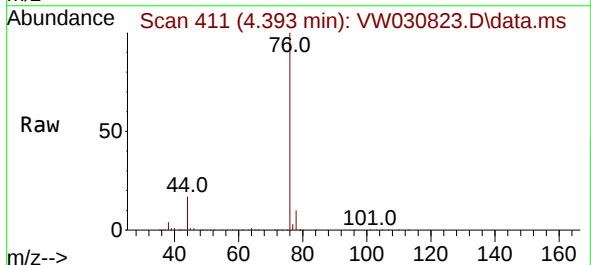
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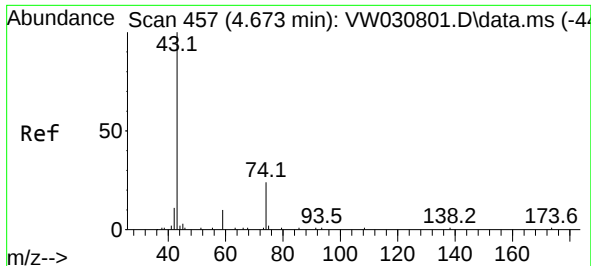
Tgt Ion: 43 Resp: 26055
Ion Ratio Lower Upper
43 100
58 31.4 0.0 57.6



#14
Carbon disulfide
Concen: 9.113 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

Tgt Ion: 76 Resp: 148467
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

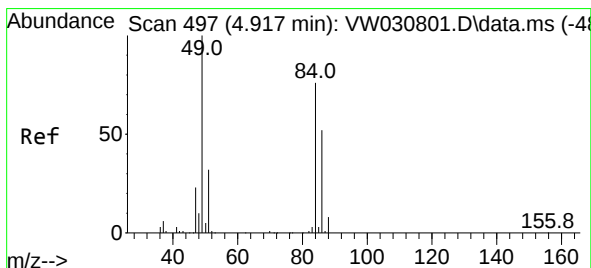
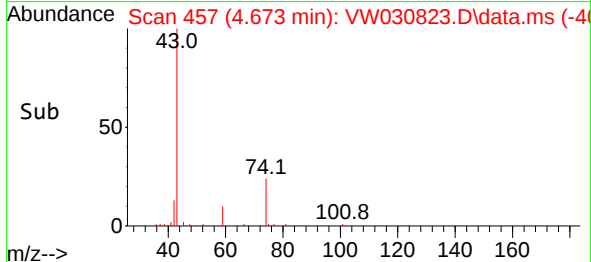
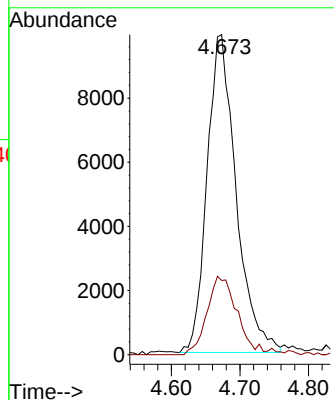
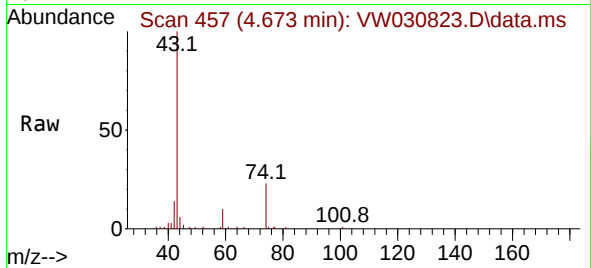




#15
Methyl Acetate
Concen: 15.352 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

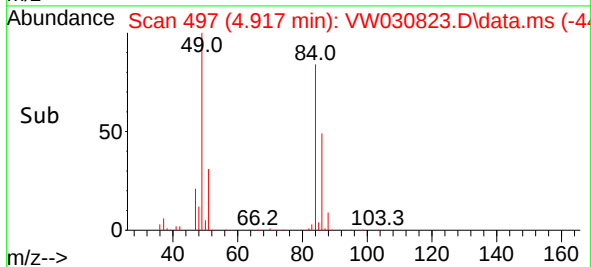
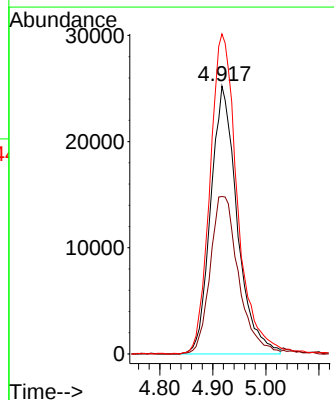
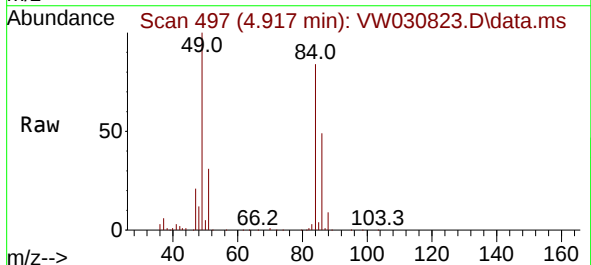
Instrument :
MSVOA_W
ClientSampleId :

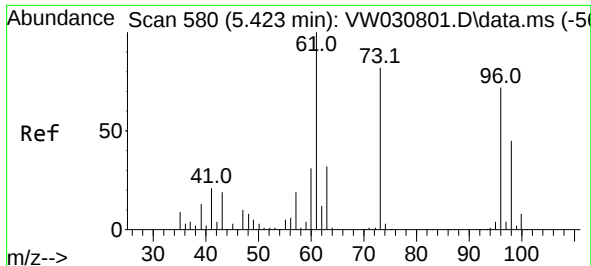
Tgt Ion: 43 Resp: 29205
Ion Ratio Lower Upper
43 100
74 24.8 19.3 28.9



#16
Methylene chloride
Concen: 15.564 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

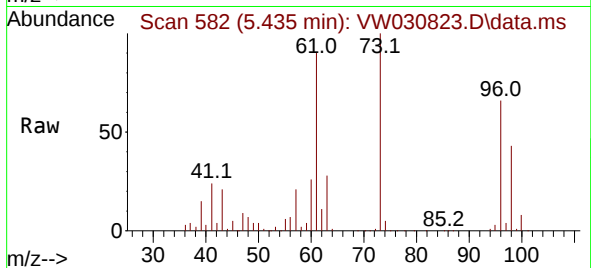
Tgt Ion: 84 Resp: 87496
Ion Ratio Lower Upper
84 100
86 58.8 43.8 81.3
49 119.5 88.3 164.1



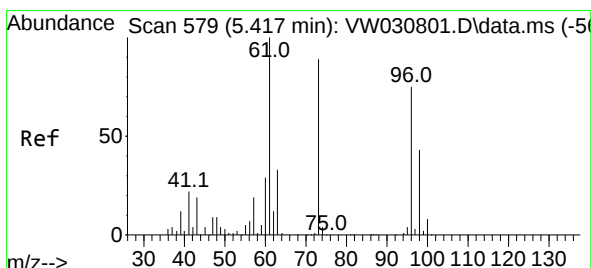
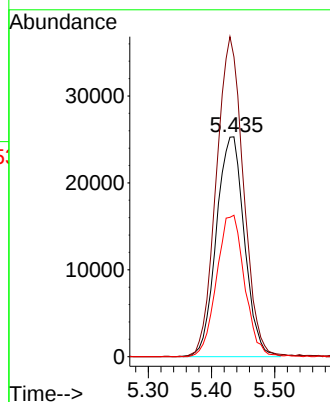
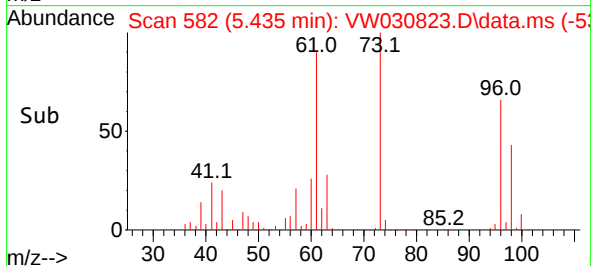


#17
trans-1,2-Dichloroethene
Concen: 14.471 ug/L
RT: 5.435 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

Instrument :
MSVOA_W
ClientSampleId :

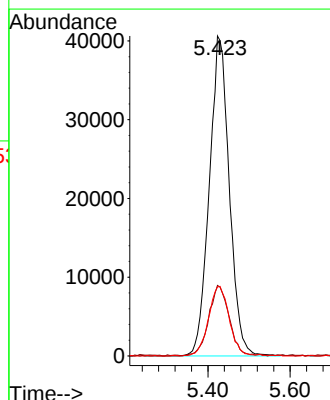
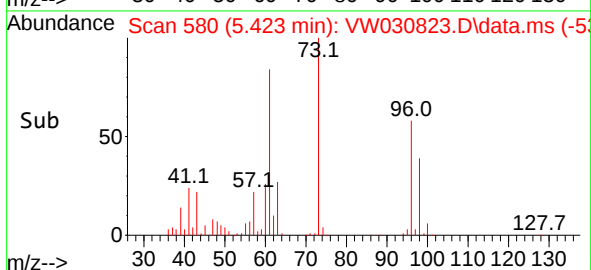
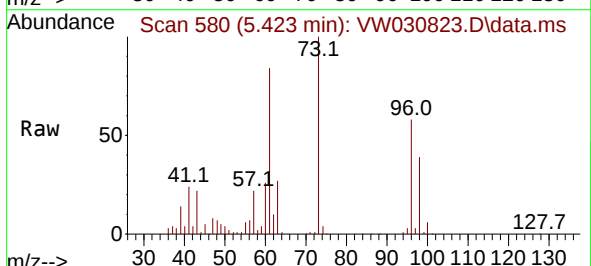


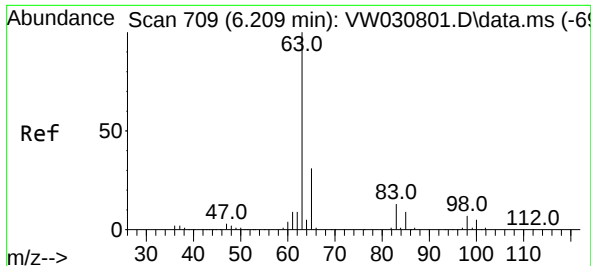
Tgt Ion:	96	Resp:	77904
Ion	Ratio	Lower	Upper
96	100		
61	136.3	96.9	179.9
98	64.4	42.2	78.4



#18
Methyl tert-butyl Ether
Concen: 18.234 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

Tgt Ion:	73	Resp:	137382
Ion	Ratio	Lower	Upper
73	100		
43	22.0	18.1	27.1
57	22.4	17.7	26.5

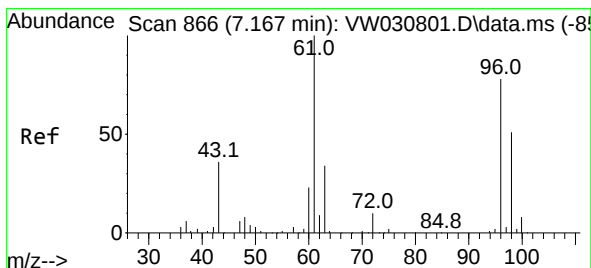
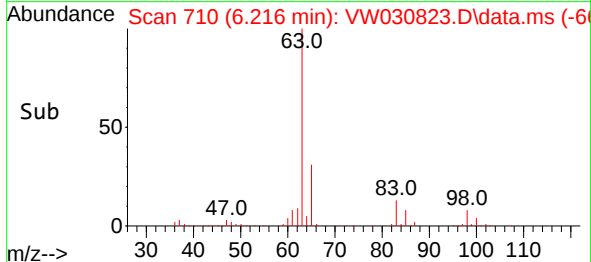
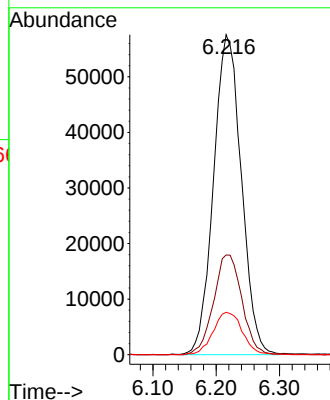
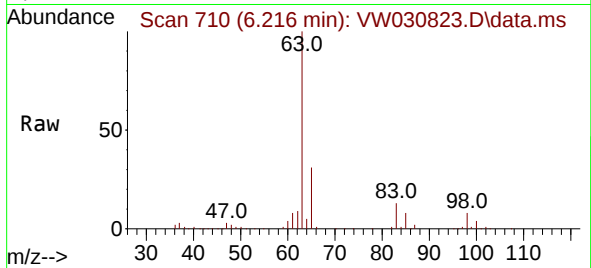




#19
1,1-Dichloroethane
Concen: 17.529 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

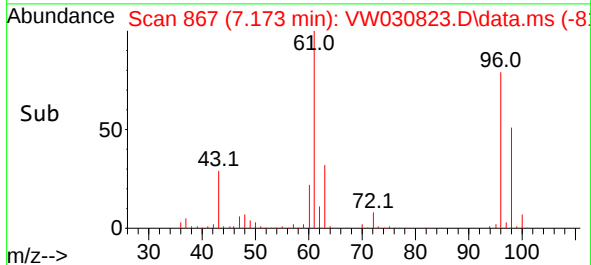
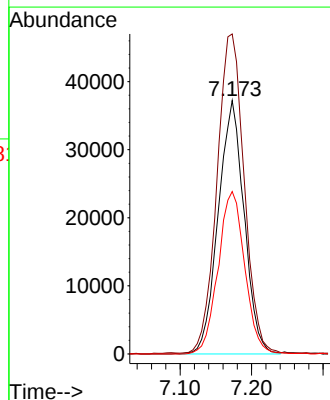
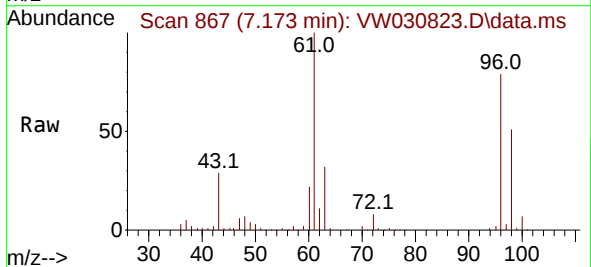
Instrument :
MSVOA_W
ClientSampleId :

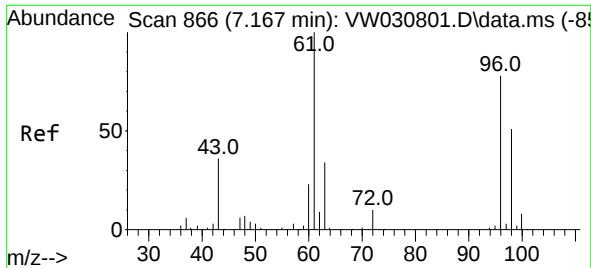
Tgt Ion: 63 Resp: 175395
Ion Ratio Lower Upper
63 100
65 31.1 22.5 41.9
83 13.2 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 16.293 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

Tgt Ion: 96 Resp: 93559
Ion Ratio Lower Upper
96 100
61 126.3 88.3 163.9
98 64.1 41.3 76.7

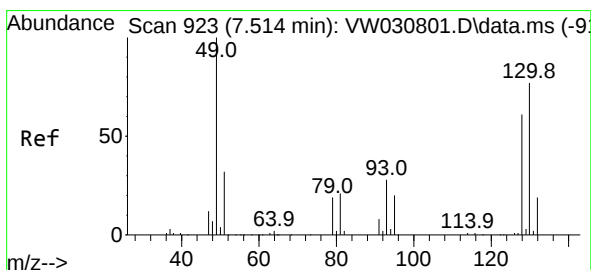
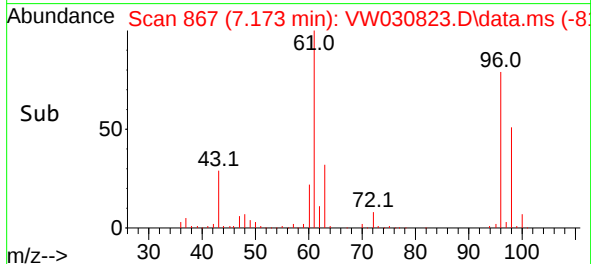
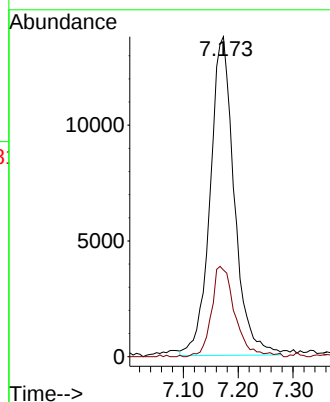
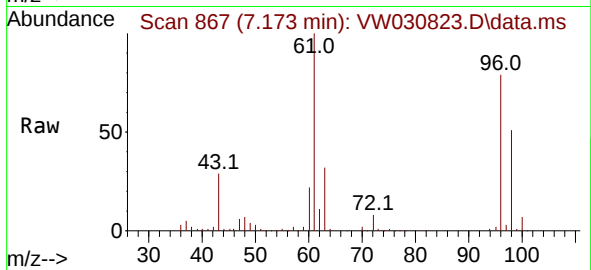




#22
2-Butanone
Concen: 25.429 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

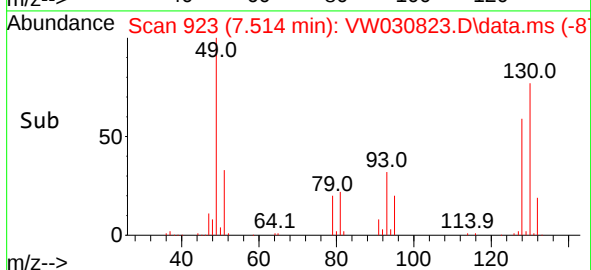
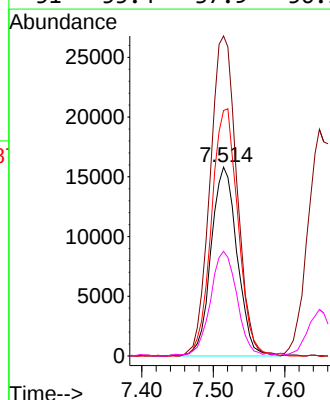
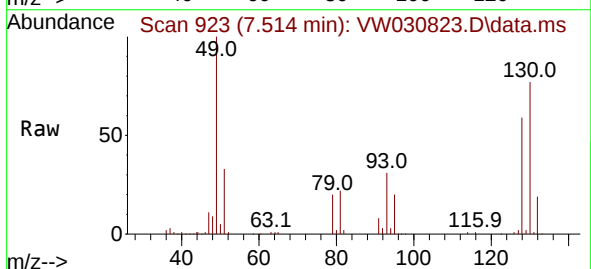
Instrument :
MSVOA_W
ClientSampleId :

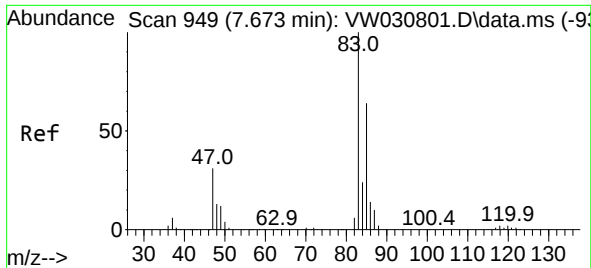
Tgt Ion: 43 Resp: 42213
Ion Ratio Lower Upper
43 100
72 26.9 14.4 43.0



#23
Bromochloromethane
Concen: 15.887 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

Tgt Ion: 128 Resp: 39909
Ion Ratio Lower Upper
128 100
49 169.6 110.1 204.5
130 130.1 82.9 153.9
51 55.4 37.9 56.9

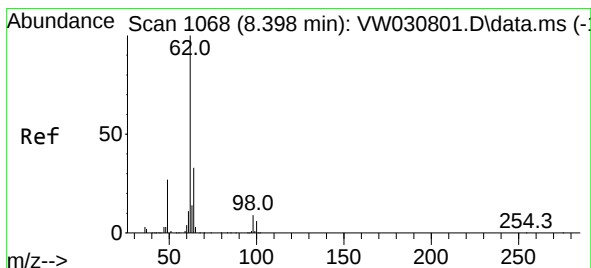
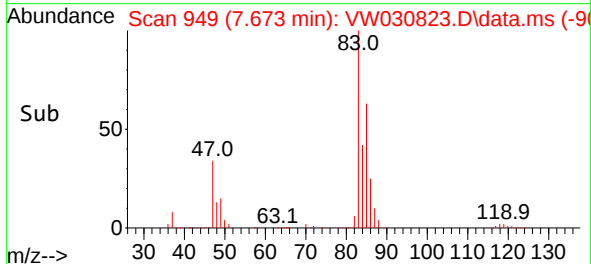
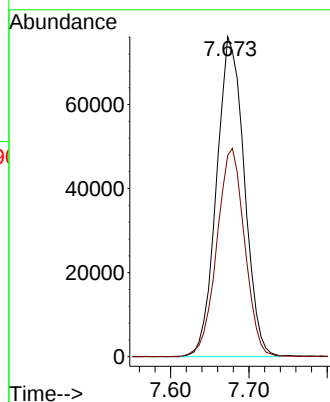
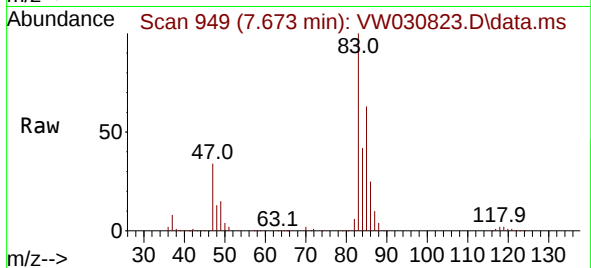




#25
Chloroform
Concen: 17.489 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

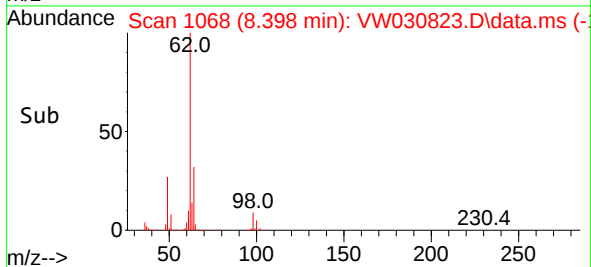
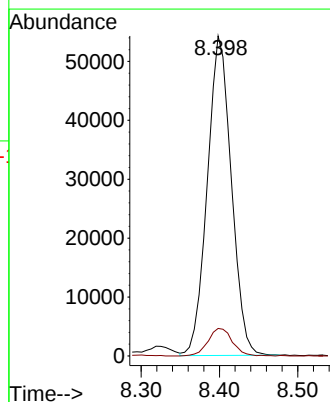
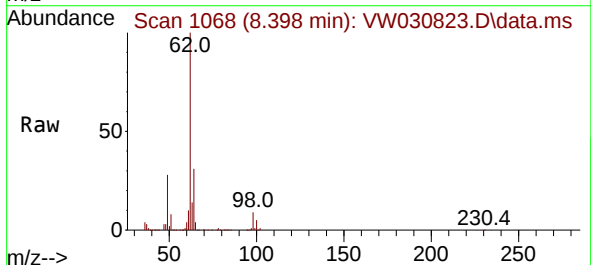
Instrument :
MSVOA_W
ClientSampleId :

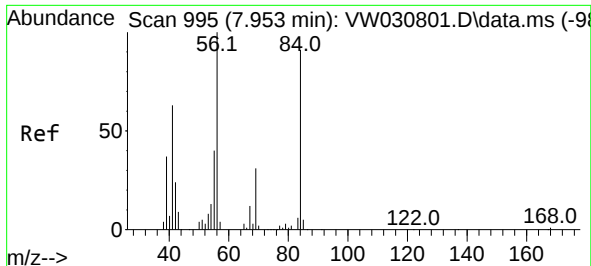
Tgt Ion: 83 Resp: 186999
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 16.397 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

Tgt Ion: 62 Resp: 115664
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#29

Cyclohexane

Concen: 14.234 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

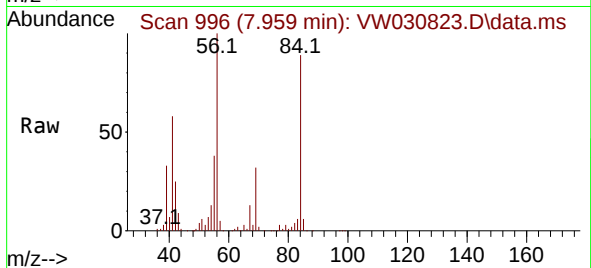
Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

ClientSampleId :



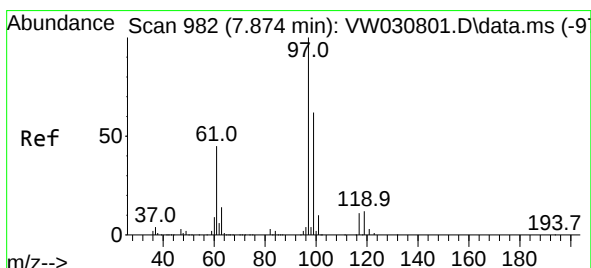
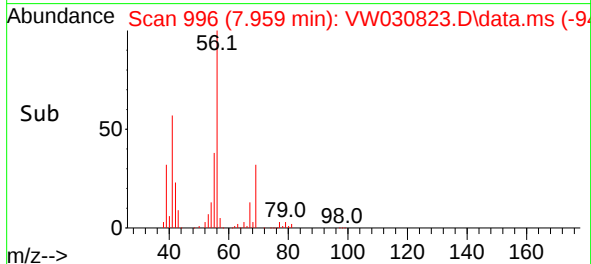
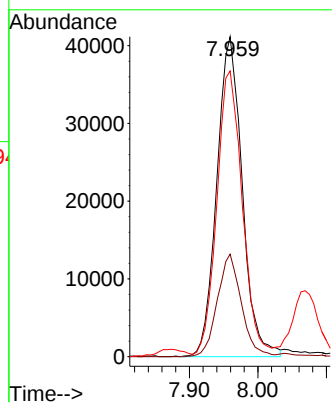
Tgt Ion: 56 Resp: 106009

Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.0

84 89.2 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 17.253 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

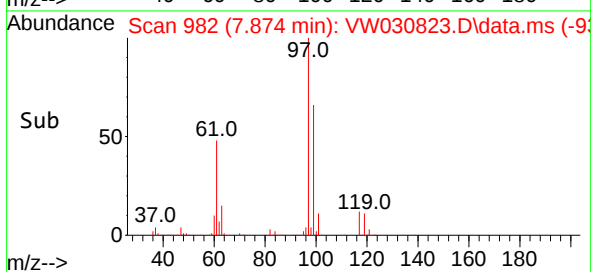
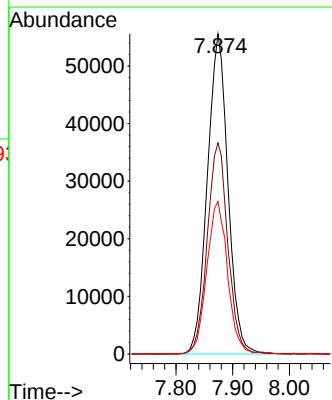
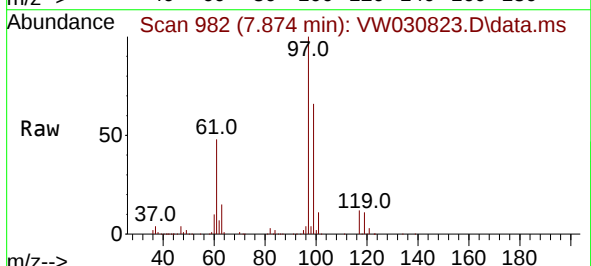
Tgt Ion: 97 Resp: 140121

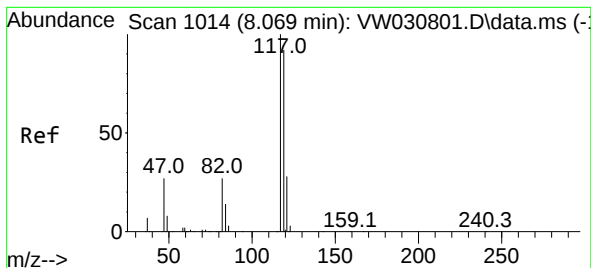
Ion Ratio Lower Upper

97 100

99 65.8 52.3 78.5

61 48.0 38.5 57.7





#31

Carbon tetrachloride

Concen: 16.175 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

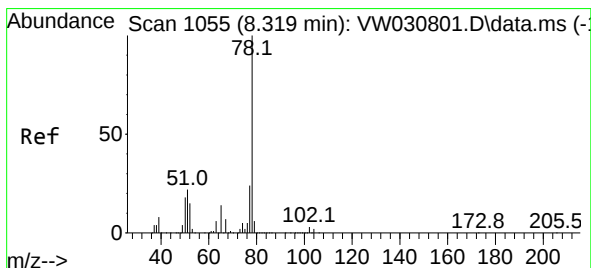
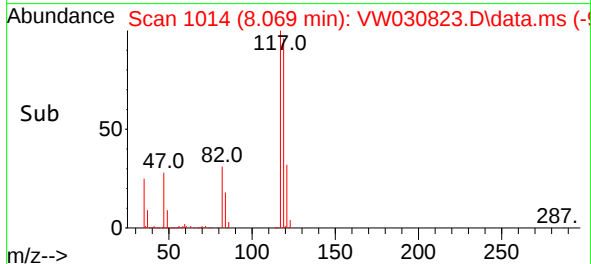
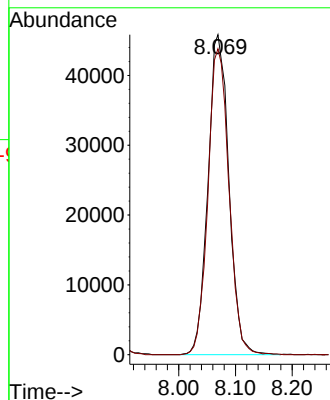
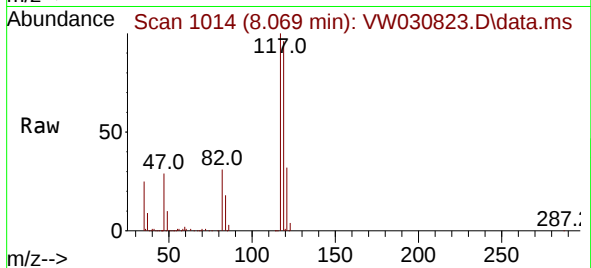
ClientSampleId :

Tgt Ion:117 Resp: 117330

Ion Ratio Lower Upper

117 100

119 95.8 77.8 116.8



#33

Benzene

Concen: 17.480 ug/L

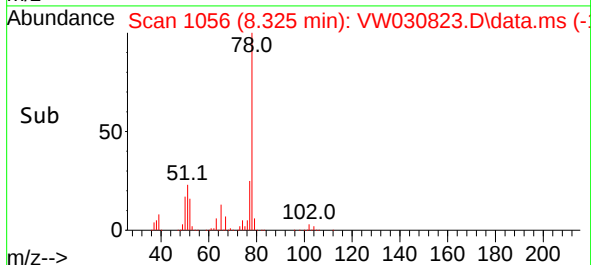
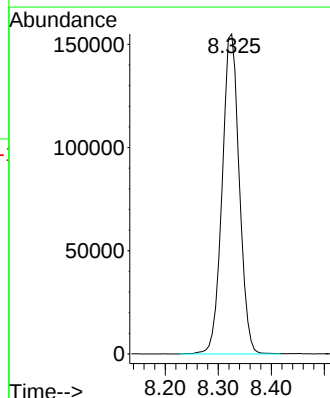
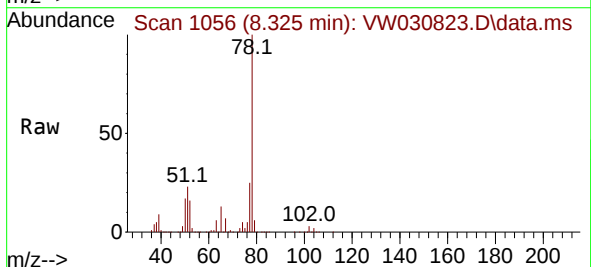
RT: 8.325 min Scan# 1056

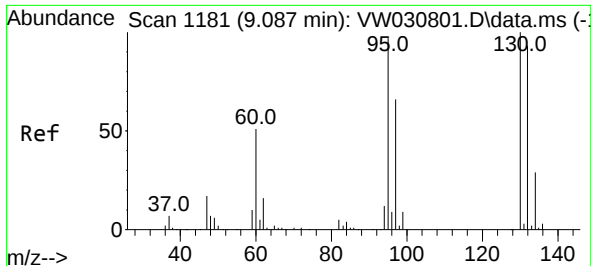
Delta R.T. 0.006 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Tgt Ion: 78 Resp: 348021





#34

Trichloroethene

Concen: 15.267 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

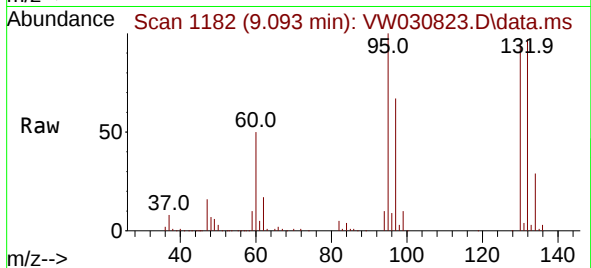
Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 84563

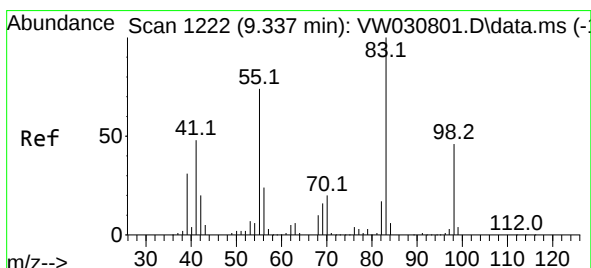
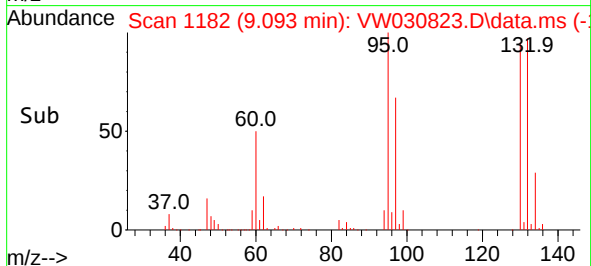
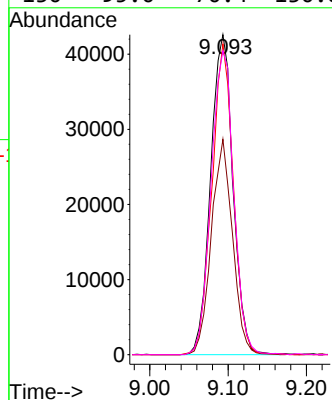
Ion Ratio Lower Upper

95 100

97 67.3 45.9 85.3

132 97.1 66.4 123.2

130 95.0 70.4 130.8



#35

Methylcyclohexane

Concen: 12.920 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

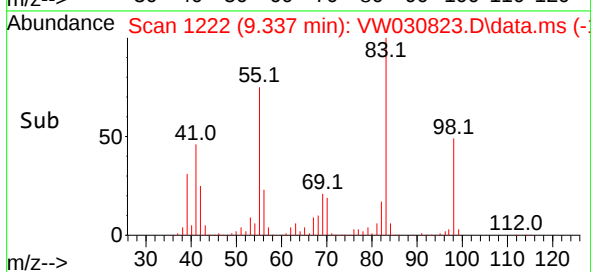
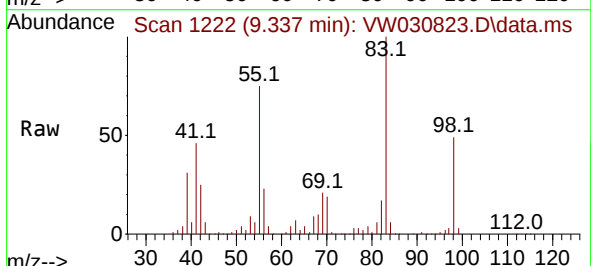
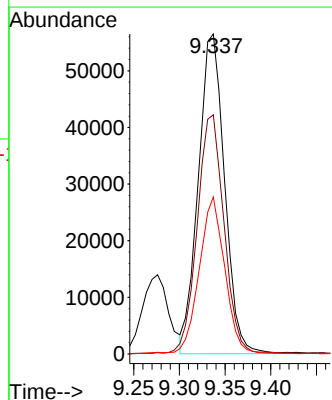
Tgt Ion: 83 Resp: 112628

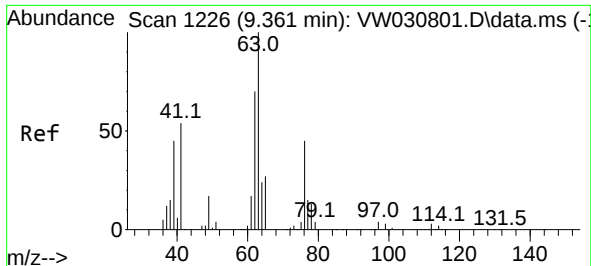
Ion Ratio Lower Upper

83 100

55 76.3 61.8 92.8

98 47.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 19.209 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

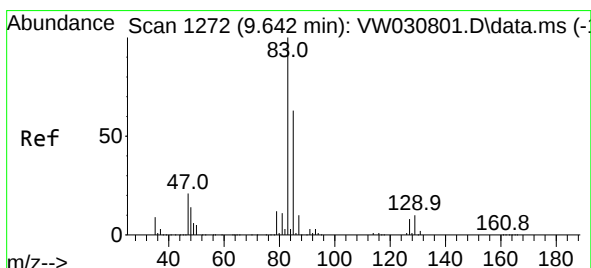
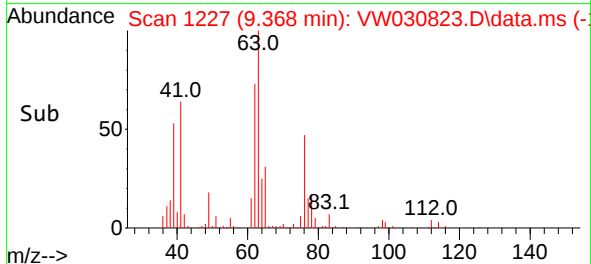
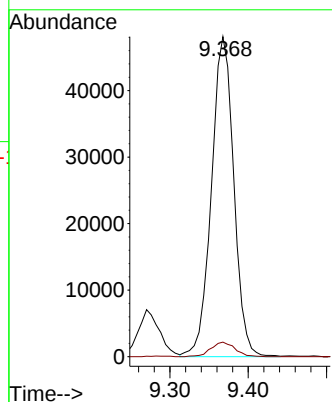
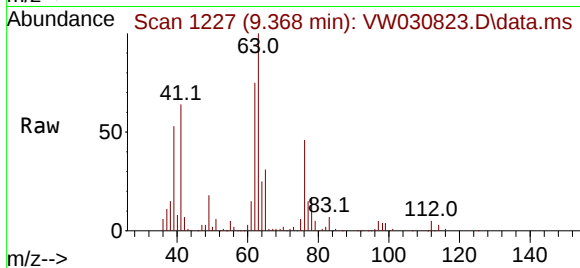
ClientSampleId :

Tgt Ion: 63 Resp: 95518

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#38

Bromodichloromethane

Concen: 19.167 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

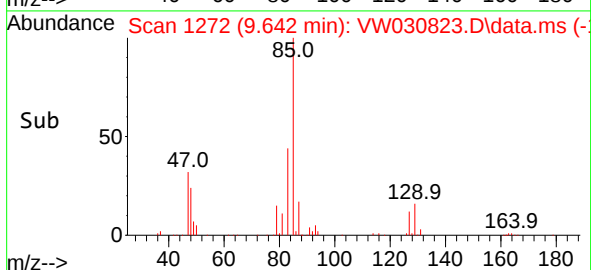
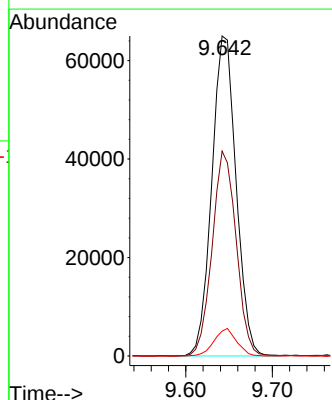
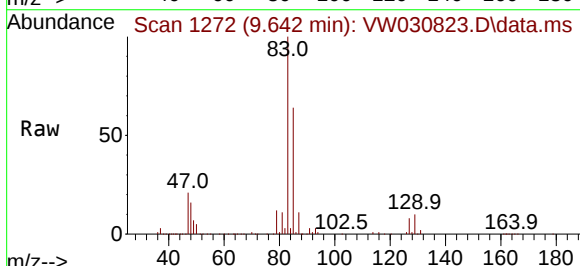
Tgt Ion: 83 Resp: 126805

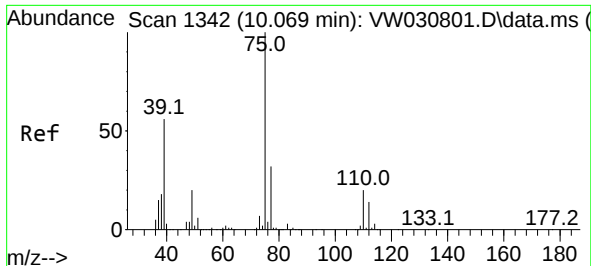
Ion Ratio Lower Upper

83 100

85 64.0 44.2 82.0

127 7.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 16.639 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

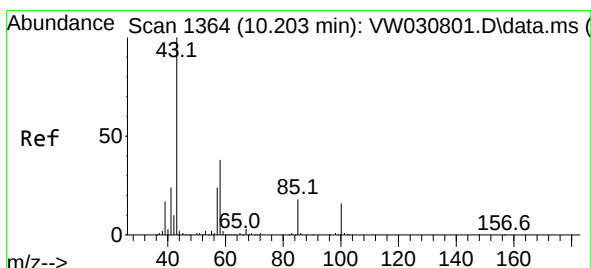
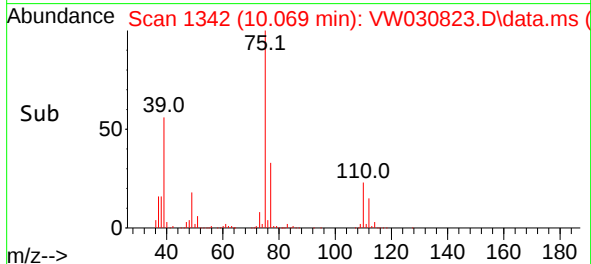
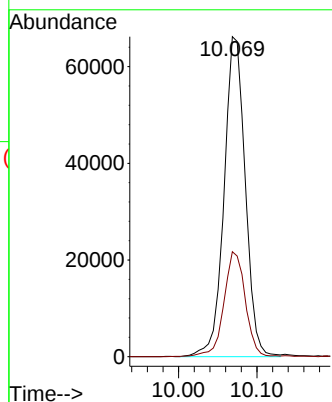
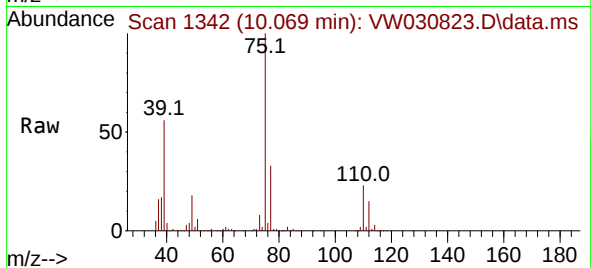
ClientSampleId :

Tgt Ion: 75 Resp: 124800

Ion Ratio Lower Upper

75 100

77 32.8 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 38.703 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

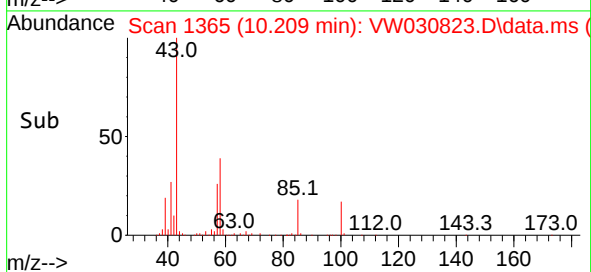
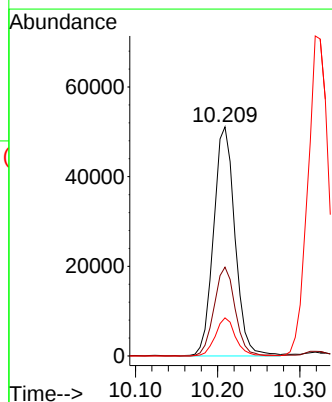
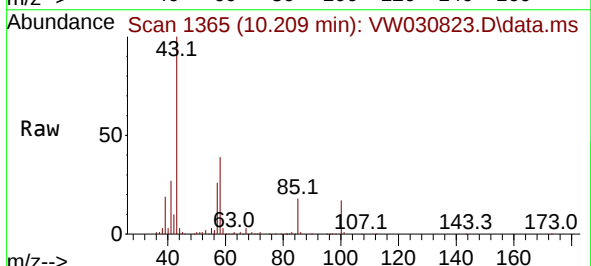
Tgt Ion: 43 Resp: 92456

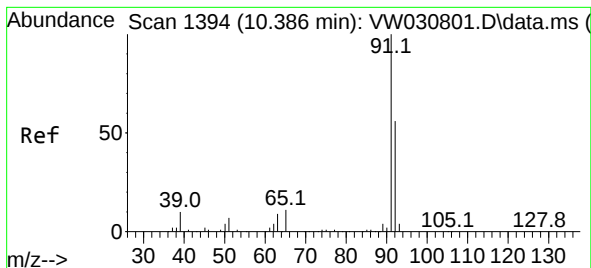
Ion Ratio Lower Upper

43 100

58 38.2 31.4 47.2

100 15.7 13.1 19.7





#42

Toluene

Concen: 15.816 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

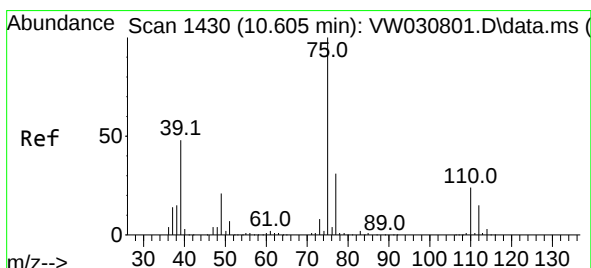
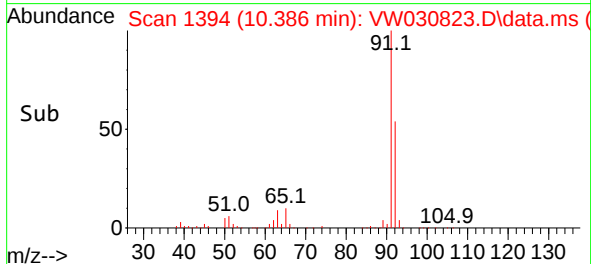
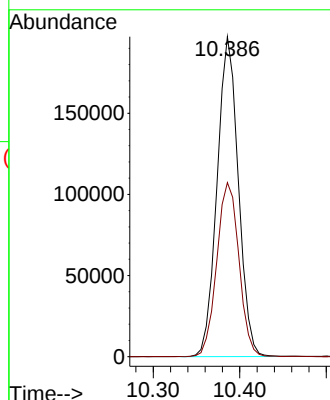
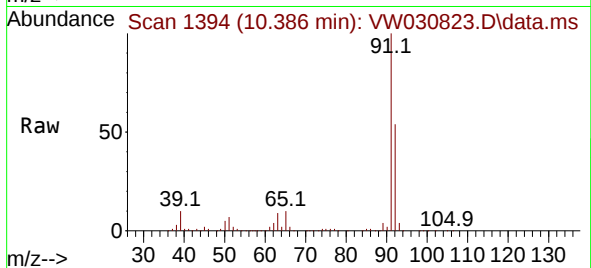
ClientSampleId :

Tgt Ion: 91 Resp: 335932

Ion Ratio Lower Upper

91 100

92 54.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 16.748 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030823.D

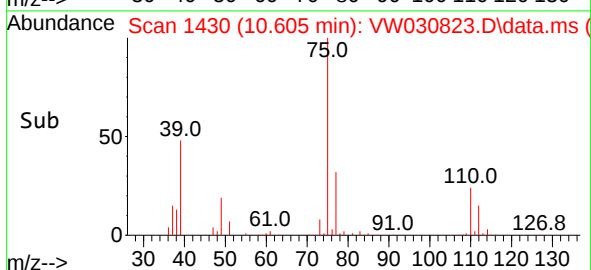
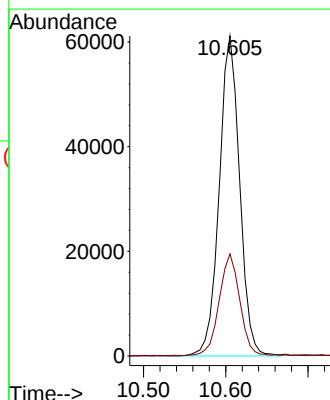
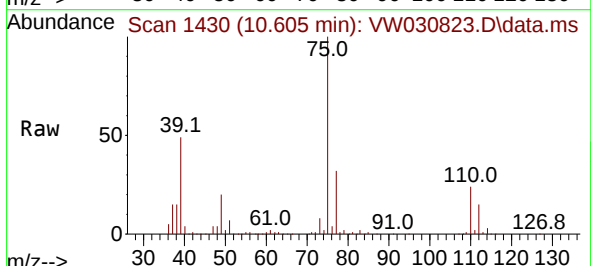
Acq: 29 Oct 2024 22:52

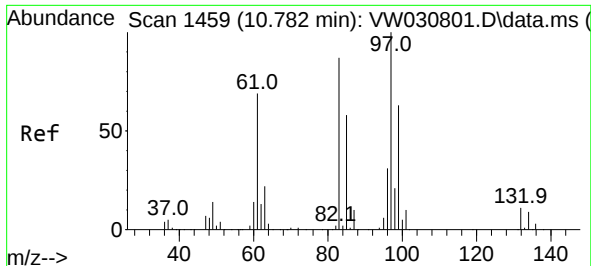
Tgt Ion: 75 Resp: 105561

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 18.543 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

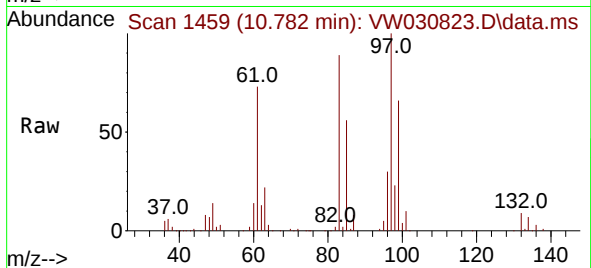
Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 66638

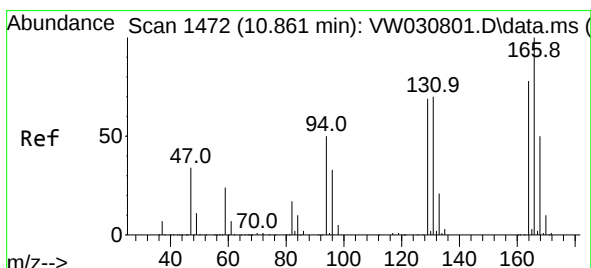
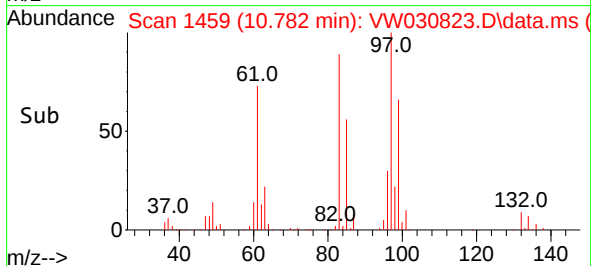
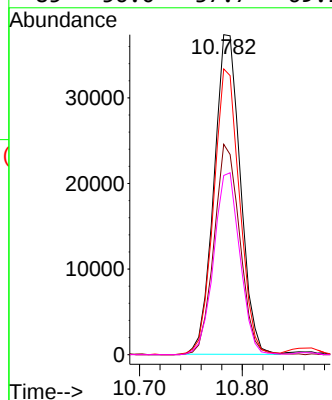
Ion Ratio Lower Upper

97 100

99 65.8 41.2 76.6

83 89.3 59.6 110.6

85 56.0 37.7 69.9



#46

Tetrachloroethene

Concen: 12.344 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Tgt Ion:164 Resp: 50431

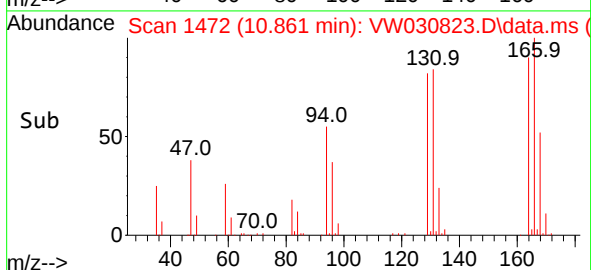
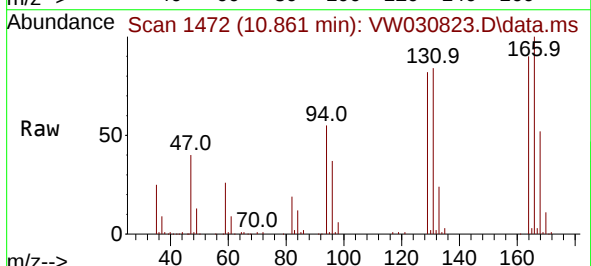
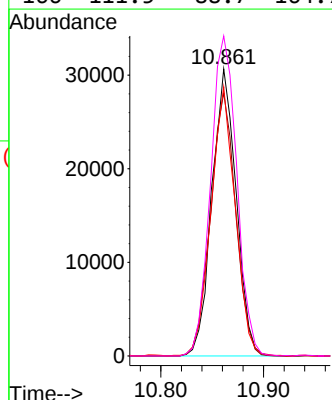
Ion Ratio Lower Upper

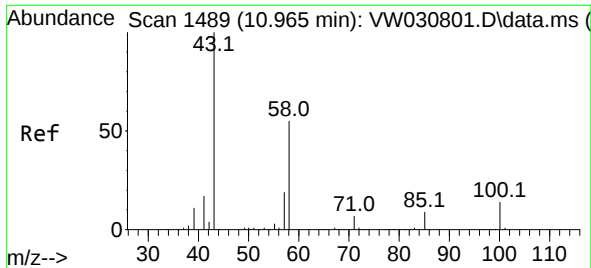
164 100

129 91.6 66.6 123.6

131 93.7 63.7 118.3

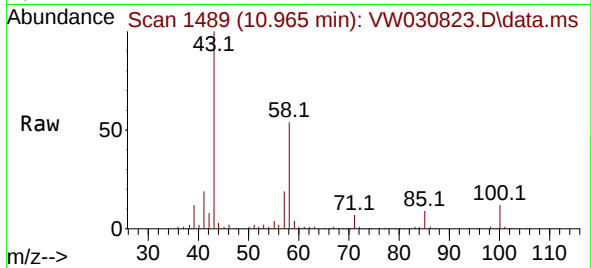
166 111.5 88.7 164.7



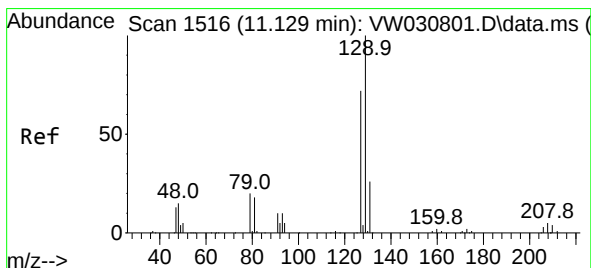
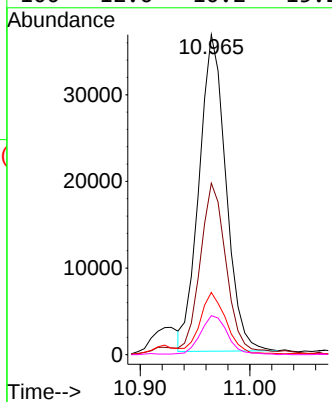
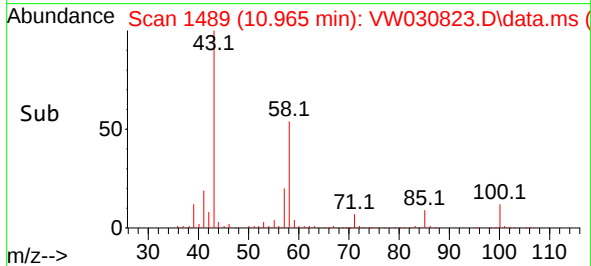


#48
2-Hexanone
Concen: 31.836 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

Instrument :
MSVOA_W
ClientSampleId :

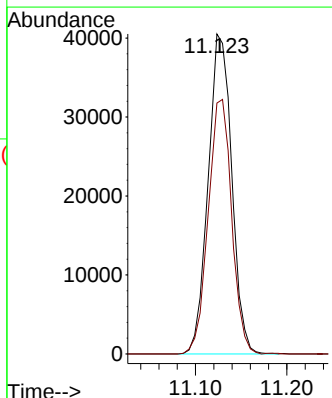
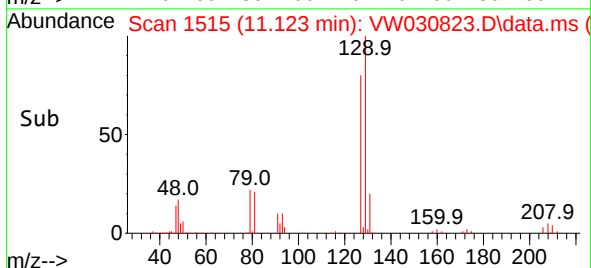
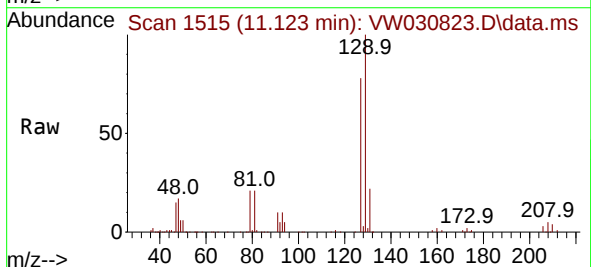


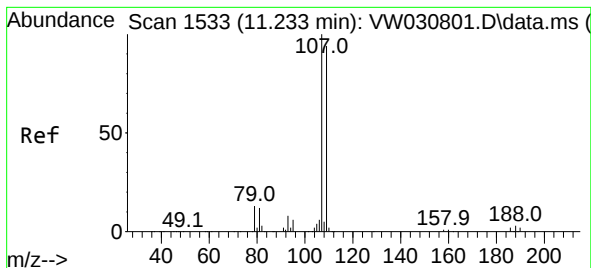
Tgt Ion:	43	Resp:	62194
Ion	Ratio	Lower	Upper
43	100		
58	53.4	44.6	67.0
57	18.4	15.8	23.8
100	12.6	10.2	15.2



#49
Dibromochloromethane
Concen: 18.098 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

Tgt Ion:	129	Resp:	72571
Ion	Ratio	Lower	Upper
129	100		
127	78.4	56.5	104.9





#50

1,2-Dibromoethane

Concen: 17.966 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030823.D

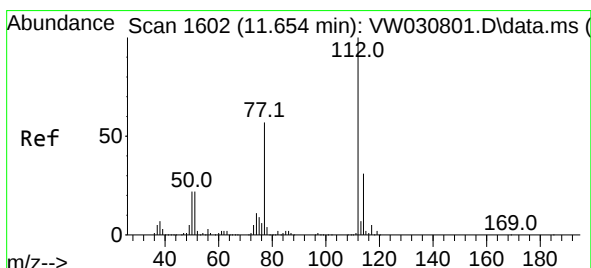
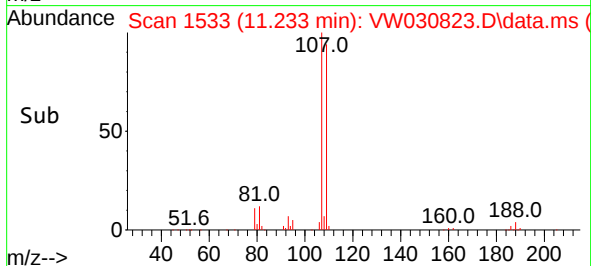
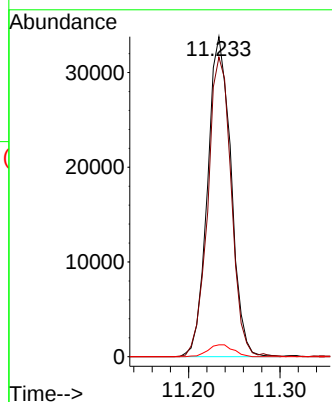
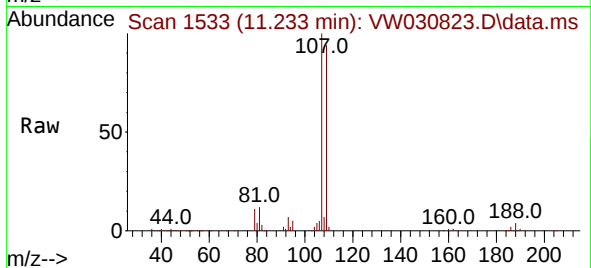
Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	60247
Ion	Ratio	Lower	Upper
107	100		
109	93.6	63.8	118.6
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 15.255 ug/L

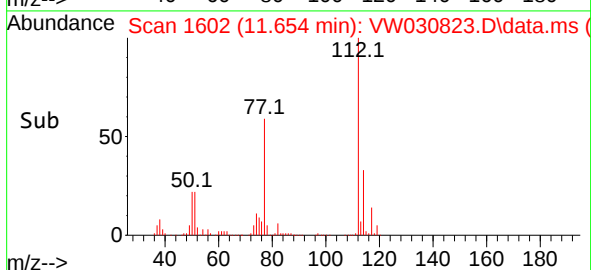
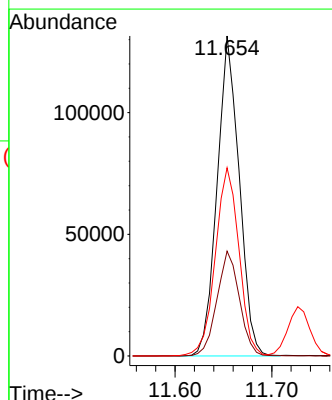
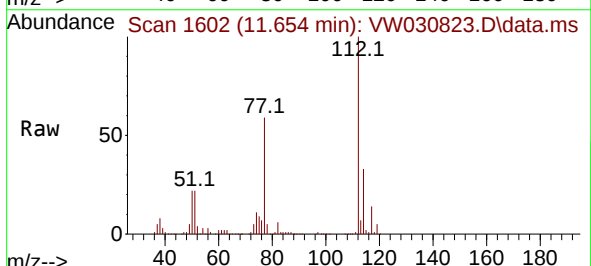
RT: 11.654 min Scan# 1602

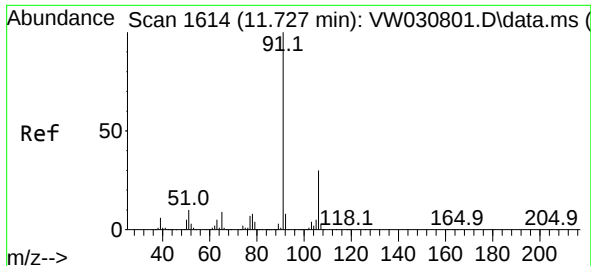
Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Tgt Ion:	112	Resp:	208591
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.4	41.6
77	58.8	47.1	70.7





#52

Ethylbenzene

Concen: 13.864 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

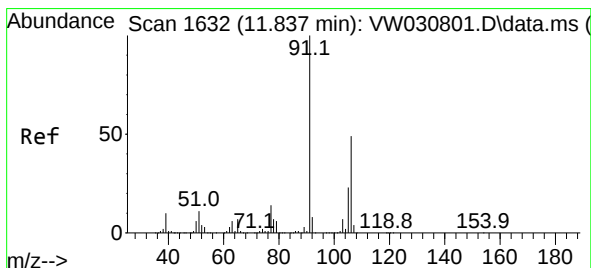
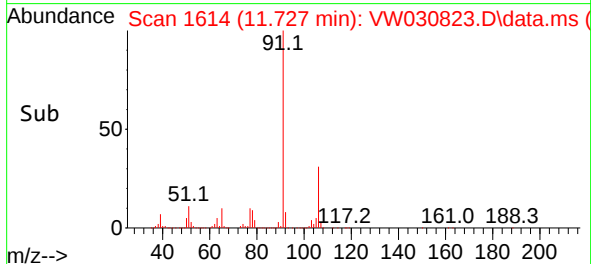
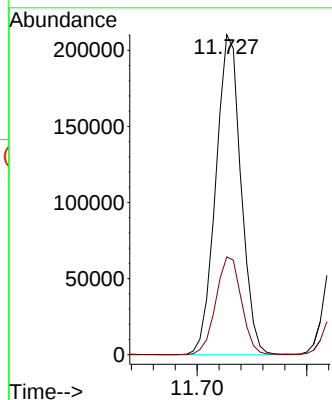
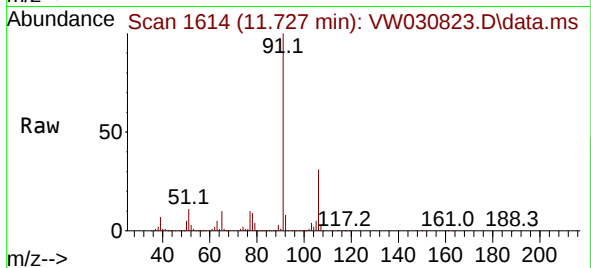
ClientSampleId :

Tgt Ion: 91 Resp: 336032

Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.1



#53

m,p-Xylene

Concen: 13.796 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030823.D

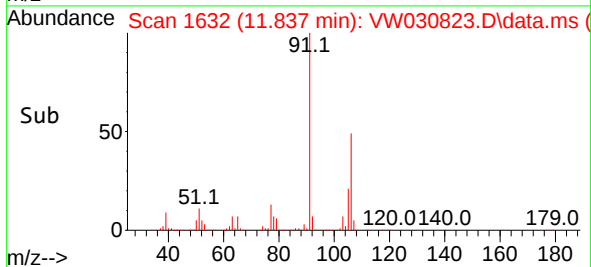
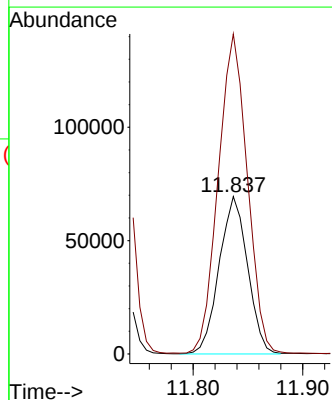
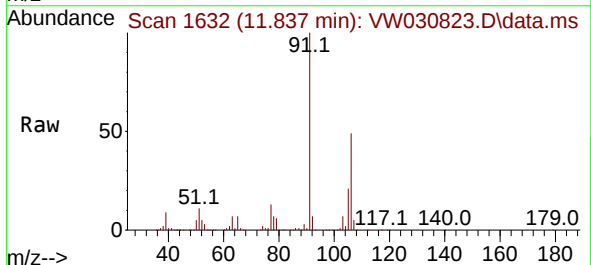
Acq: 29 Oct 2024 22:52

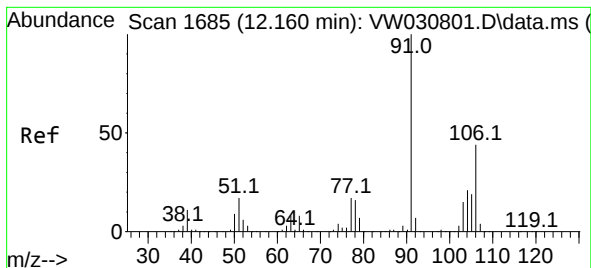
Tgt Ion:106 Resp: 125267

Ion Ratio Lower Upper

106 100

91 203.3 140.6 261.2





#54

o-Xylene

Concen: 15.346 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

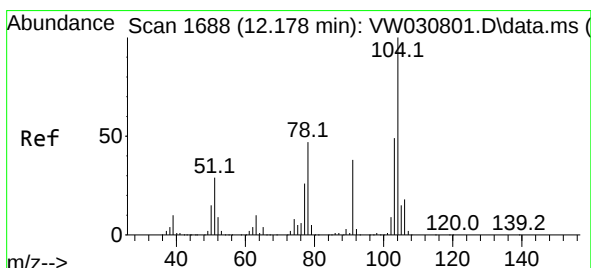
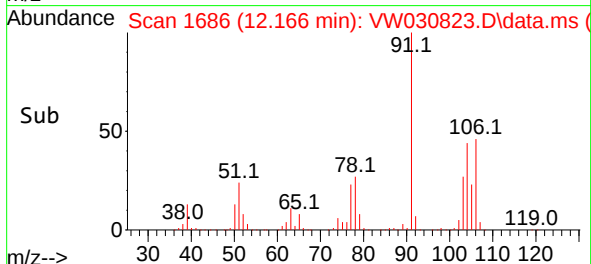
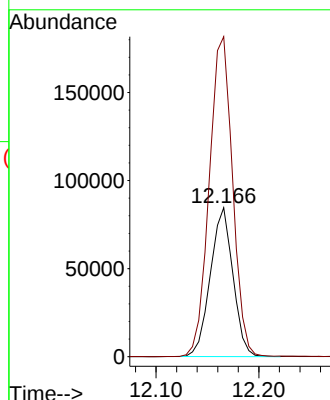
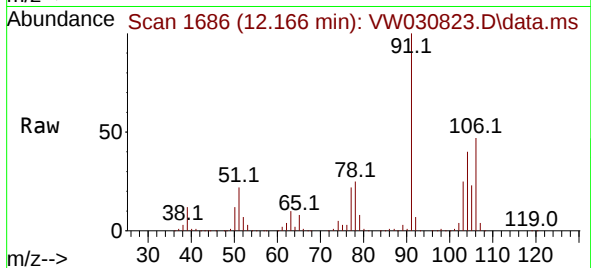
ClientSampleId :

Tgt Ion:106 Resp: 128829

Ion Ratio Lower Upper

106 100

91 214.8 144.5 268.4



#55

Styrene

Concen: 15.031 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030823.D

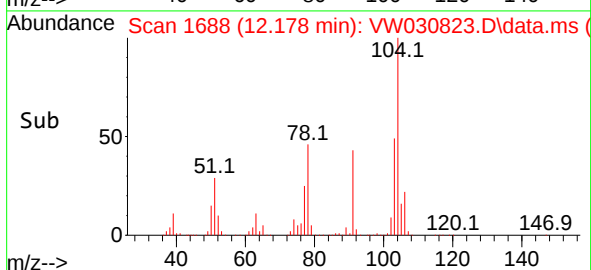
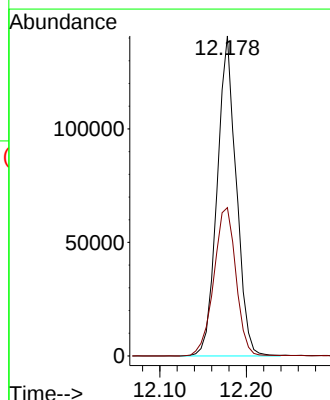
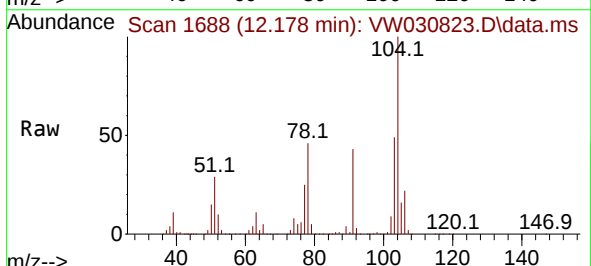
Acq: 29 Oct 2024 22:52

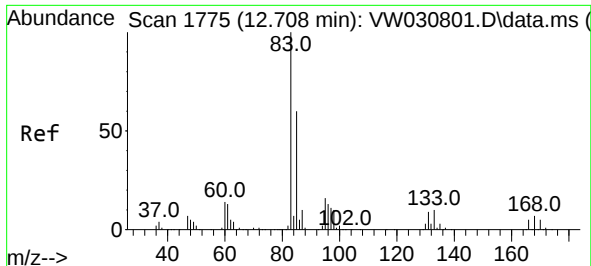
Tgt Ion:104 Resp: 215705

Ion Ratio Lower Upper

104 100

78 46.3 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 19.853 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

ClientSampleId :

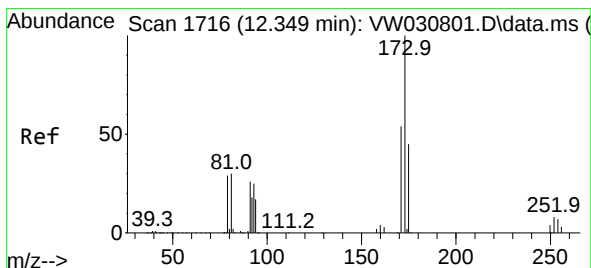
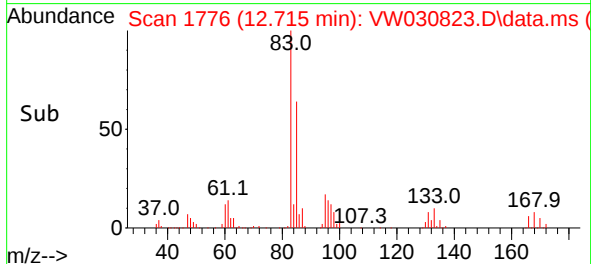
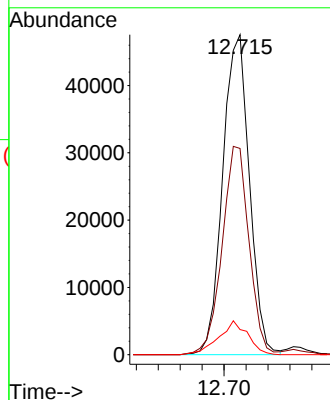
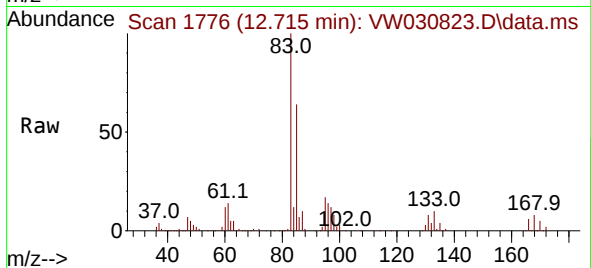
Tgt Ion: 83 Resp: 80458

Ion Ratio Lower Upper

83 100

85 64.5 42.6 79.2

131 7.9 7.4 11.0



#59

Bromoform

Concen: 22.618 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

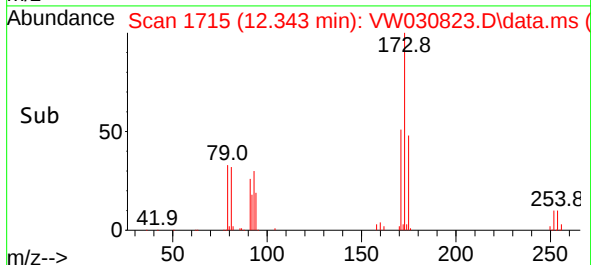
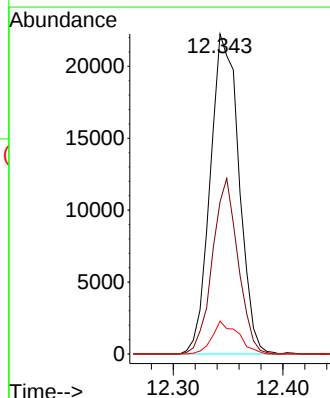
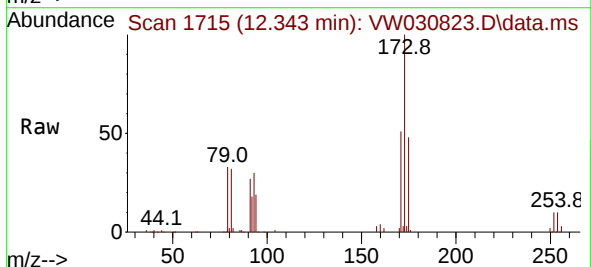
Tgt Ion:173 Resp: 40489

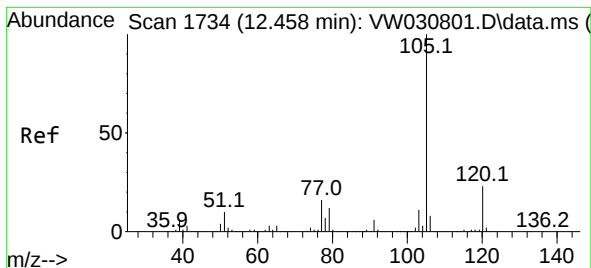
Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.4

254 9.3 7.7 11.5





#60

Isopropylbenzene

Concen: 15.779 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

ClientSampleId :

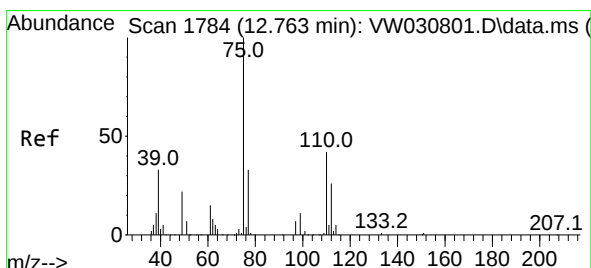
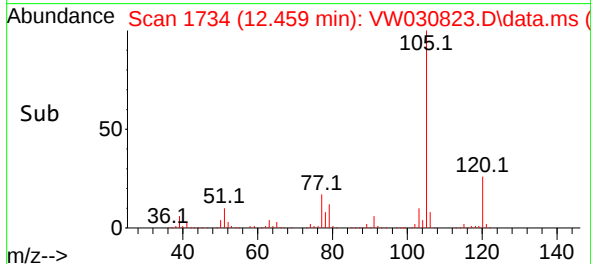
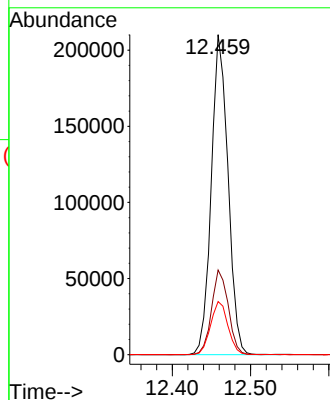
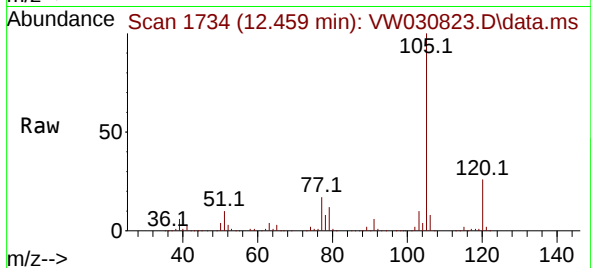
Tgt Ion:105 Resp: 311340

Ion Ratio Lower Upper

105 100

120 26.4 20.6 31.0

77 17.3 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 23.064 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

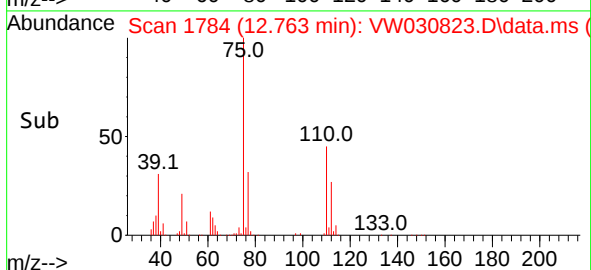
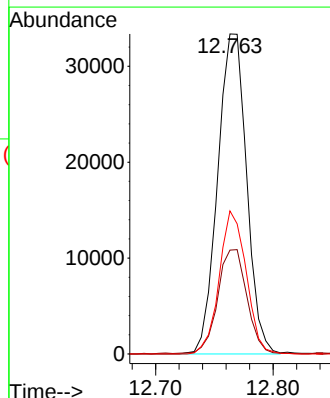
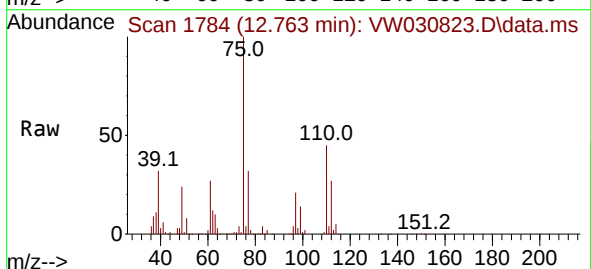
Tgt Ion: 75 Resp: 57183

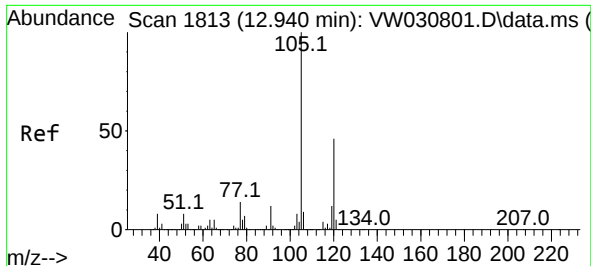
Ion Ratio Lower Upper

75 100

77 33.1 25.7 38.5

110 41.6 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 15.589 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

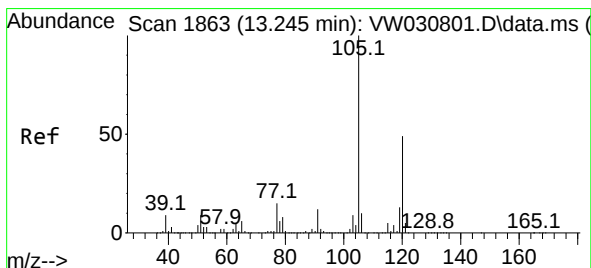
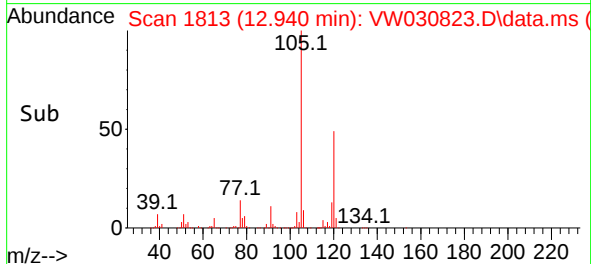
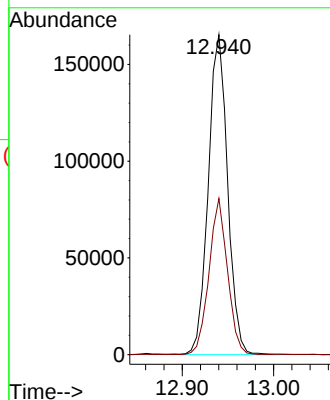
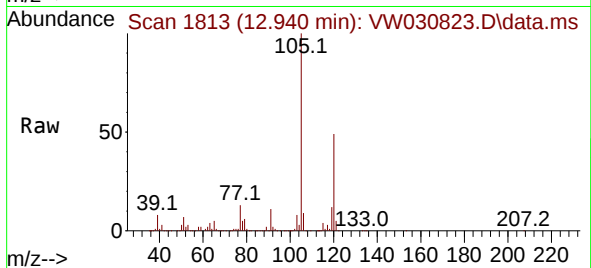
ClientSampleId :

Tgt Ion:105 Resp: 242671

Ion Ratio Lower Upper

105 100

120 46.7 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 15.861 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030823.D

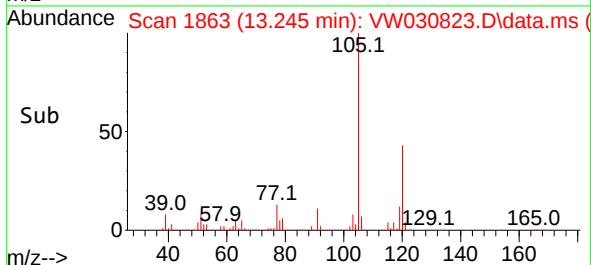
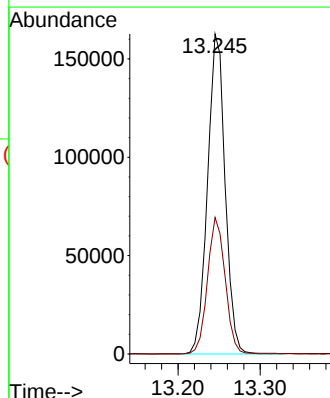
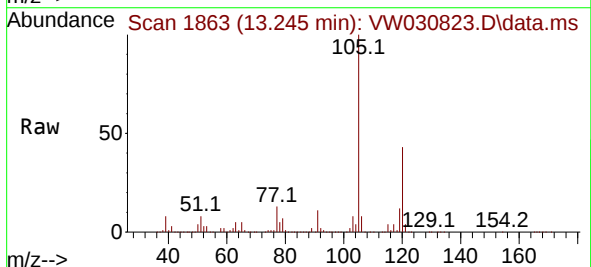
Acq: 29 Oct 2024 22:52

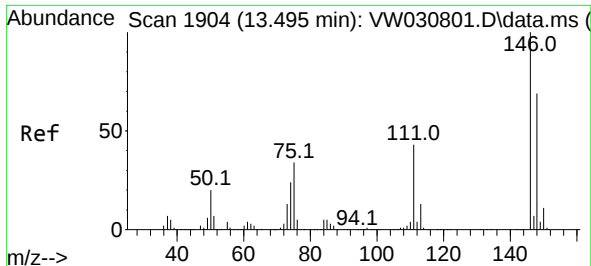
Tgt Ion:105 Resp: 241740

Ion Ratio Lower Upper

105 100

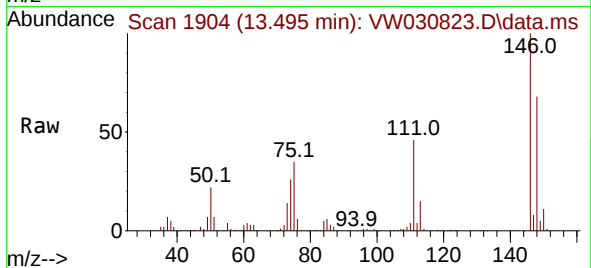
120 42.7 35.8 53.6



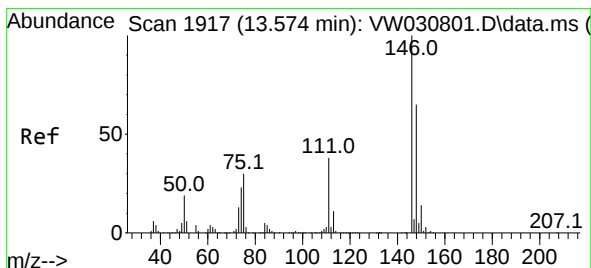
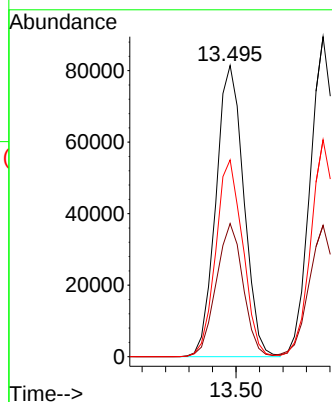
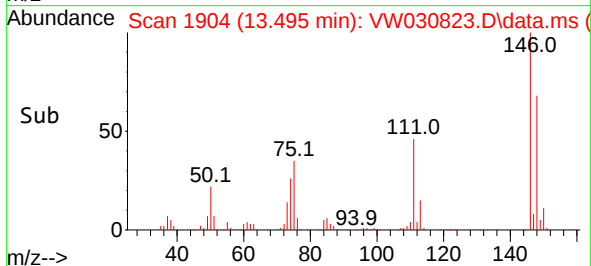


#64
1,3-Dichlorobenzene
Concen: 15.637 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52

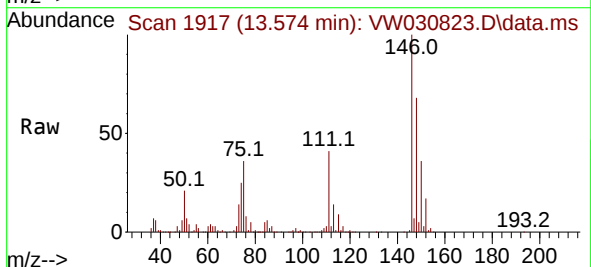
Instrument :
MSVOA_W
ClientSampleId :



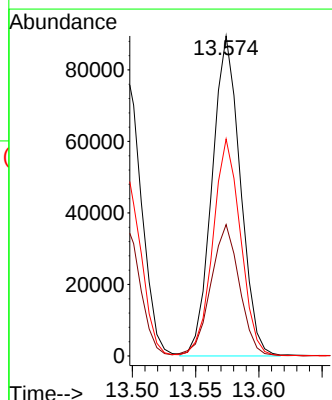
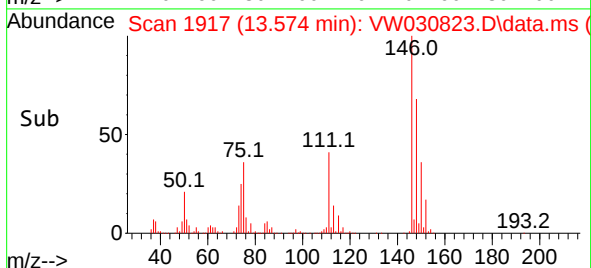
Tgt Ion:146 Resp: 134296
Ion Ratio Lower Upper
146 100
111 45.7 31.2 58.0
148 67.6 45.7 84.9

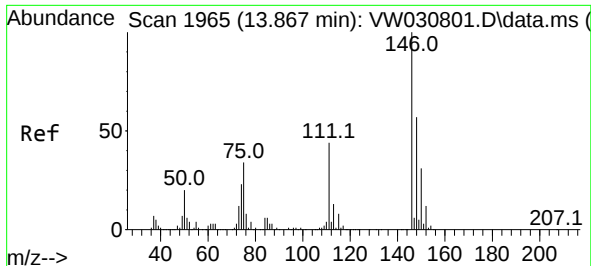


#65
1,4-Dichlorobenzene
Concen: 15.690 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030823.D
Acq: 29 Oct 2024 22:52



Tgt Ion:146 Resp: 139138
Ion Ratio Lower Upper
146 100
111 41.0 26.8 49.8
148 67.8 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 16.739 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

ClientSampleId :

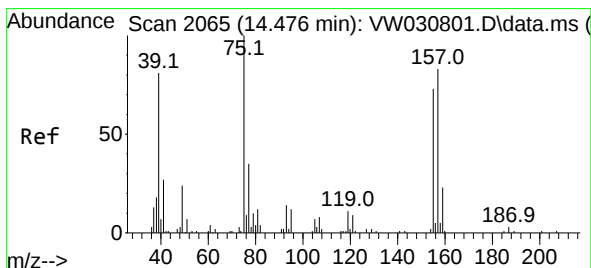
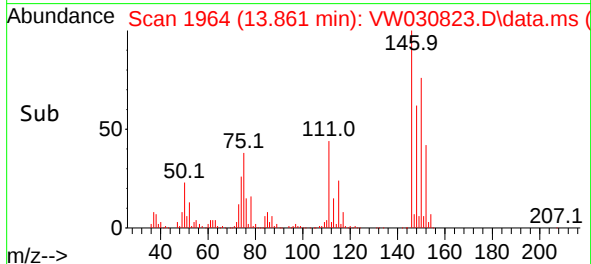
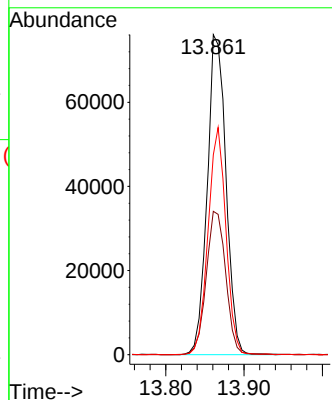
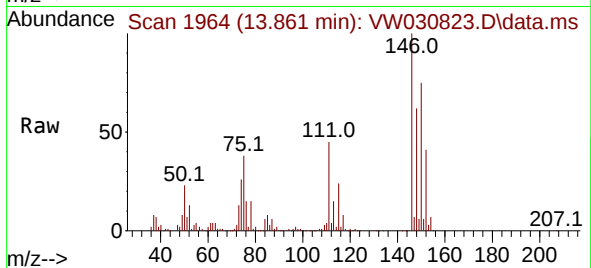
Tgt Ion:146 Resp: 126506

Ion Ratio Lower Upper

146 100

111 44.8 34.6 52.0

148 62.5 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.291 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

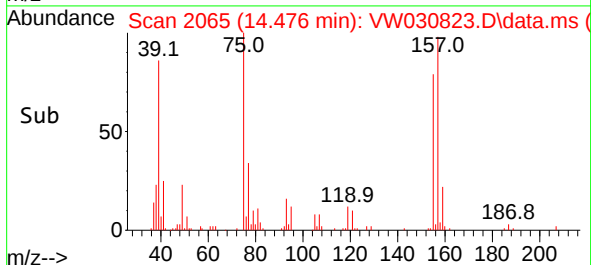
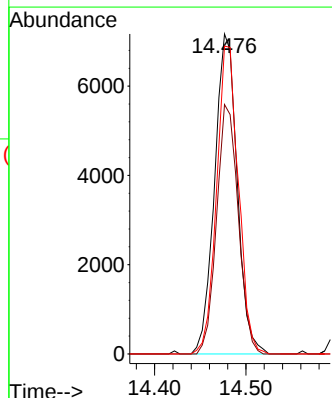
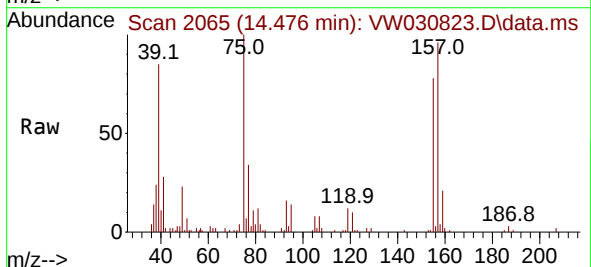
Tgt Ion: 75 Resp: 12323

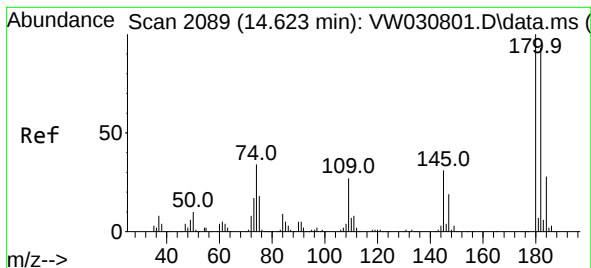
Ion Ratio Lower Upper

75 100

155 77.9 57.9 86.9

157 96.2 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 12.071 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

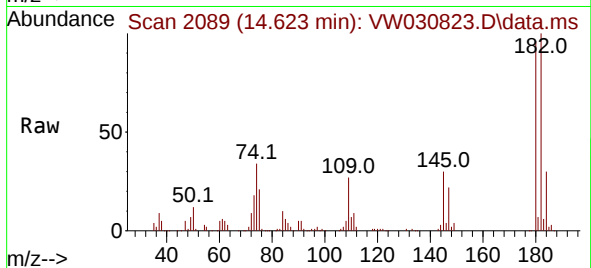
Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 68366

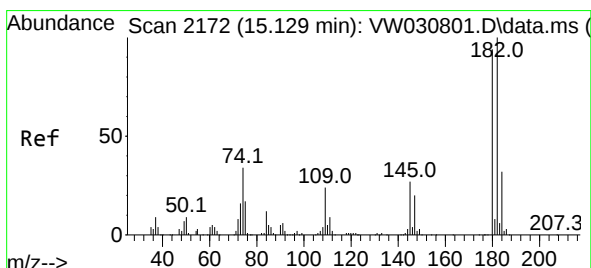
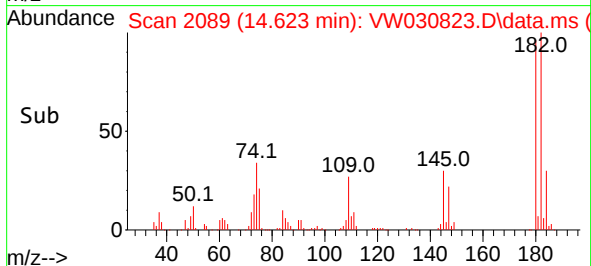
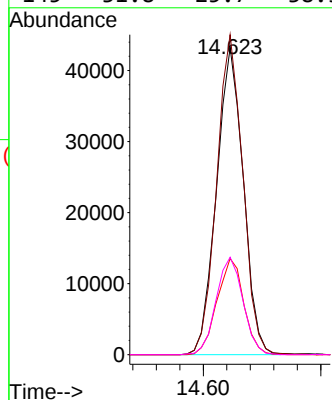
Ion Ratio Lower Upper

180 100

182 101.7 79.9 119.9

184 31.2 25.2 37.8

145 31.8 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 11.492 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

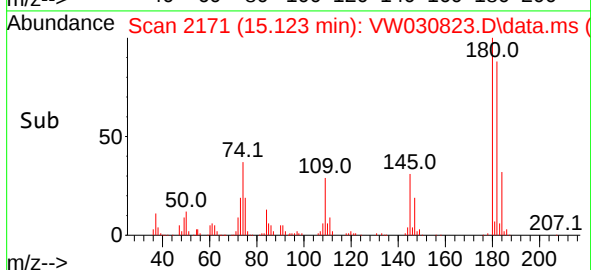
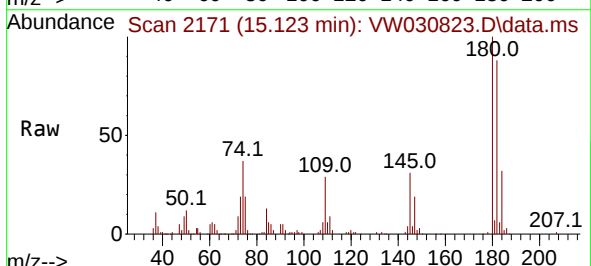
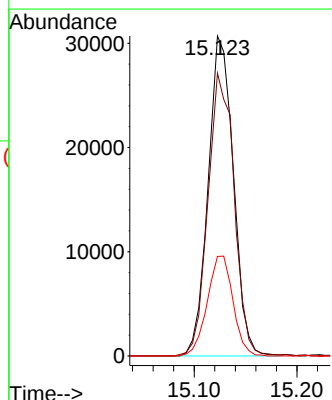
Tgt Ion:180 Resp: 52396

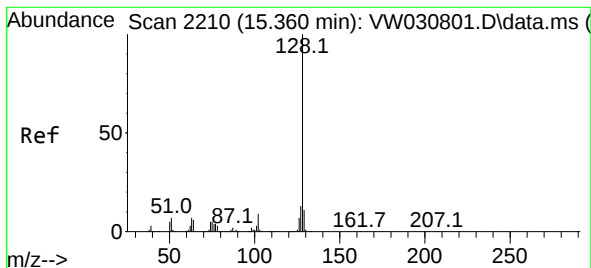
Ion Ratio Lower Upper

180 100

182 91.4 75.2 112.8

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 14.895 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Instrument :

MSVOA_W

ClientSampleId :

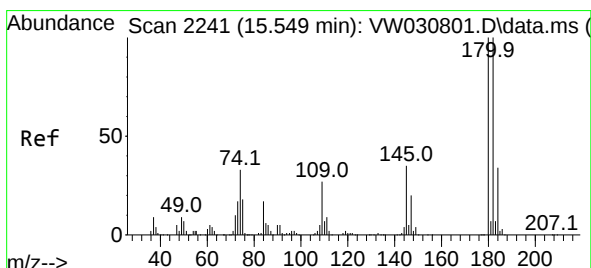
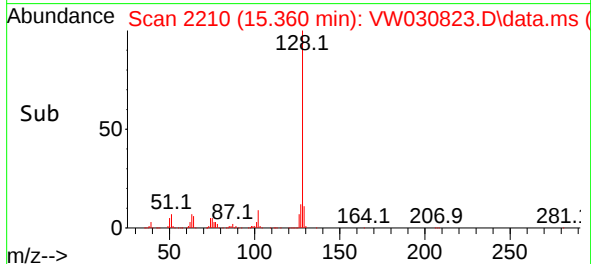
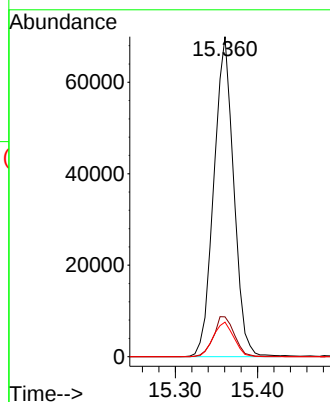
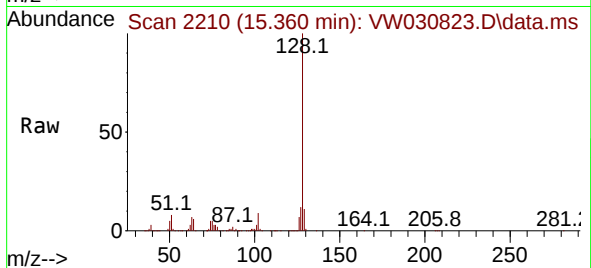
Tgt Ion:128 Resp: 117326

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

129 11.2 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 11.475 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW030823.D

Acq: 29 Oct 2024 22:52

Tgt Ion:180 Resp: 45355

Ion Ratio Lower Upper

180 100

182 98.8 76.2 114.4

145 32.2 27.4 41.2

