

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031496.D
 Acq On : 22 Dec 2024 07:14
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 02:17:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 01:56:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	543962	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	489125	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	243252	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	167669	20.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
7) Chloroethane-d5	2.899	69	141019	23.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.160%
11) 1,1-Dichloroethene-d2	4.027	65	71128	18.321	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.280%
21) 2-Butanone-d5	7.106	46	72552	47.070	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.140%
24) Chloroform-d	7.648	84	330775	22.194	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.760%
26) 1,2-Dichloroethane-d4	8.307	65	175774	23.483	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.920%
32) Benzene-d6	8.276	84	647058	20.640	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.560%
36) 1,2-Dichloropropane-d6	9.276	67	195898	21.440	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.760%
41) Toluene-d8	10.319	98	594252	20.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.520%
43) trans-1,3-Dichloroprop...	10.575	79	73715	17.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.000%
47) 2-Hexanone-d5	10.928	63	56731	46.170	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148766	25.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	200584	22.212	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	95161	19.357	ug/L	92
3) Chloromethane	2.222	50	120780	21.869	ug/L	98
5) Vinyl chloride	2.375	62	185343	24.216	ug/L	98
6) Bromomethane	2.796	94	122003	25.928	ug/L	98
8) Chloroethane	2.936	64	122374	26.885	ug/L	100
9) Trichlorofluoromethane	3.271	101	186434	22.865	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	144504	21.947	ug/L	95
13) Acetone	4.198	43	25339	11.804	ug/L #	100
14) Carbon disulfide	4.393	76	375105	17.248	ug/L	100
15) Methyl Acetate	4.704	43	54474	22.343	ug/L	99
16) Methylene chloride	4.923	84	158326	23.133	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	157452	21.904	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	284927	23.710	ug/L	98
19) 1,1-Dichloroethane	6.222	63	308852	22.993	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	184347	23.704	ug/L	99
22) 2-Butanone	7.203	43	80874	31.094	ug/L	97
23) Bromochloromethane	7.520	128	77728	25.060	ug/L	89
25) Chloroform	7.673	83	319533	24.103	ug/L	96
27) 1,2-Dichloroethane	8.398	62	204703	24.561	ug/L	99

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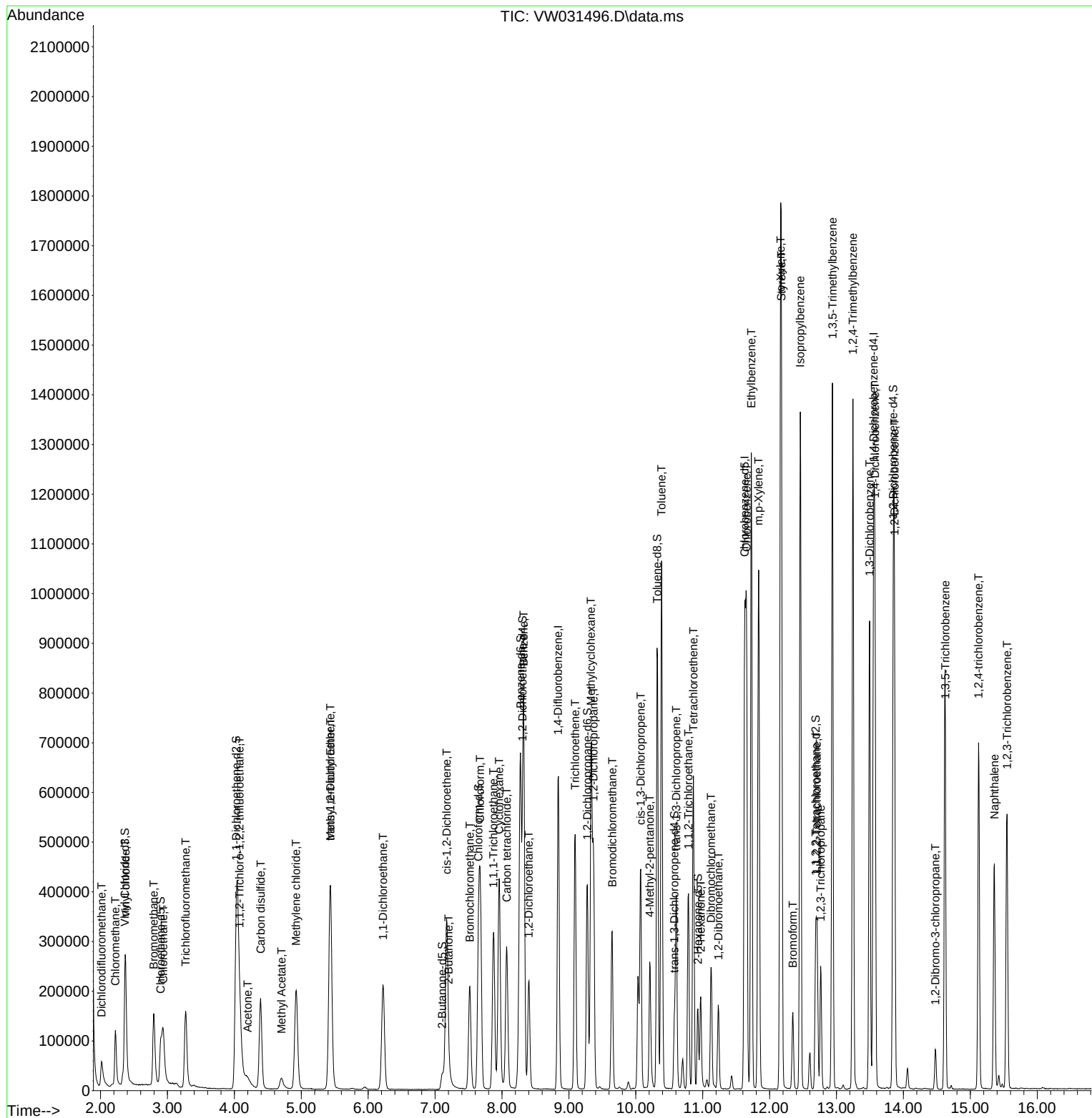
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	241251	18.187	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	258529	20.449	ug/L	98
31) Carbon tetrachloride	8.069	117	215844	19.164	ug/L	99
33) Benzene	8.325	78	681908	22.560	ug/L	100
34) Trichloroethene	9.093	95	184826	21.658	ug/L	92
35) Methylcyclohexane	9.331	83	286995	19.311	ug/L	98
37) 1,2-Dichloropropane	9.368	63	175885	23.325	ug/L	99
38) Bromodichloromethane	9.648	83	214257	21.856	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	261806	20.546	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	170425	42.600	ug/L	98
42) Toluene	10.386	91	765226	23.253	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	210535	20.235	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	124429	24.808	ug/L	98
46) Tetrachloroethene	10.861	164	137471	21.992	ug/L	89
48) 2-Hexanone	10.971	43	116991	34.384	ug/L	99
49) Dibromochloromethane	11.123	129	129120	21.718	ug/L	90
50) 1,2-Dibromoethane	11.233	107	115064	24.217	ug/L	99
51) Chlorobenzene	11.654	112	494907	23.985	ug/L	94
52) Ethylbenzene	11.727	91	886074	23.232	ug/L	99
53) m,p-Xylene	11.837	106	334300	23.024	ug/L	98
54) o-Xylene	12.166	106	323702	23.655	ug/L	100
55) Styrene	12.178	104	543375	23.872	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	142330	26.324	ug/L	100
59) Bromoform	12.349	173	67784	19.836	ug/L	100
60) Isopropylbenzene	12.458	105	882685	22.174	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	101847	24.468	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	742063	21.988	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	725491	22.241	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	382431	23.712	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	381278	23.860	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	337325	24.274	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	20152	19.078	ug/L	93
69) 1,3,5-Trichlorobenzene	14.629	180	254584	22.538	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	213773	22.751	ug/L	96
71) Naphthalene	15.360	128	393787	23.904	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	187136	24.719	ug/L	98

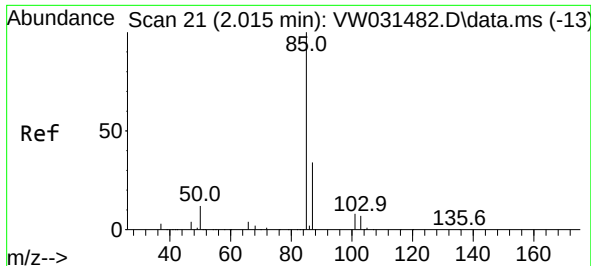
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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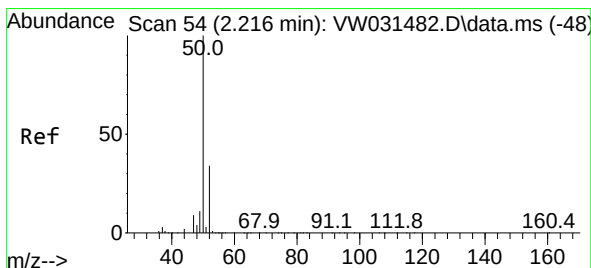
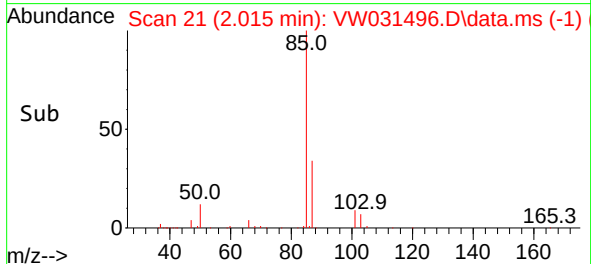
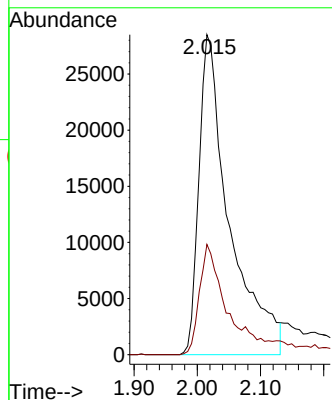
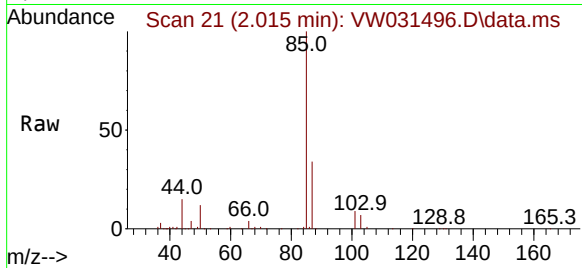




#2
 Dichlorodifluoromethane
 Concen: 19.357 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031496.D
 Acq: 22 Dec 2024 07:14

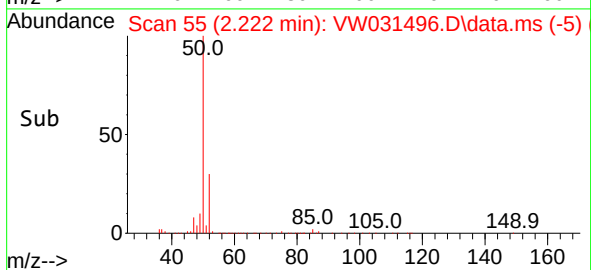
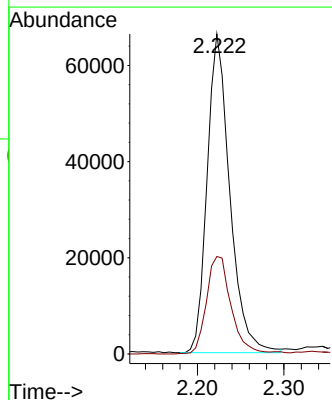
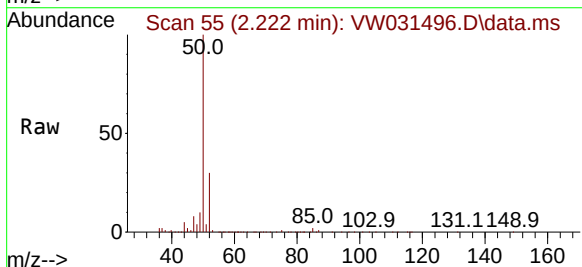
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 MSVOA_W
 ClientSampleId :

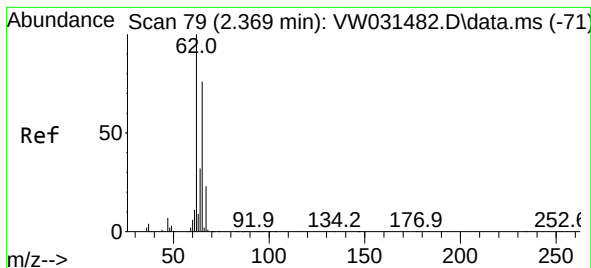
Tgt Ion: 85 Resp: 95161
 Ion Ratio Lower Upper
 85 100
 87 26.9 24.9 37.3



#3
 Chloromethane
 Concen: 21.869 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW031496.D
 Acq: 22 Dec 2024 07:14

Tgt Ion: 50 Resp: 120780
 Ion Ratio Lower Upper
 50 100
 52 30.5 22.0 41.0





#5

Vinyl chloride

Concen: 24.216 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

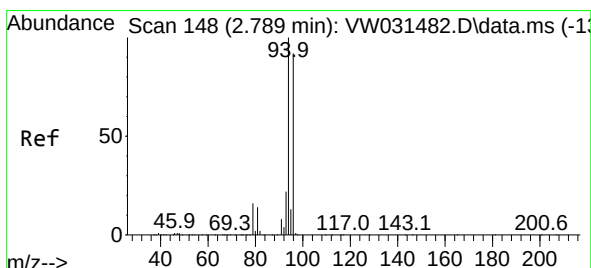
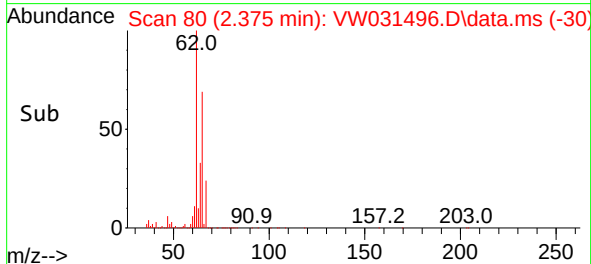
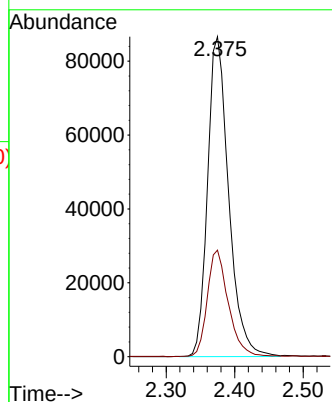
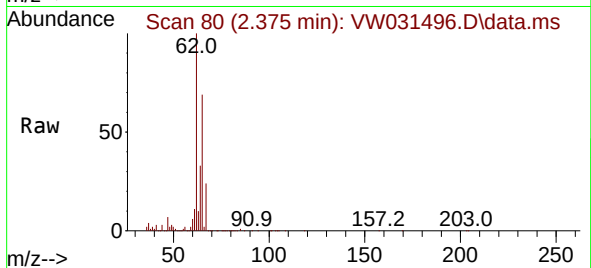
ClientSampleId :

Tgt Ion: 62 Resp: 185343

Ion Ratio Lower Upper

62 100

64 33.3 24.1 44.8



#6

Bromomethane

Concen: 25.928 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW031496.D

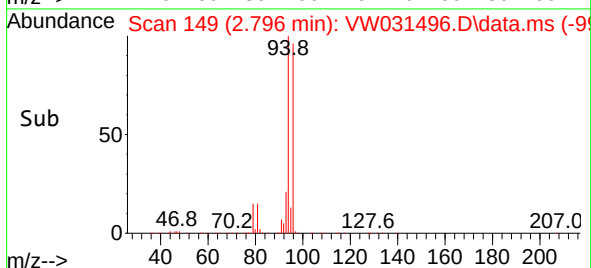
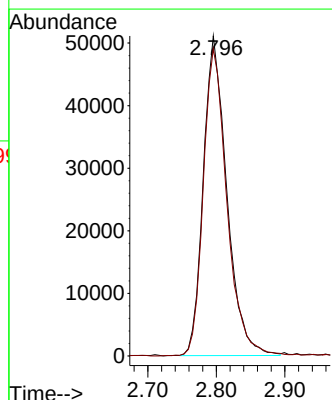
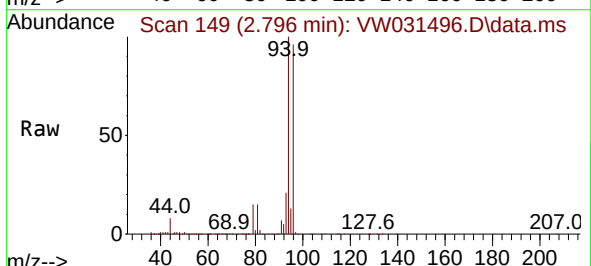
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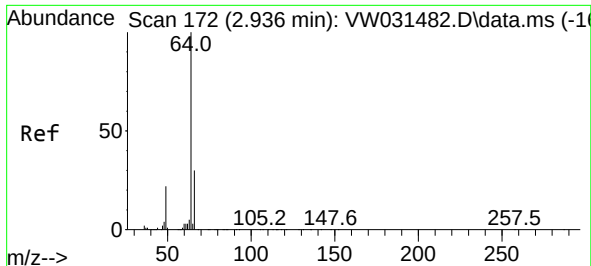
Tgt Ion: 94 Resp: 122003

Ion Ratio Lower Upper

94 100

96 95.9 65.6 121.8

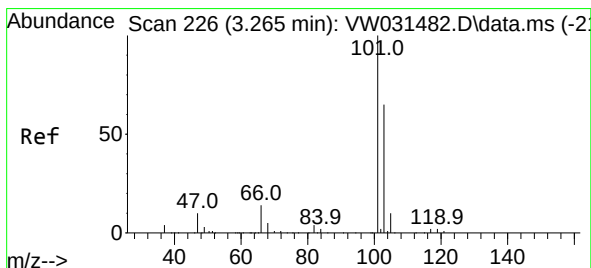
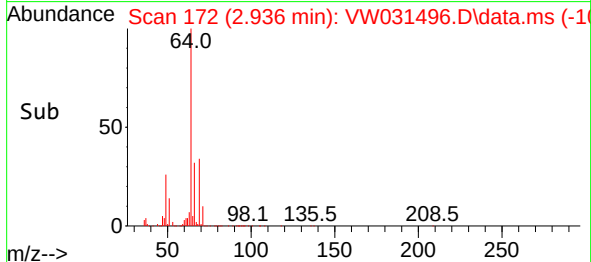
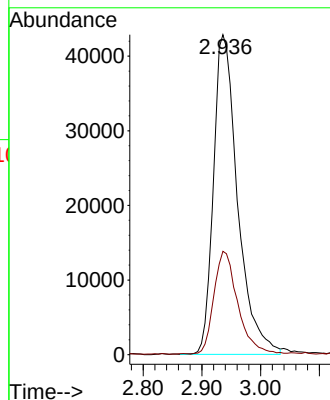
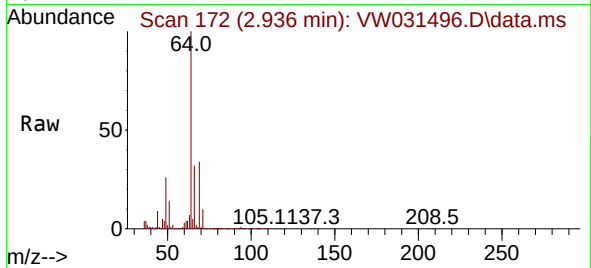




#8
Chloroethane
Concen: 26.885 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

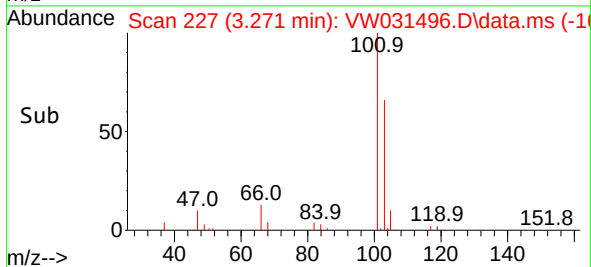
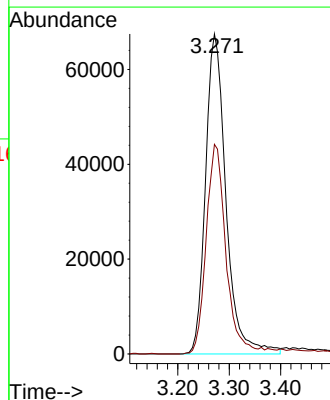
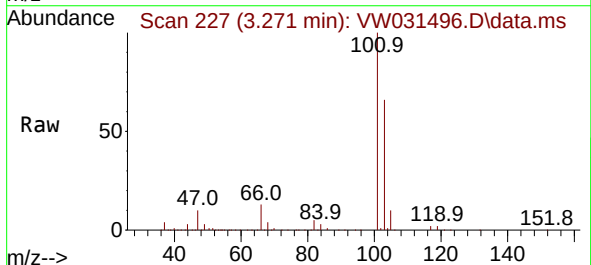
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MSVOA_W
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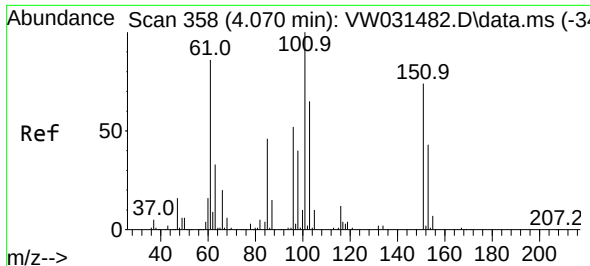
Tgt Ion: 64 Resp: 122374
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 22.865 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion:101 Resp: 186434
Ion Ratio Lower Upper
101 100
103 62.9 51.6 77.4

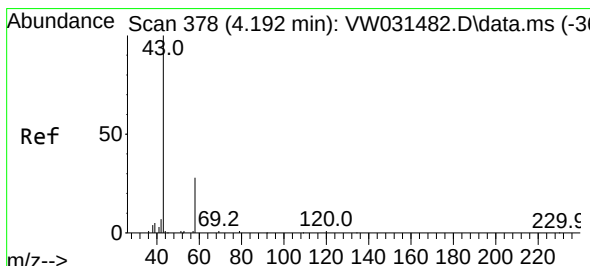
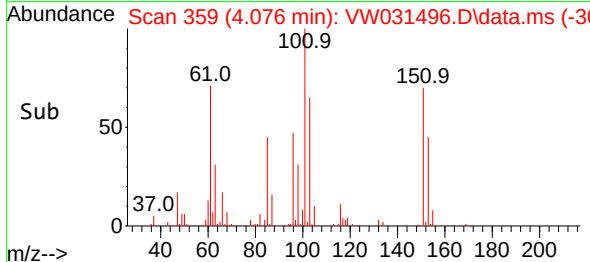
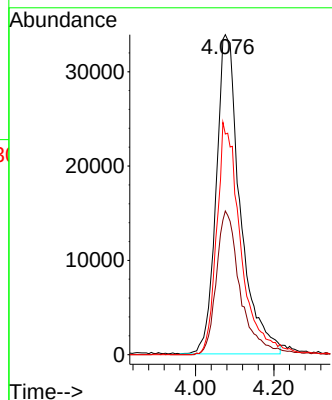
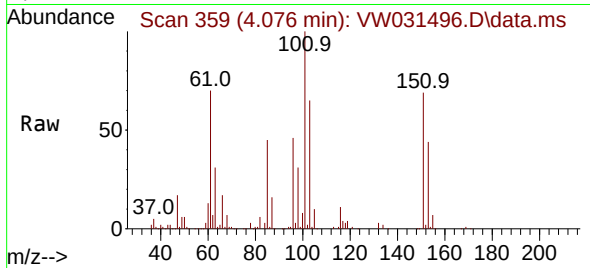




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.947 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW031496.D
 Acq: 22 Dec 2024 07:14

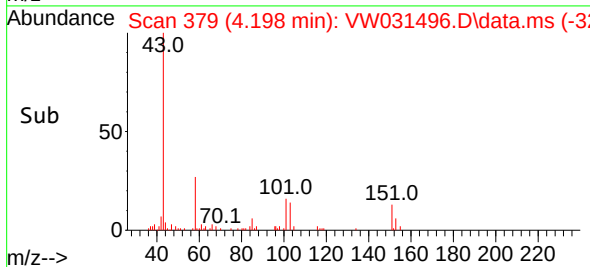
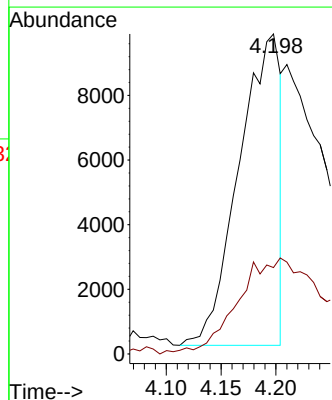
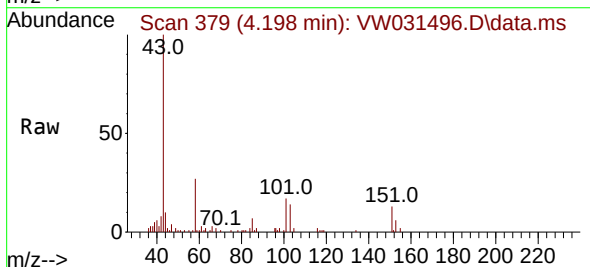
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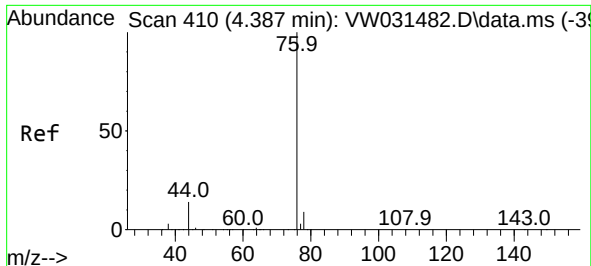
Tgt Ion:101 Resp: 144504
 Ion Ratio Lower Upper
 101 100
 85 44.1 33.0 49.4
 151 72.3 54.8 82.2



#13
 Acetone
 Concen: 11.804 ug/L
 RT: 4.198 min Scan# 379
 Delta R.T. 0.006 min
 Lab File: VW031496.D
 Acq: 22 Dec 2024 07:14

Tgt Ion: 43 Resp: 25339
 Ion Ratio Lower Upper
 43 100
 58 17.7 0.0 0.0#

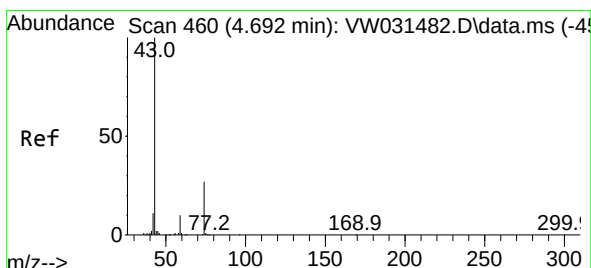
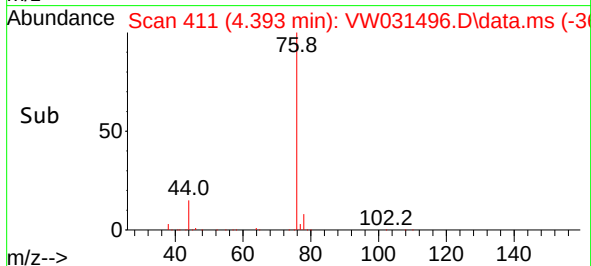
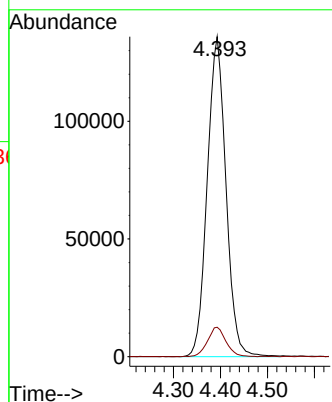
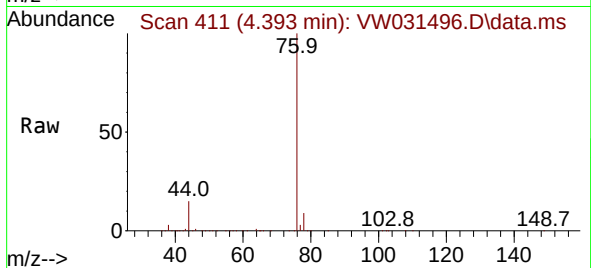




#14
Carbon disulfide
Concen: 17.248 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW031496.D
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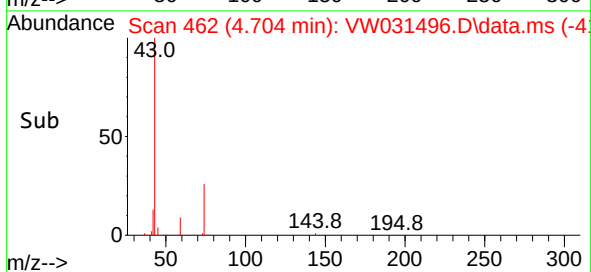
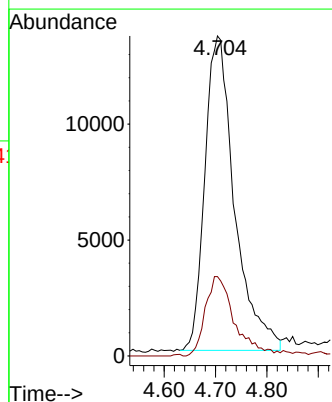
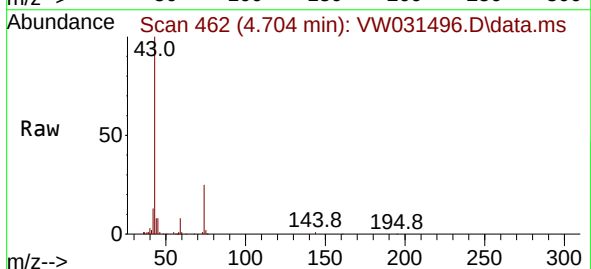
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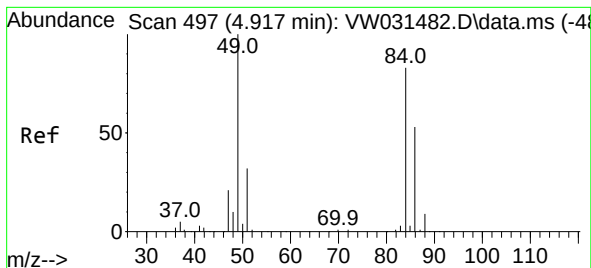
Tgt Ion: 76 Resp: 375105
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#15
Methyl Acetate
Concen: 22.343 ug/L
RT: 4.704 min Scan# 462
Delta R.T. 0.012 min
Lab File: VW031496.D
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Tgt Ion: 43 Resp: 54474
Ion Ratio Lower Upper
43 100
74 24.1 18.9 28.3





#16

Methylene chloride

Concen: 23.133 ug/L

RT: 4.923 min Scan# 49

Delta R.T. 0.006 min

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ClientSampleId :

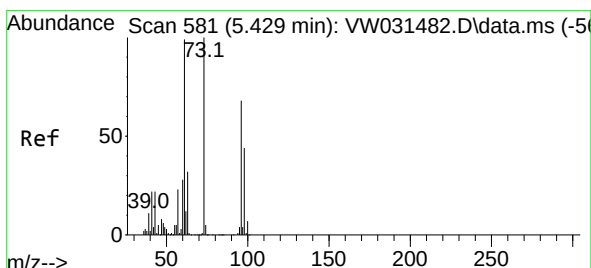
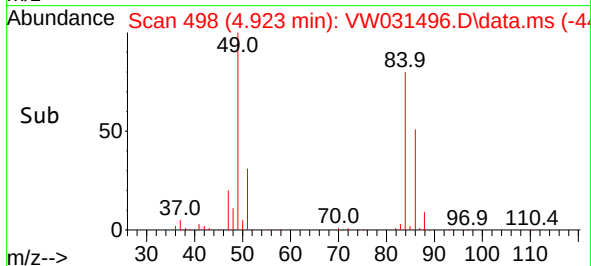
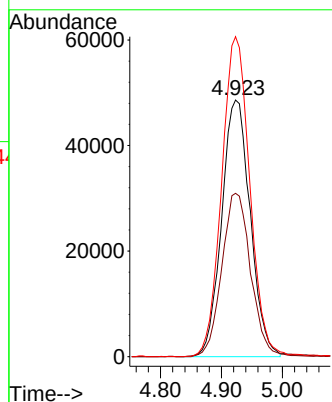
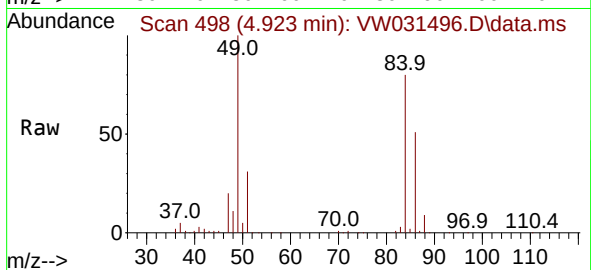
Tgt Ion: 84 Resp: 158326

Ion Ratio Lower Upper

84 100

86 63.7 44.7 82.9

49 124.7 88.3 164.1



#17

trans-1,2-Dichloroethene

Concen: 21.904 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

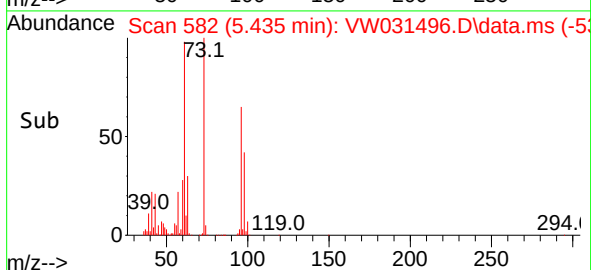
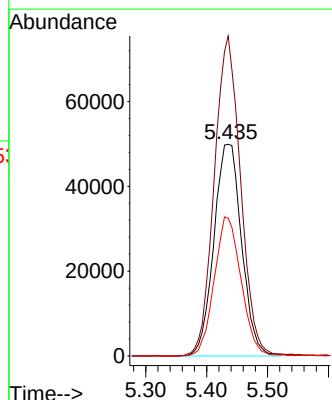
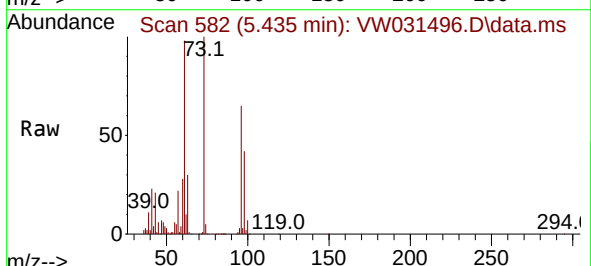
Tgt Ion: 96 Resp: 157452

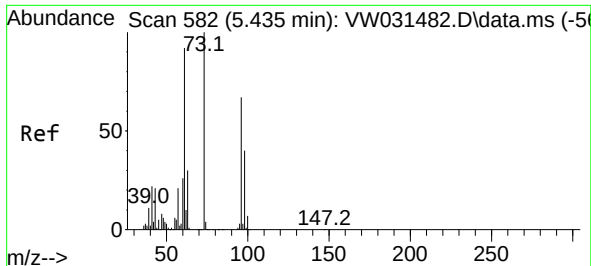
Ion Ratio Lower Upper

96 100

61 151.2 100.7 187.1

98 65.0 43.8 81.3

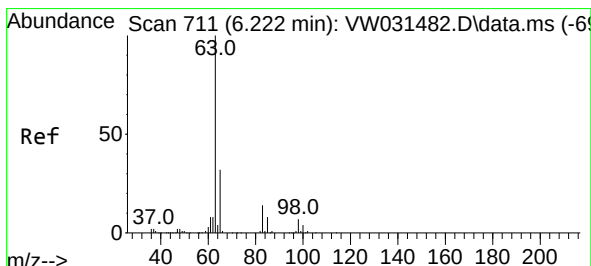
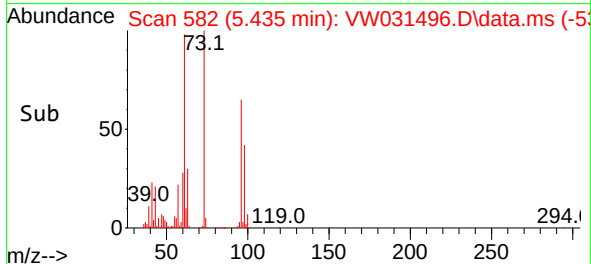
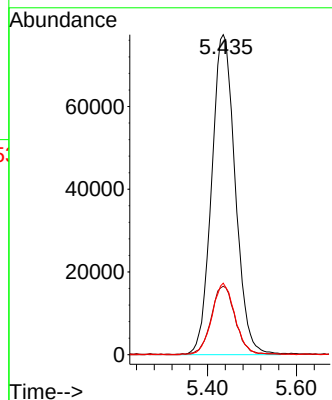
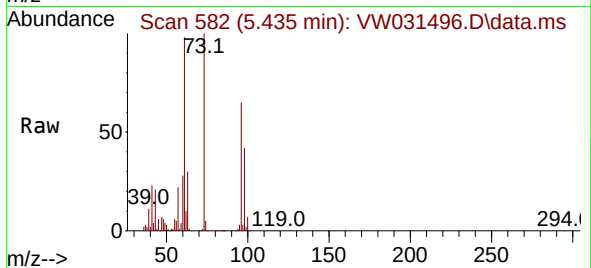




#18
Methyl tert-butyl Ether
Concen: 23.710 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

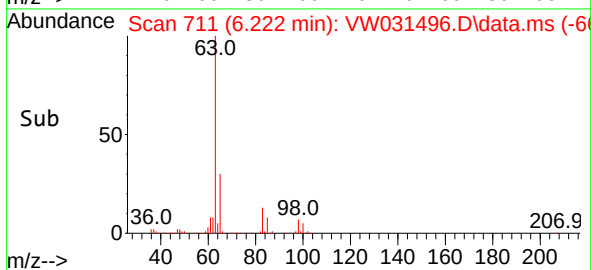
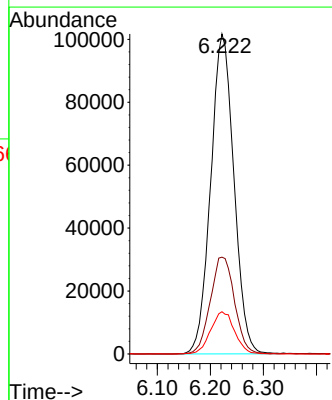
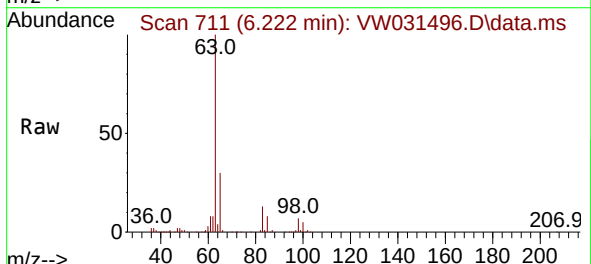
Instrument :
MSVOA_W
ClientSampleId :

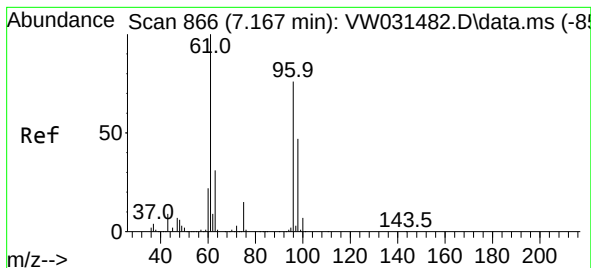
Tgt Ion: 73 Resp: 284927
Ion Ratio Lower Upper
73 100
43 21.3 17.9 26.9
57 21.2 17.9 26.9



#19
1,1-Dichloroethane
Concen: 22.993 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion: 63 Resp: 308852
Ion Ratio Lower Upper
63 100
65 30.2 21.9 40.7
83 13.2 9.3 17.3





#20

cis-1,2-Dichloroethene

Concen: 23.704 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

ClientSampleId :

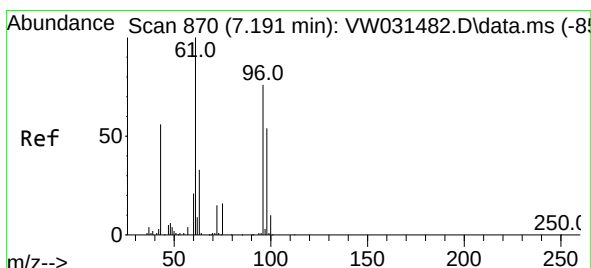
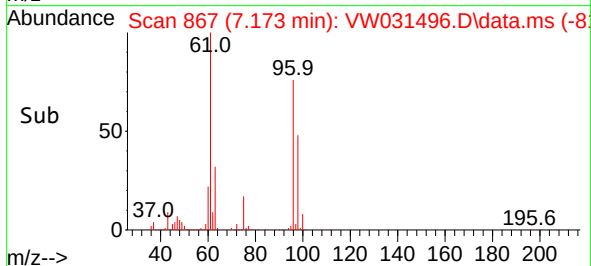
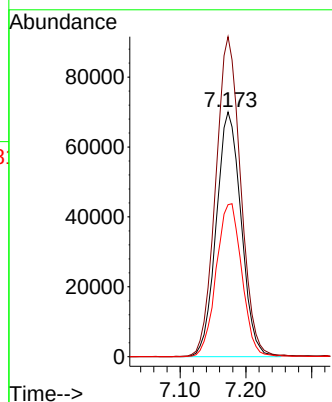
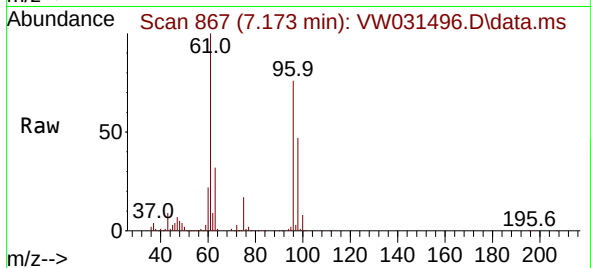
Tgt Ion: 96 Resp: 184347

Ion Ratio Lower Upper

96 100

61 130.8 92.2 171.2

98 62.1 43.7 81.1



#22

2-Butanone

Concen: 31.094 ug/L

RT: 7.203 min Scan# 872

Delta R.T. 0.012 min

Lab File: VW031496.D

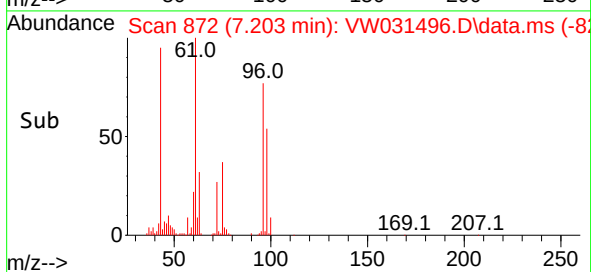
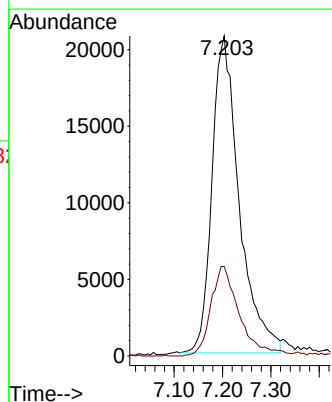
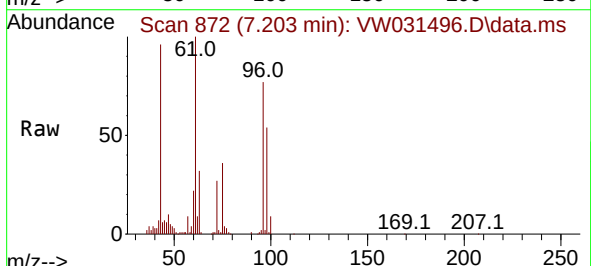
Acq: 22 Dec 2024 07:14

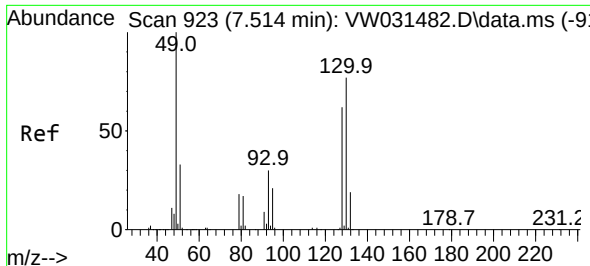
Tgt Ion: 43 Resp: 80874

Ion Ratio Lower Upper

43 100

72 28.2 13.3 39.8

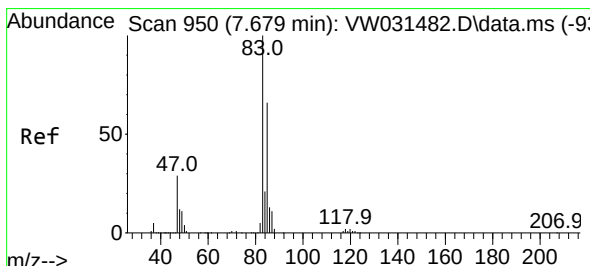
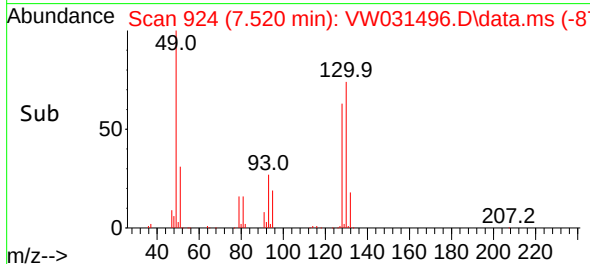
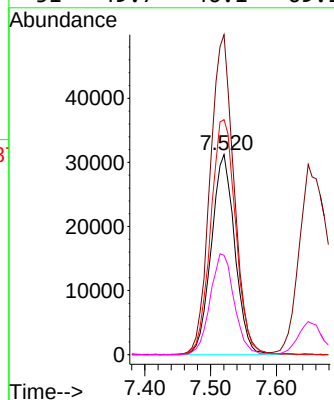
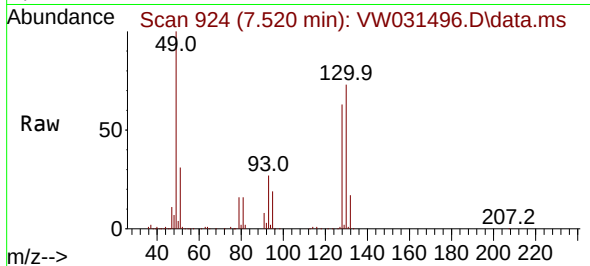




#23
Bromochloromethane
Concen: 25.060 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

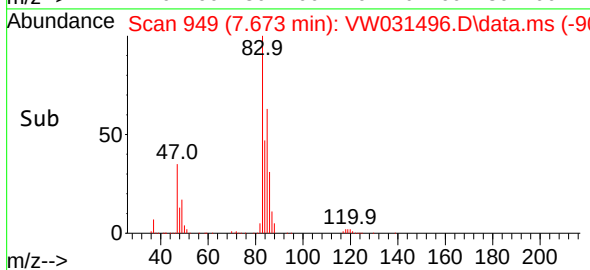
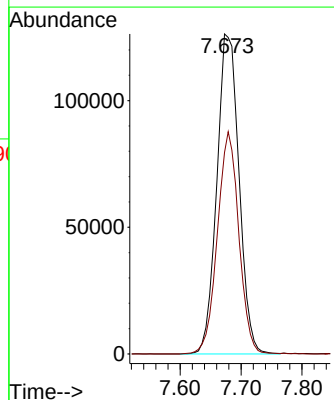
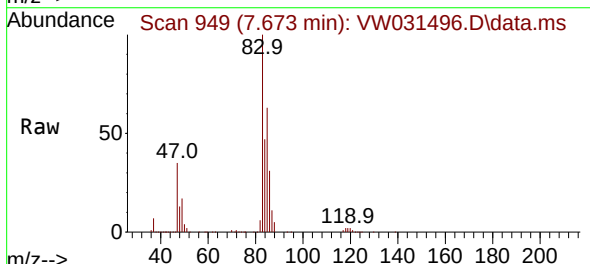
Instrument :
MSVOA_W
ClientSampleId :

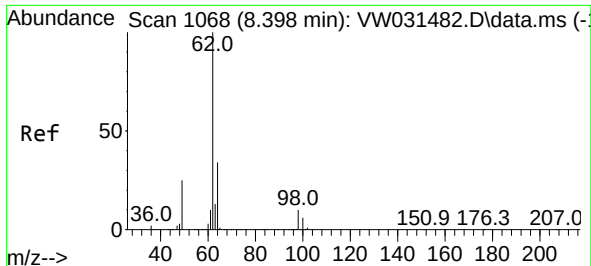
Tgt Ion:128 Resp: 77728
Ion Ratio Lower Upper
128 100
49 159.9 123.7 229.7
130 117.5 90.3 167.7
51 49.7 46.1 69.1



#25
Chloroform
Concen: 24.103 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion: 83 Resp: 319533
Ion Ratio Lower Upper
83 100
85 62.9 46.1 85.5





#27

1,2-Dichloroethane

Concen: 24.561 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

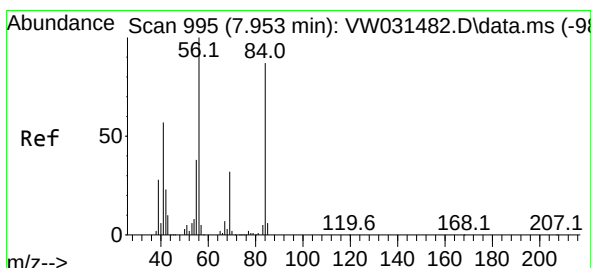
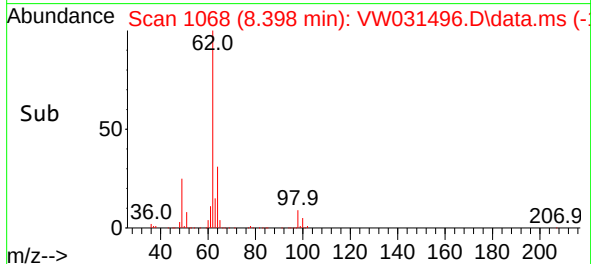
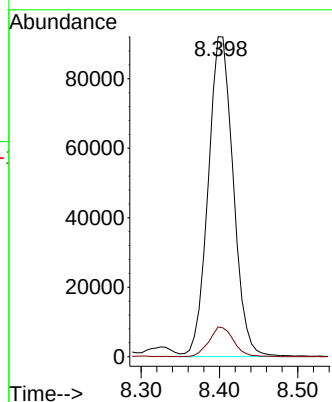
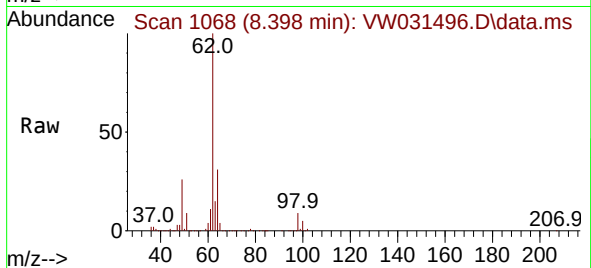
ClientSampleId :

Tgt Ion: 62 Resp: 204703

Ion Ratio Lower Upper

62 100

98 9.3 7.2 10.8



#29

Cyclohexane

Concen: 18.187 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

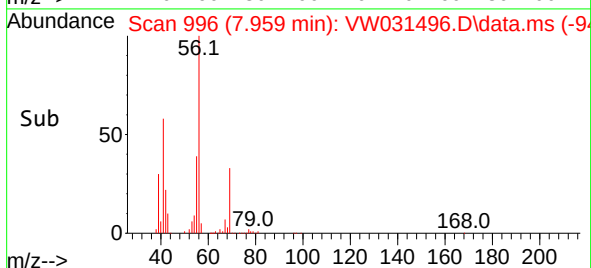
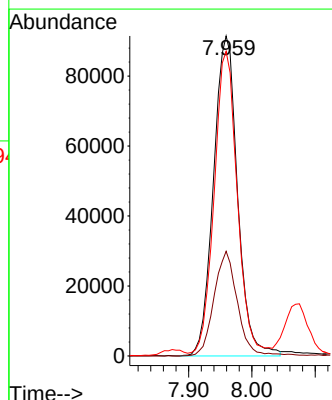
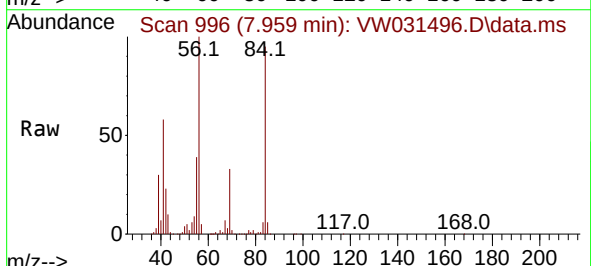
Tgt Ion: 56 Resp: 241251

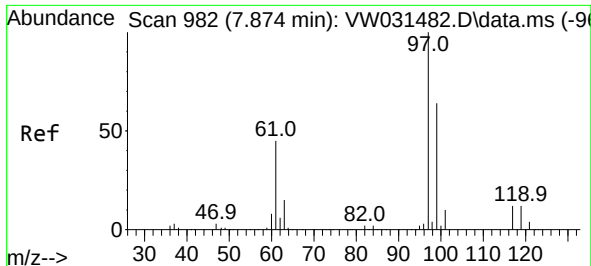
Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.4

84 91.6 68.9 103.3

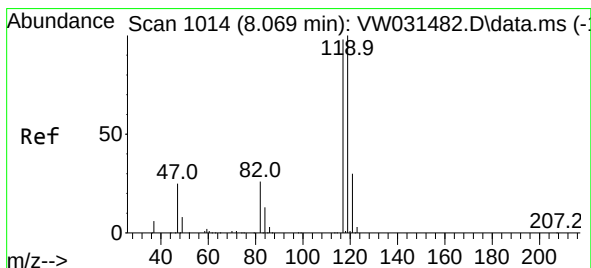
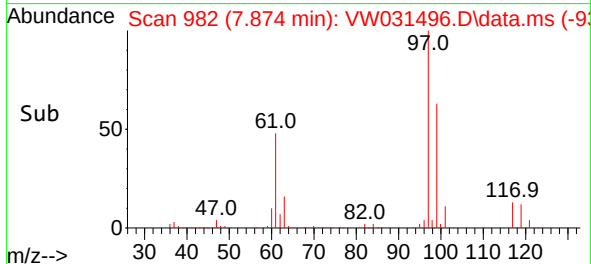
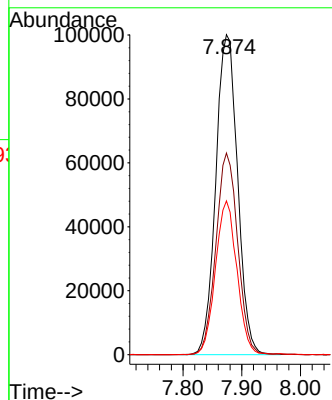
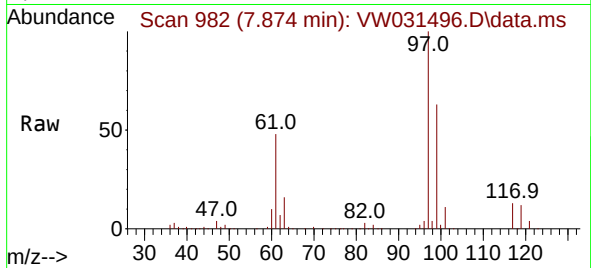




#30
1,1,1-Trichloroethane
Concen: 20.449 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

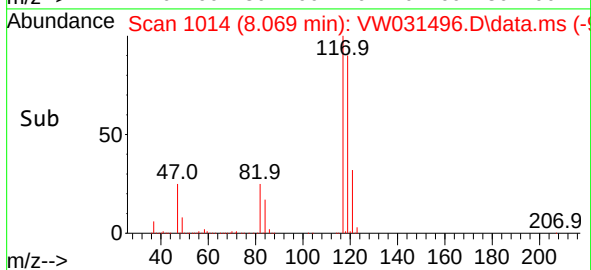
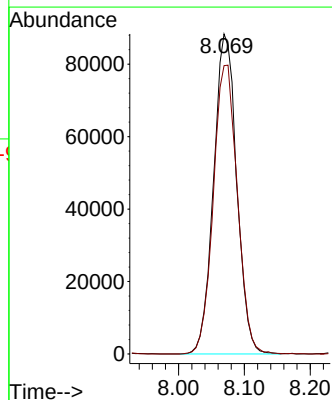
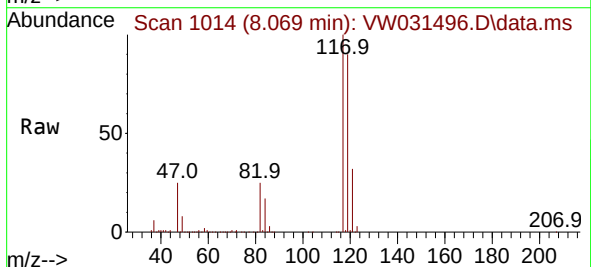
Instrument :
MSVOA_W
ClientSampleId :

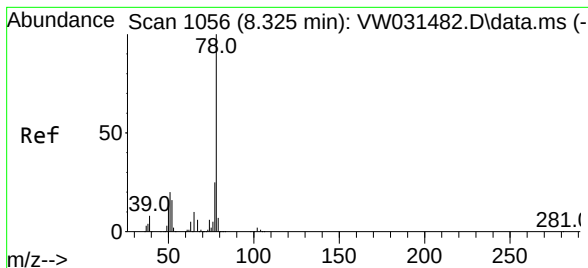
Tgt Ion: 97 Resp: 258529
Ion Ratio Lower Upper
97 100
99 62.8 51.1 76.7
61 47.3 36.3 54.5



#31
Carbon tetrachloride
Concen: 19.164 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion: 117 Resp: 215844
Ion Ratio Lower Upper
117 100
119 94.0 76.0 114.0





#33

Benzene

Concen: 22.560 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW031496.D

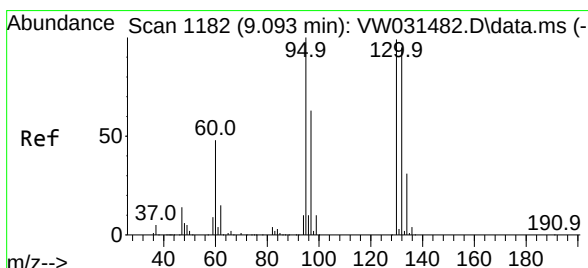
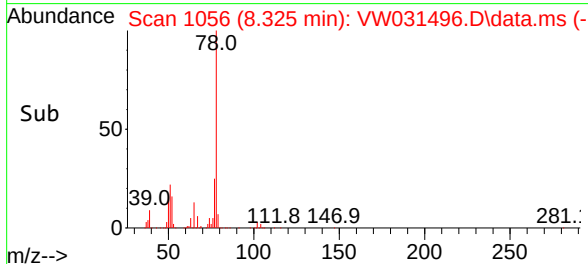
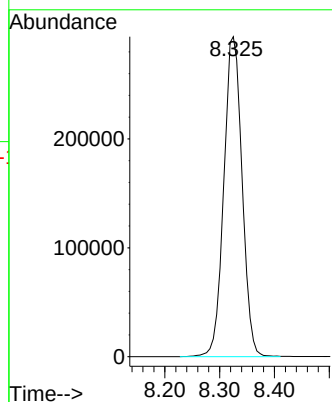
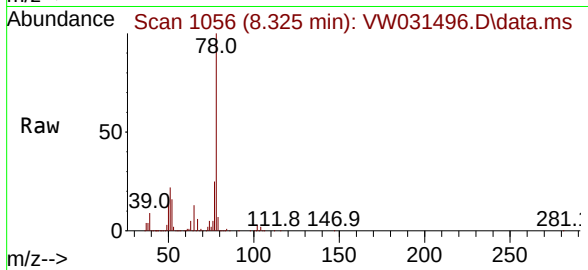
Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 681908



#34

Trichloroethene

Concen: 21.658 ug/L

RT: 9.093 min Scan# 1182

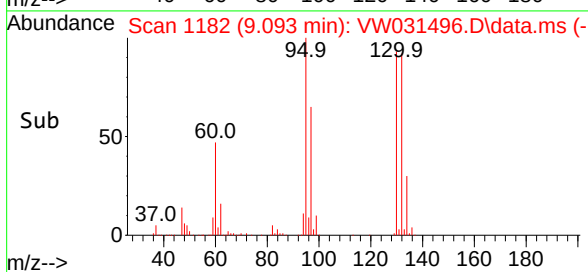
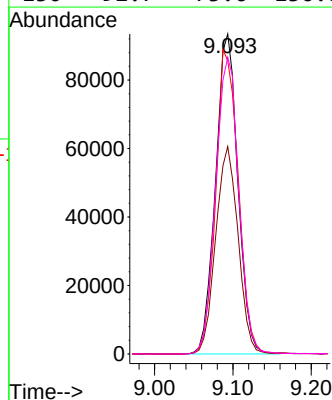
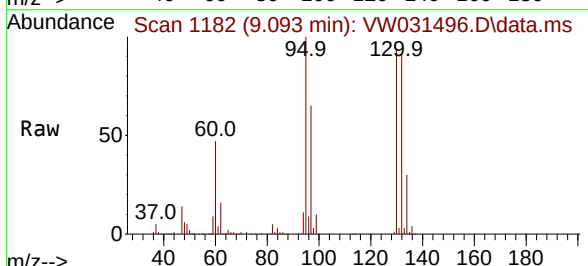
Delta R.T. 0.000 min

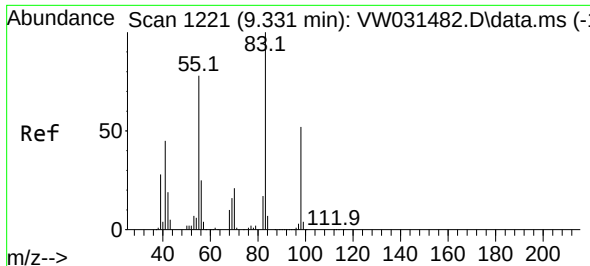
Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Tgt Ion: 95 Resp: 184826

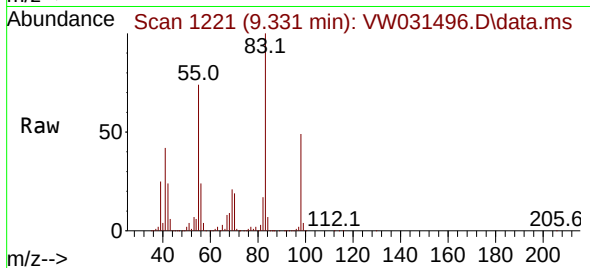
Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.5	86.3
132	91.7	70.3	130.5
130	92.7	73.6	136.8



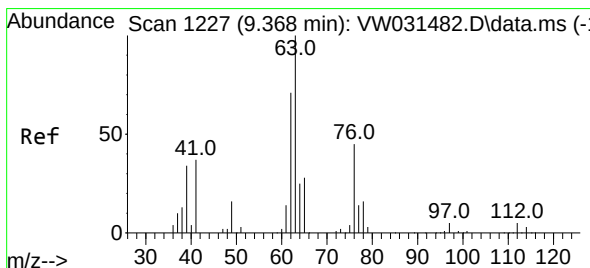
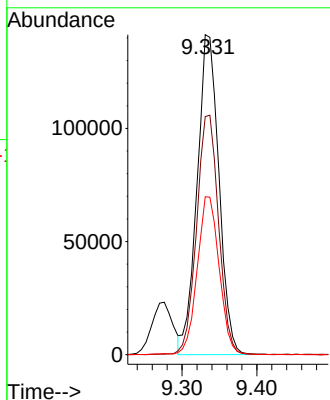
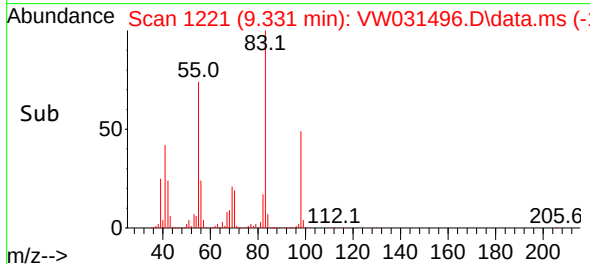


#35
Methylcyclohexane
Concen: 19.311 ug/L
RT: 9.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Instrument :
MSVOA_W
ClientSampleId :

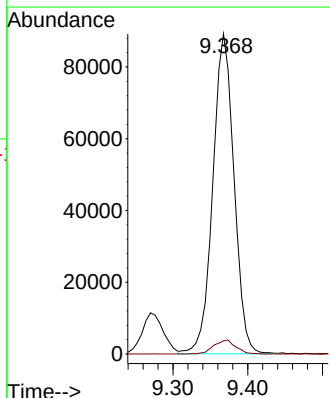
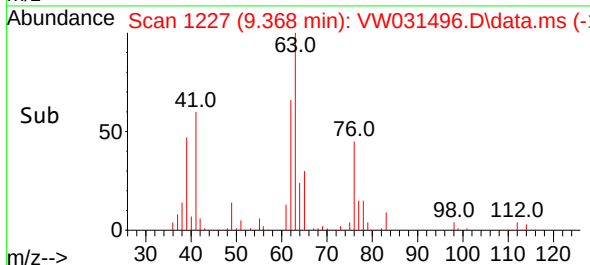
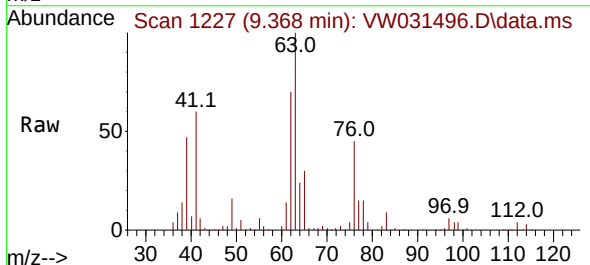


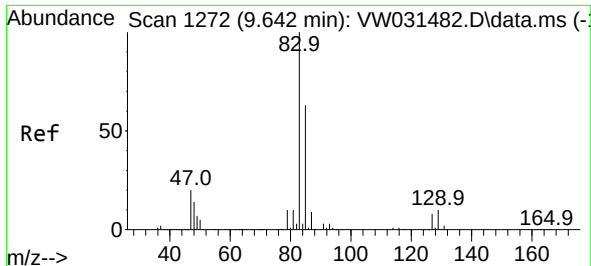
Tgt Ion: 83 Resp: 286995
Ion Ratio Lower Upper
83 100
55 75.5 62.6 93.8
98 49.6 39.8 59.6



#37
1,2-Dichloropropane
Concen: 23.325 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion: 63 Resp: 175885
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.8

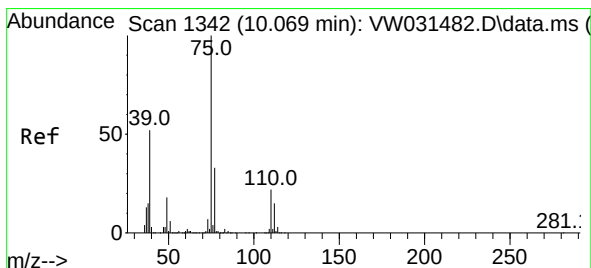
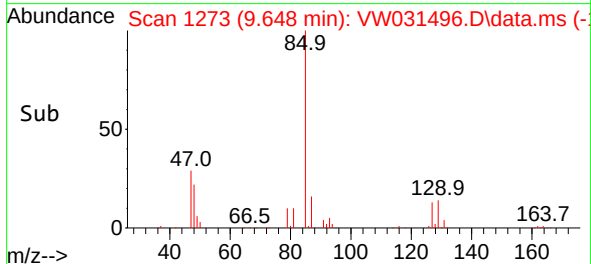
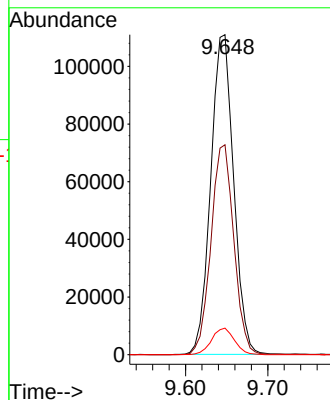
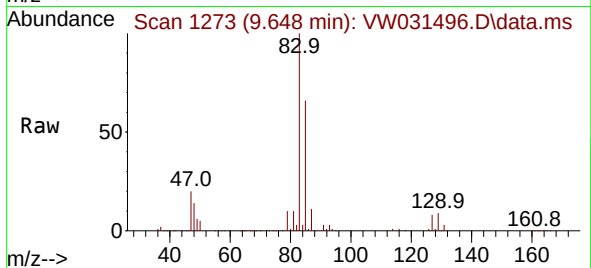




#38
Bromodichloromethane
Concen: 21.856 ug/L
RT: 9.648 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

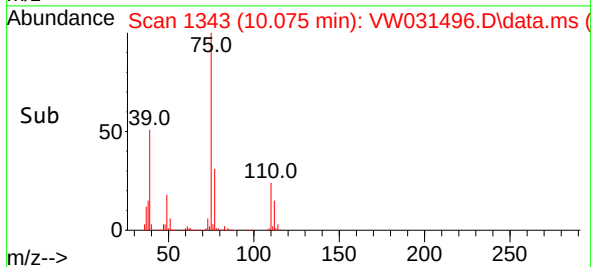
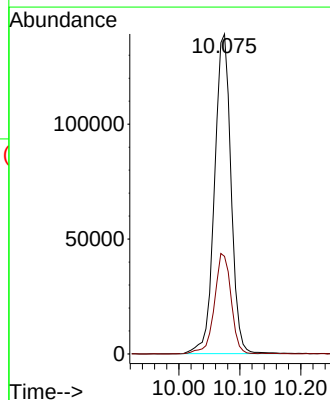
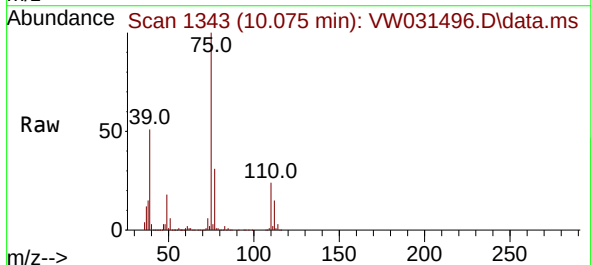
Instrument :
MSVOA_W
ClientSampleId :

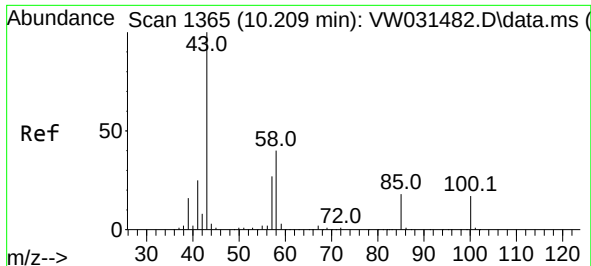
Tgt Ion: 83 Resp: 214257
Ion Ratio Lower Upper
83 100
85 65.6 46.5 86.5
127 8.3 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 20.546 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion: 75 Resp: 261806
Ion Ratio Lower Upper
75 100
77 30.5 21.8 40.4





#40

4-Methyl-2-pentanone

Concen: 42.600 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

ClientSampleId :

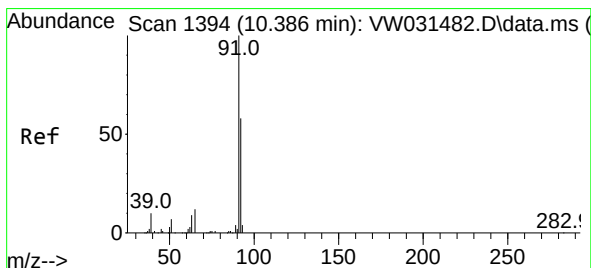
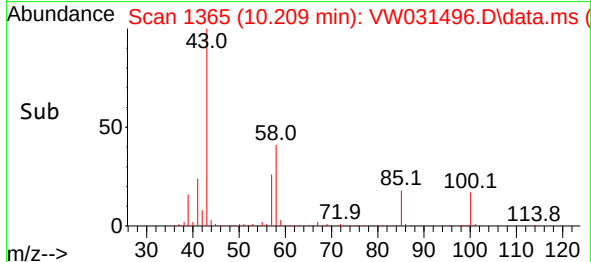
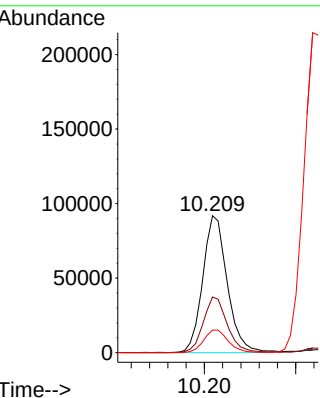
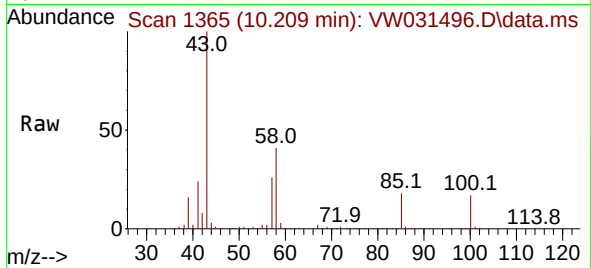
Tgt Ion: 43 Resp: 170425

Ion Ratio Lower Upper

43 100

58 40.1 31.1 46.7

100 16.8 13.0 19.6



#42

Toluene

Concen: 23.253 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031496.D

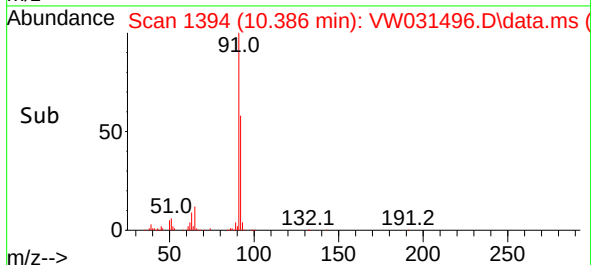
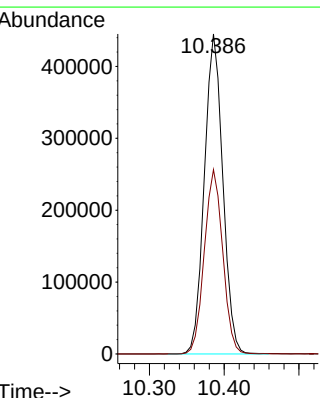
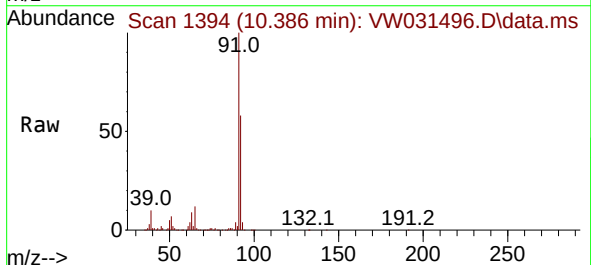
Acq: 22 Dec 2024 07:14

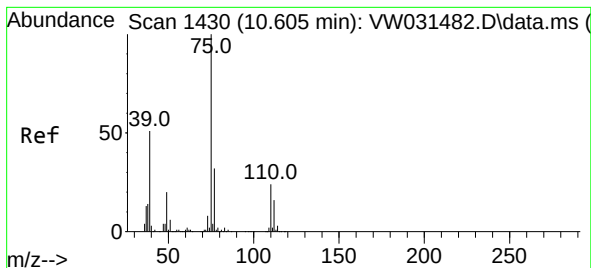
Tgt Ion: 91 Resp: 765226

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9





#44

trans-1,3-Dichloropropene

Concen: 20.235 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

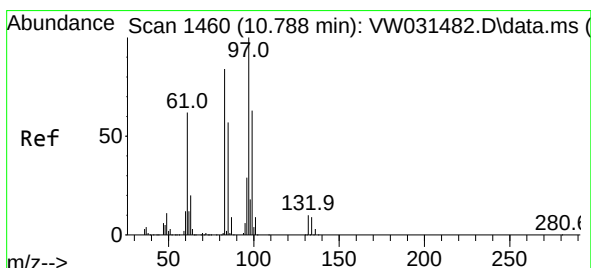
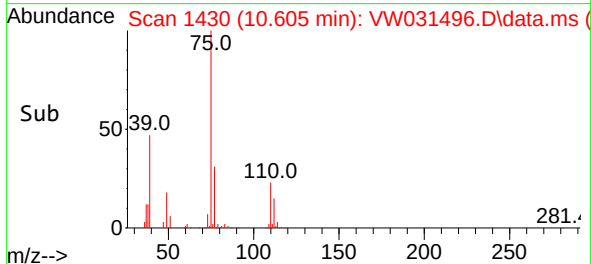
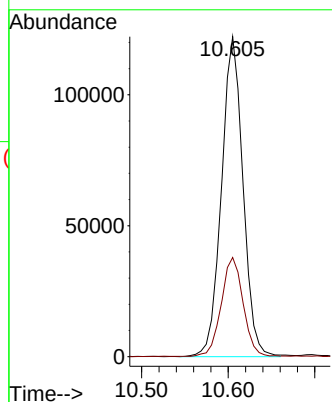
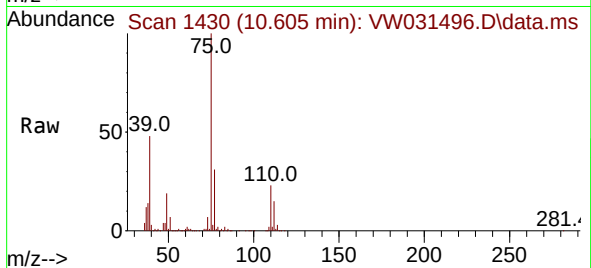
ClientSampleId :

Tgt Ion: 75 Resp: 210535

Ion Ratio Lower Upper

75 100

77 31.0 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 24.808 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Tgt Ion: 97 Resp: 124429

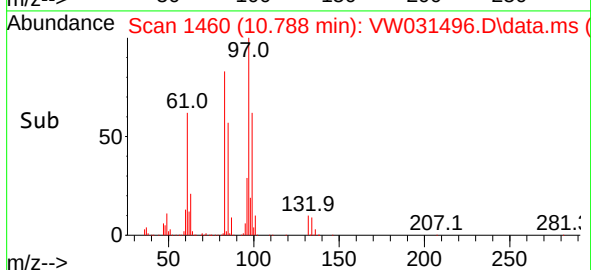
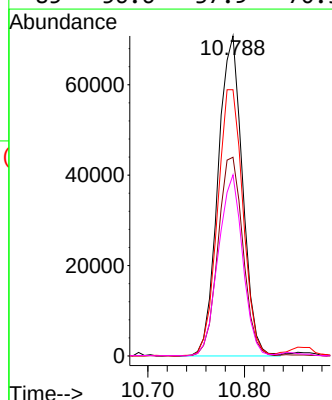
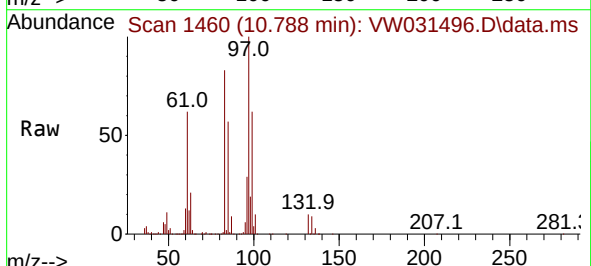
Ion Ratio Lower Upper

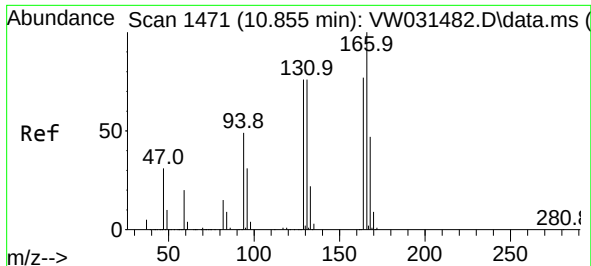
97 100

99 62.1 43.0 80.0

83 83.2 56.4 104.7

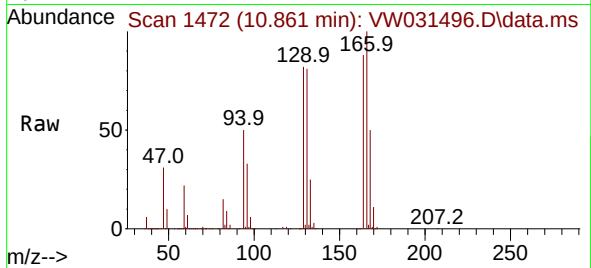
85 56.6 37.9 70.3



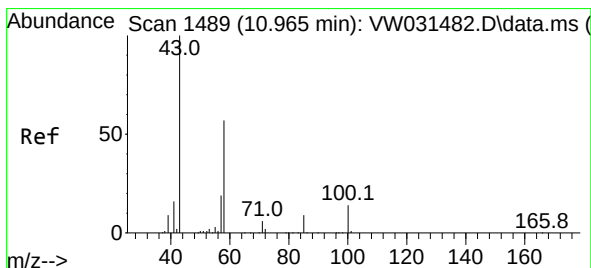
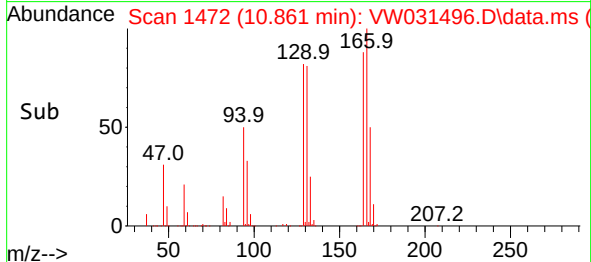
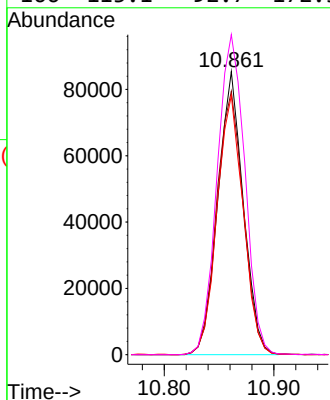


#46
Tetrachloroethene
Concen: 21.992 ug/L
RT: 10.861 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Instrument :
MSVOA_W
ClientSampleId :

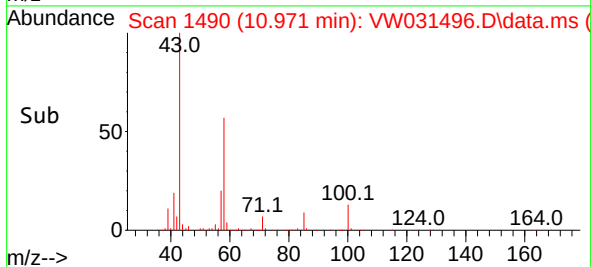
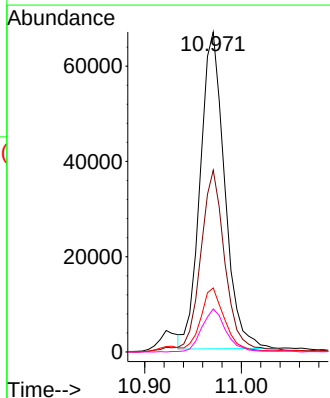
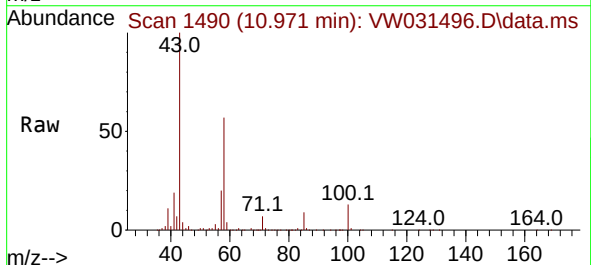


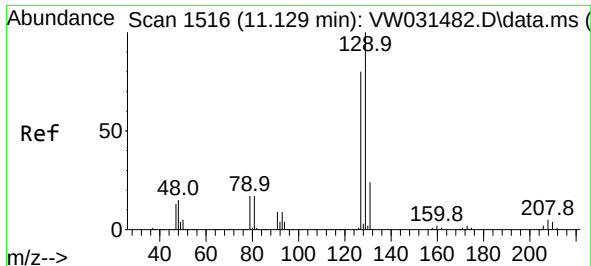
Tgt Ion:164 Resp: 137471
Ion Ratio Lower Upper
164 100
129 93.0 73.5 136.5
131 91.6 66.6 123.8
166 113.1 92.7 172.3



#48
2-Hexanone
Concen: 34.384 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion: 43 Resp: 116991
Ion Ratio Lower Upper
43 100
58 54.5 43.0 64.6
57 19.9 15.7 23.5
100 13.6 10.3 15.5





#49

Dibromochloromethane

Concen: 21.718 ug/L

RT: 11.123 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

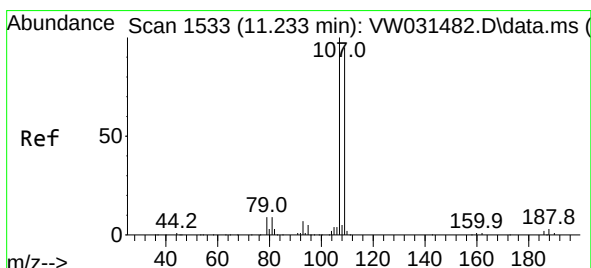
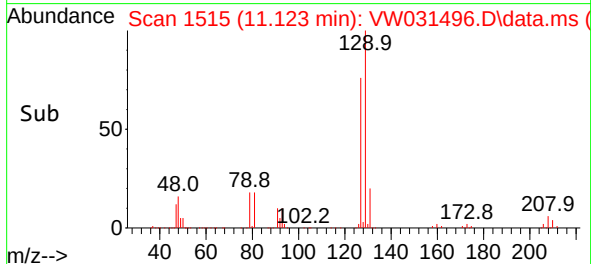
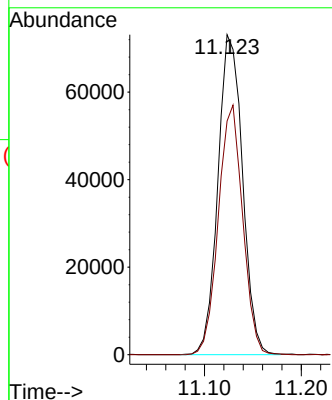
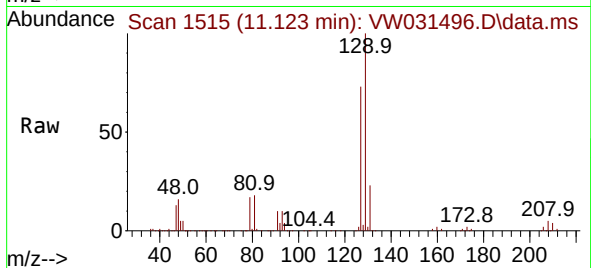
ClientSampleId :

Tgt Ion:129 Resp: 129120

Ion Ratio Lower Upper

129 100

127 73.0 57.6 107.0



#50

1,2-Dibromoethane

Concen: 24.217 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

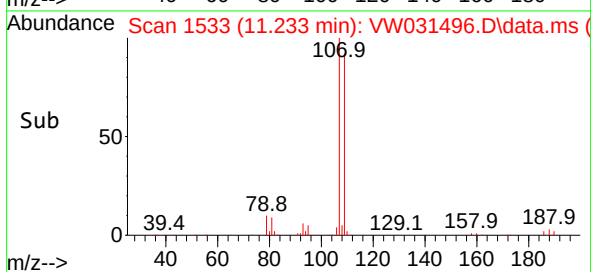
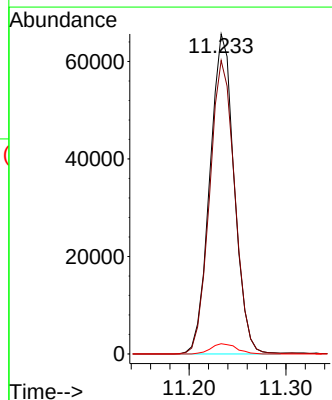
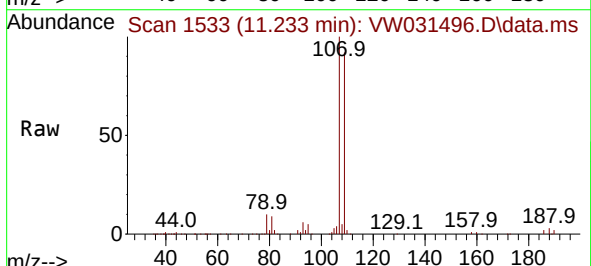
Tgt Ion:107 Resp: 115064

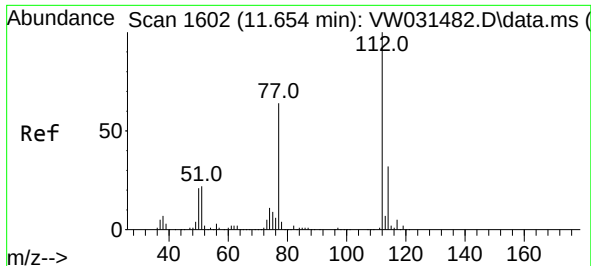
Ion Ratio Lower Upper

107 100

109 91.7 63.2 117.4

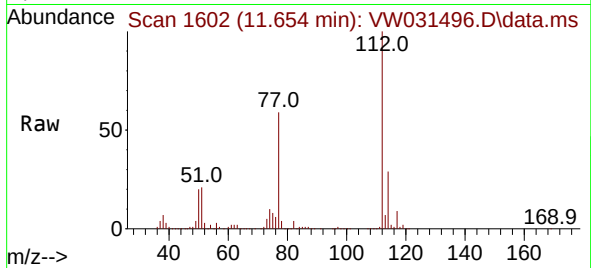
188 3.2 2.6 4.0



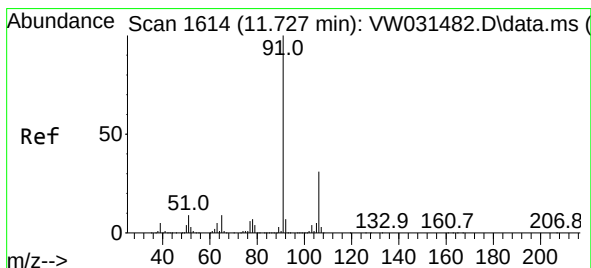
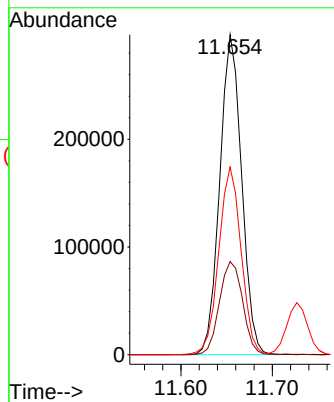
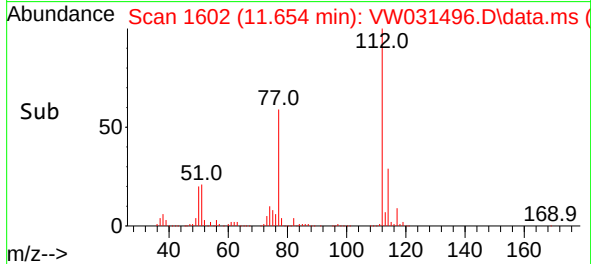


#51
Chlorobenzene
Concen: 23.985 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Instrument :
MSVOA_W
ClientSampleId :

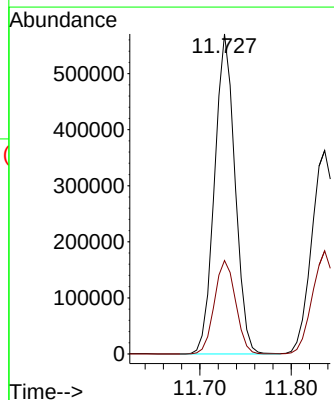
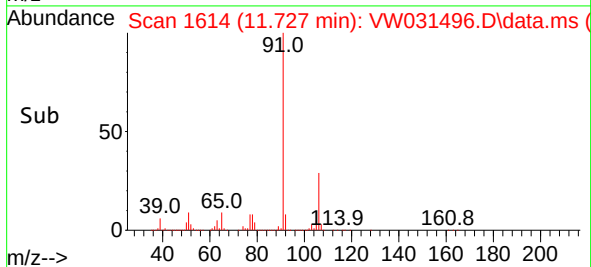
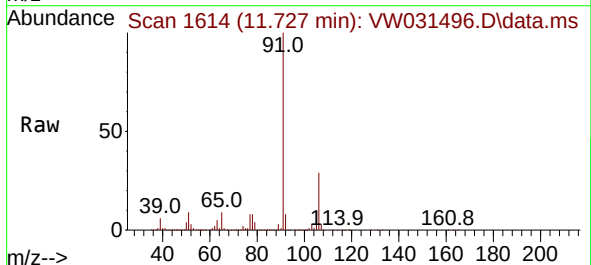


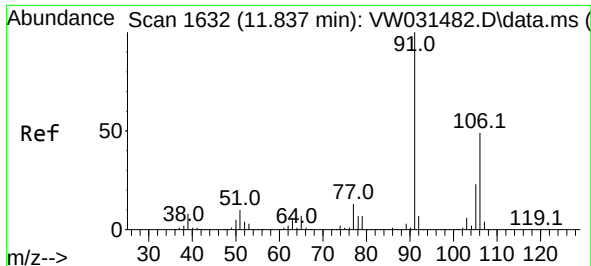
Tgt Ion:112 Resp: 494907
Ion Ratio Lower Upper
112 100
114 29.1 22.7 42.3
77 58.6 50.2 75.4



#52
Ethylbenzene
Concen: 23.232 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion: 91 Resp: 886074
Ion Ratio Lower Upper
91 100
106 29.2 20.7 38.5

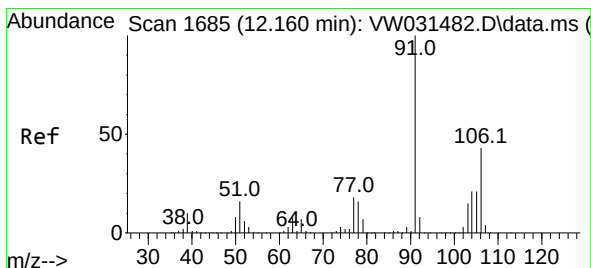
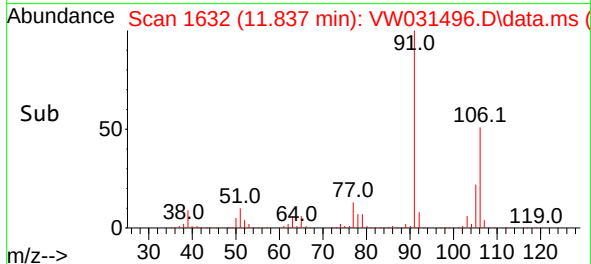
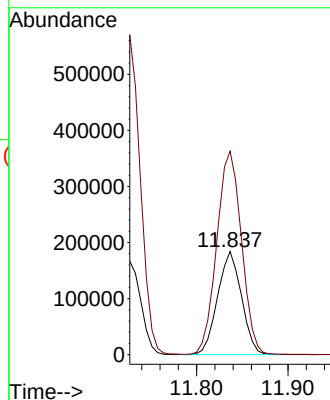
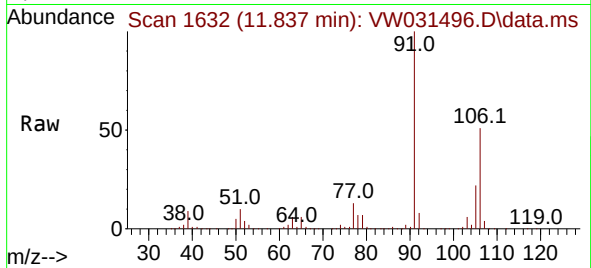




#53
m,p-Xylene
Concen: 23.024 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

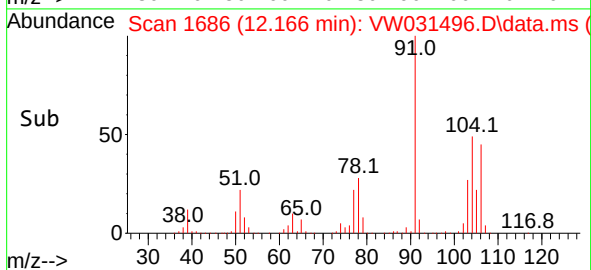
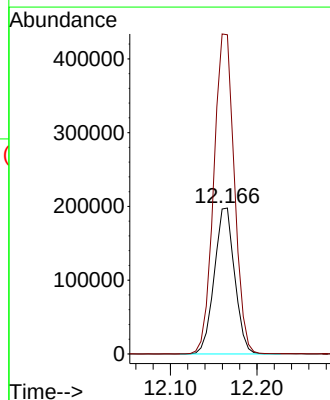
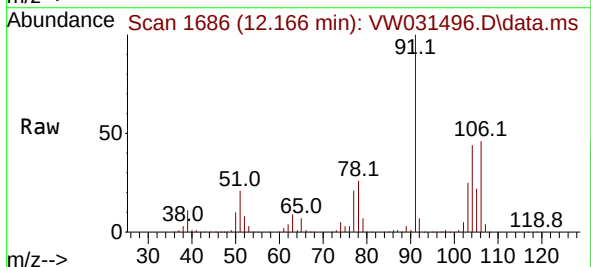
Instrument :
MSVOA_W
ClientSampleId :

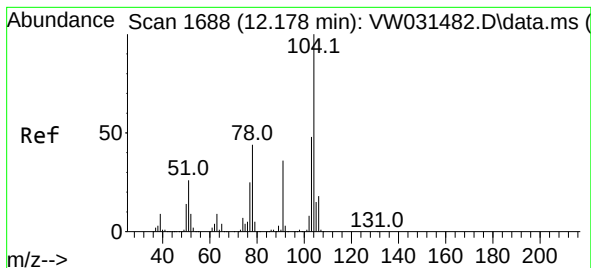
Tgt Ion:106 Resp: 334300
Ion Ratio Lower Upper
106 100
91 197.3 139.9 259.7



#54
o-Xylene
Concen: 23.655 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion:106 Resp: 323702
Ion Ratio Lower Upper
106 100
91 218.7 153.1 284.3





#55

Styrene

Concen: 23.872 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

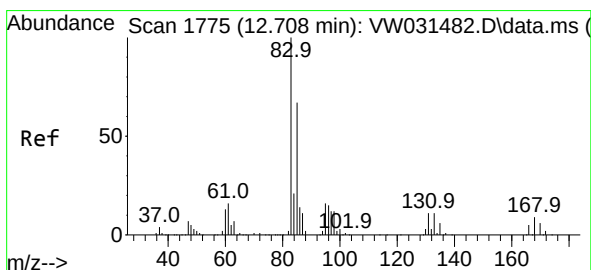
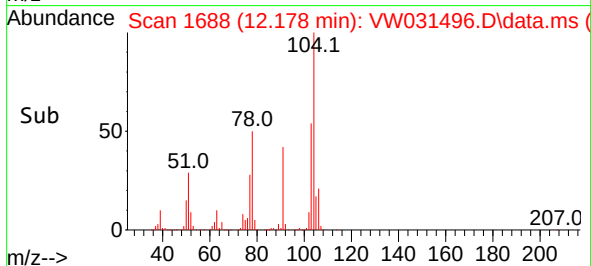
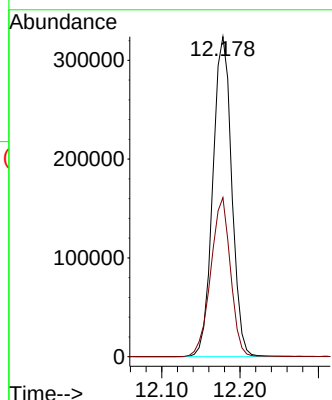
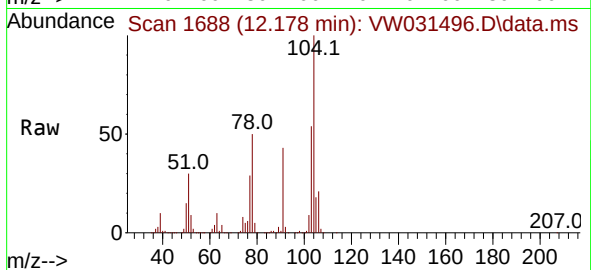
ClientSampleId :

Tgt Ion:104 Resp: 543375

Ion Ratio Lower Upper

104 100

78 49.7 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 26.324 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

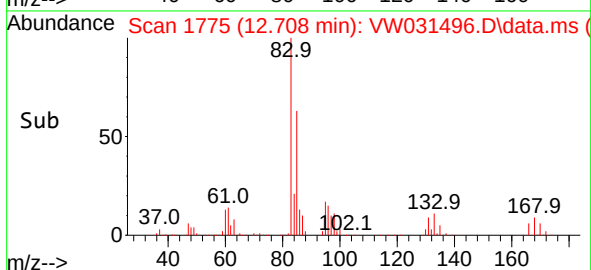
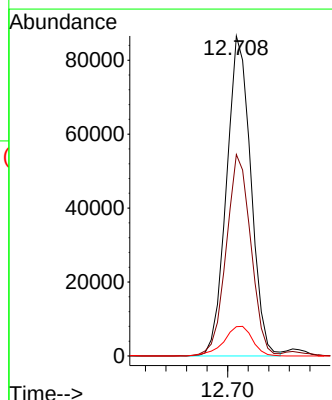
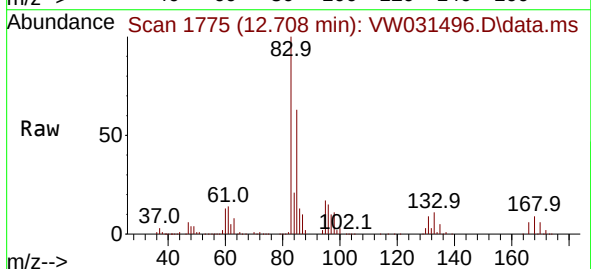
Tgt Ion: 83 Resp: 142330

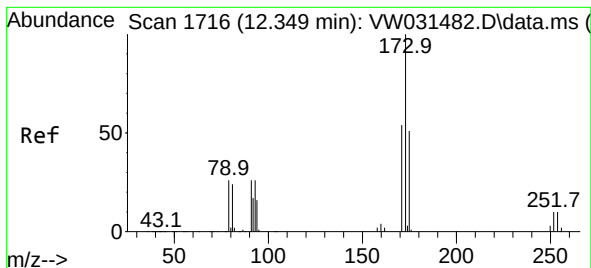
Ion Ratio Lower Upper

83 100

85 62.9 44.1 81.9

131 9.2 7.9 11.9





#59

Bromoform

Concen: 19.836 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

ClientSampleId :

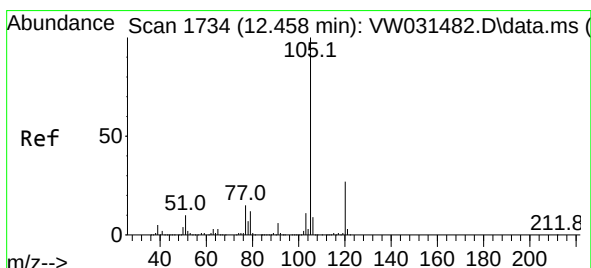
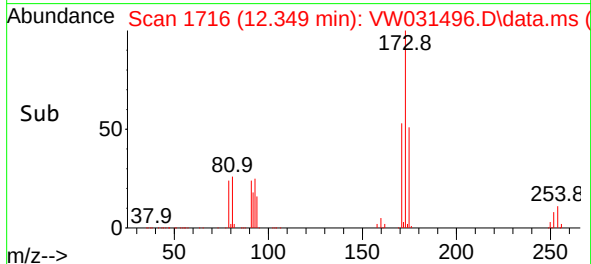
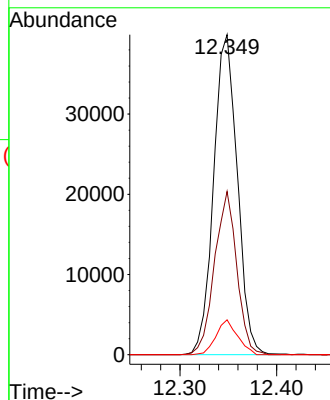
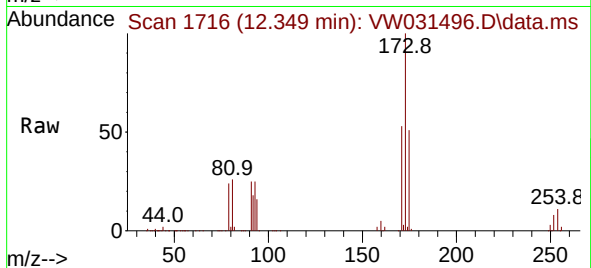
Tgt Ion:173 Resp: 67784

Ion Ratio Lower Upper

173 100

175 47.9 38.6 57.8

254 9.9 7.6 11.4



#60

Isopropylbenzene

Concen: 22.174 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

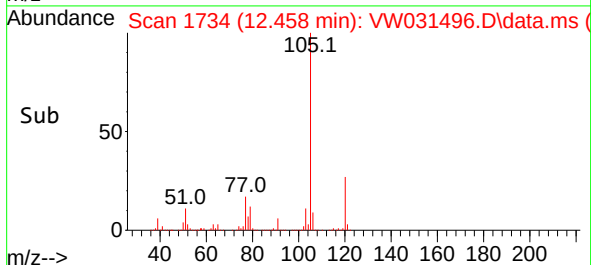
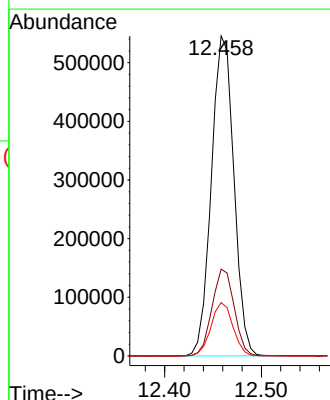
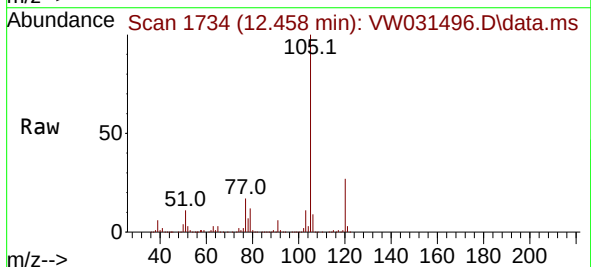
Tgt Ion:105 Resp: 882685

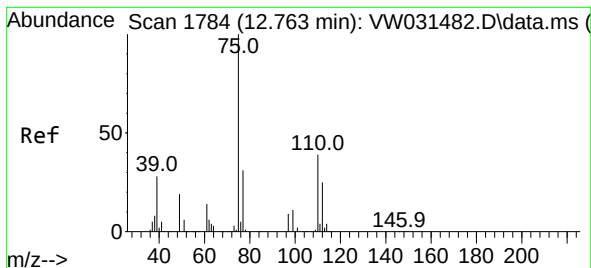
Ion Ratio Lower Upper

105 100

120 26.7 20.6 31.0

77 16.3 12.8 19.2





#61

1,2,3-Trichloropropane

Concen: 24.468 ug/L

RT: 12.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

ClientSampleId :

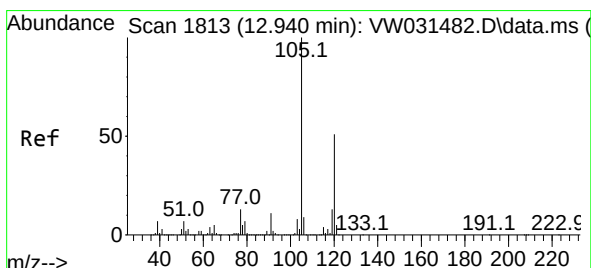
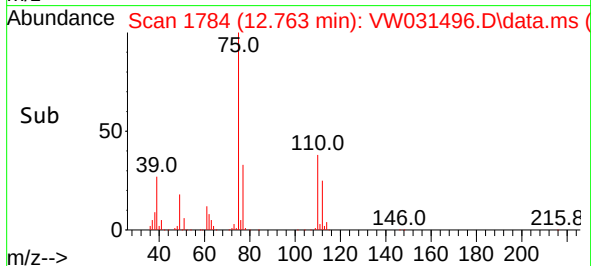
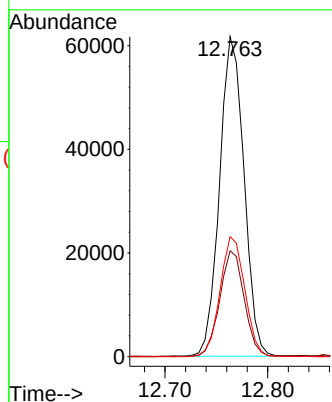
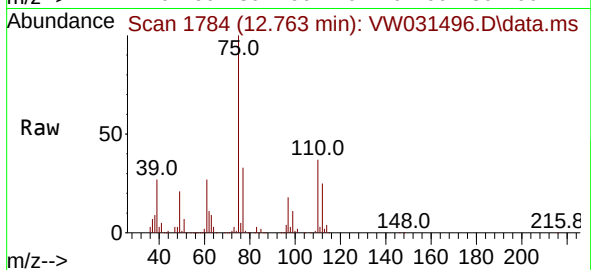
Tgt Ion: 75 Resp: 101847

Ion Ratio Lower Upper

75 100

77 33.2 25.3 37.9

110 38.1 31.2 46.8



#62

1,3,5-Trimethylbenzene

Concen: 21.988 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031496.D

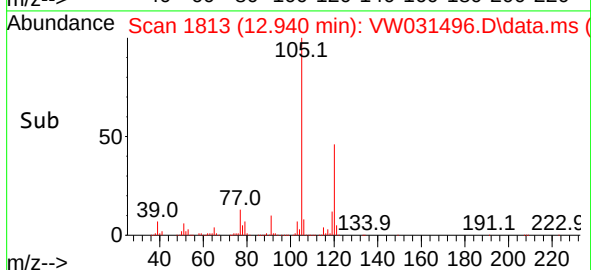
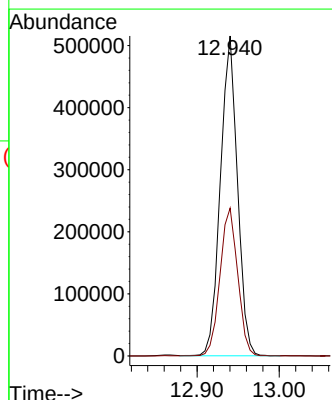
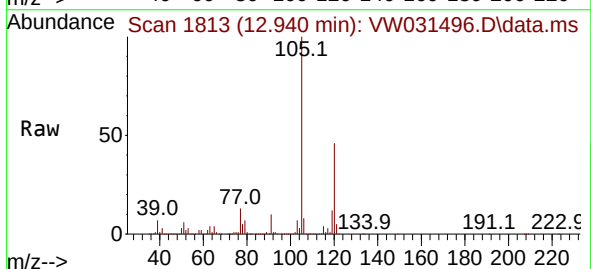
Acq: 22 Dec 2024 07:14

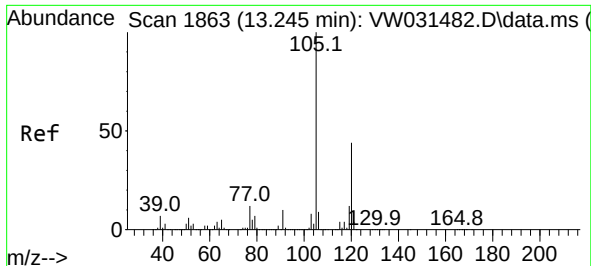
Tgt Ion:105 Resp: 742063

Ion Ratio Lower Upper

105 100

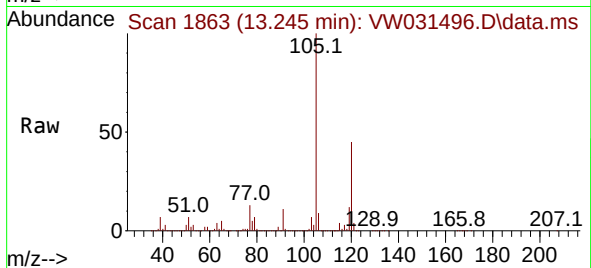
120 48.0 37.3 55.9



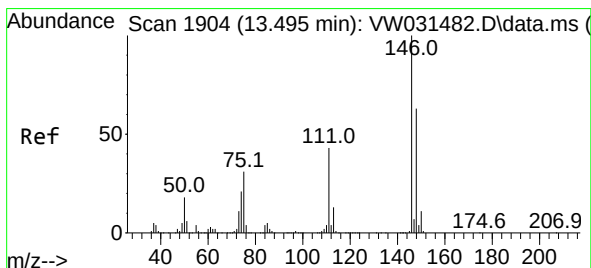
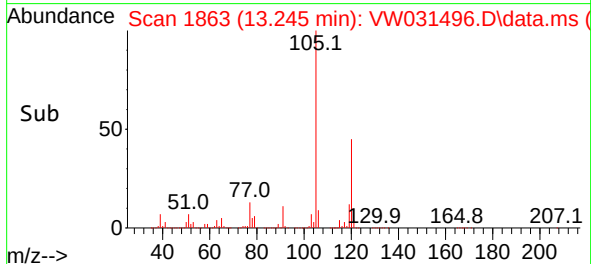
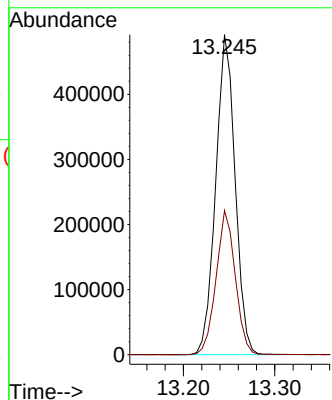


#63
1,2,4-Trimethylbenzene
Concen: 22.241 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Instrument :
MSVOA_W
ClientSampleId :

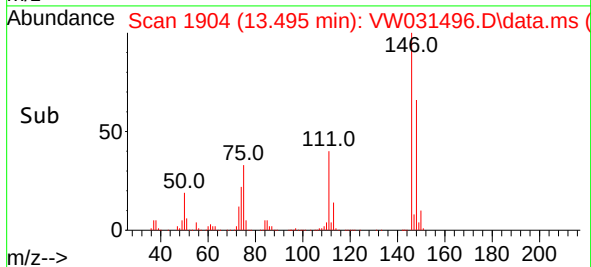
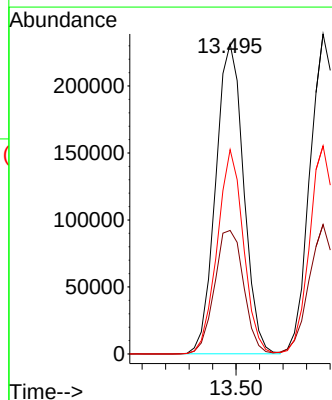
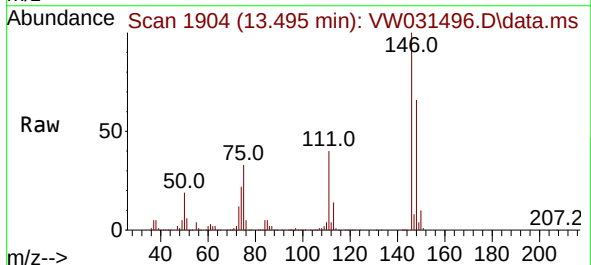


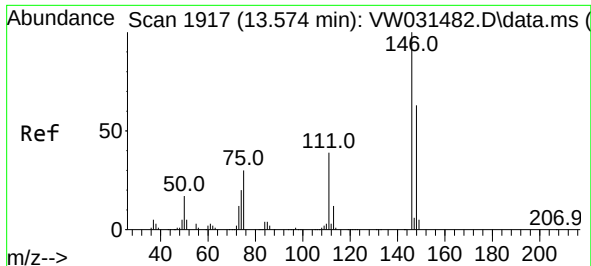
Tgt Ion:105 Resp: 725491
Ion Ratio Lower Upper
105 100
120 44.5 35.0 52.4



#64
1,3-Dichlorobenzene
Concen: 23.712 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion:146 Resp: 382431
Ion Ratio Lower Upper
146 100
111 39.8 27.6 51.2
148 65.9 41.0 76.2

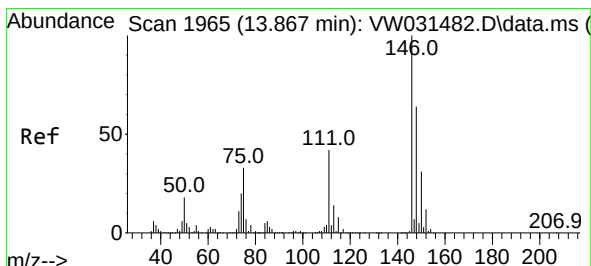
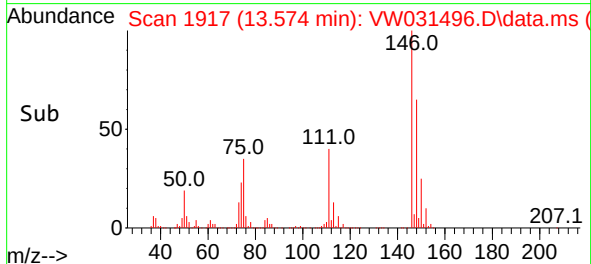
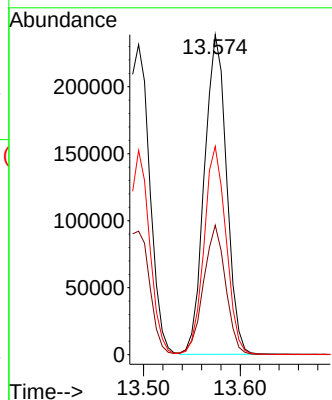
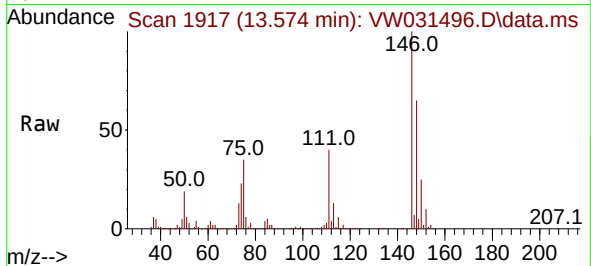




#65
1,4-Dichlorobenzene
Concen: 23.860 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

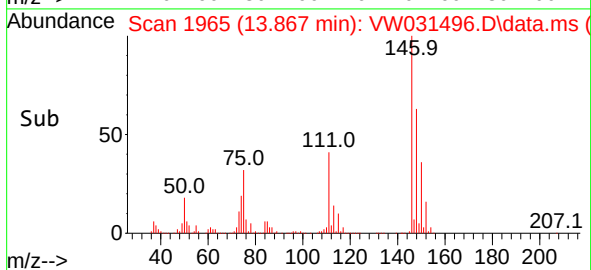
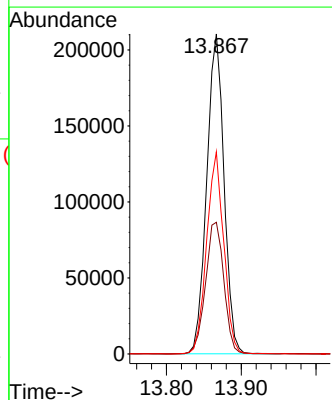
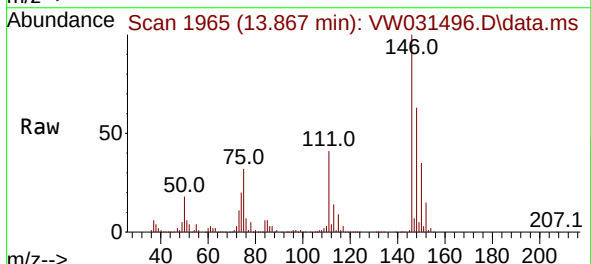
Instrument :
MSVOA_W
ClientSampleId :

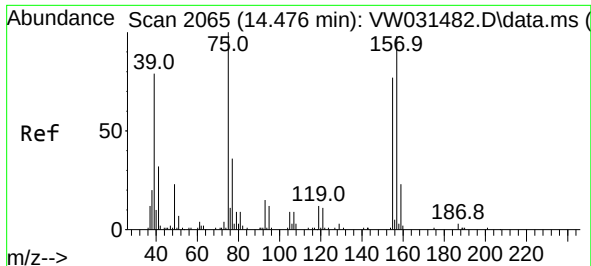
Tgt Ion:146 Resp: 381278
Ion Ratio Lower Upper
146 100
111 40.4 30.7 56.9
148 65.1 46.5 86.3



#67
1,2-Dichlorobenzene
Concen: 24.274 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

Tgt Ion:146 Resp: 337325
Ion Ratio Lower Upper
146 100
111 41.1 38.6 58.0
148 63.2 53.6 80.4





#68

1,2-Dibromo-3-chloropropane

Concen: 19.078 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Instrument :

MSVOA_W

ClientSampleId :

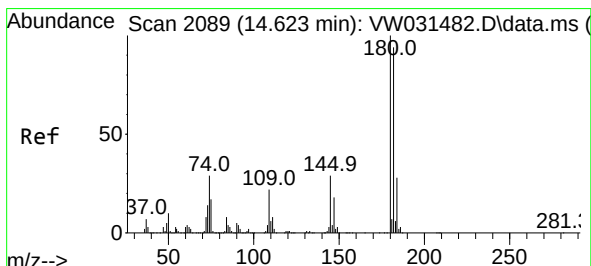
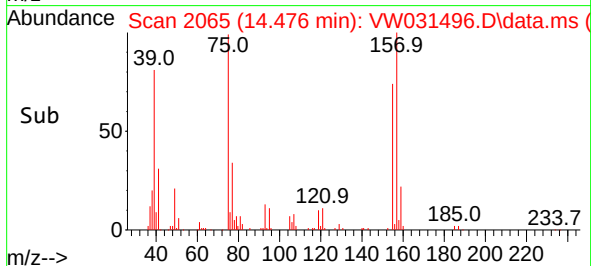
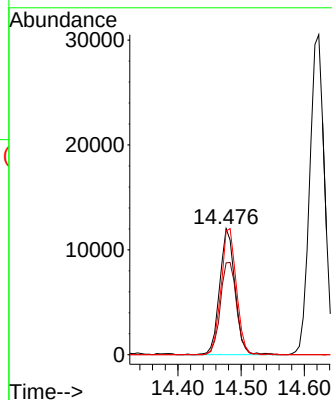
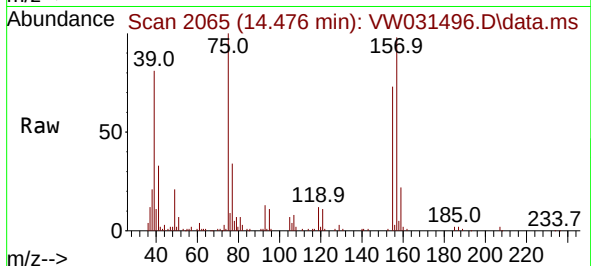
Tgt Ion: 75 Resp: 20152

Ion Ratio Lower Upper

75 100

155 72.9 56.6 85.0

157 98.2 71.2 106.8



#69

1,3,5-Trichlorobenzene

Concen: 22.538 ug/L

RT: 14.629 min Scan# 2090

Delta R.T. 0.006 min

Lab File: VW031496.D

Acq: 22 Dec 2024 07:14

Tgt Ion:180 Resp: 254584

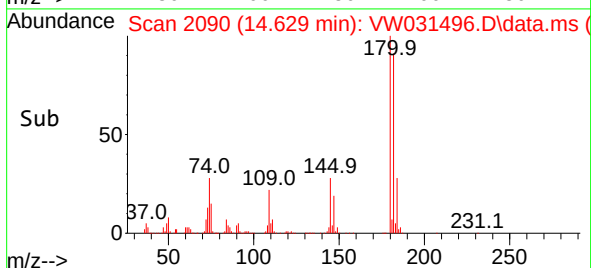
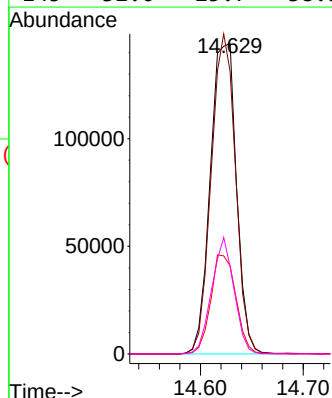
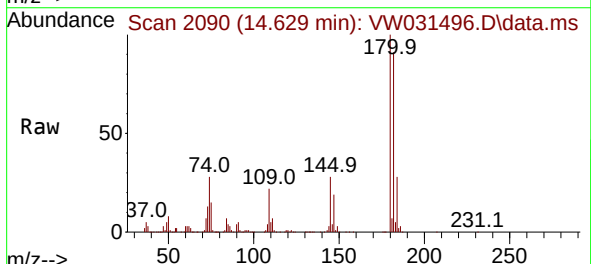
Ion Ratio Lower Upper

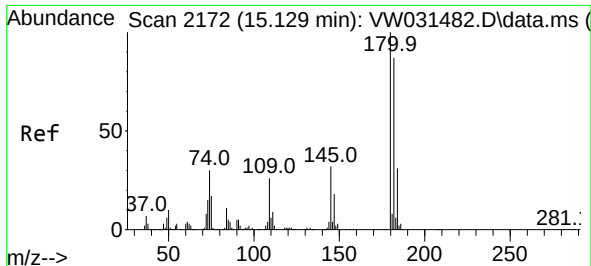
180 100

182 95.7 75.0 112.4

184 30.8 24.6 36.8

145 32.0 25.7 38.5

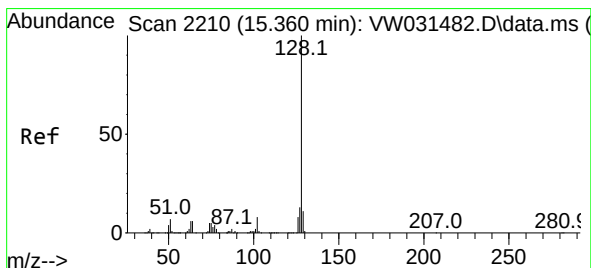
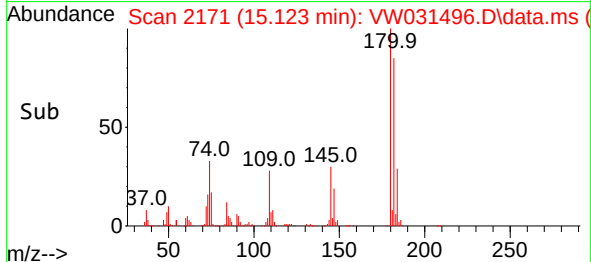
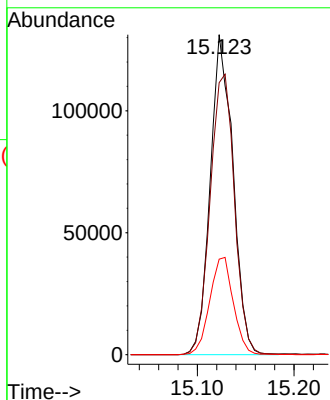
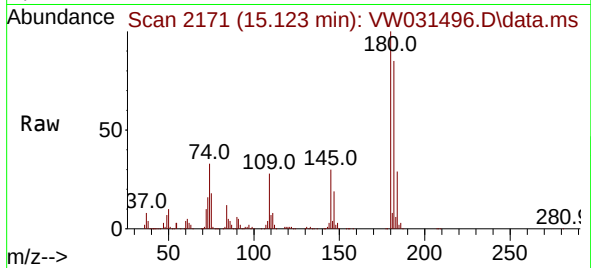




#70
1,2,4-trichlorobenzene
Concen: 22.751 ug/L
RT: 15.123 min Scan# 2172
Delta R.T. -0.006 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

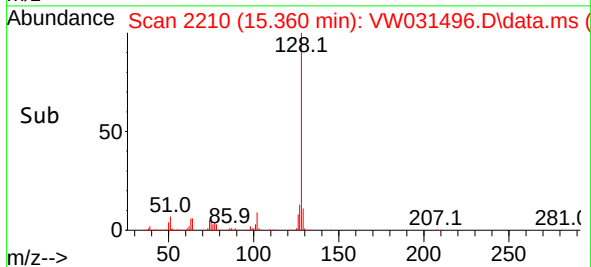
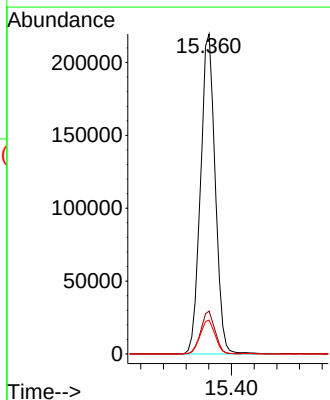
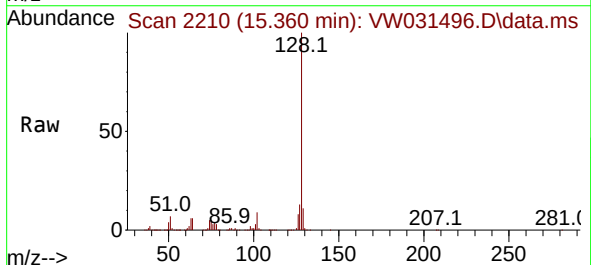
Instrument :
MSVOA_W
ClientSampleId :

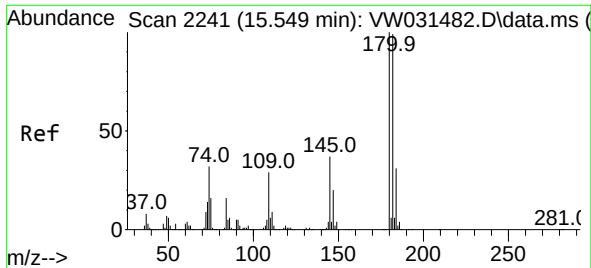
Tgt Ion:180 Resp: 213773
Ion Ratio Lower Upper
180 100
182 93.9 78.2 117.2
145 31.6 26.7 40.1



#71
Naphthalene
Concen: 23.904 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031496.D
Acq: 22 Dec 2024 07:14

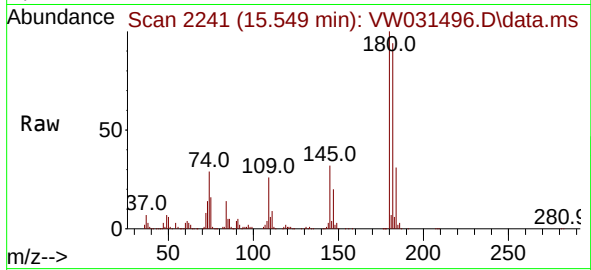
Tgt Ion:128 Resp: 393787
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 24.719 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031496.D
 Acq: 22 Dec 2024 07:14

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	187136
Ion Ratio	Lower	Upper	
180	100		
182	91.7	75.0	112.4
145	33.0	27.8	41.6

