

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111324\
 Data File : VW031005.D
 Acq On : 13 Nov 2024 10:50
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 14 00:24:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 13 00:25:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	385765	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	350707	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	174215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	110100	17.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.600%
7) Chloroethane-d5	2.899	69	95213	19.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.480%
11) 1,1-Dichloroethene-d2	4.021	65	55245	21.161	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.640%
21) 2-Butanone-d5	7.075	46	48152	46.247	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.500%
24) Chloroform-d	7.642	84	282427	24.834	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.320%
26) 1,2-Dichloroethane-d4	8.307	65	131126	23.190	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.270	84	553816	25.419	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.680%
36) 1,2-Dichloropropane-d6	9.270	67	160611	25.006	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	10.319	98	505277	25.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	10.575	79	60516	23.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.960%
47) 2-Hexanone-d5	10.922	63	42817	51.438	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	112357	25.109	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	166090	26.172	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	88556	21.551	ug/L	100
3) Chloromethane	2.222	50	99503	17.971	ug/L	97
5) Vinyl chloride	2.375	62	133259	20.308	ug/L	97
6) Bromomethane	2.796	94	85673	19.884	ug/L	93
8) Chloroethane	2.936	64	82648	20.776	ug/L	96
9) Trichlorofluoromethane	3.271	101	146774	24.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	135372	24.555	ug/L #	75
12) 1,1-Dichloroethene	4.039	96	128929	25.857	ug/L	94
13) Acetone	4.118	43	62952	49.504	ug/L	96
14) Carbon disulfide	4.387	76	367653	22.430	ug/L	99
15) Methyl Acetate	4.667	43	40755	21.850	ug/L	97
16) Methylene chloride	4.917	84	132134	24.228	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	134564	24.600	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	181693	24.609	ug/L	98
19) 1,1-Dichloroethane	6.216	63	253110	24.796	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	145650	25.099	ug/L	99
22) 2-Butanone	7.167	43	65906	46.280	ug/L	100
23) Bromochloromethane	7.514	128	65029	25.588	ug/L	92
25) Chloroform	7.679	83	266787	24.839	ug/L	97

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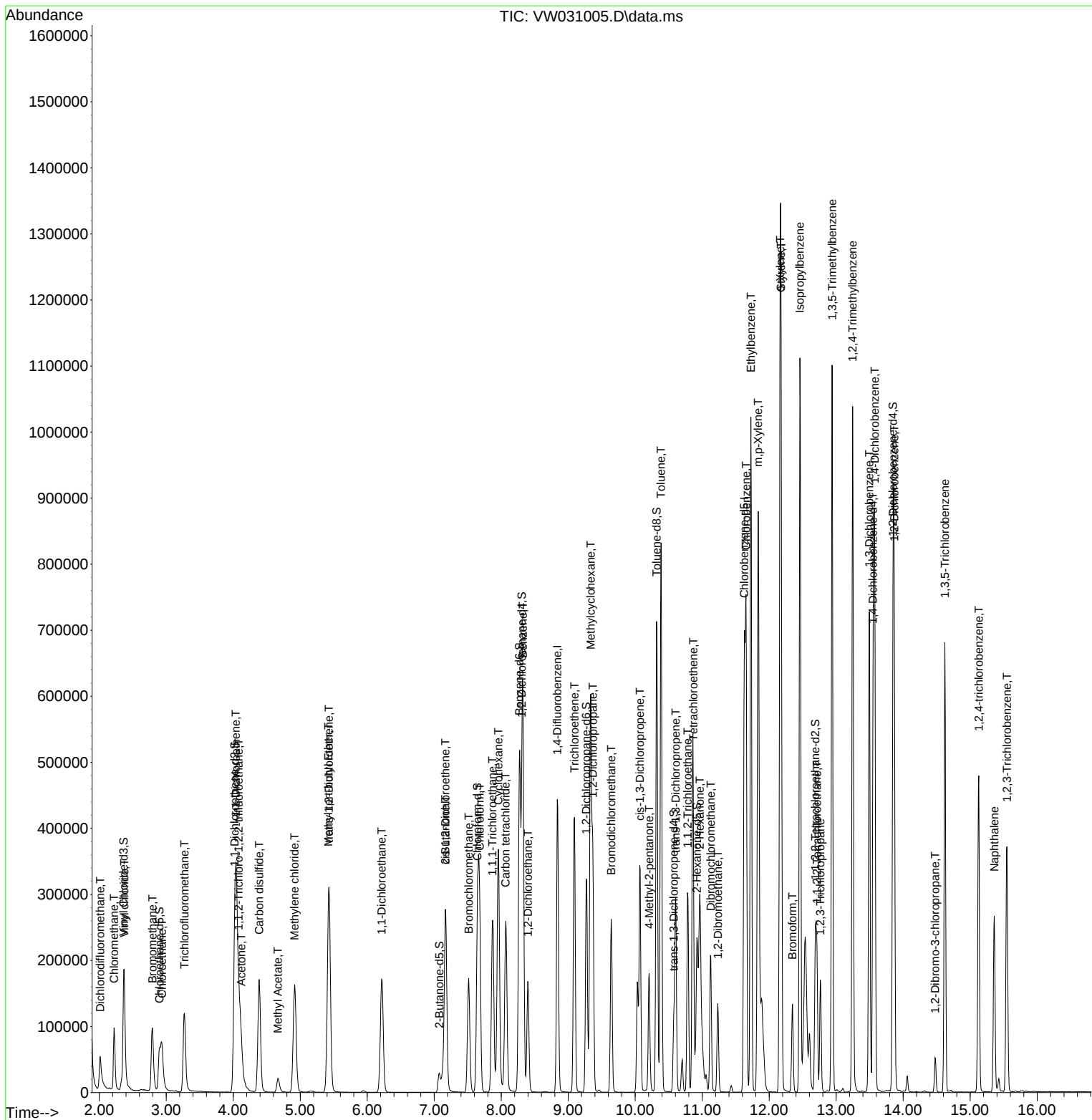
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 ClientSampleId :

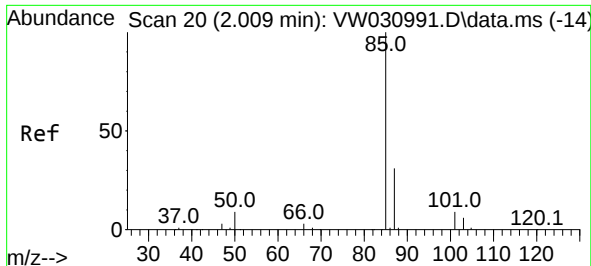
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151620	22.667	ug/L	96
29) Cyclohexane	7.959	56	209970	24.983	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	224857	24.960	ug/L	98
31) Carbon tetrachloride	8.063	117	202879	25.062	ug/L	99
33) Benzene	8.325	78	574245	25.404	ug/L	100
34) Trichloroethene	9.093	95	152159	24.411	ug/L	98
35) Methylcyclohexane	9.337	83	252015	25.509	ug/L	96
37) 1,2-Dichloropropane	9.367	63	144621	25.599	ug/L	99
38) Bromodichloromethane	9.642	83	180052	24.269	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	216136	25.575	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	114342	44.257	ug/L	97
42) Toluene	10.386	91	624264	26.079	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	169819	24.188	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	100480	24.779	ug/L	99
46) Tetrachloroethene	10.867	164	124115	26.046	ug/L	92
48) 2-Hexanone	10.965	43	93061	47.345	ug/L	94
49) Dibromochloromethane	11.129	129	111925	25.315	ug/L	96
50) 1,2-Dibromoethane	11.233	107	90507	24.203	ug/L	99
51) Chlorobenzene	11.654	112	386183	25.208	ug/L	95
52) Ethylbenzene	11.727	91	698538	25.827	ug/L	100
53) m,p-Xylene	11.837	106	272538	26.792	ug/L	93
54) o-Xylene	12.166	106	251476	26.867	ug/L	98
55) Styrene	12.178	104	438984	27.449	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	106408	24.045	ug/L	98
59) Bromoform	12.349	173	62336	25.058	ug/L	96
60) Isopropylbenzene	12.458	105	715897	26.939	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72634	22.238	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	554330	26.493	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	561826	27.573	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	305897	26.215	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	311968	26.042	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	259528	24.955	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	14383	20.800	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	208936	26.983	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	158749	25.820	ug/L	98
71) Naphthalene	15.360	128	232739	23.350	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	135813	25.631	ug/L	97

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

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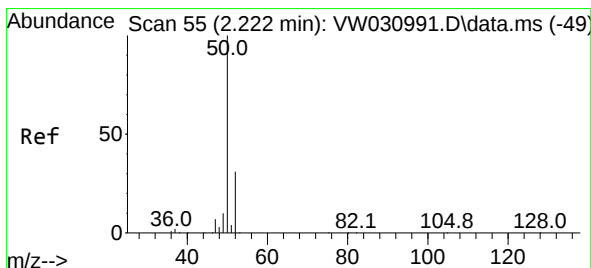
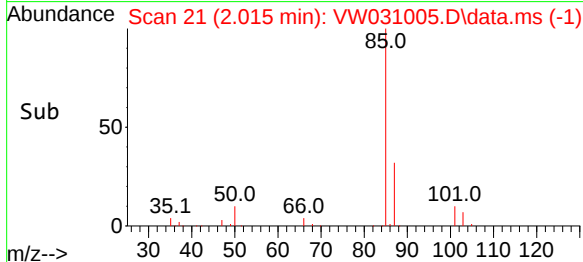
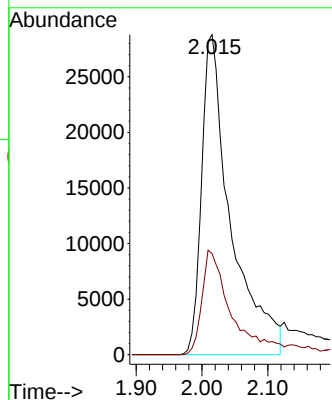
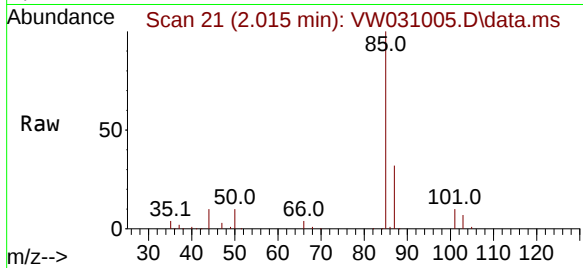




#2
 Dichlorodifluoromethane
 Concen: 21.551 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031005.D
 Acq: 13 Nov 2024 10:50

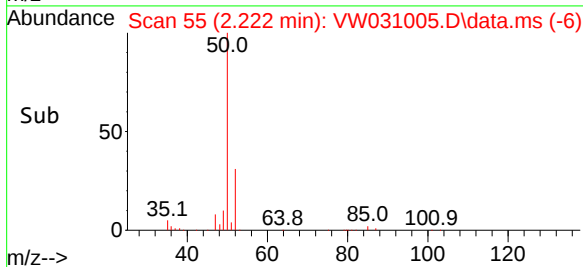
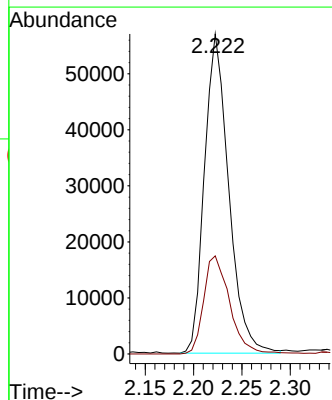
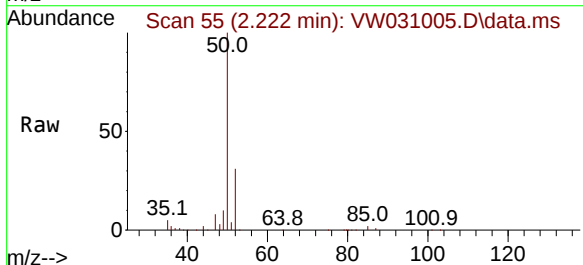
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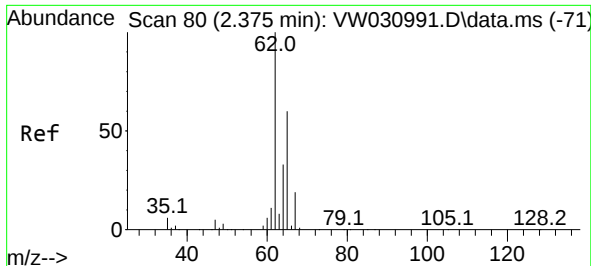
Tgt Ion: 85 Resp: 88556
 Ion Ratio Lower Upper
 85 100
 87 30.1 24.2 36.4



#3
 Chloromethane
 Concen: 17.971 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW031005.D
 Acq: 13 Nov 2024 10:50

Tgt Ion: 50 Resp: 99503
 Ion Ratio Lower Upper
 50 100
 52 30.7 22.5 41.9

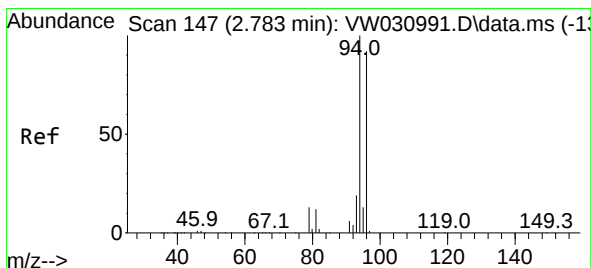
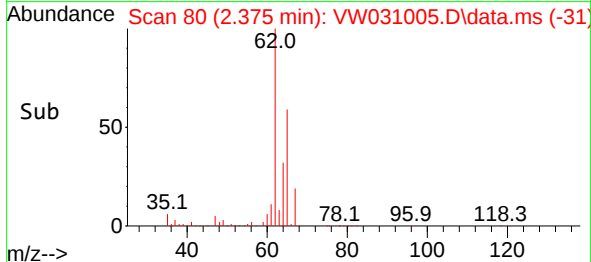
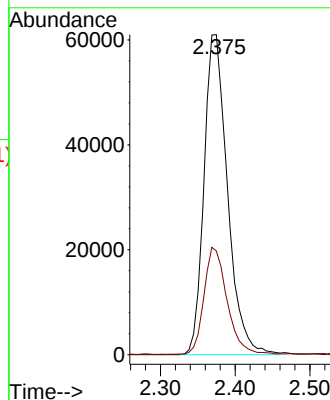
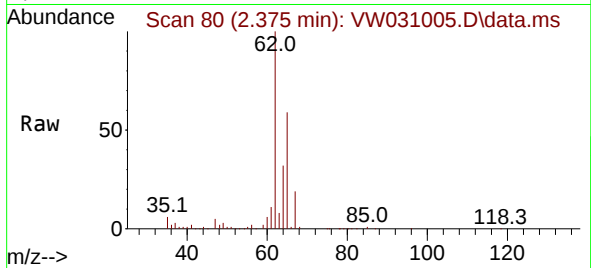




#5
 Vinyl chloride
 Concen: 20.308 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW031005.D
 Acq: 13 Nov 2024 10:50

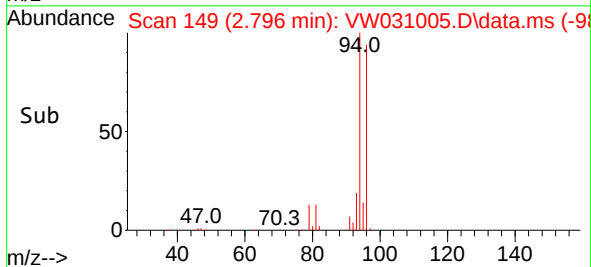
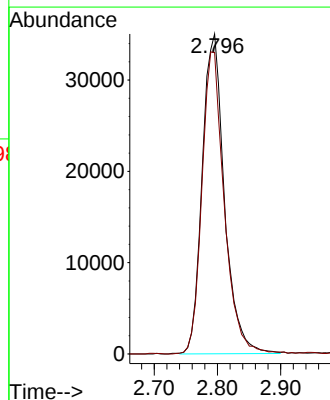
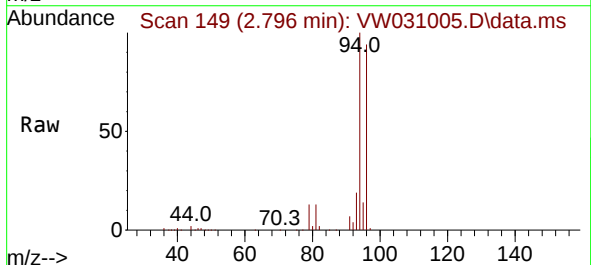
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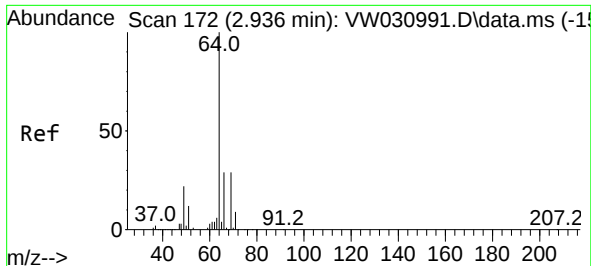
Tgt Ion: 62 Resp: 133259
 Ion Ratio Lower Upper
 62 100
 64 32.4 21.7 40.3



#6
 Bromomethane
 Concen: 19.884 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.012 min
 Lab File: VW031005.D
 Acq: 13 Nov 2024 10:50

Tgt Ion: 94 Resp: 85673
 Ion Ratio Lower Upper
 94 100
 96 94.2 61.6 114.4

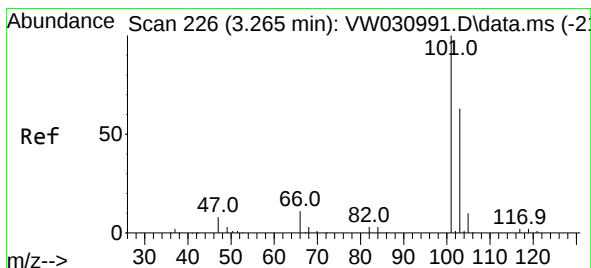
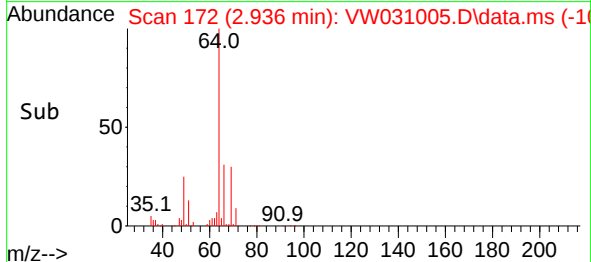
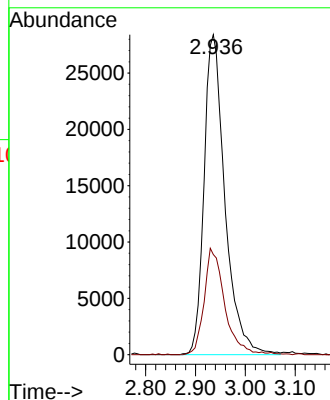
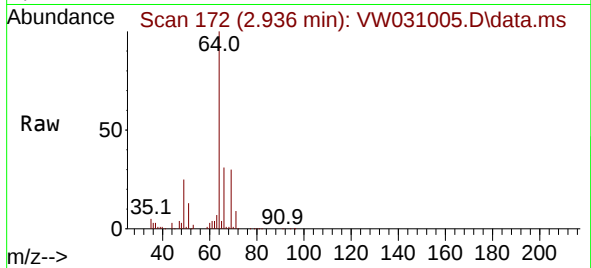




#8
Chloroethane
Concen: 20.776 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

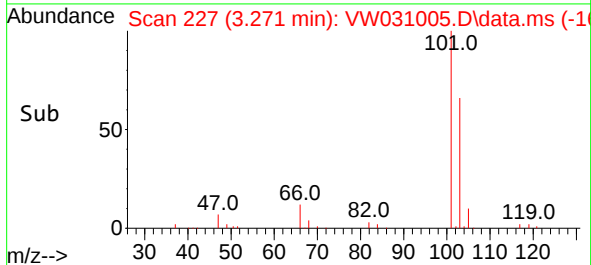
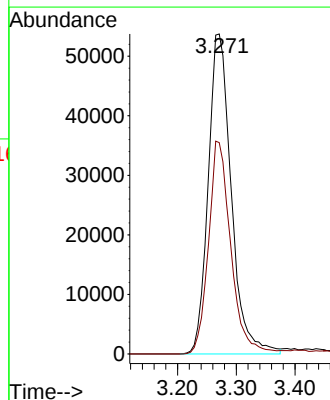
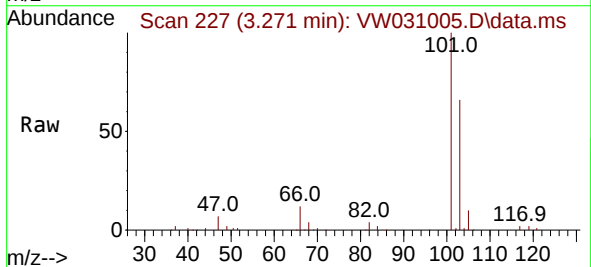
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ClientSampleId :

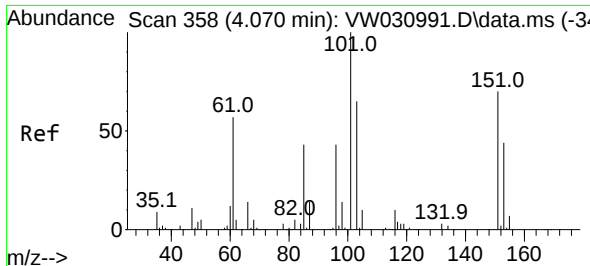
Tgt Ion: 64 Resp: 82648
Ion Ratio Lower Upper
64 100
66 31.3 23.5 43.7



#9
Trichlorofluoromethane
Concen: 24.509 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion:101 Resp: 146774
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

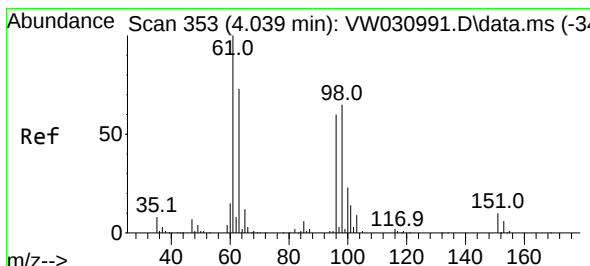
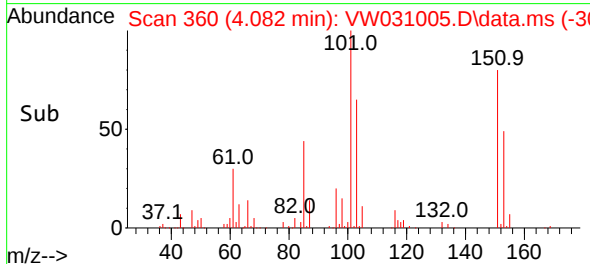
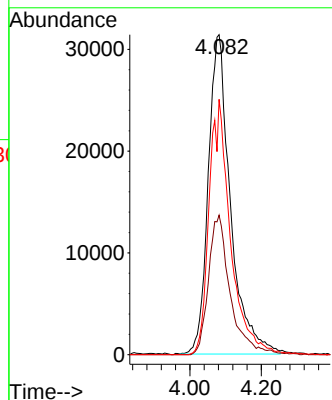
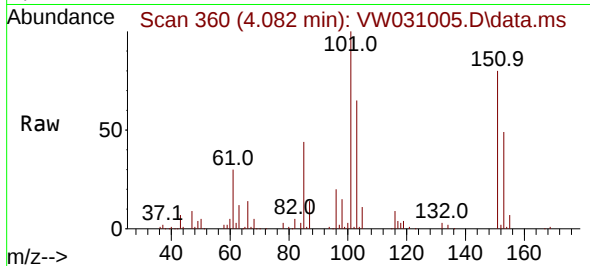




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.555 ug/L
 RT: 4.082 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: VW031005.D
 Acq: 13 Nov 2024 10:50

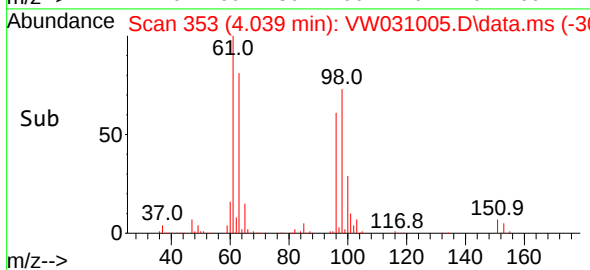
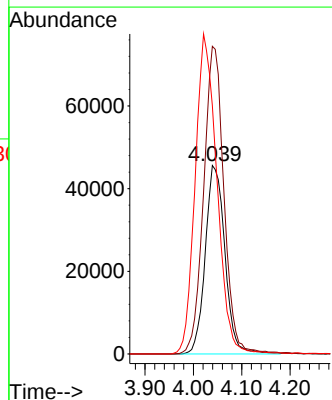
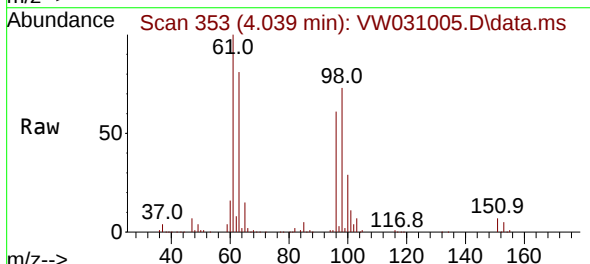
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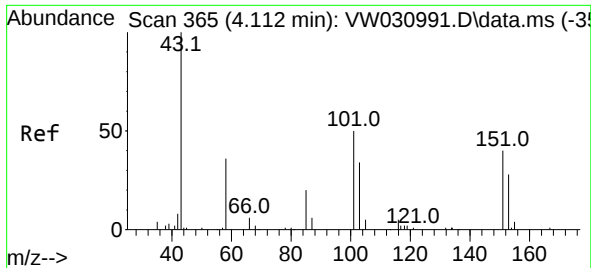
Tgt Ion:101 Resp: 135372
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.9 49.3
 151 31.5 51.0 76.6#



#12
 1,1-Dichloroethene
 Concen: 25.857 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031005.D
 Acq: 13 Nov 2024 10:50

Tgt Ion: 96 Resp: 128929
 Ion Ratio Lower Upper
 96 100
 61 163.2 118.9 220.7
 63 131.7 97.8 181.6

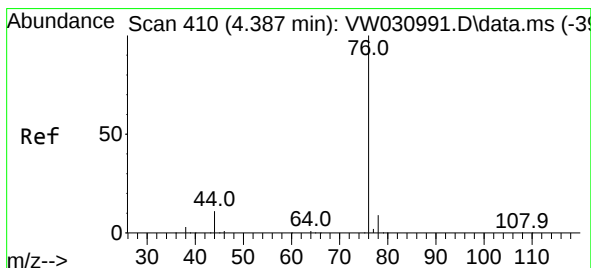
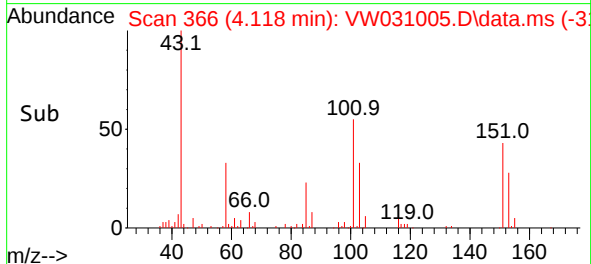
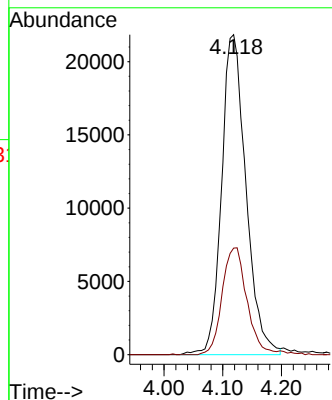
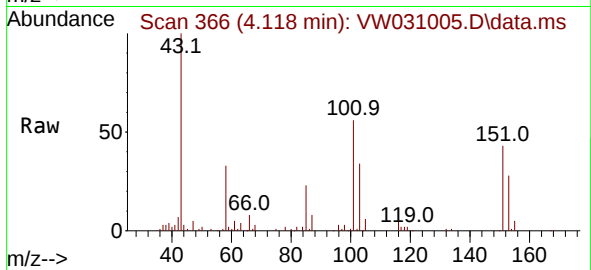




#13
Acetone
Concen: 49.504 ug/L
RT: 4.118 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

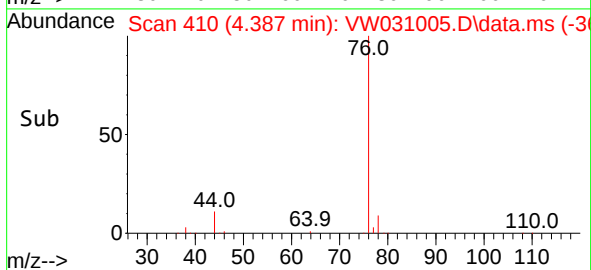
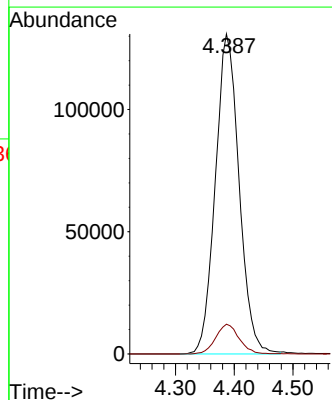
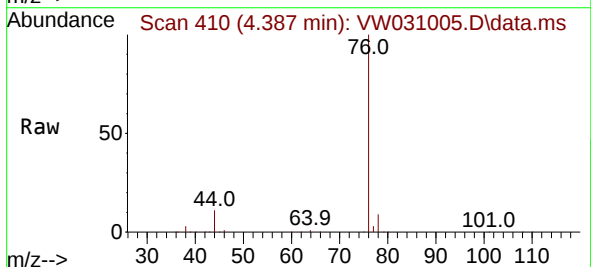
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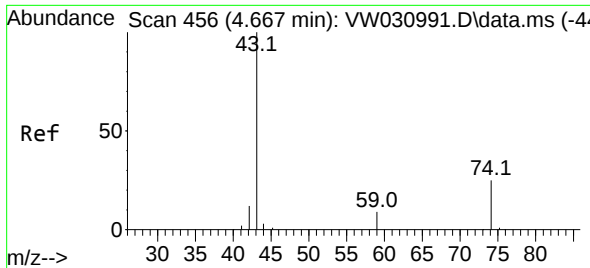
Tgt Ion: 43 Resp: 62952
Ion Ratio Lower Upper
43 100
58 33.8 0.0 62.6



#14
Carbon disulfide
Concen: 22.430 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion: 76 Resp: 367653
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

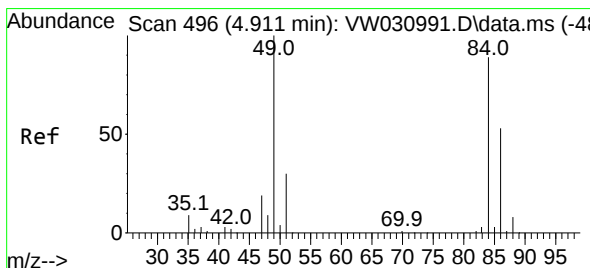
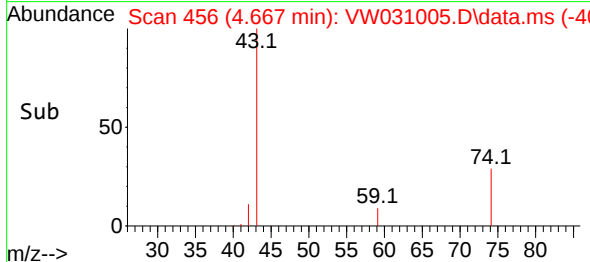
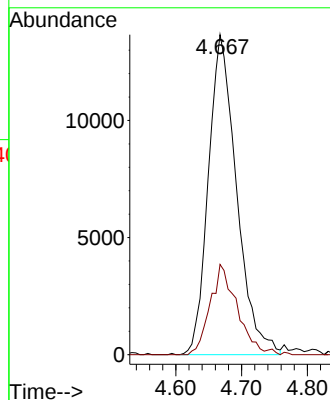
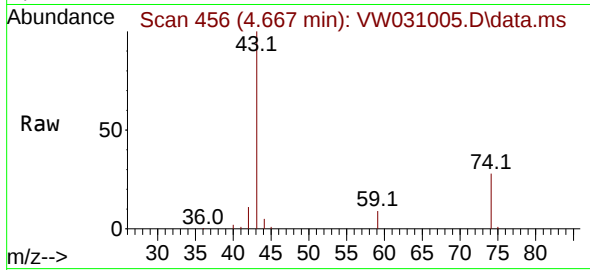




#15
Methyl Acetate
Concen: 21.850 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

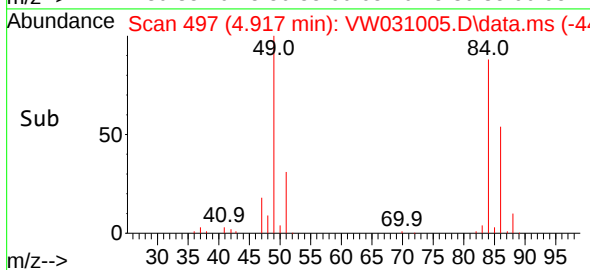
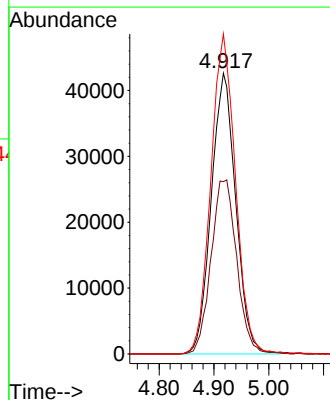
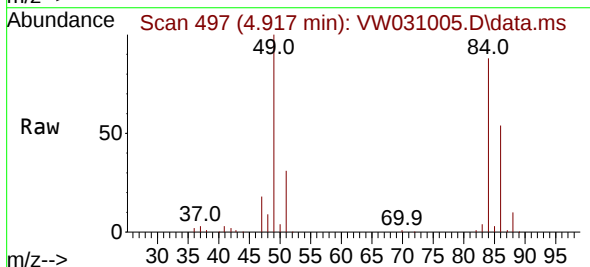
Instrument :
MSVOA_W
ClientSampleId :

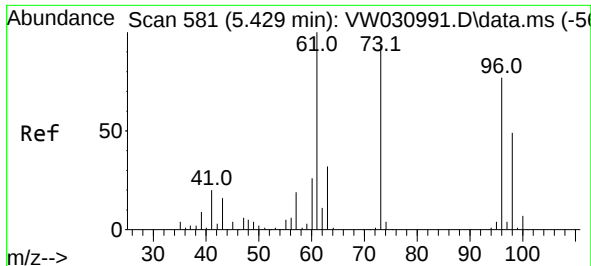
Tgt Ion: 43 Resp: 40755
Ion Ratio Lower Upper
43 100
74 26.6 20.2 30.2



#16
Methylene chloride
Concen: 24.228 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion: 84 Resp: 132134
Ion Ratio Lower Upper
84 100
86 61.4 41.8 77.6
49 114.0 82.8 153.8

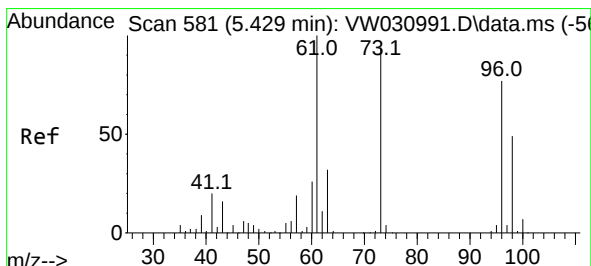
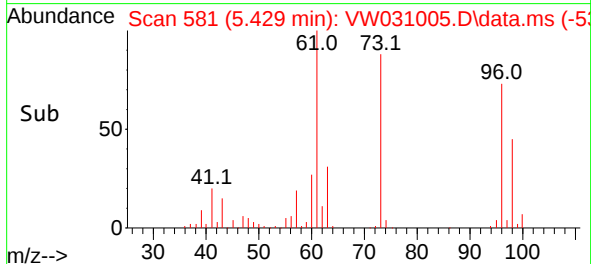
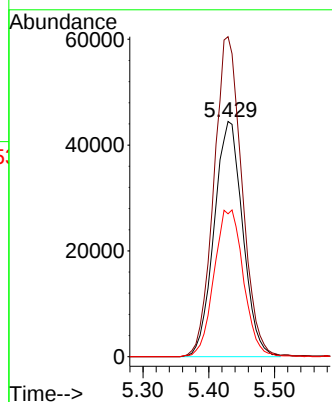
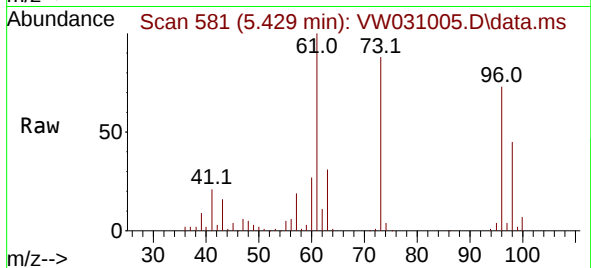




#17
trans-1,2-Dichloroethene
Concen: 24.600 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

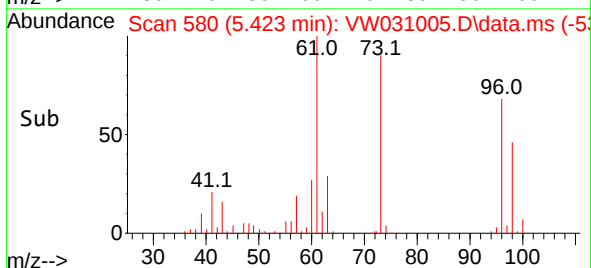
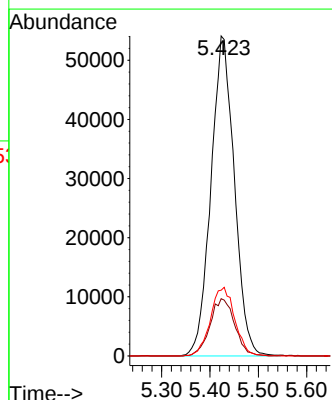
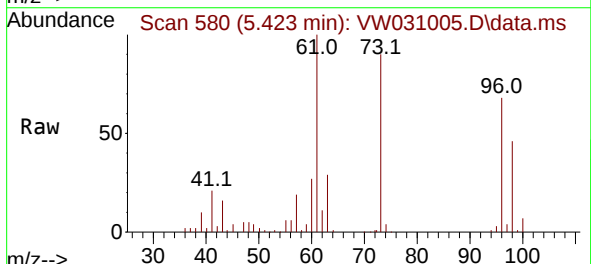
Instrument :
MSVOA_W
ClientSampleId :

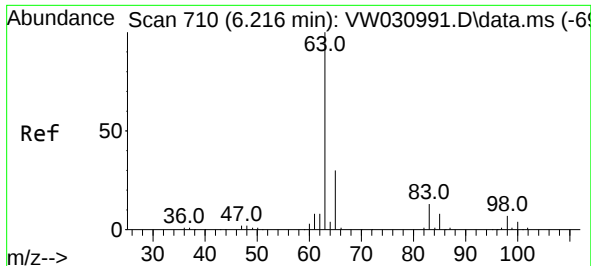
Tgt Ion: 96 Resp: 134564
Ion Ratio Lower Upper
96 100
61 136.1 95.2 176.8
98 60.8 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 24.609 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion: 73 Resp: 181693
Ion Ratio Lower Upper
73 100
43 18.9 16.2 24.2
57 22.2 17.3 25.9

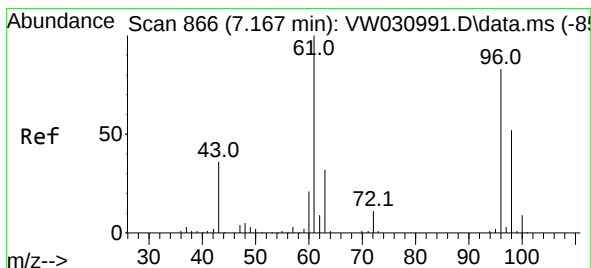
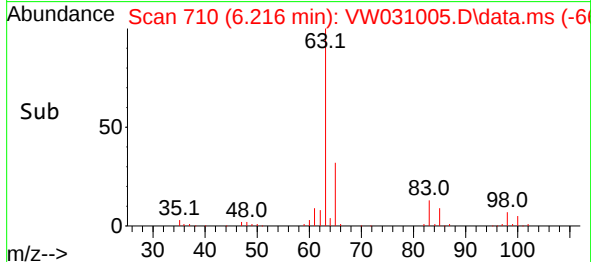
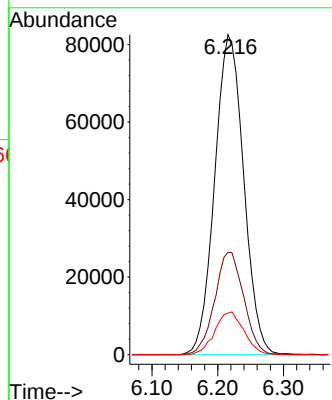
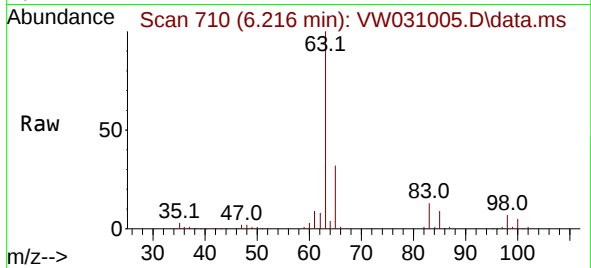




#19
 1,1-Dichloroethane
 Concen: 24.796 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VW031005.D
 Acq: 13 Nov 2024 10:50

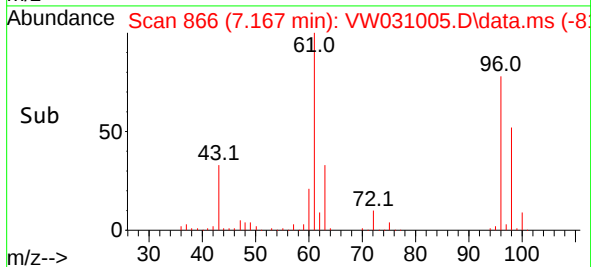
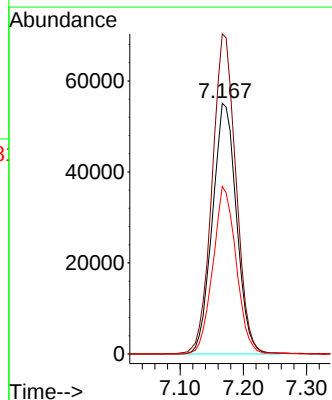
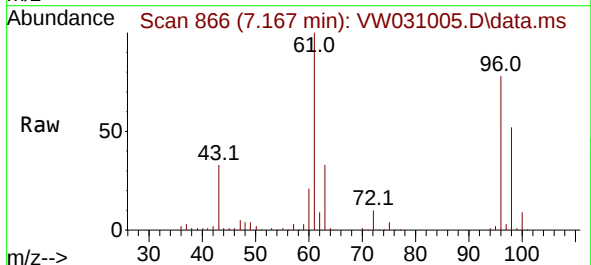
Instrument :
 MSVOA_W
 ClientSampleId :

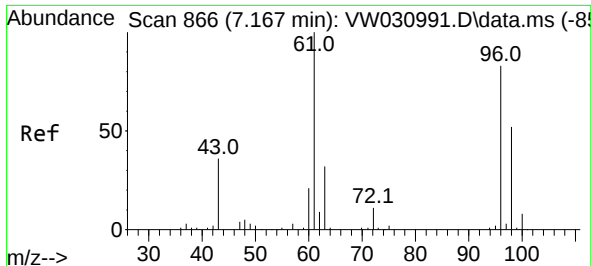
Tgt Ion: 63 Resp: 253110
 Ion Ratio Lower Upper
 63 100
 65 32.0 23.0 42.8
 83 13.0 9.8 18.2



#20
 cis-1,2-Dichloroethene
 Concen: 25.099 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VW031005.D
 Acq: 13 Nov 2024 10:50

Tgt Ion: 96 Resp: 145650
 Ion Ratio Lower Upper
 96 100
 61 127.6 89.2 165.8
 98 66.8 45.1 83.9

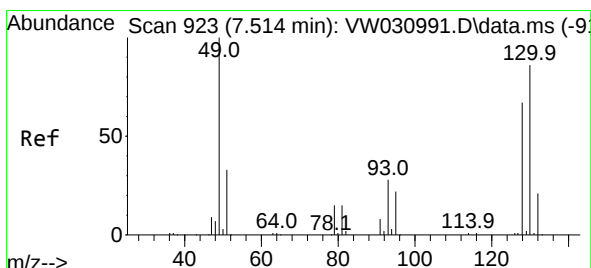
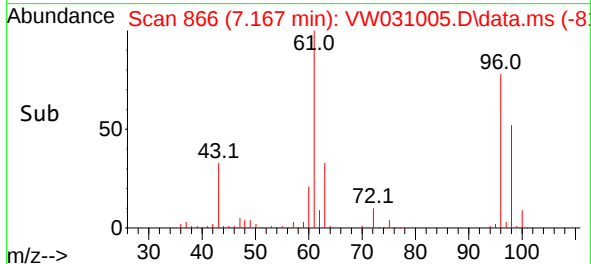
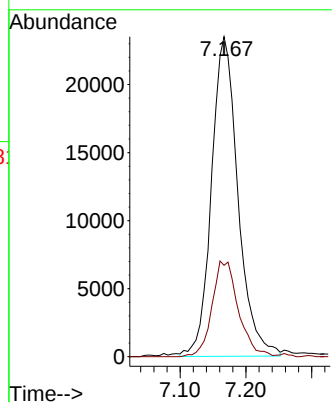
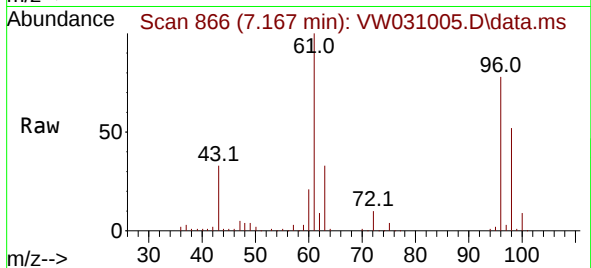




#22
2-Butanone
Concen: 46.280 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

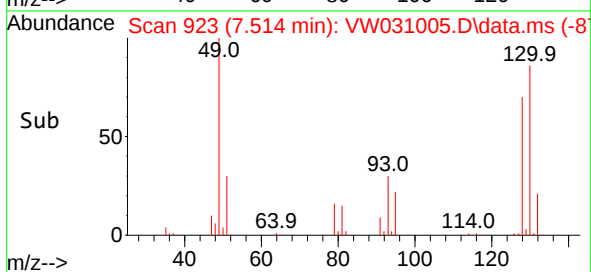
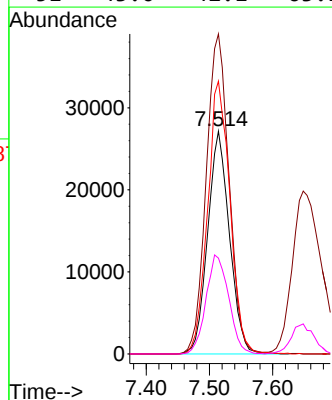
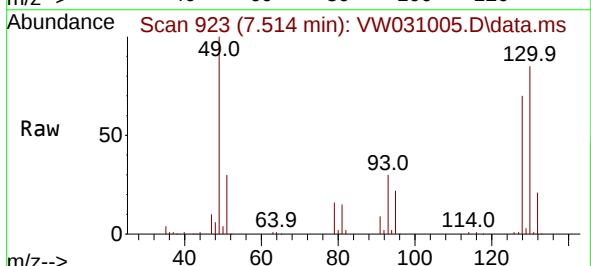
Instrument :
MSVOA_W
ClientSampleId :

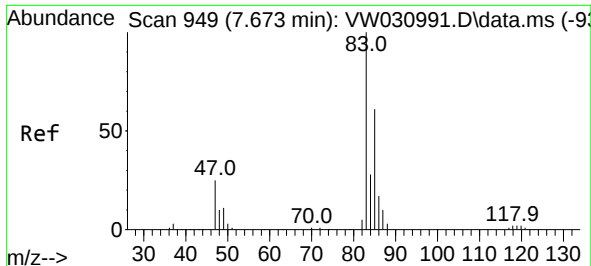
Tgt Ion: 43 Resp: 65906
Ion Ratio Lower Upper
43 100
72 29.2 14.5 43.6



#23
Bromochloromethane
Concen: 25.588 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion: 128 Resp: 65029
Ion Ratio Lower Upper
128 100
49 143.6 112.4 208.8
130 122.4 86.2 160.0
51 43.0 42.1 63.1

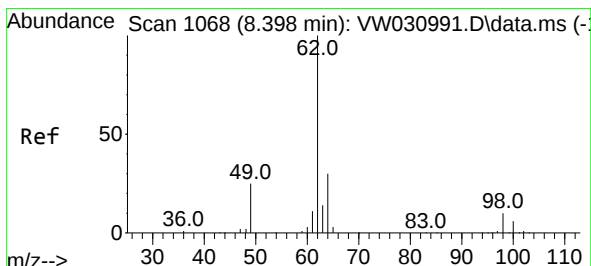
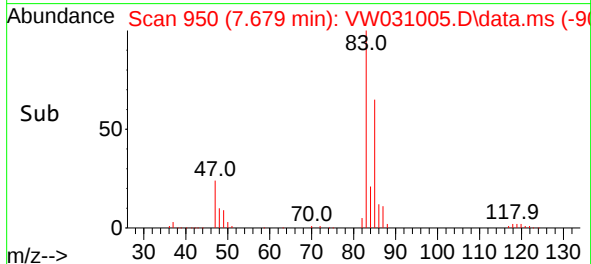
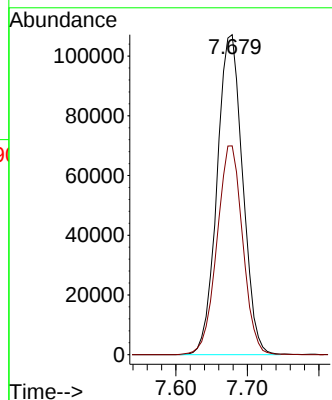
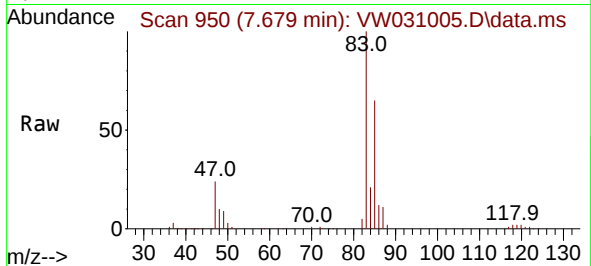




#25
Chloroform
Concen: 24.839 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

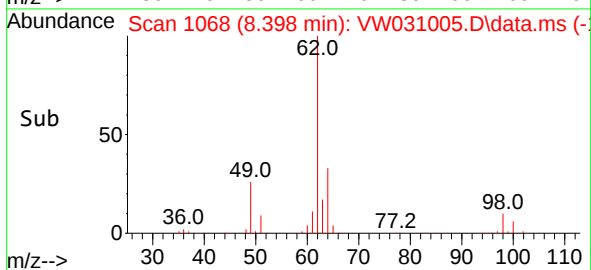
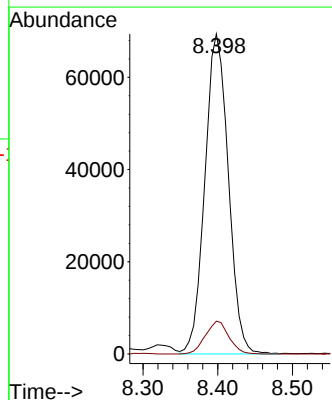
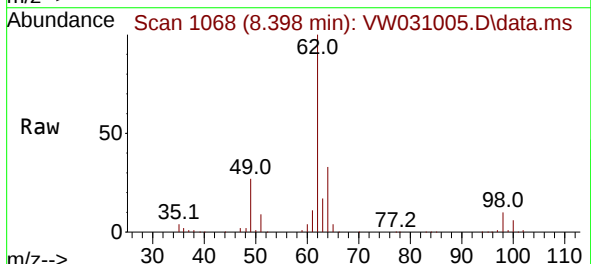
Instrument :
MSVOA_W
ClientSampleId :

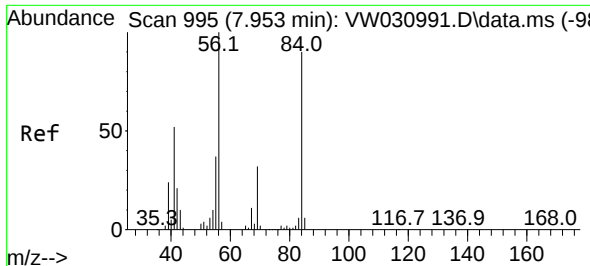
Tgt Ion: 83 Resp: 266787
Ion Ratio Lower Upper
83 100
85 65.3 47.2 87.6



#27
1,2-Dichloroethane
Concen: 22.667 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion: 62 Resp: 151620
Ion Ratio Lower Upper
62 100
98 10.3 7.1 10.7





#29

Cyclohexane

Concen: 24.983 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

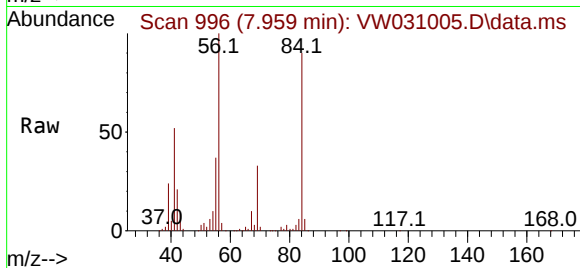
Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

ClientSampleId :



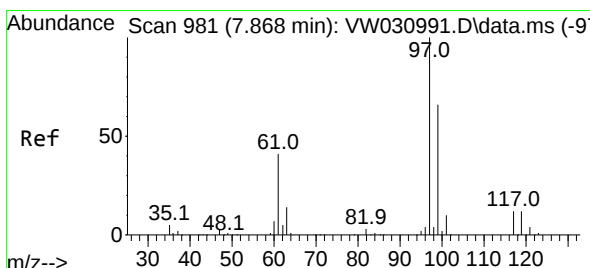
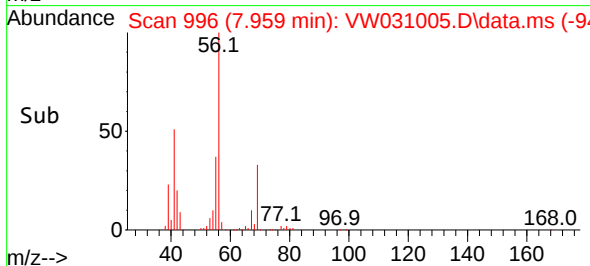
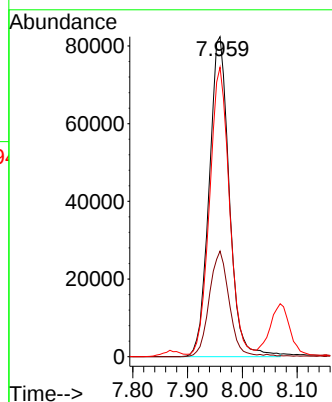
Tgt Ion: 56 Resp: 209970

Ion Ratio Lower Upper

56 100

69 32.4 24.8 37.2

84 89.0 69.5 104.3



#30

1,1,1-Trichloroethane

Concen: 24.960 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

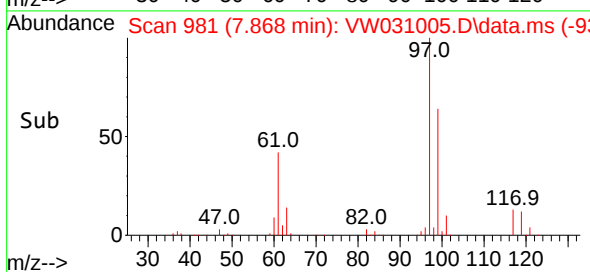
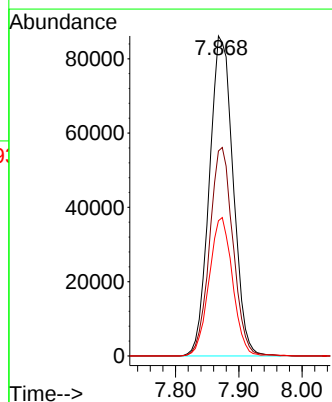
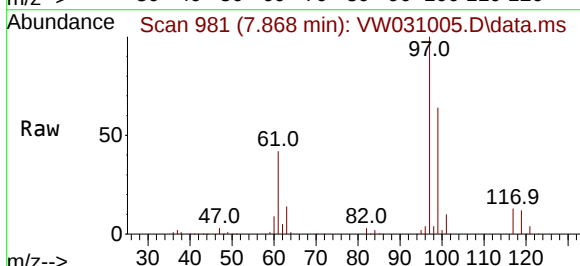
Tgt Ion: 97 Resp: 224857

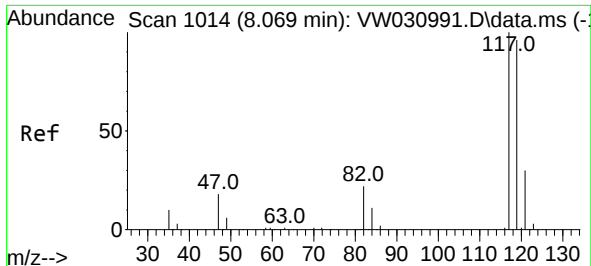
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 42.6 36.2 54.4

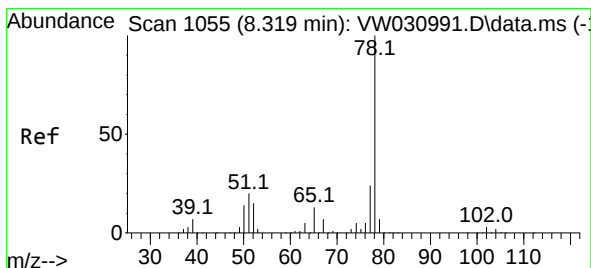
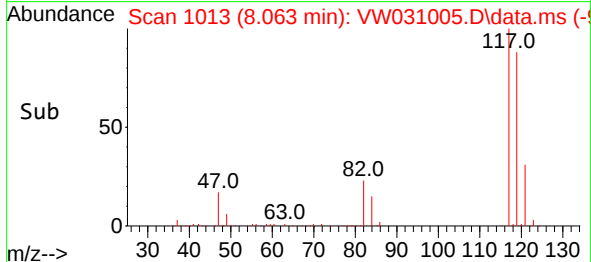
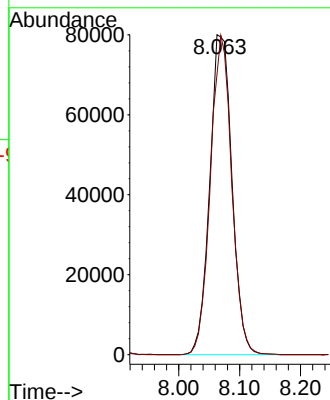
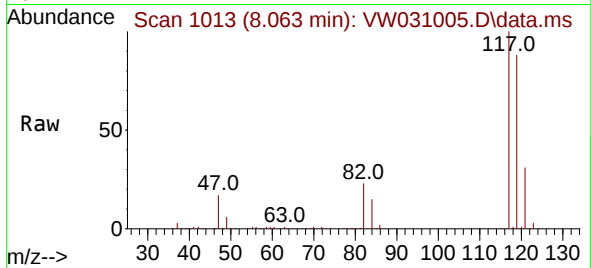




#31
Carbon tetrachloride
Concen: 25.062 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

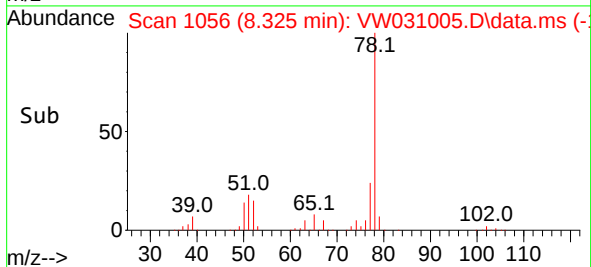
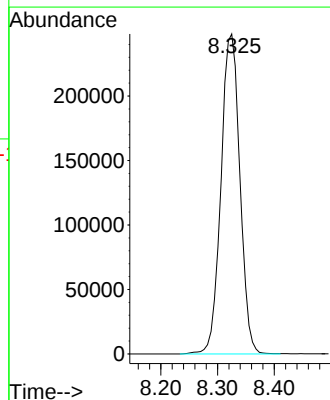
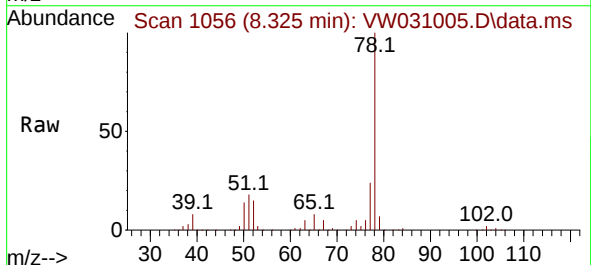
Instrument :
MSVOA_W
ClientSampleId :

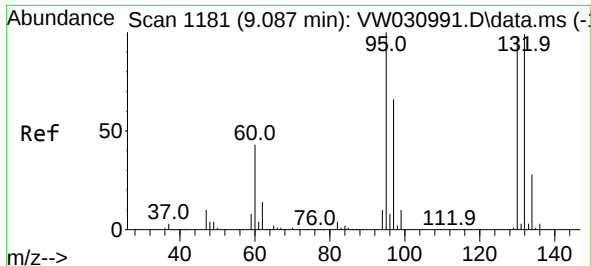
Tgt Ion:117 Resp: 202879
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2



#33
Benzene
Concen: 25.404 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion: 78 Resp: 574245

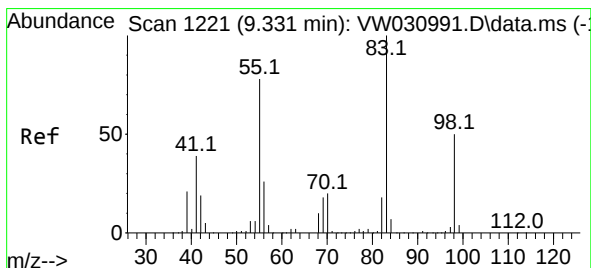
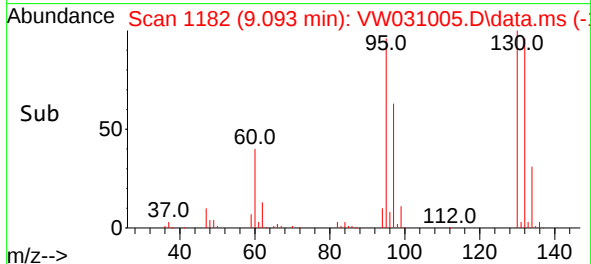
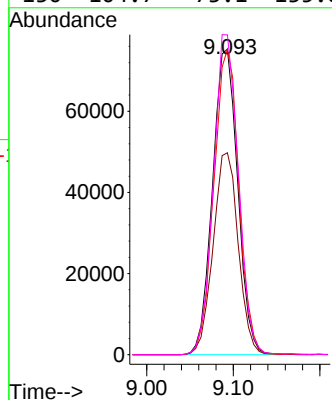
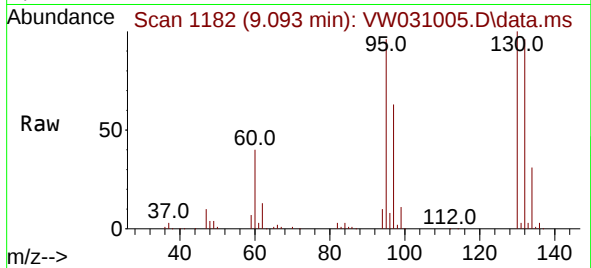




#34
Trichloroethene
Concen: 24.411 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

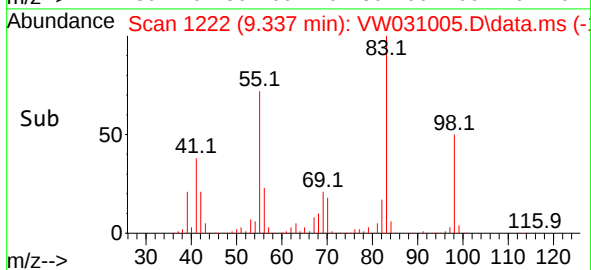
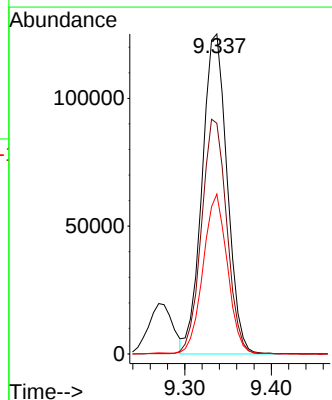
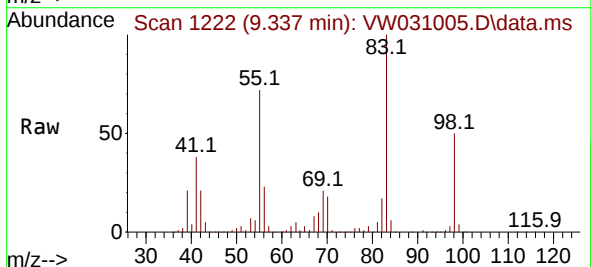
Instrument :
MSVOA_W
ClientSampleId :

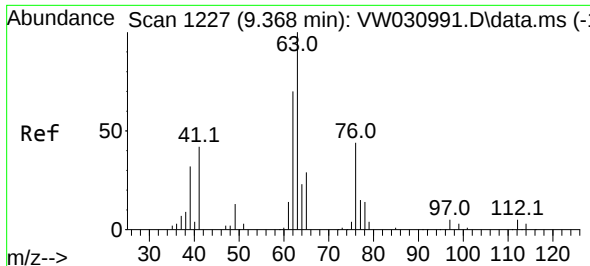
Tgt Ion: 95 Resp: 152159
Ion Ratio Lower Upper
95 100
97 66.1 48.9 90.7
132 99.9 67.7 125.7
130 104.7 73.1 135.8



#35
Methylcyclohexane
Concen: 25.509 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion: 83 Resp: 252015
Ion Ratio Lower Upper
83 100
55 73.6 62.8 94.2
98 48.5 39.4 59.2





#37

1,2-Dichloropropane

Concen: 25.599 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

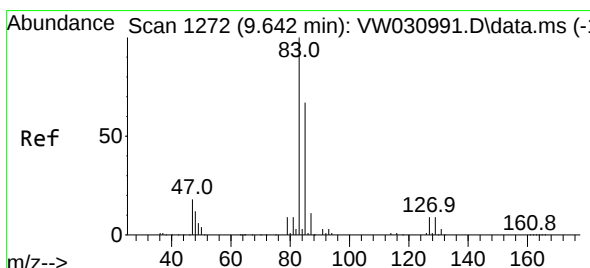
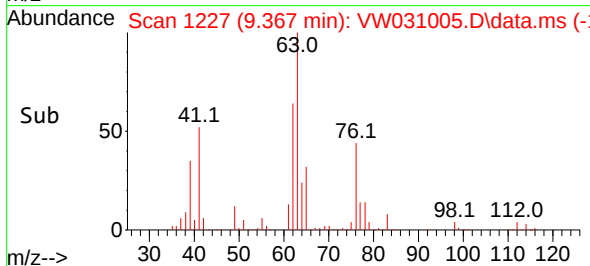
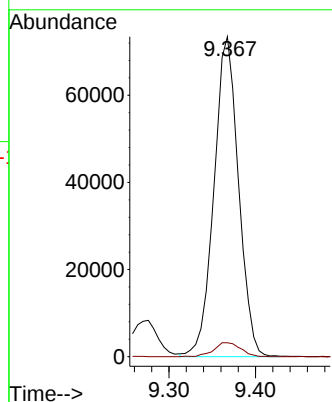
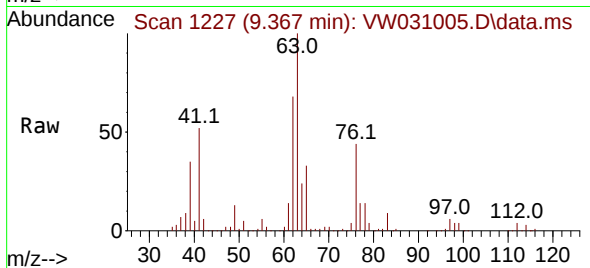
ClientSampleId :

Tgt Ion: 63 Resp: 144621

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 24.269 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

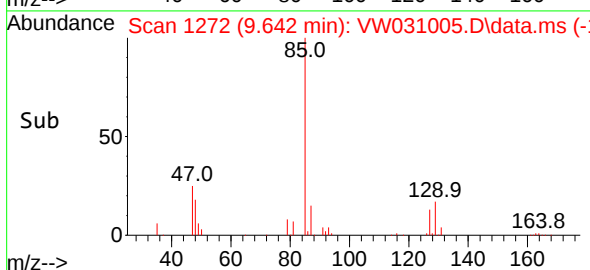
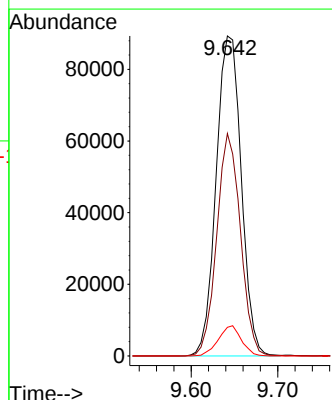
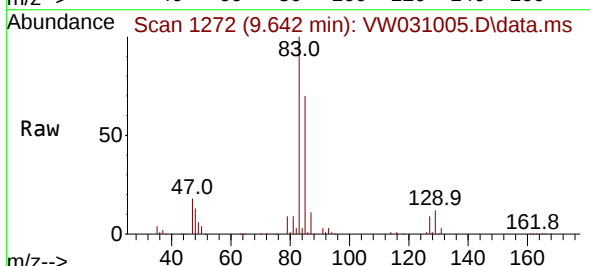
Tgt Ion: 83 Resp: 180052

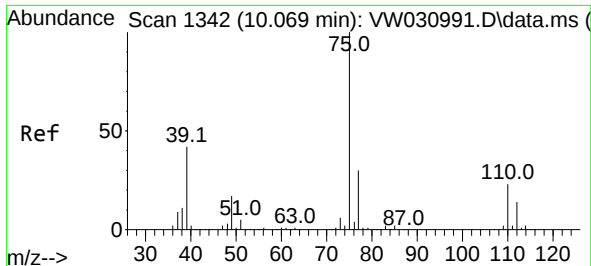
Ion Ratio Lower Upper

83 100

85 69.5 44.1 81.9

127 9.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 25.575 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

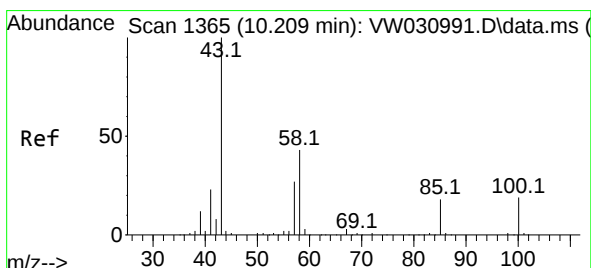
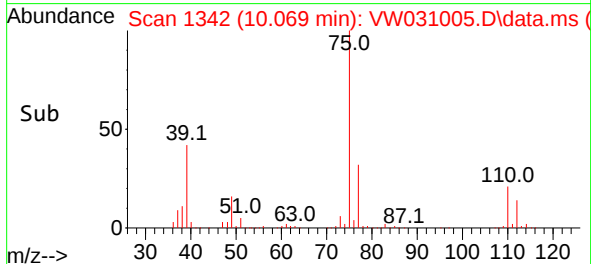
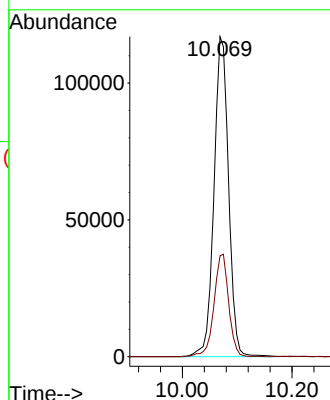
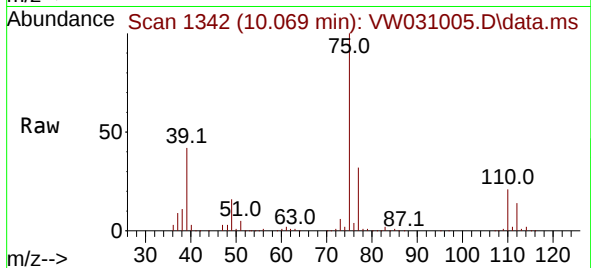
ClientSampleId :

Tgt Ion: 75 Resp: 216136

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 44.257 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

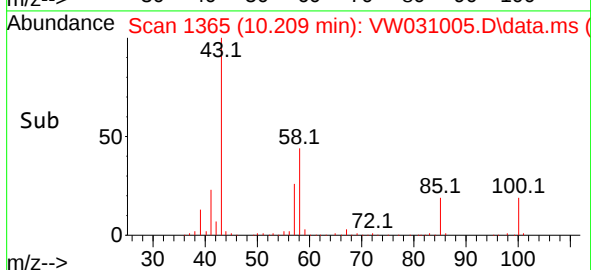
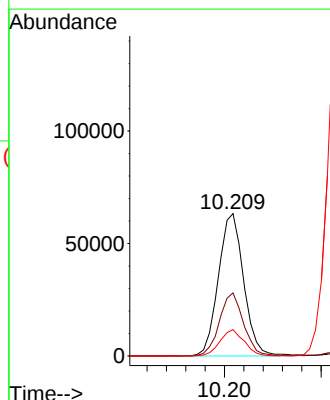
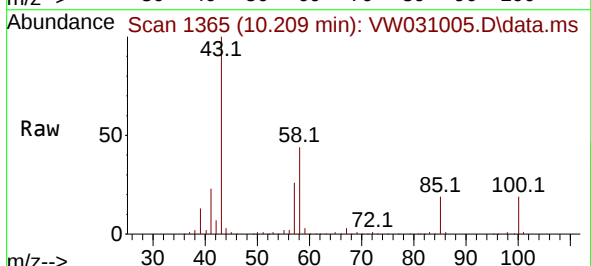
Tgt Ion: 43 Resp: 114342

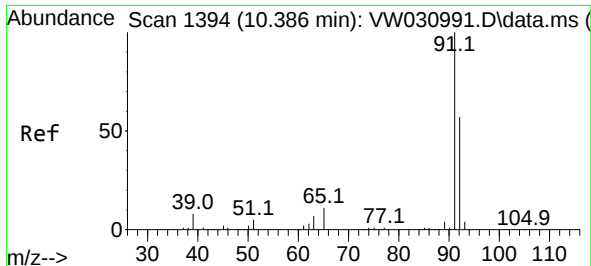
Ion Ratio Lower Upper

43 100

58 42.3 32.2 48.4

100 17.7 13.3 19.9





#42

Toluene

Concen: 26.079 ug/L

RT: 10.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

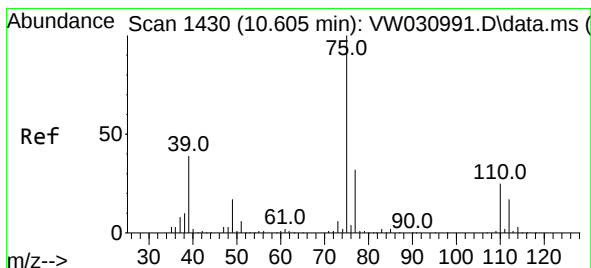
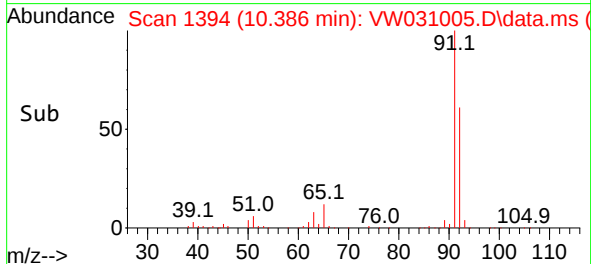
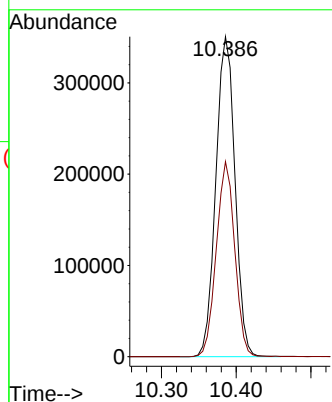
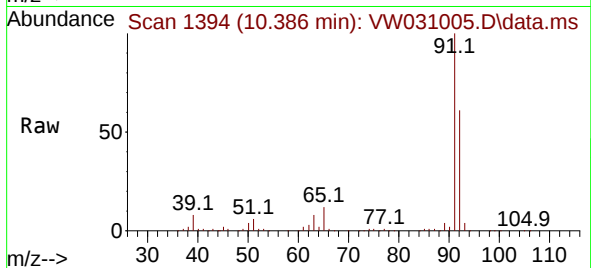
ClientSampleId :

Tgt Ion: 91 Resp: 624264

Ion Ratio Lower Upper

91 100

92 60.9 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 24.188 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031005.D

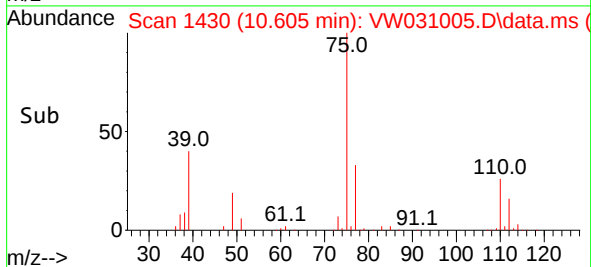
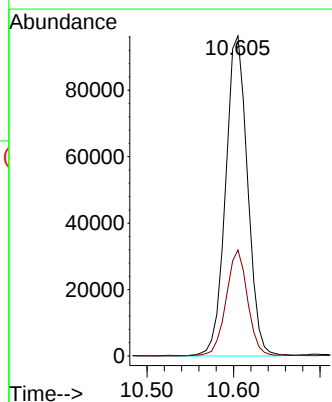
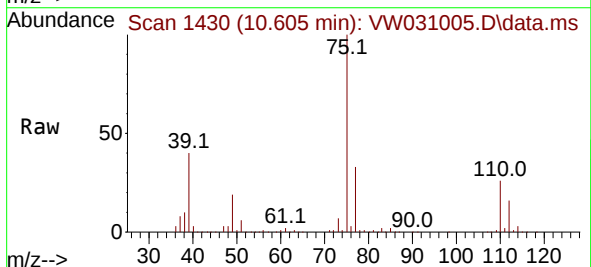
Acq: 13 Nov 2024 10:50

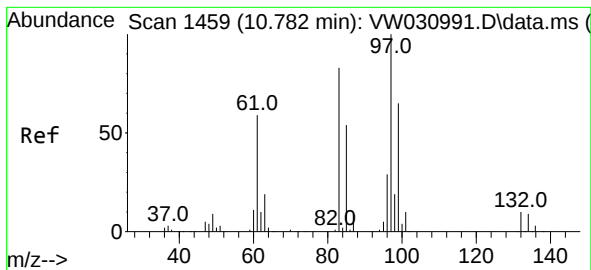
Tgt Ion: 75 Resp: 169819

Ion Ratio Lower Upper

75 100

77 33.1 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 24.779 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

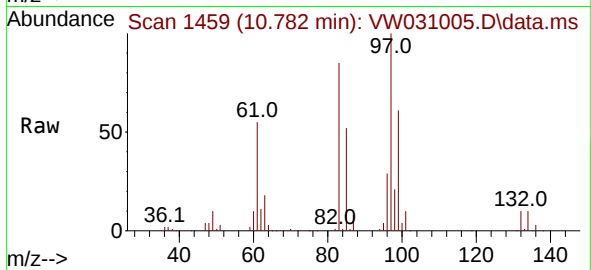
Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

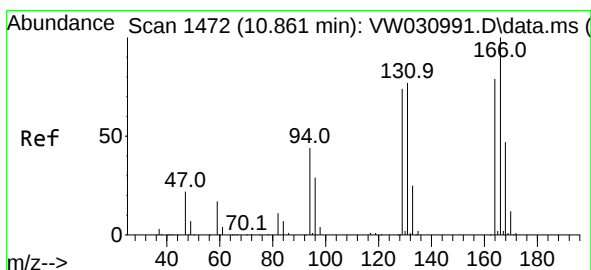
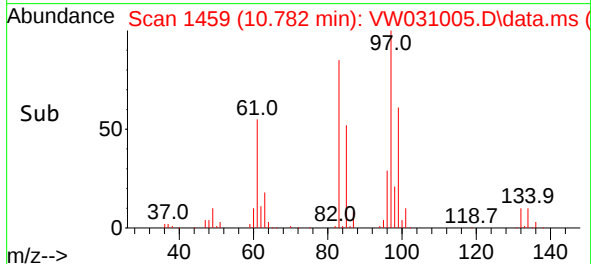
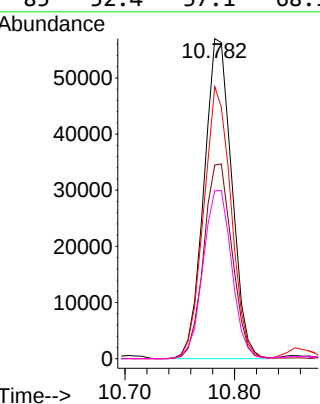
MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 100480

Ion	Ratio	Lower	Upper
97	100		
99	60.5	42.8	79.4
83	85.0	60.6	112.6
85	52.4	37.1	68.9



#46

Tetrachloroethene

Concen: 26.046 ug/L

RT: 10.867 min Scan# 1473

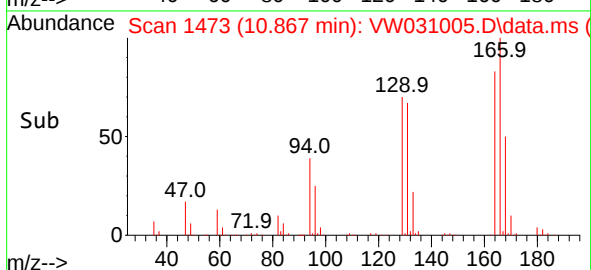
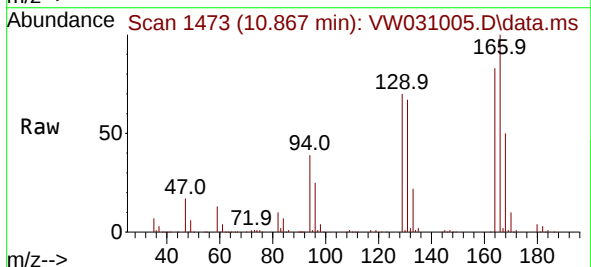
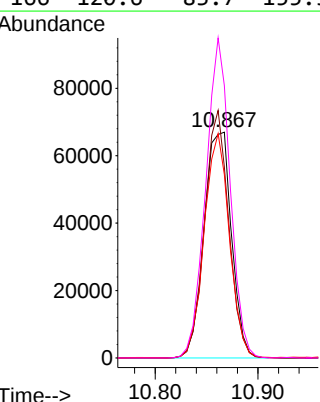
Delta R.T. 0.006 min

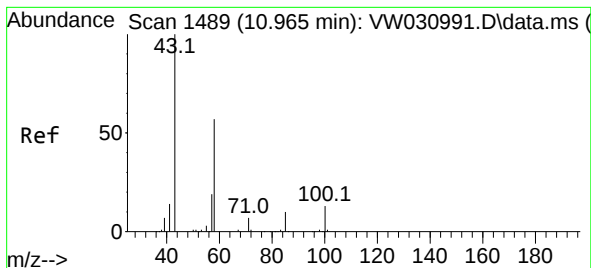
Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Tgt Ion:164 Resp: 124115

Ion	Ratio	Lower	Upper
164	100		
129	84.6	71.1	132.1
131	81.2	62.6	116.3
166	120.6	83.7	155.5





#48

2-Hexanone

Concen: 47.345 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 93061

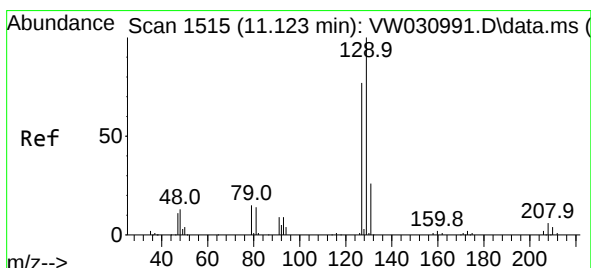
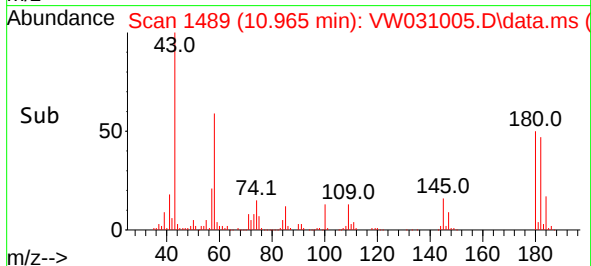
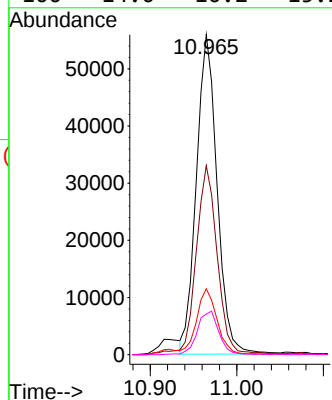
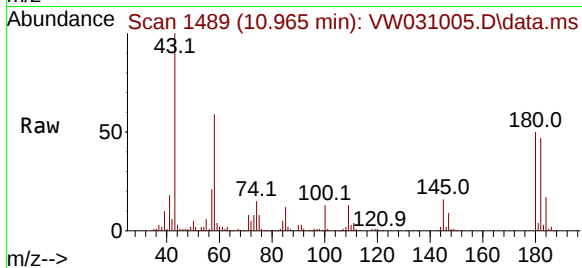
Ion Ratio Lower Upper

43 100

58 60.5 43.8 65.8

57 20.4 15.4 23.2

100 14.0 10.2 15.2



#49

Dibromochloromethane

Concen: 25.315 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW031005.D

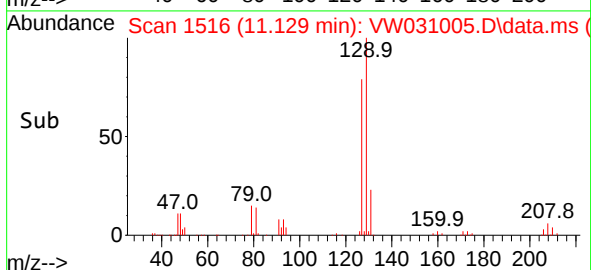
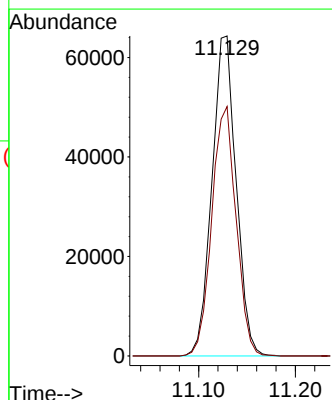
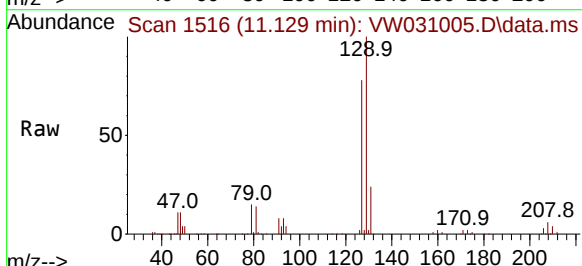
Acq: 13 Nov 2024 10:50

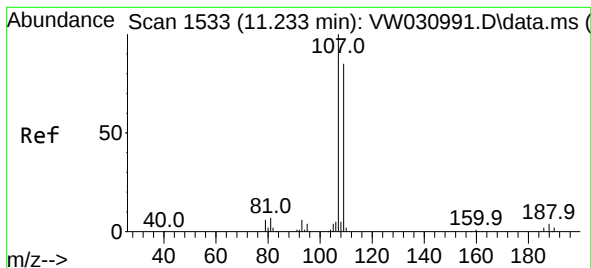
Tgt Ion:129 Resp: 111925

Ion Ratio Lower Upper

129 100

127 78.0 52.1 96.7





#50

1,2-Dibromoethane

Concen: 24.203 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031005.D

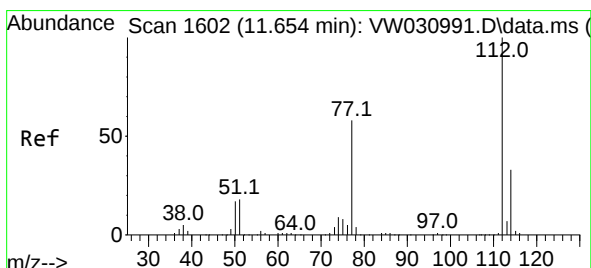
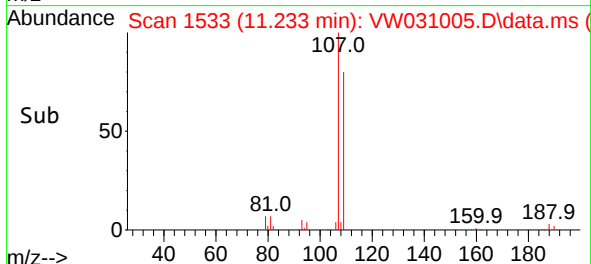
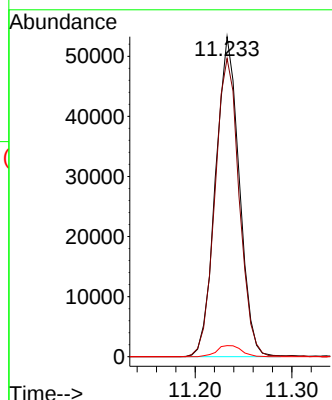
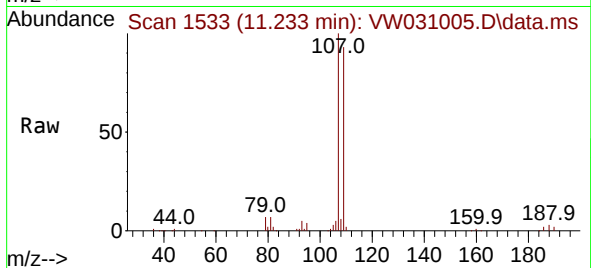
Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	90507
Ion	Ratio	Lower	Upper
107	100		
109	93.2	64.3	119.3
188	3.5	2.7	4.1



#51

Chlorobenzene

Concen: 25.208 ug/L

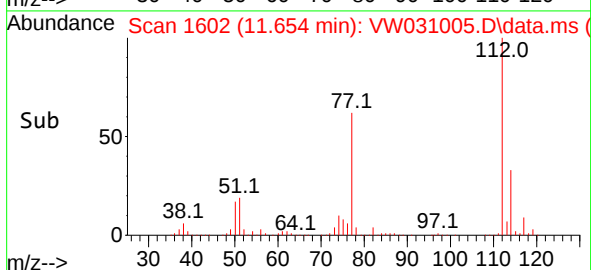
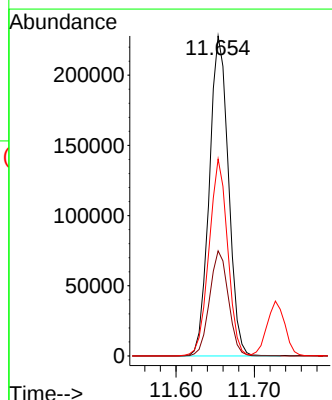
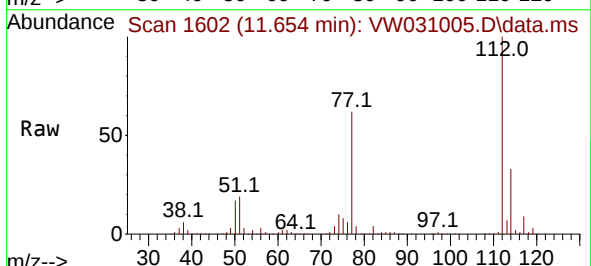
RT: 11.654 min Scan# 1602

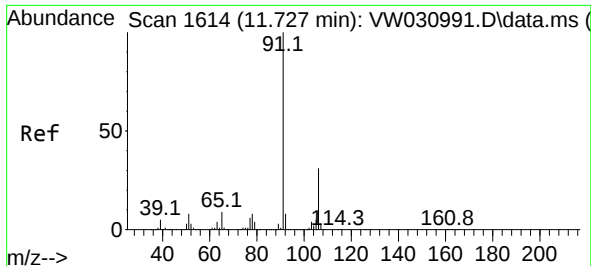
Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Tgt Ion:	112	Resp:	386183
Ion	Ratio	Lower	Upper
112	100		
114	32.9	21.9	40.7
77	61.6	45.3	67.9

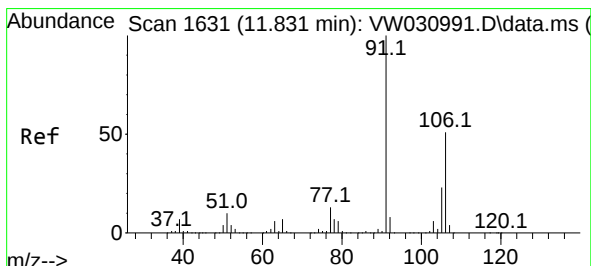
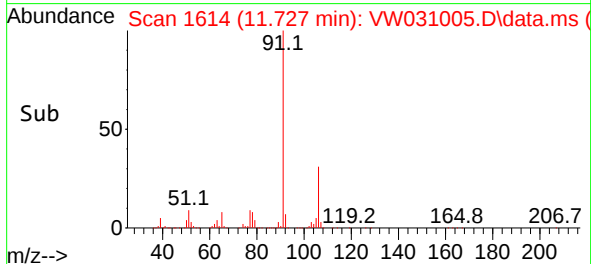
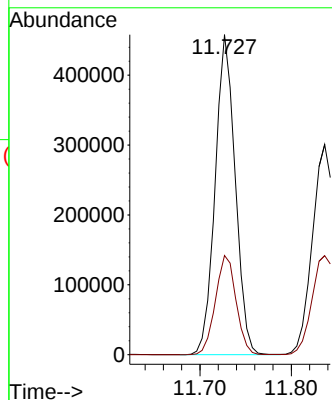
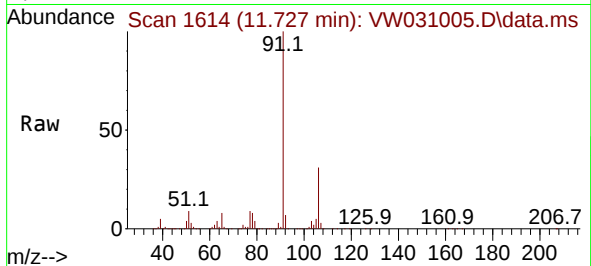




#52
Ethylbenzene
Concen: 25.827 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

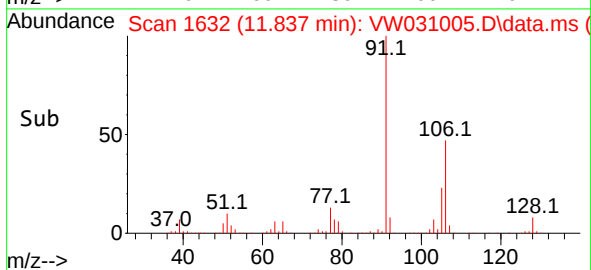
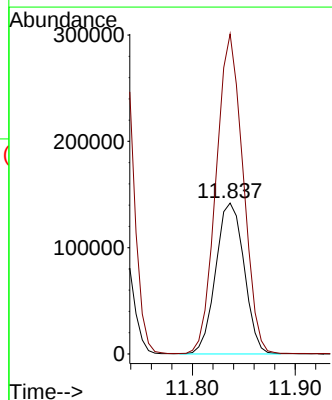
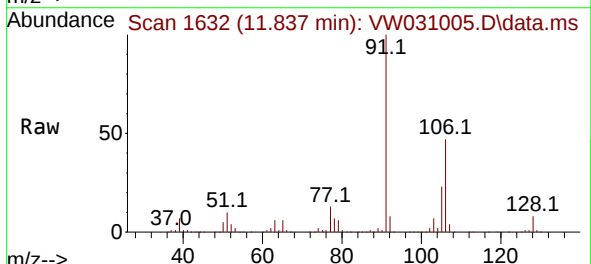
Instrument :
MSVOA_W
ClientSampleId :

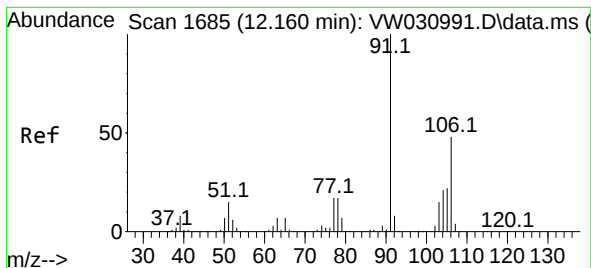
Tgt Ion: 91 Resp: 698538
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.0



#53
m,p-Xylene
Concen: 26.792 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion:106 Resp: 272538
Ion Ratio Lower Upper
106 100
91 212.2 140.7 261.3





#54

o-Xylene

Concen: 26.867 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

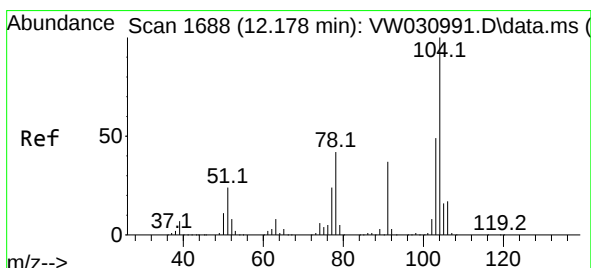
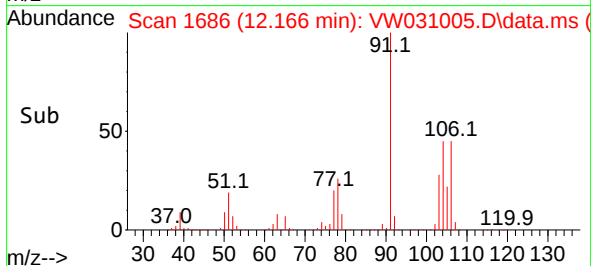
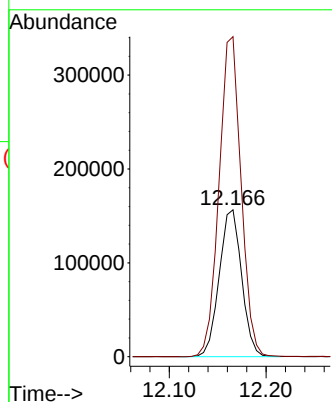
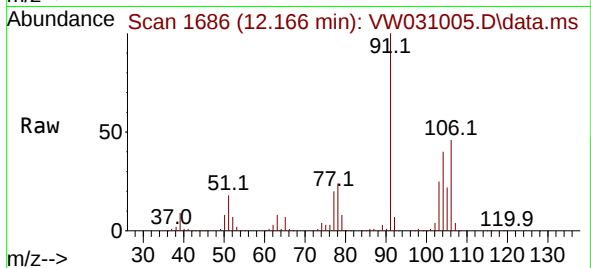
ClientSampleId :

Tgt Ion:106 Resp: 251476

Ion Ratio Lower Upper

106 100

91 217.7 149.9 278.3



#55

Styrene

Concen: 27.449 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031005.D

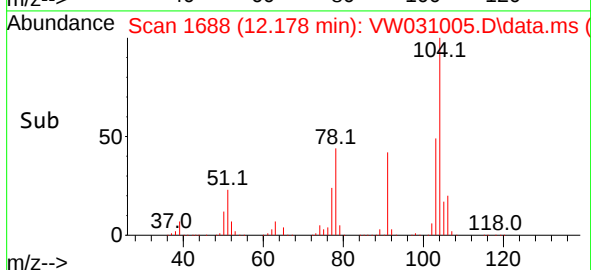
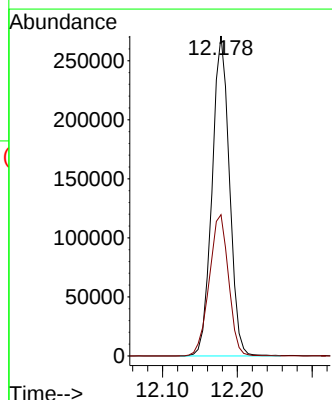
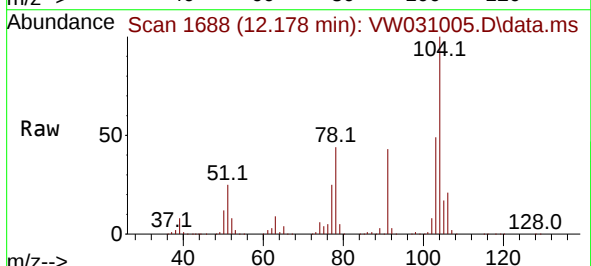
Acq: 13 Nov 2024 10:50

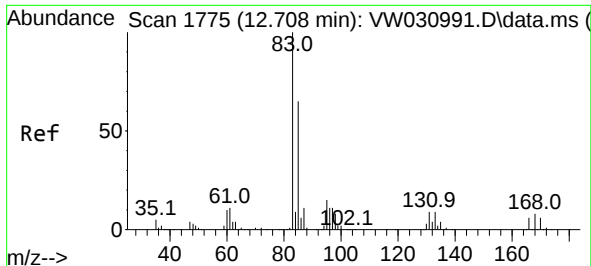
Tgt Ion:104 Resp: 438984

Ion Ratio Lower Upper

104 100

78 44.2 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.045 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

ClientSampleId :

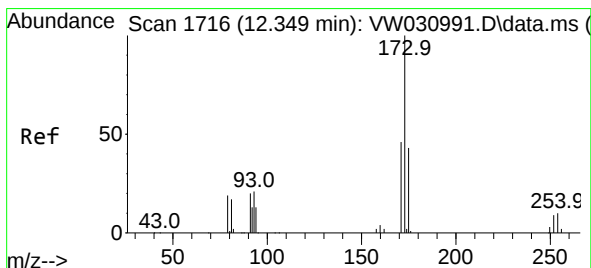
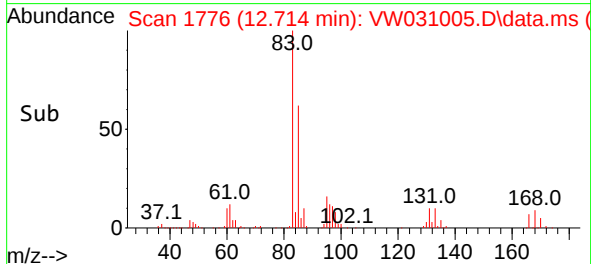
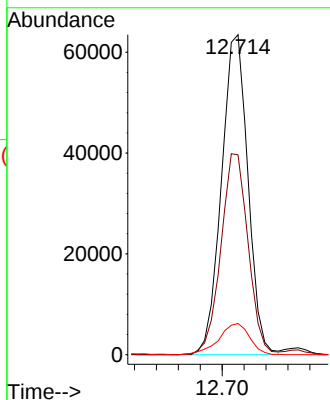
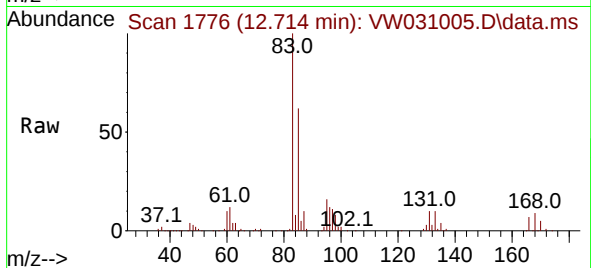
Tgt Ion: 83 Resp: 106408

Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.7

131 9.7 7.7 11.5



#59

Bromoform

Concen: 25.058 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

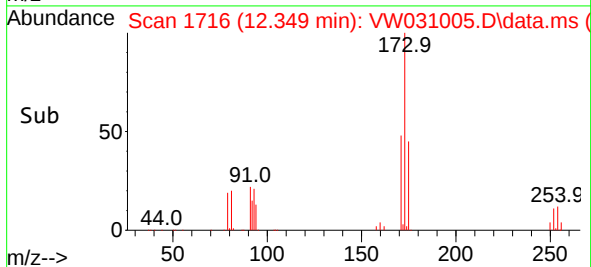
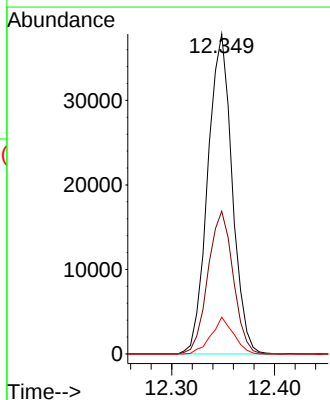
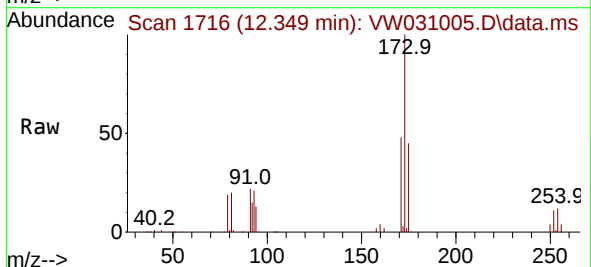
Tgt Ion:173 Resp: 62336

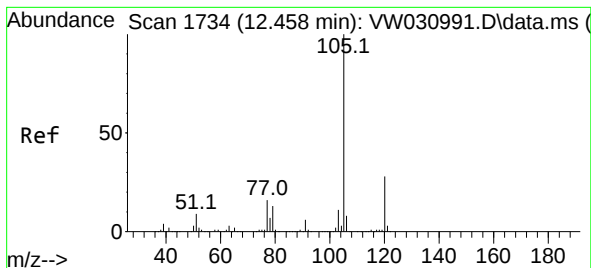
Ion Ratio Lower Upper

173 100

175 46.1 39.3 58.9

254 10.5 7.8 11.6





#60

Isopropylbenzene

Concen: 26.939 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

ClientSampleId :

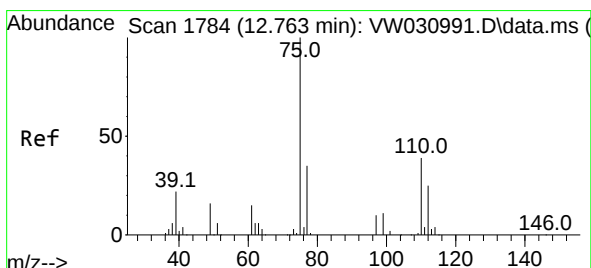
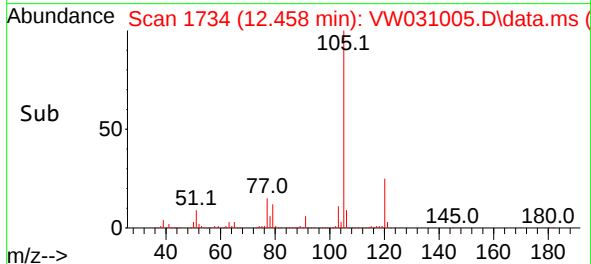
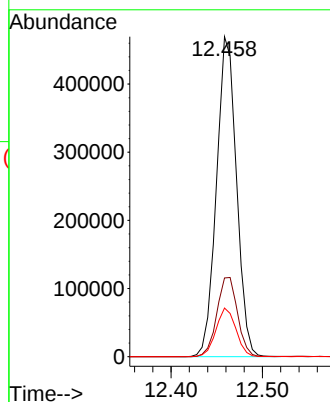
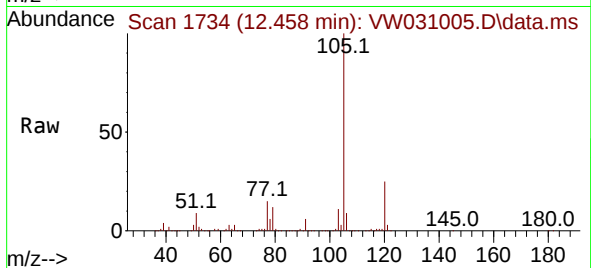
Tgt Ion:105 Resp: 715897

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 15.2 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 22.238 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

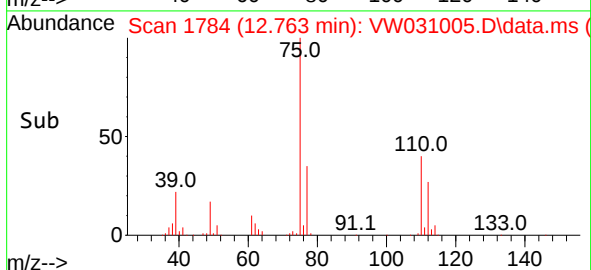
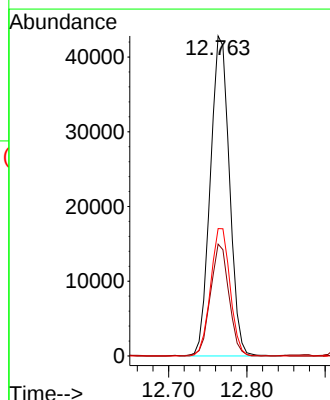
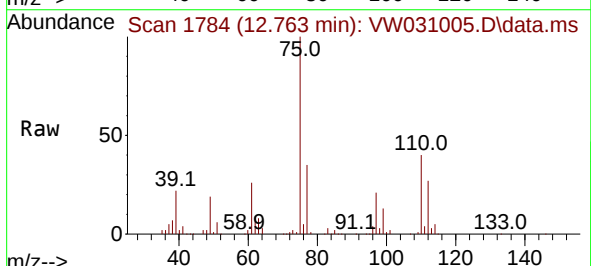
Tgt Ion: 75 Resp: 72634

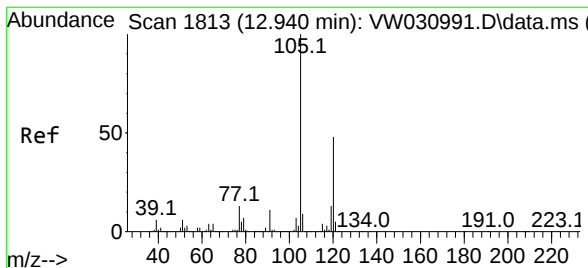
Ion Ratio Lower Upper

75 100

77 33.9 26.2 39.2

110 40.4 31.8 47.8

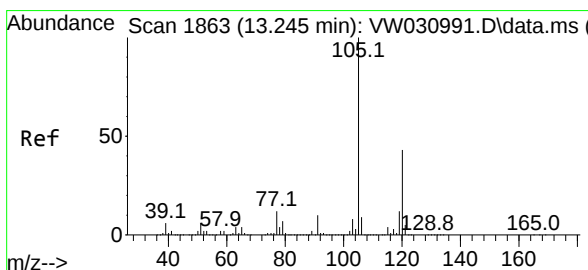
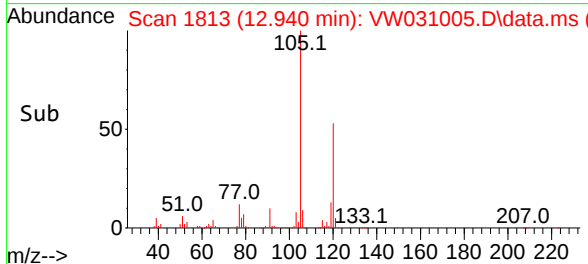
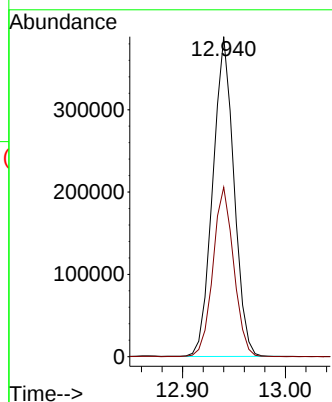
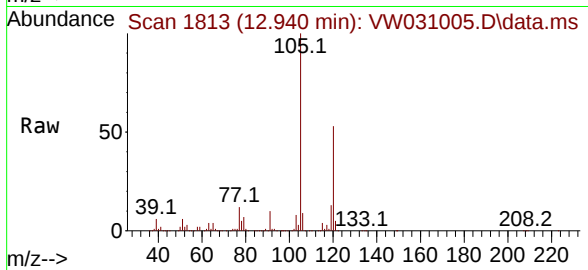




#62
1,3,5-Trimethylbenzene
Concen: 26.493 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

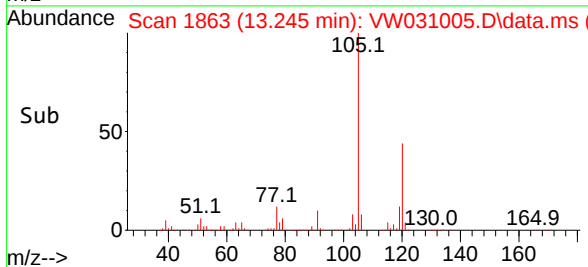
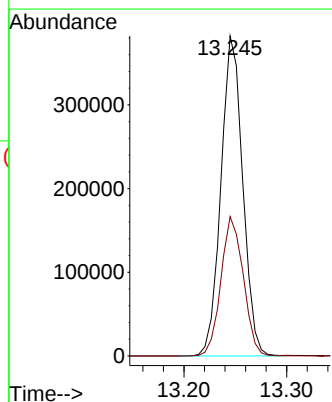
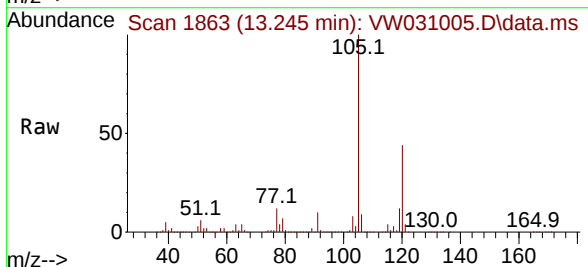
Instrument :
MSVOA_W
ClientSampleId :

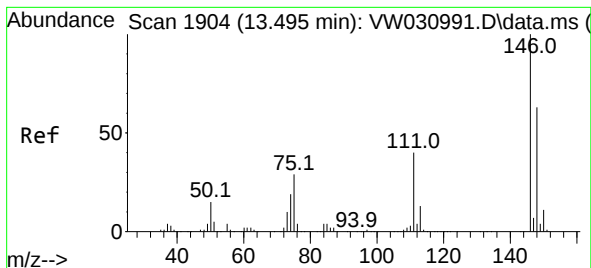
Tgt Ion:105 Resp: 554330
Ion Ratio Lower Upper
105 100
120 52.0 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 27.573 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion:105 Resp: 561826
Ion Ratio Lower Upper
105 100
120 44.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 26.215 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

ClientSampleId :

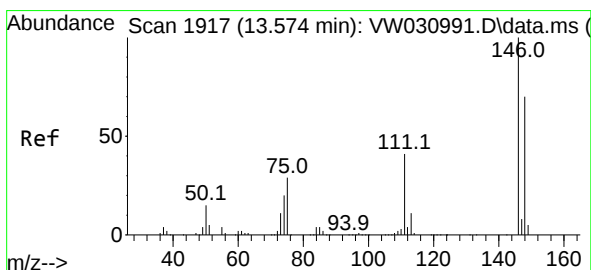
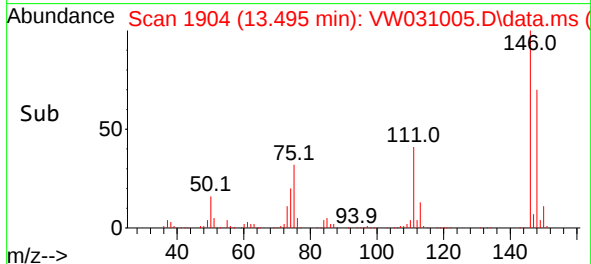
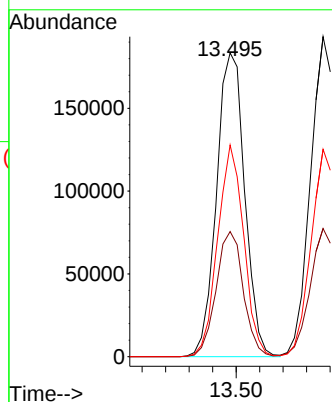
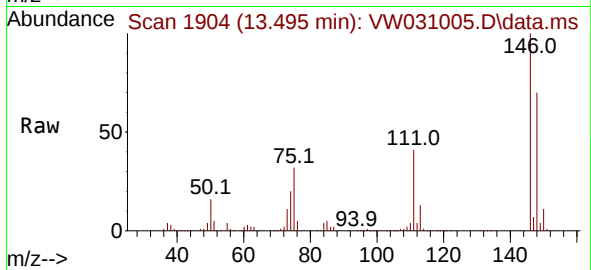
Tgt Ion:146 Resp: 305897

Ion Ratio Lower Upper

146 100

111 41.2 26.8 49.8

148 69.7 41.8 77.6



#65

1,4-Dichlorobenzene

Concen: 26.042 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

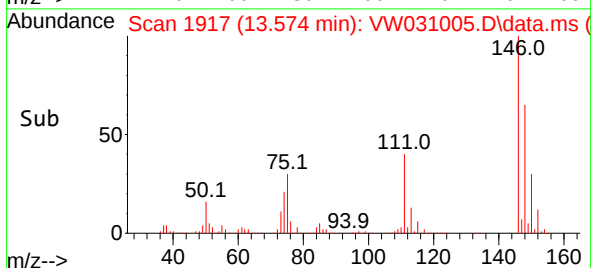
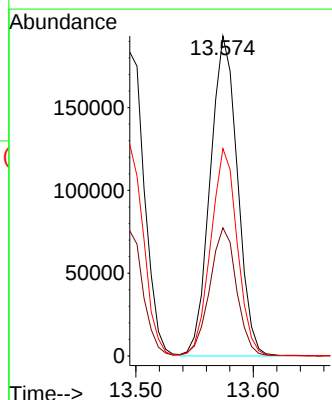
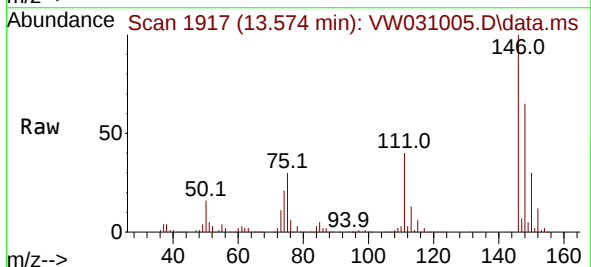
Tgt Ion:146 Resp: 311968

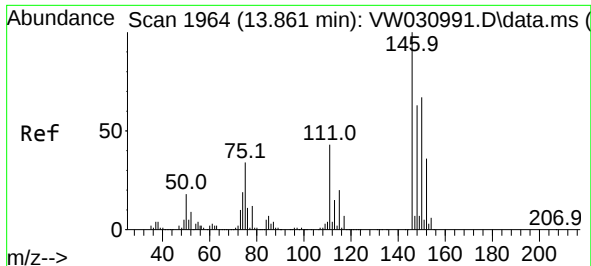
Ion Ratio Lower Upper

146 100

111 40.1 27.6 51.4

148 64.8 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 24.955 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

ClientSampleId :

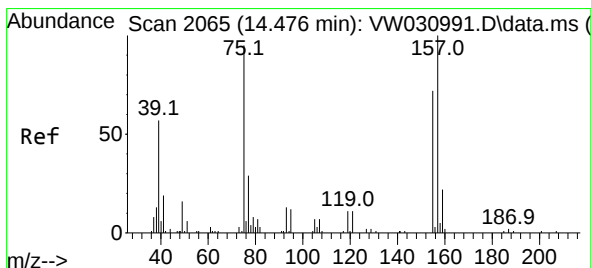
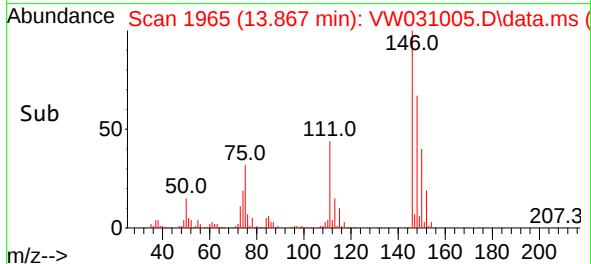
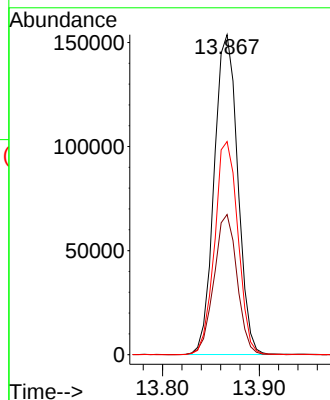
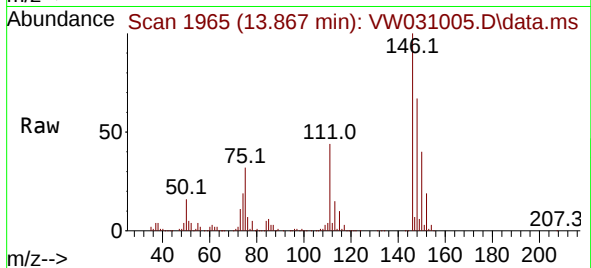
Tgt Ion:146 Resp: 259528

Ion Ratio Lower Upper

146 100

111 43.8 34.3 51.5

148 66.6 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.800 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

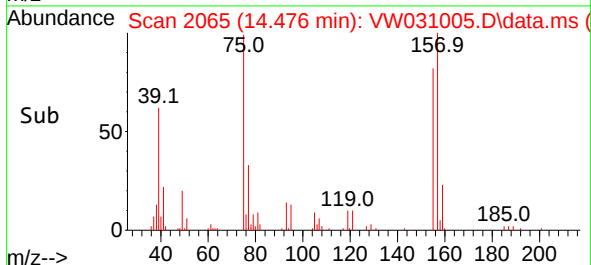
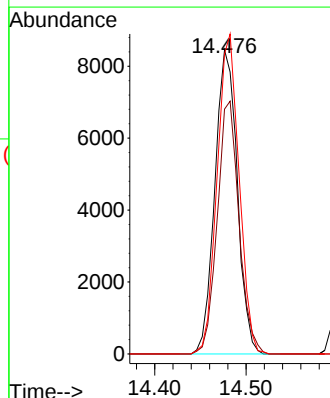
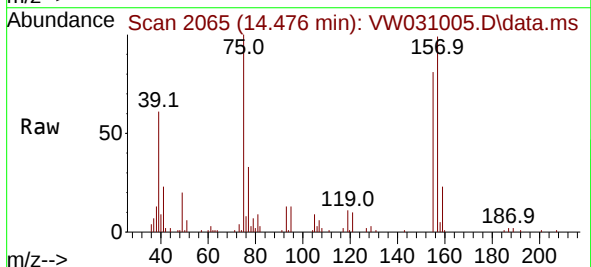
Tgt Ion: 75 Resp: 14383

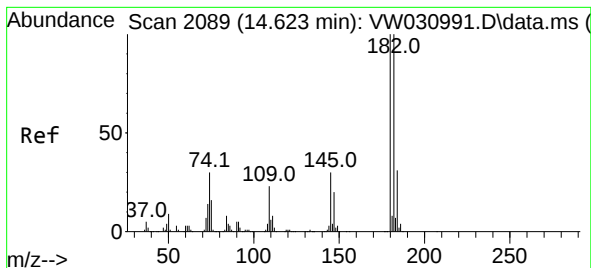
Ion Ratio Lower Upper

75 100

155 80.5 56.2 84.2

157 98.6 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 26.983 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 208936

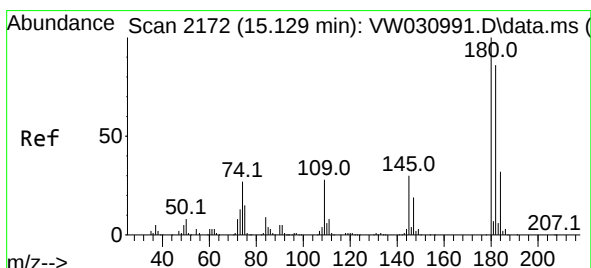
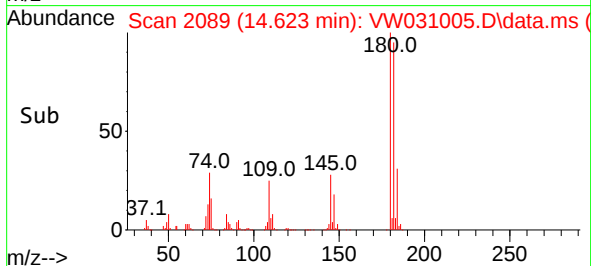
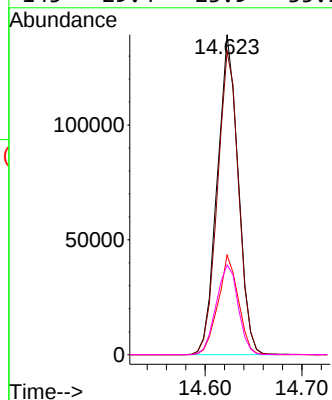
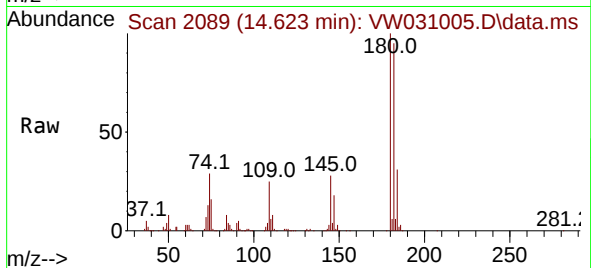
Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

184 30.2 23.9 35.9

145 29.4 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 25.820 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031005.D

Acq: 13 Nov 2024 10:50

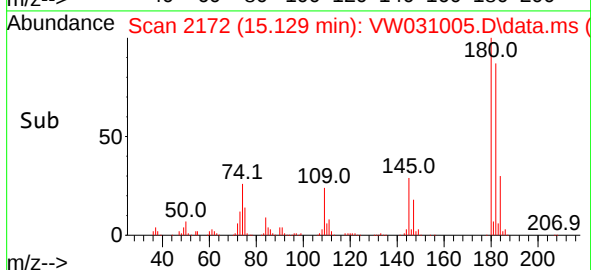
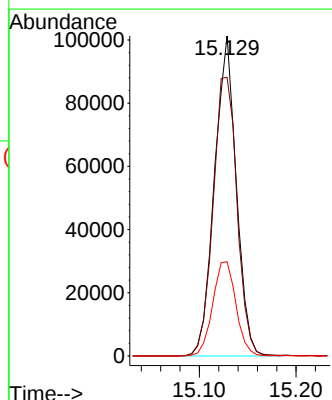
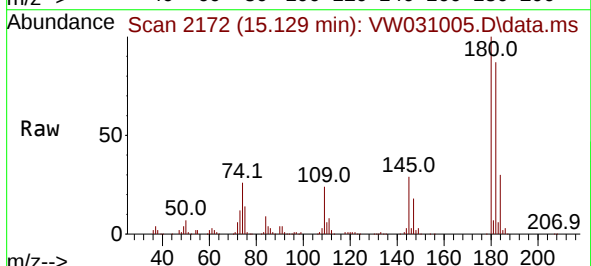
Tgt Ion:180 Resp: 158749

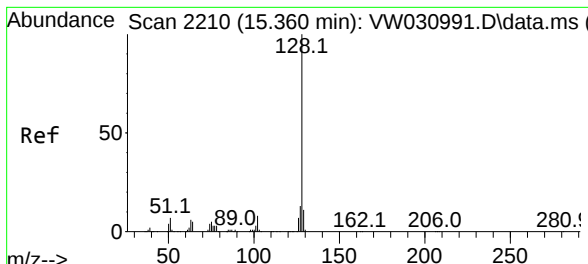
Ion Ratio Lower Upper

180 100

182 95.5 74.5 111.7

145 31.4 24.2 36.2



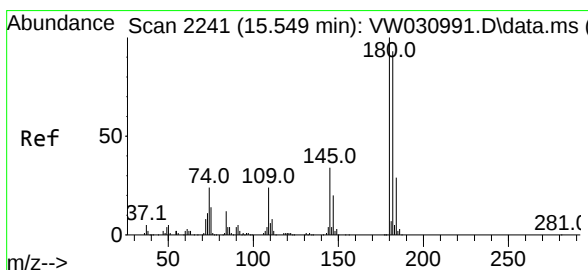
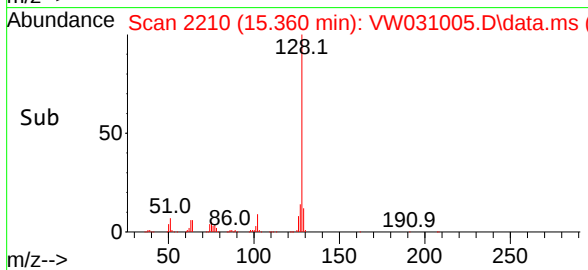
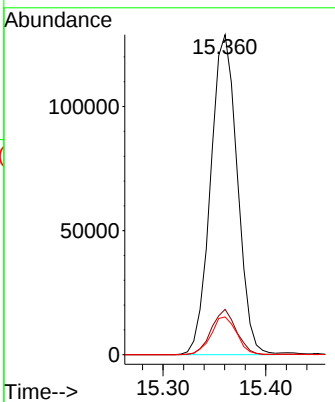
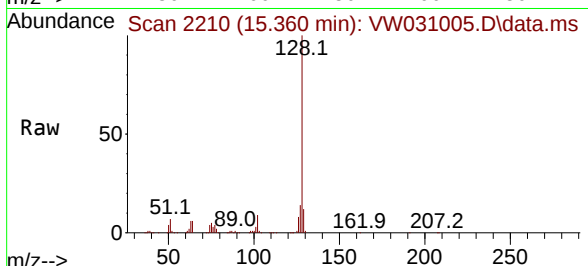


#71
Naphthalene
Concen: 23.350 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 232739

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.4	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.631 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW031005.D
Acq: 13 Nov 2024 10:50

Tgt Ion:180 Resp: 135813

Ion	Ratio	Lower	Upper
180	100		
182	95.2	79.2	118.8
145	32.8	27.0	40.6

