

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100224\
 Data File : VW030345.D
 Acq On : 02 Oct 2024 23:16
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:15:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 03 04:10:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	177221	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	160500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	81434	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	34491	24.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.640%
7) Chloroethane-d5	2.899	69	28587	28.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.480%
11) 1,1-Dichloroethene-d2	4.021	65	22276	22.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.160%
21) 2-Butanone-d5	7.087	46	26787	48.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.200%
24) Chloroform-d	7.648	84	109732	23.048	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	8.307	65	58631	23.593	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.360%
32) Benzene-d6	8.276	84	205431	22.837	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	9.276	67	64741	23.929	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.325	98	187022	22.673	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.680%
43) trans-1,3-Dichloroprop...	10.581	79	25801	22.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.720%
47) 2-Hexanone-d5	10.922	63	22368	50.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	50308	24.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	60460	22.362	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	42085	21.726	ug/L	98
3) Chloromethane	2.222	50	41164	27.126	ug/L	97
5) Vinyl chloride	2.375	62	45834	28.412	ug/L	95
6) Bromomethane	2.789	94	28126	26.195	ug/L	91
8) Chloroethane	2.936	64	25915	29.445	ug/L	97
9) Trichlorofluoromethane	3.271	101	51354	24.712	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	48786	23.564	ug/L	95
12) 1,1-Dichloroethene	4.045	96	46010	22.346	ug/L	92
13) Acetone	4.131	43	24816	42.006	ug/L	99
14) Carbon disulfide	4.393	76	152277	22.240	ug/L	99
15) Methyl Acetate	4.673	43	24128	25.040	ug/L	98
16) Methylene chloride	4.923	84	57148	20.951	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	52936	22.148	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	86736	22.816	ug/L	98
19) 1,1-Dichloroethane	6.222	63	106711	23.444	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	59066	22.367	ug/L	98
22) 2-Butanone	7.173	43	35074	46.442	ug/L	94
23) Bromochloromethane	7.514	128	25266	21.916	ug/L	94
25) Chloroform	7.679	83	109291	23.152	ug/L	100

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 Response via : Initial Calibration

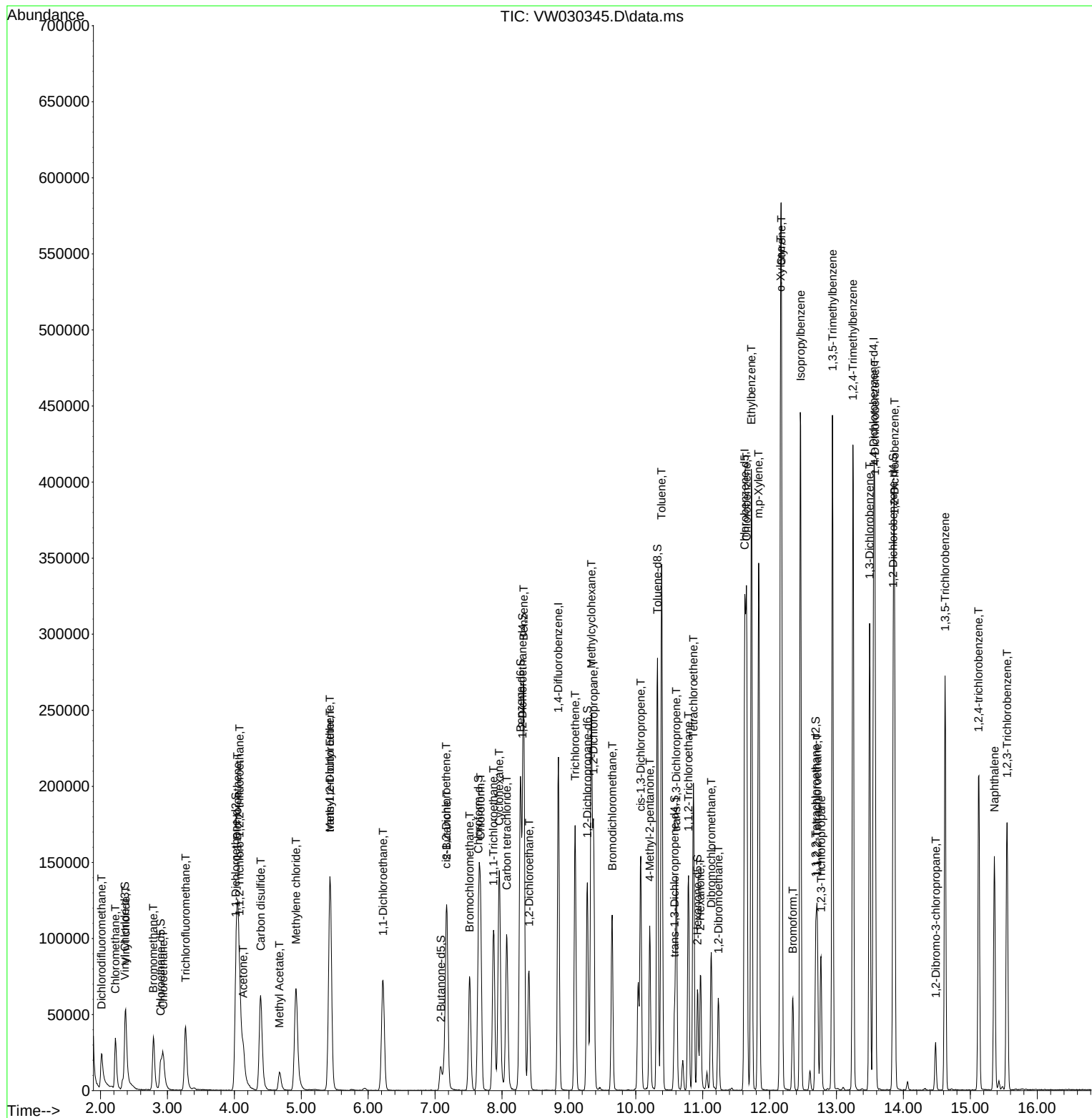
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	73882	23.600	ug/L	100
29) Cyclohexane	7.959	56	85405	24.139	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	89327	24.026	ug/L	98
31) Carbon tetrachloride	8.069	117	78135	23.514	ug/L	98
33) Benzene	8.325	78	233191	23.854	ug/L	100
34) Trichloroethene	9.093	95	61318	23.581	ug/L	94
35) Methylcyclohexane	9.337	83	95864	24.023	ug/L	97
37) 1,2-Dichloropropane	9.368	63	63179	24.495	ug/L	100
38) Bromodichloromethane	9.648	83	77899	24.055	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	93284	23.587	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	70563	53.188	ug/L	97
42) Toluene	10.386	91	252661	24.142	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	77720	23.716	ug/L	93
45) 1,1,2-Trichloroethane	10.788	97	43127	23.727	ug/L	91
46) Tetrachloroethene	10.861	164	44009	22.627	ug/L	93
48) 2-Hexanone	10.965	43	51136	52.345	ug/L	96
49) Dibromochloromethane	11.129	129	47716	23.327	ug/L	92
50) 1,2-Dibromoethane	11.233	107	40777	23.709	ug/L	100
51) Chlorobenzene	11.654	112	155253	22.956	ug/L	93
52) Ethylbenzene	11.727	91	286011	24.124	ug/L	98
53) m,p-Xylene	11.837	106	106725	24.114	ug/L	100
54) o-Xylene	12.166	106	100553	23.870	ug/L	98
55) Styrene	12.178	104	175184	24.378	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	51960	24.408	ug/L	97
59) Bromoform	12.349	173	28232	23.930	ug/L	100
60) Isopropylbenzene	12.465	105	283622	24.538	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	38605	24.937	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	228681	24.460	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	227174	24.593	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	119526	23.140	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	119337	22.615	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	106714	23.173	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	8046	22.684	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	80461	22.569	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	62975	21.335	ug/L	97
71) Naphthalene	15.360	128	128827	23.861	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	58655	22.702	ug/L	99

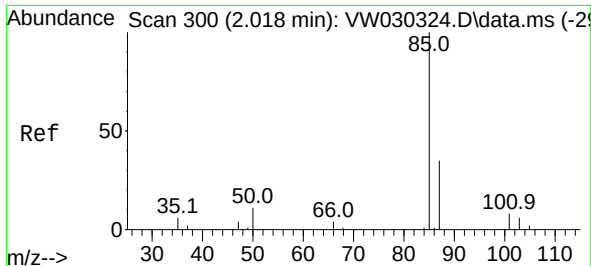
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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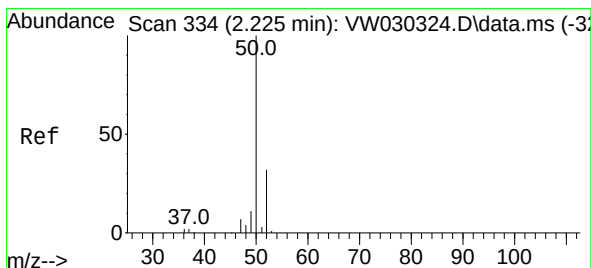
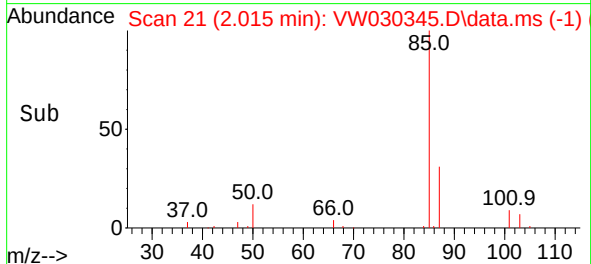
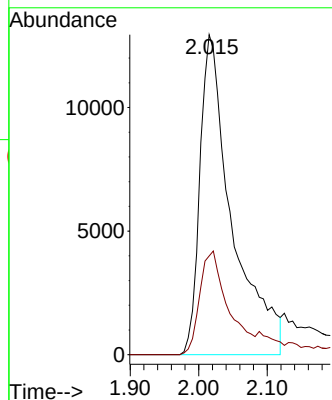
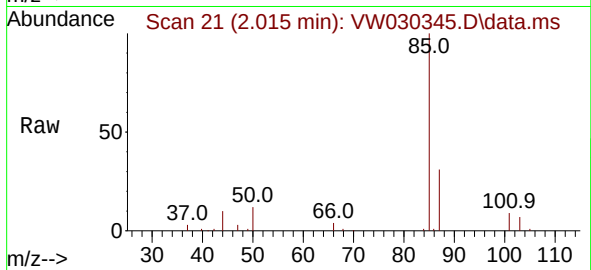




#2
Dichlorodifluoromethane
Concen: 21.726 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

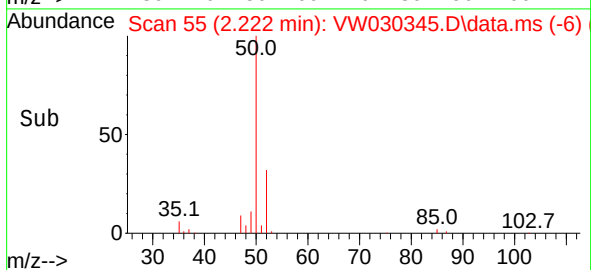
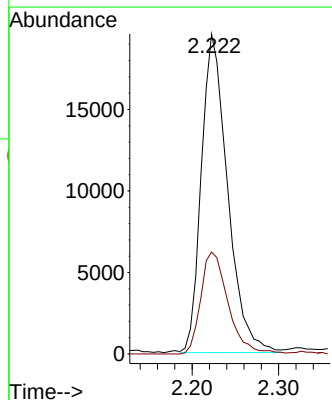
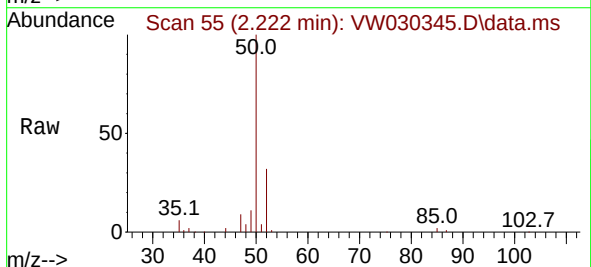
Instrument :
MSVOA_W
ClientSampleId :

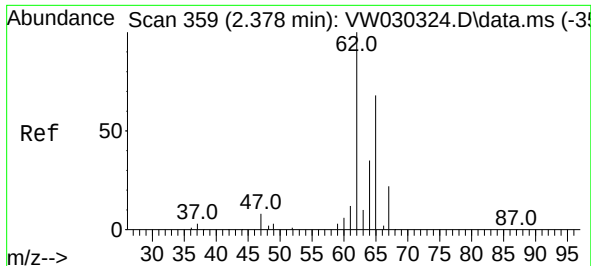
Tgt Ion: 85 Resp: 42085
Ion Ratio Lower Upper
85 100
87 29.0 24.0 36.0



#3
Chloromethane
Concen: 27.126 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

Tgt Ion: 50 Resp: 41164
Ion Ratio Lower Upper
50 100
52 31.9 23.5 43.7

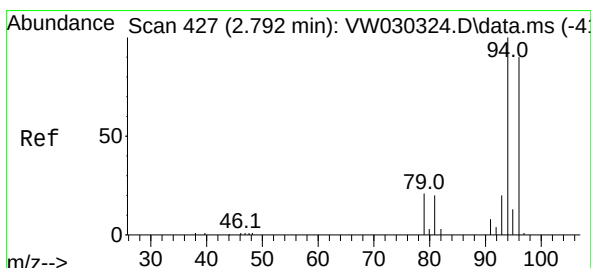
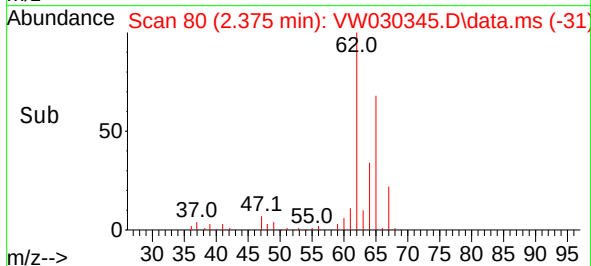
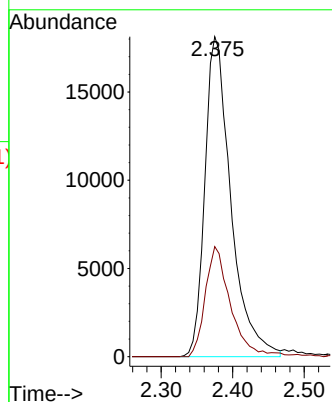
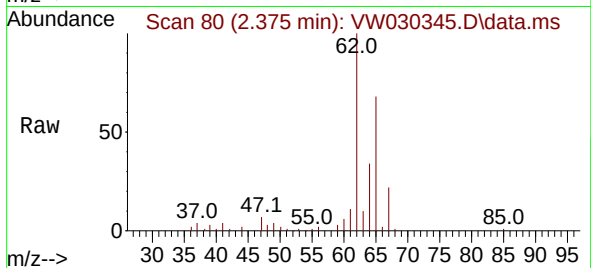




#5
Vinyl chloride
Concen: 28.412 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

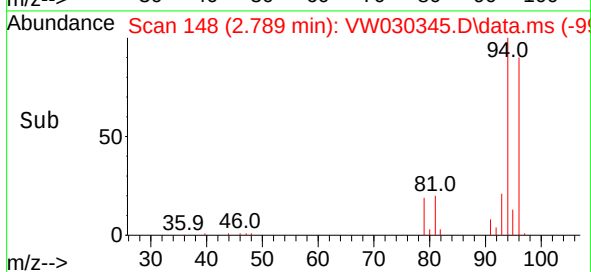
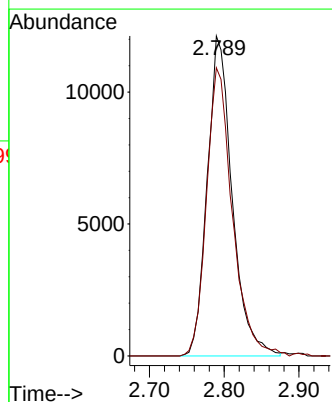
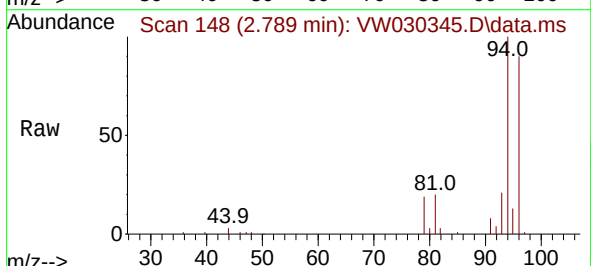
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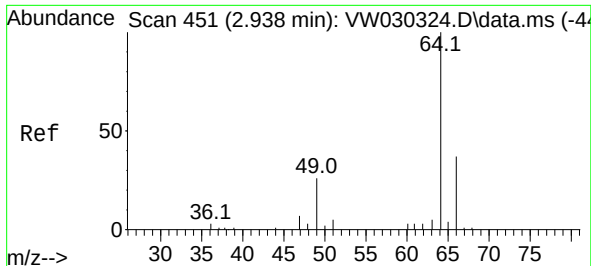
Tgt Ion: 62 Resp: 45834
Ion Ratio Lower Upper
62 100
64 34.4 22.1 41.1



#6
Bromomethane
Concen: 26.195 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

Tgt Ion: 94 Resp: 28126
Ion Ratio Lower Upper
94 100
96 90.0 69.7 129.4

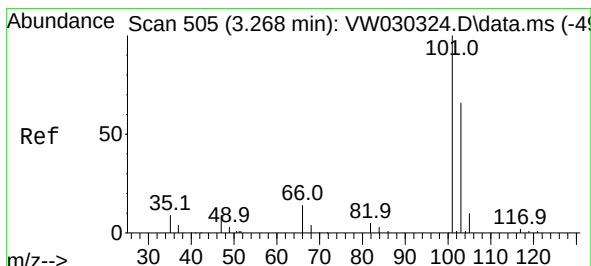
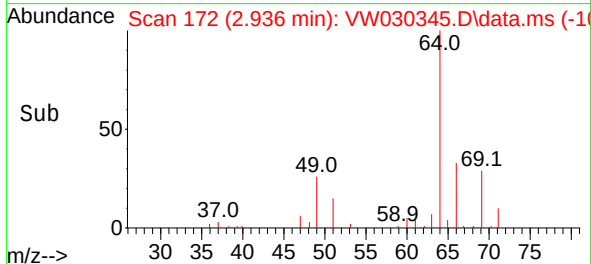
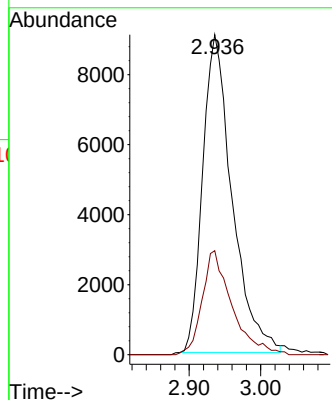
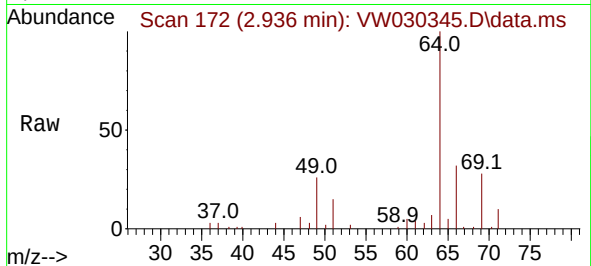




#8
Chloroethane
Concen: 29.445 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

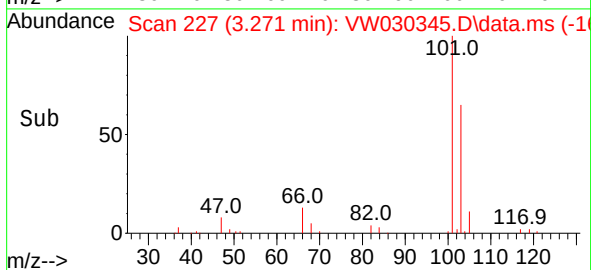
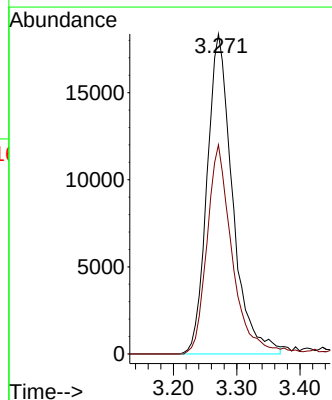
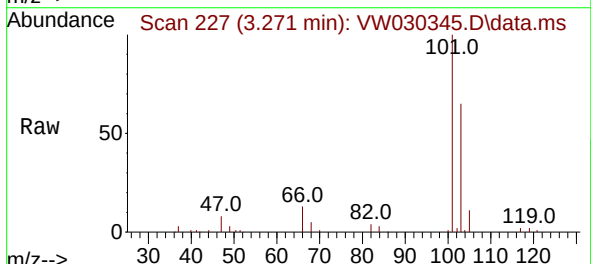
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ClientSampleId :

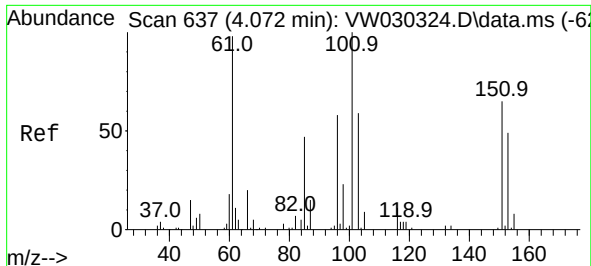
Tgt Ion: 64 Resp: 25915
Ion Ratio Lower Upper
64 100
66 32.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 24.712 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

Tgt Ion:101 Resp: 51354
Ion Ratio Lower Upper
101 100
103 64.4 50.2 75.4

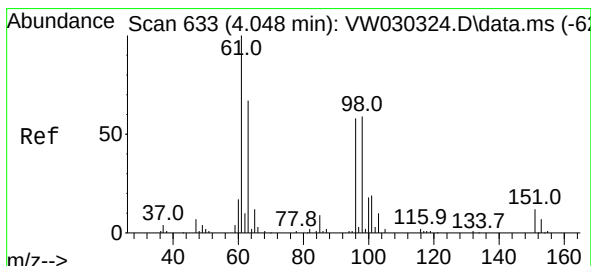
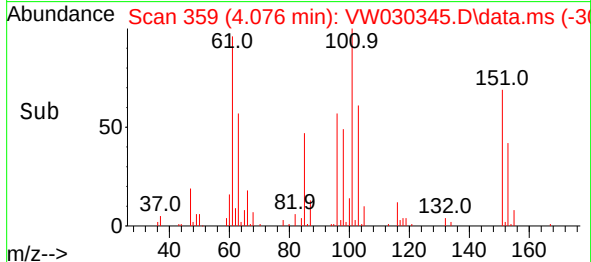
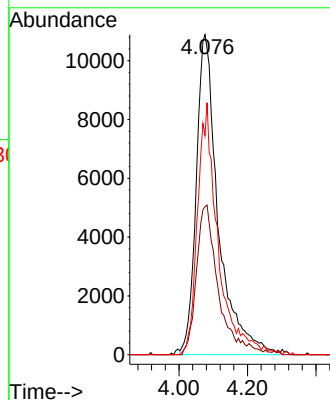
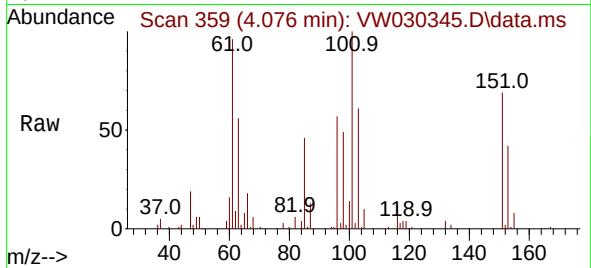




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.564 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.003 min
 Lab File: VW030345.D
 Acq: 02 Oct 2024 23:16

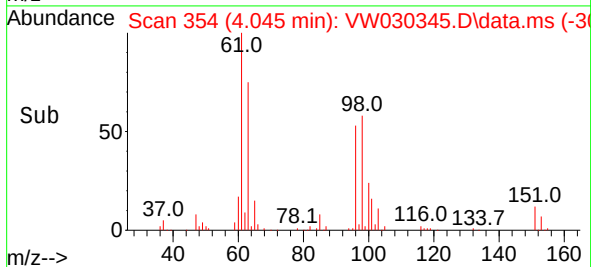
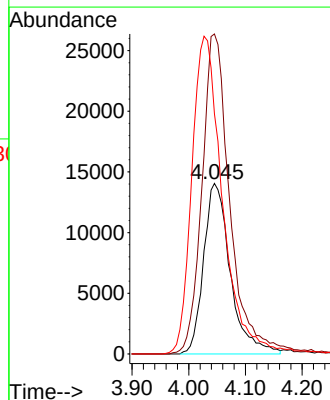
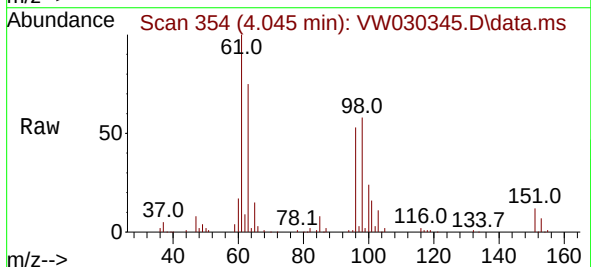
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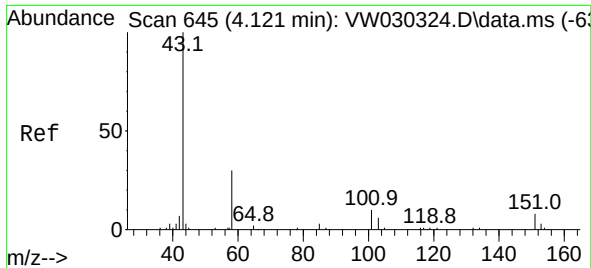
Tgt Ion:101 Resp: 48786
 Ion Ratio Lower Upper
 101 100
 85 43.5 30.5 45.7
 151 68.8 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 22.346 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.003 min
 Lab File: VW030345.D
 Acq: 02 Oct 2024 23:16

Tgt Ion: 96 Resp: 46010
 Ion Ratio Lower Upper
 96 100
 61 187.7 120.1 223.1
 63 140.8 94.8 176.2

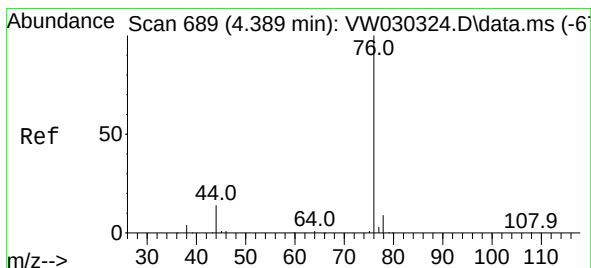
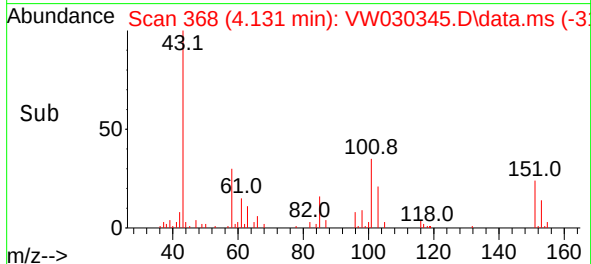
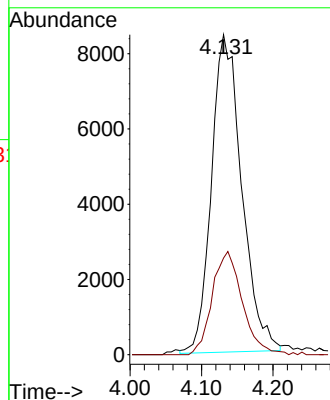
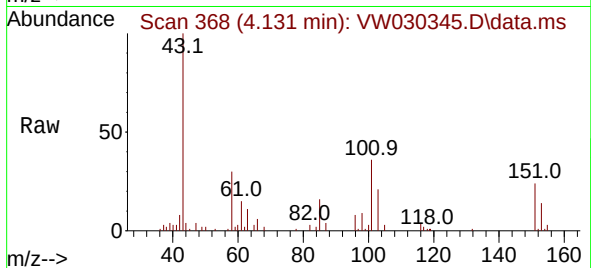




#13
Acetone
Concen: 42.006 ug/L
RT: 4.131 min Scan# 301
Delta R.T. 0.010 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

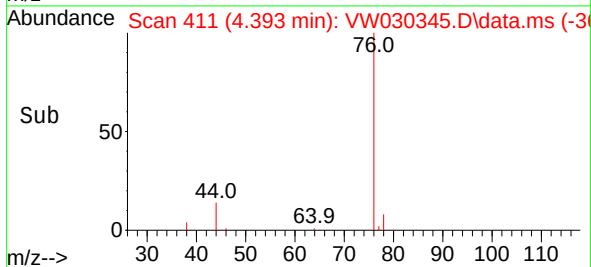
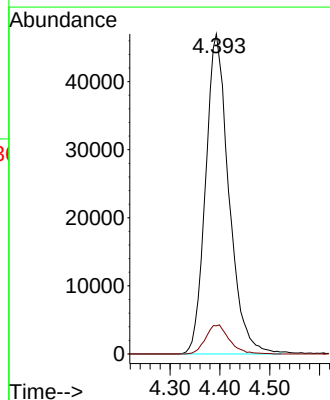
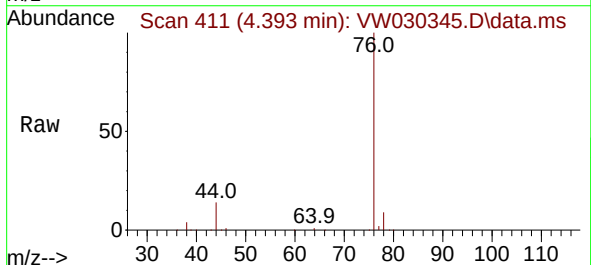
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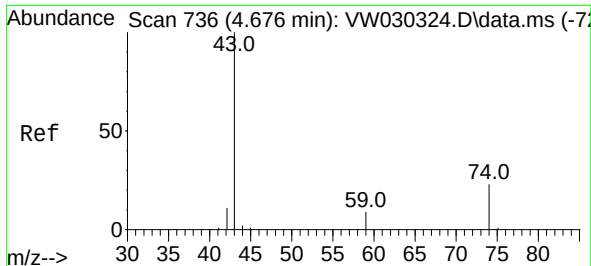
Tgt Ion: 43 Resp: 24816
Ion Ratio Lower Upper
43 100
58 32.4 0.0 64.0



#14
Carbon disulfide
Concen: 22.240 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 152277
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

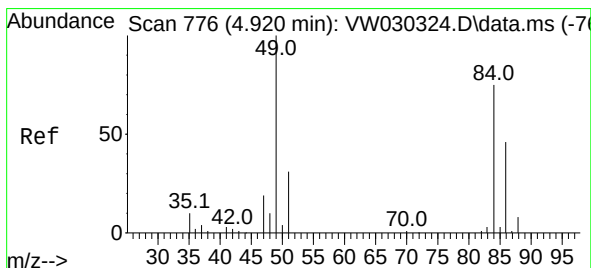
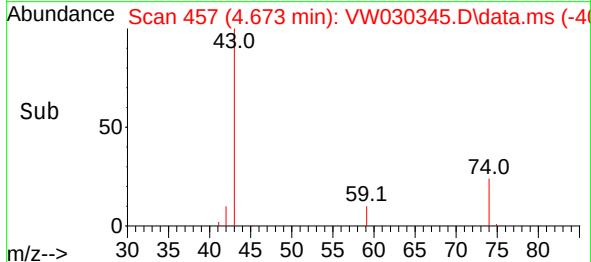
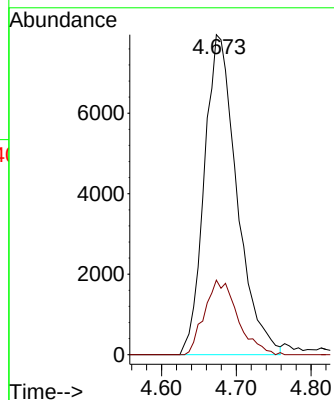
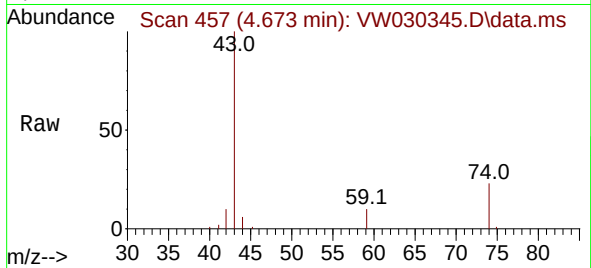




#15
Methyl Acetate
Concen: 25.040 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

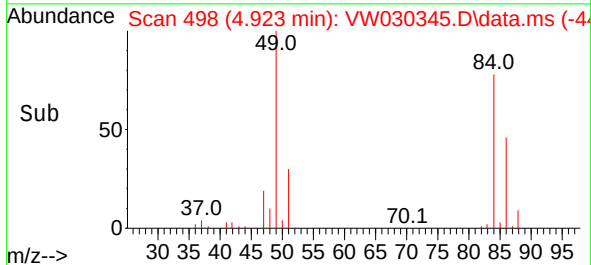
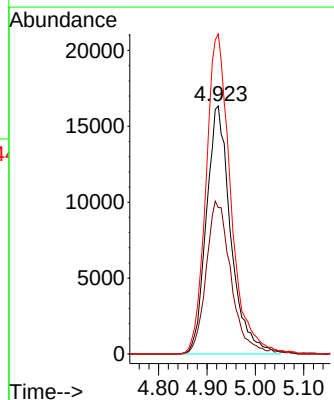
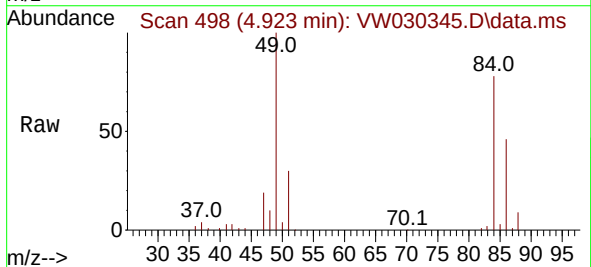
Instrument :
MSVOA_W
ClientSampleId :

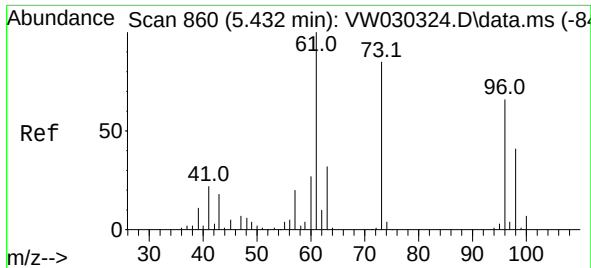
Tgt Ion: 43 Resp: 24128
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.6



#16
Methylene chloride
Concen: 20.951 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

Tgt Ion: 84 Resp: 57148
Ion Ratio Lower Upper
84 100
86 59.0 44.8 83.2
49 129.0 83.6 155.2

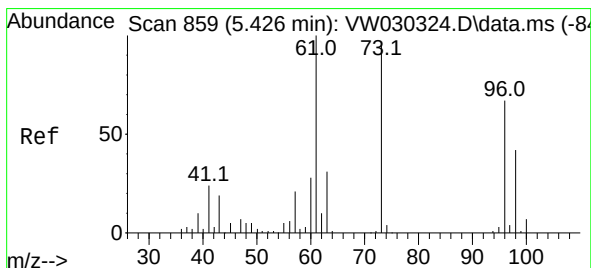
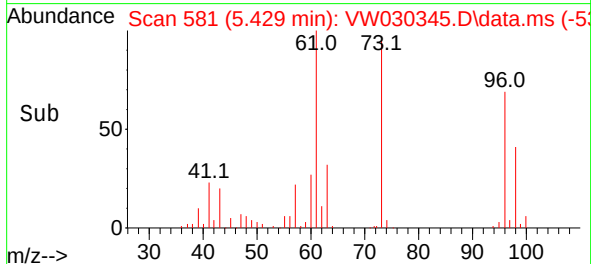
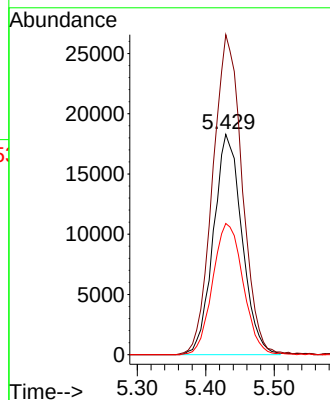
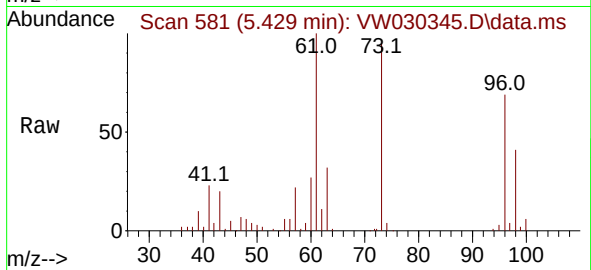




#17
trans-1,2-Dichloroethene
Concen: 22.148 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

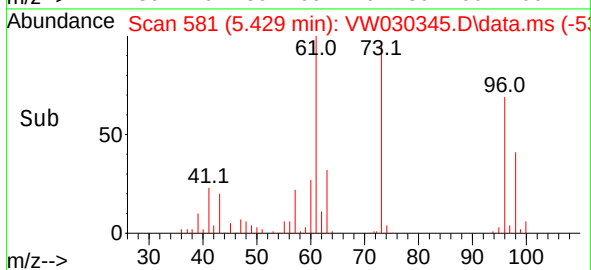
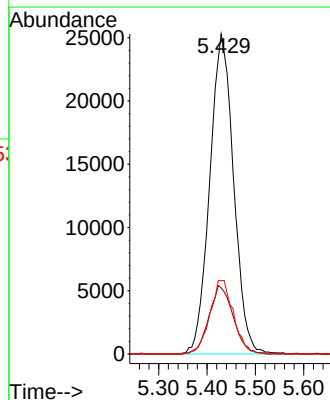
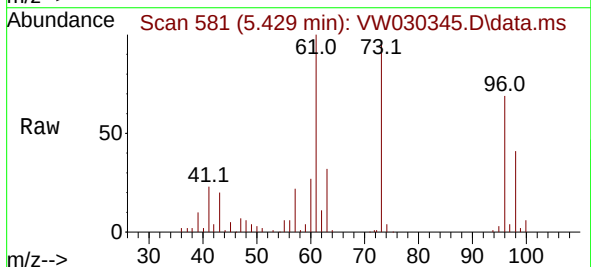
Instrument :
MSVOA_W
ClientSampleId :

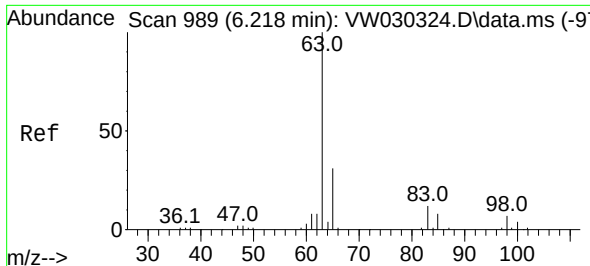
Tgt Ion: 96 Resp: 52936
Ion Ratio Lower Upper
96 100
61 145.2 100.3 186.3
98 59.6 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 22.816 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

Tgt Ion: 73 Resp: 86736
Ion Ratio Lower Upper
73 100
43 21.4 15.9 23.9
57 22.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 23.444 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

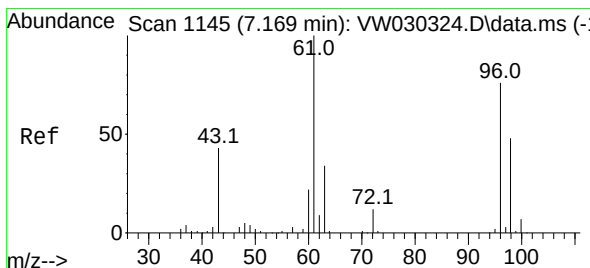
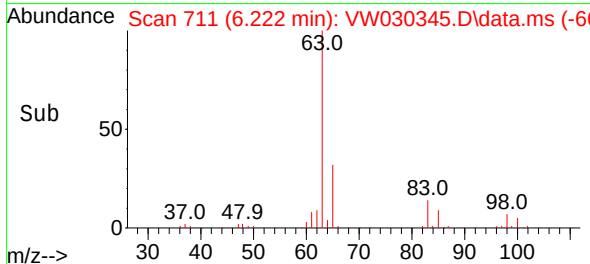
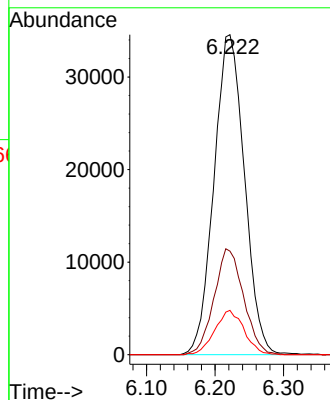
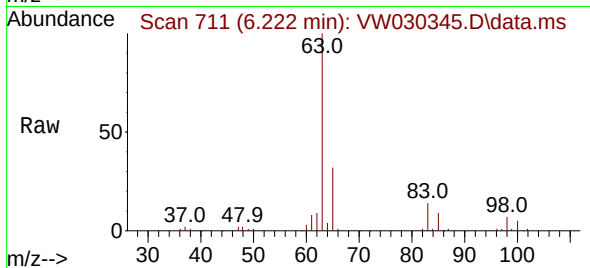
Tgt Ion: 63 Resp: 106711

Ion Ratio Lower Upper

63 100

65 32.4 20.7 38.5

83 13.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 22.367 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

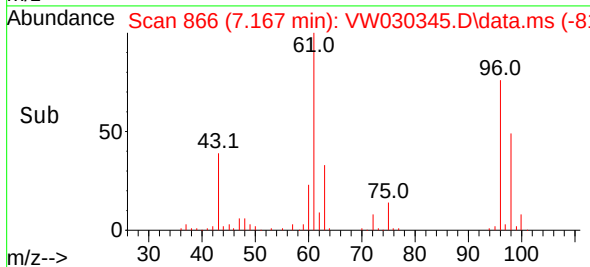
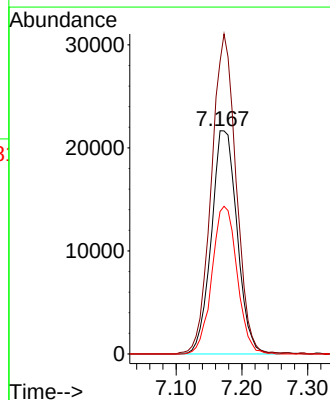
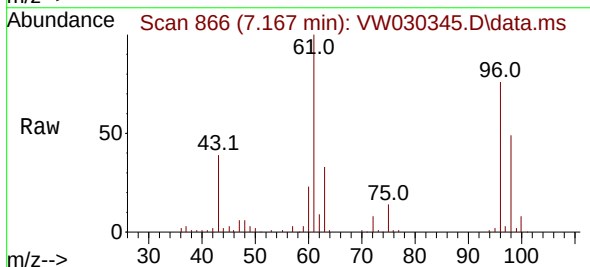
Tgt Ion: 96 Resp: 59066

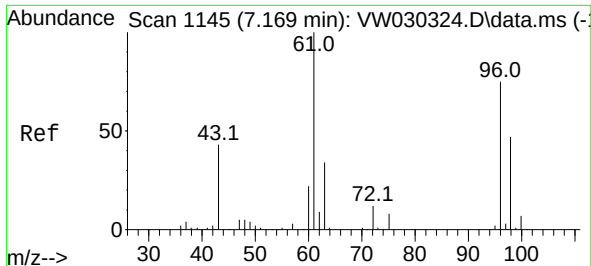
Ion Ratio Lower Upper

96 100

61 130.9 92.0 170.9

98 63.8 41.9 77.9





#22

2-Butanone

Concen: 46.442 ug/L

RT: 7.173 min Scan# 8

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

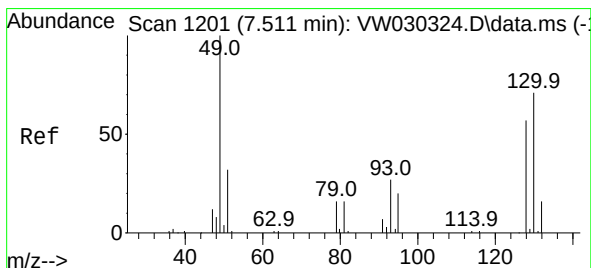
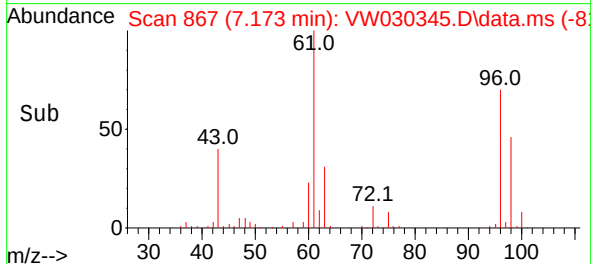
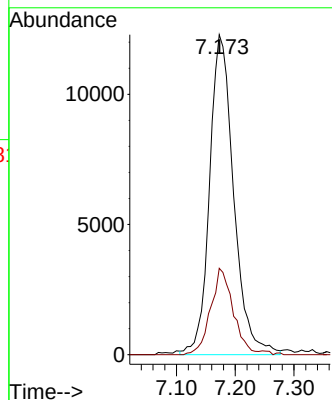
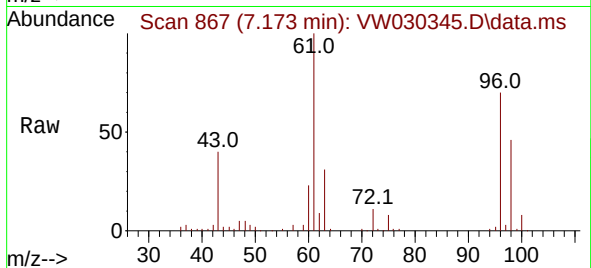
ClientSampleId :

Tgt Ion: 43 Resp: 35074

Ion Ratio Lower Upper

43 100

72 25.2 14.1 42.3



#23

Bromochloromethane

Concen: 21.916 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Tgt Ion:128 Resp: 25266

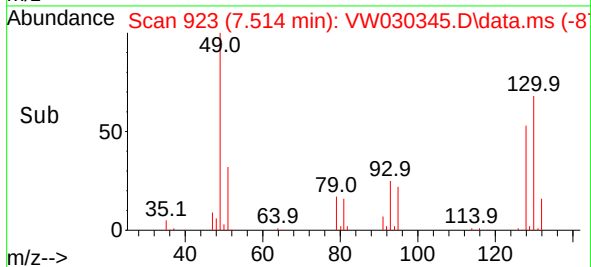
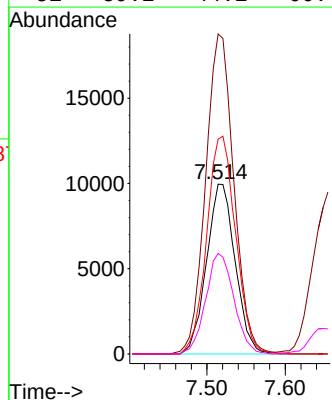
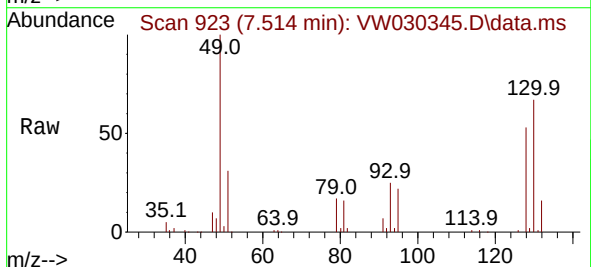
Ion Ratio Lower Upper

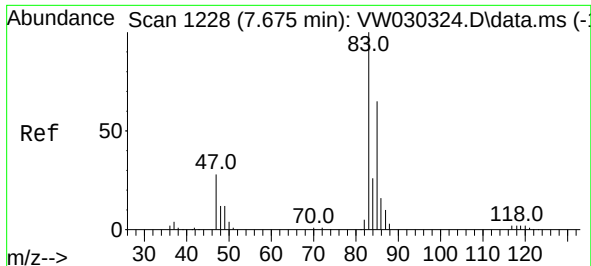
128 100

49 188.5 123.1 228.5

130 126.5 89.2 165.6

51 59.2 44.2 66.4





#25

Chloroform

Concen: 23.152 ug/L

RT: 7.679 min Scan# 90

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

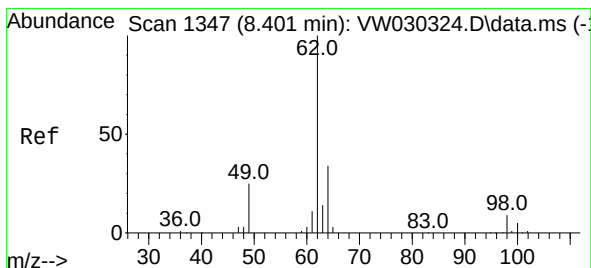
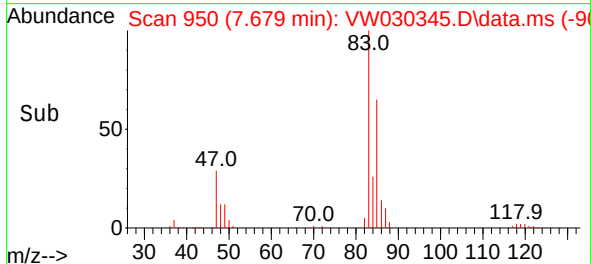
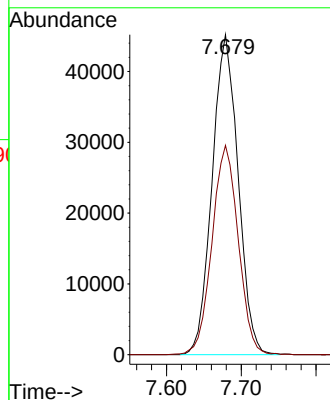
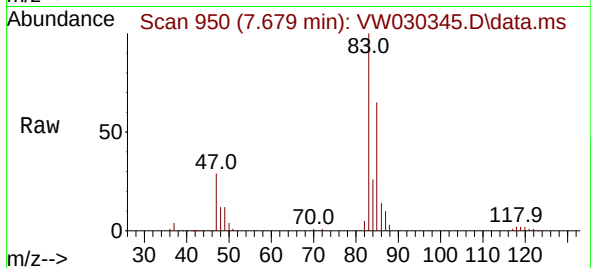
ClientSampleId :

Tgt Ion: 83 Resp: 109291

Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.0



#27

1,2-Dichloroethane

Concen: 23.600 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.003 min

Lab File: VW030345.D

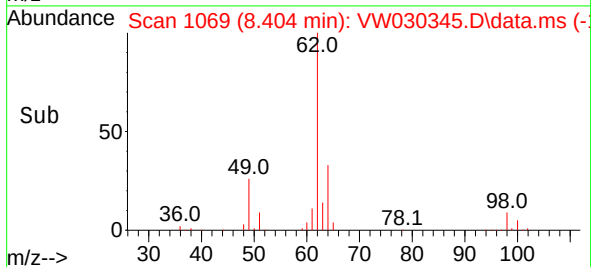
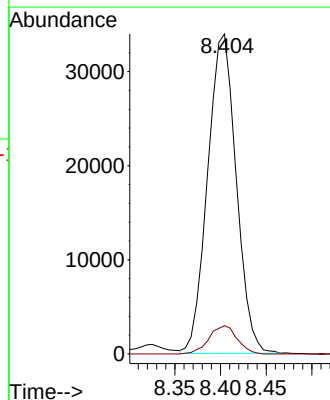
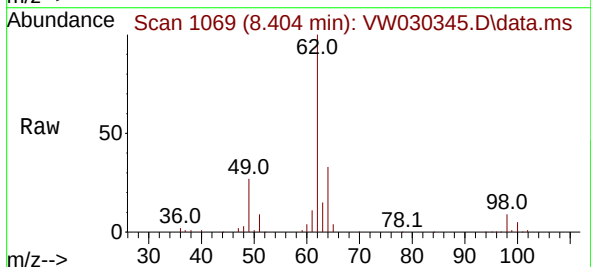
Acq: 02 Oct 2024 23:16

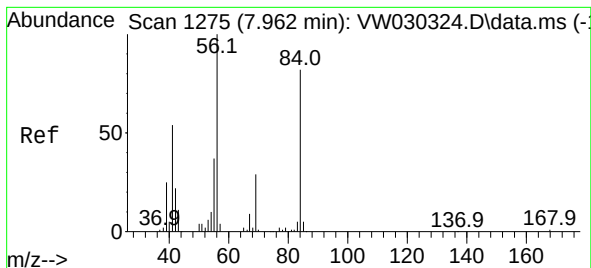
Tgt Ion: 62 Resp: 73882

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 24.139 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.003 min

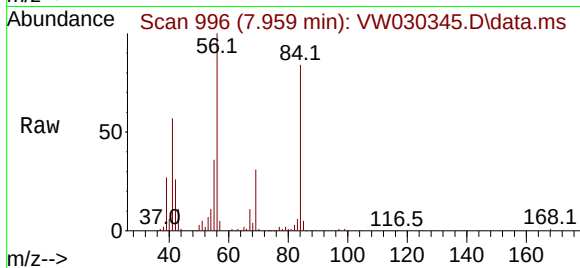
Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :



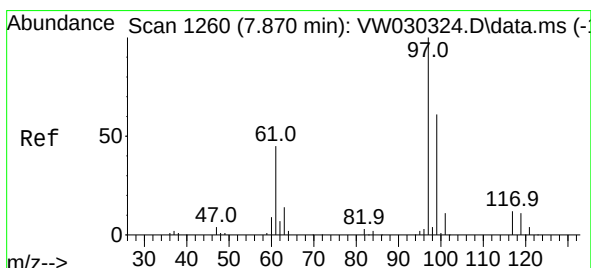
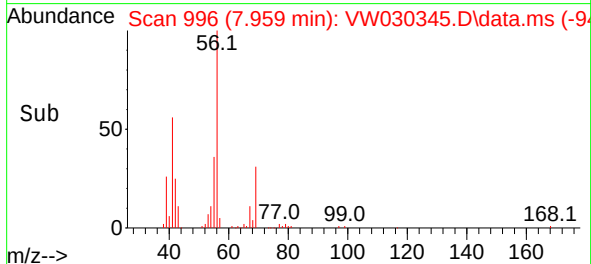
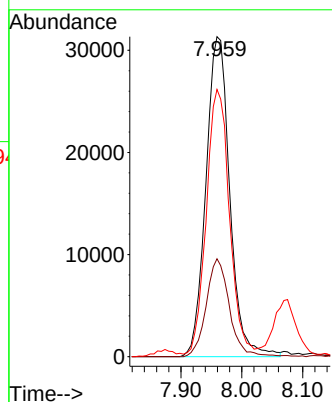
Tgt Ion: 56 Resp: 85405

Ion Ratio Lower Upper

56 100

69 28.7 24.5 36.7

84 81.1 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 24.026 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

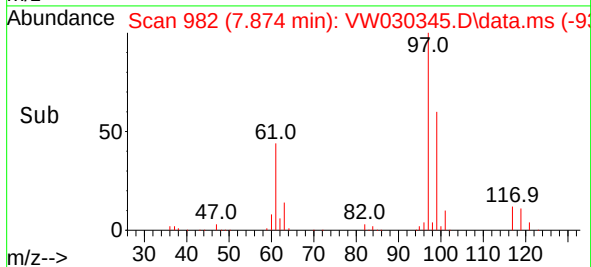
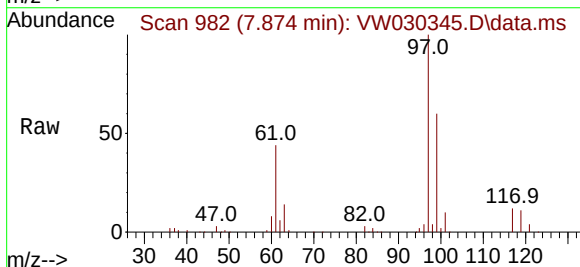
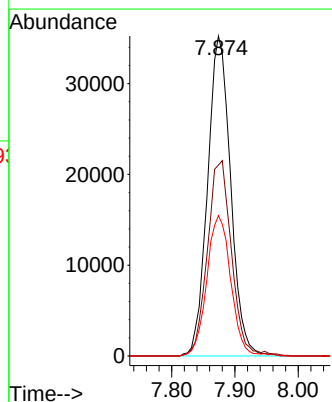
Tgt Ion: 97 Resp: 89327

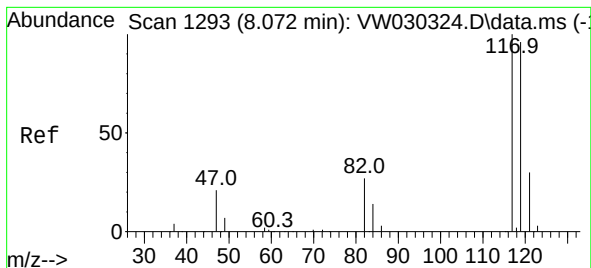
Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

61 45.4 34.1 51.1





#31

Carbon tetrachloride

Concen: 23.514 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.003 min

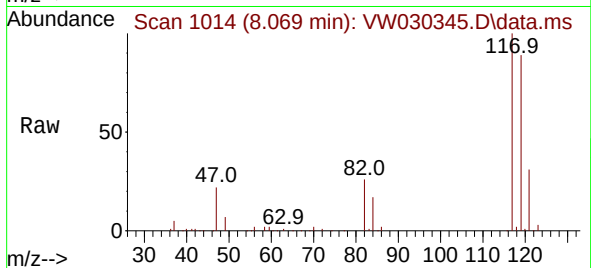
Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

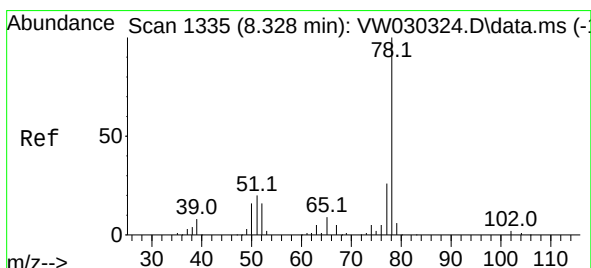
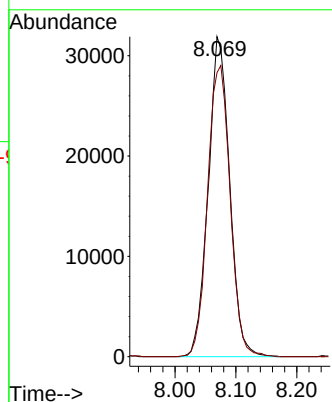
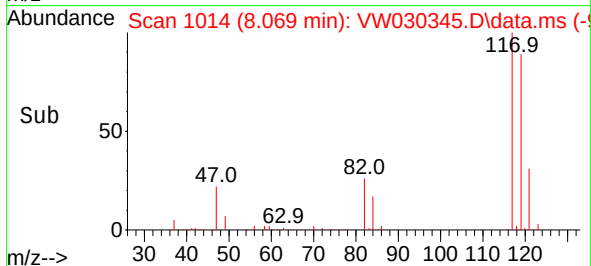


Tgt Ion:117 Resp: 78135

Ion Ratio Lower Upper

117 100

119 95.9 75.5 113.3



#33

Benzene

Concen: 23.854 ug/L

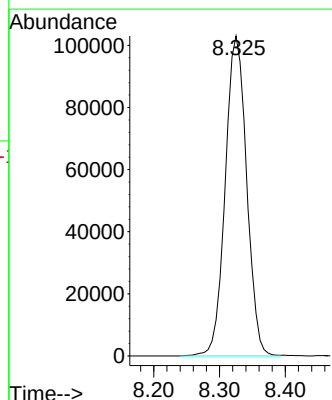
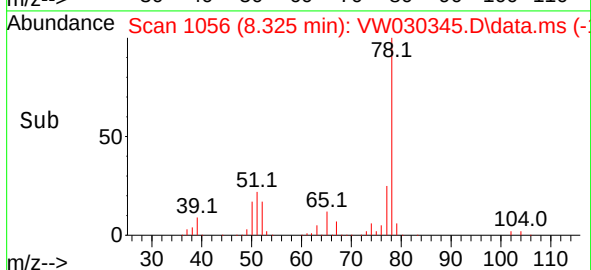
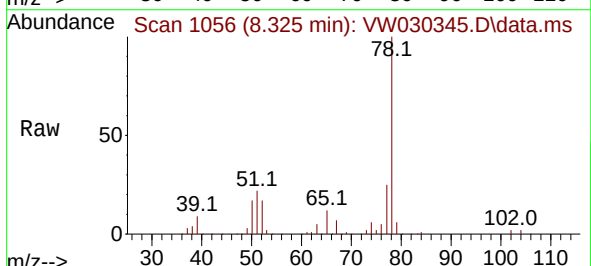
RT: 8.325 min Scan# 1056

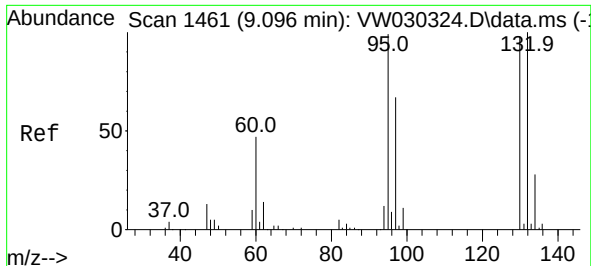
Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Tgt Ion: 78 Resp: 233191





#34

Trichloroethene

Concen: 23.581 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.003 min

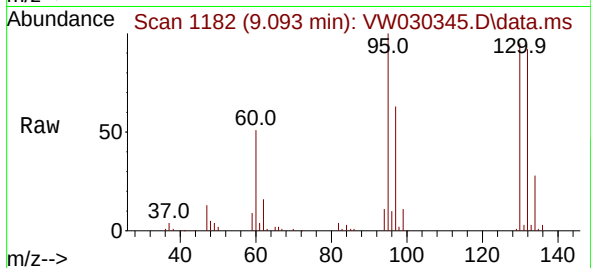
Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 61318

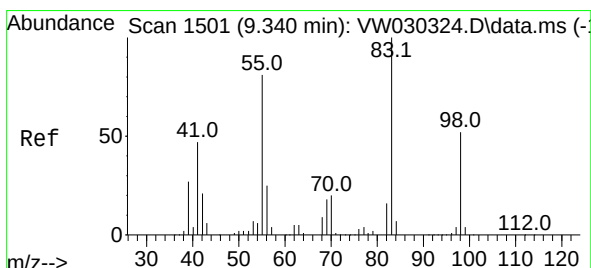
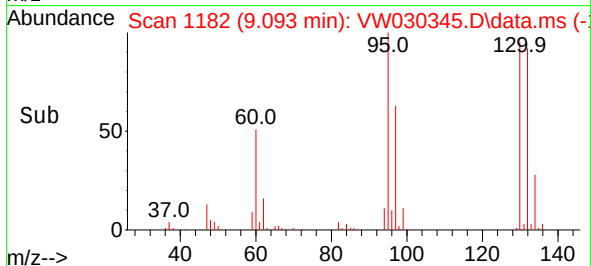
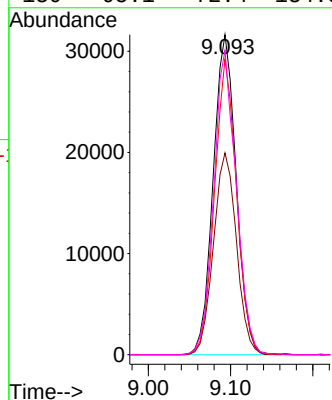
Ion Ratio Lower Upper

95 100

97 63.1 47.5 88.1

132 92.4 66.7 123.9

130 95.1 72.4 134.5



#35

Methylcyclohexane

Concen: 24.023 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

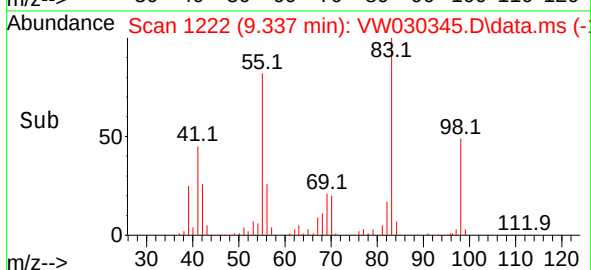
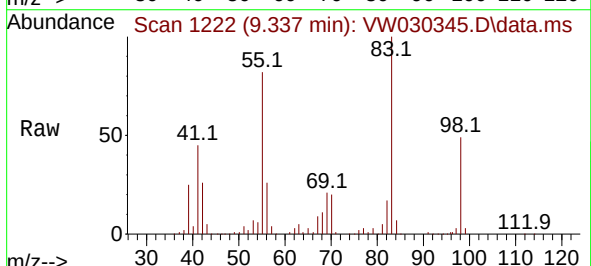
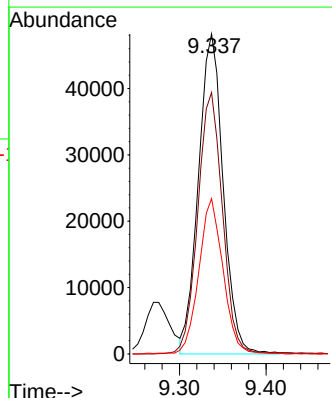
Tgt Ion: 83 Resp: 95864

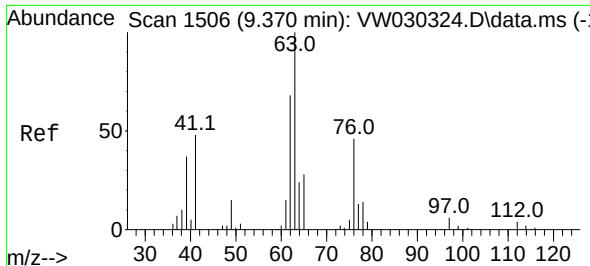
Ion Ratio Lower Upper

83 100

55 81.3 61.7 92.5

98 47.3 37.2 55.8





#37

1,2-Dichloropropane

Concen: 24.495 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

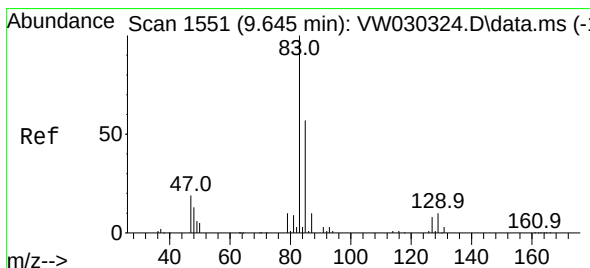
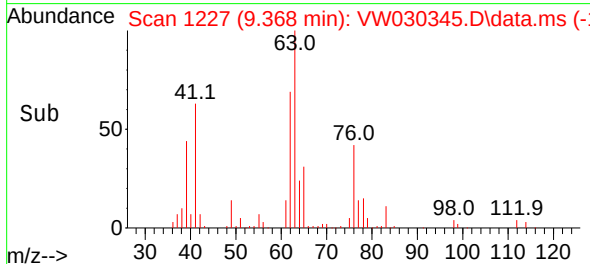
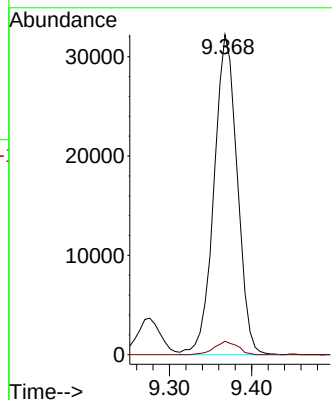
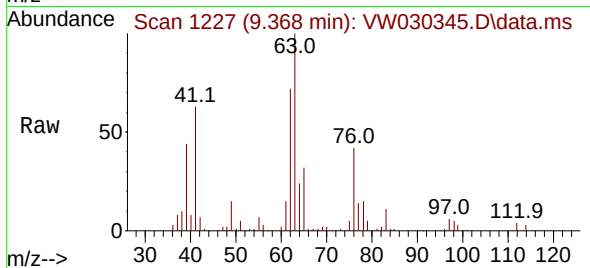
ClientSampleId :

Tgt Ion: 63 Resp: 63179

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 24.055 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

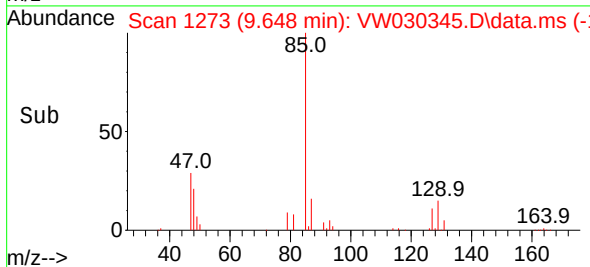
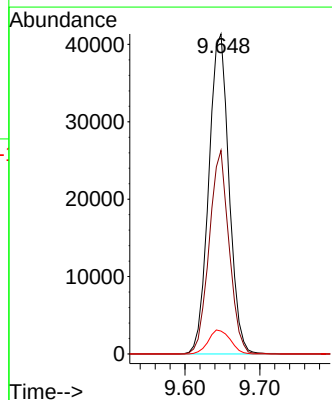
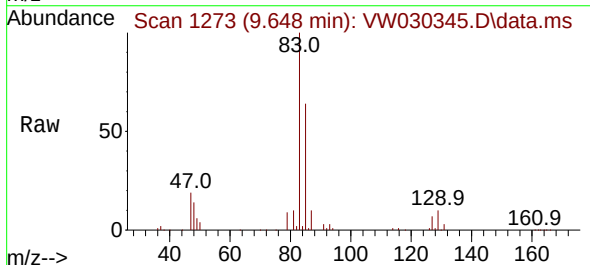
Tgt Ion: 83 Resp: 77899

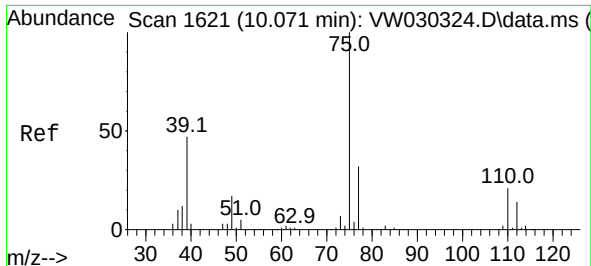
Ion Ratio Lower Upper

83 100

85 63.6 43.5 80.7

127 7.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.587 ug/L

RT: 10.075 min Scan# 1365

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

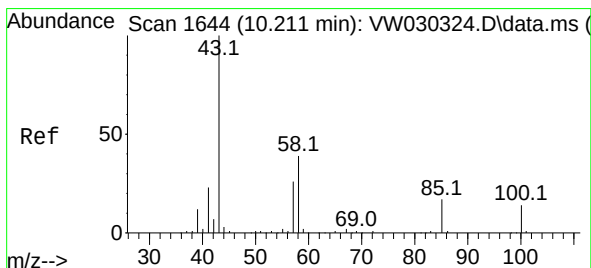
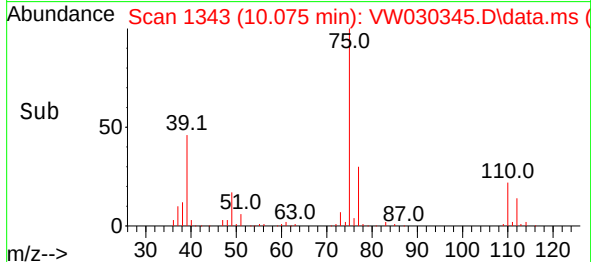
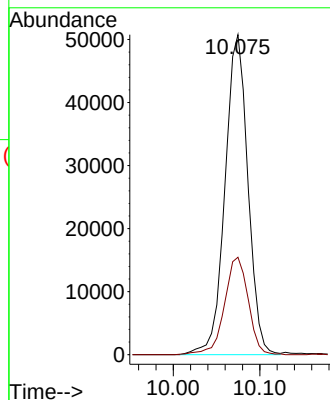
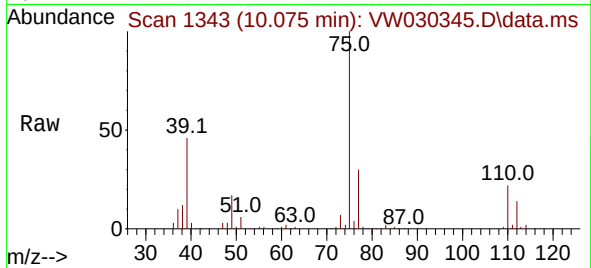
ClientSampleId :

Tgt Ion: 75 Resp: 93284

Ion Ratio Lower Upper

75 100

77 30.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 53.188 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

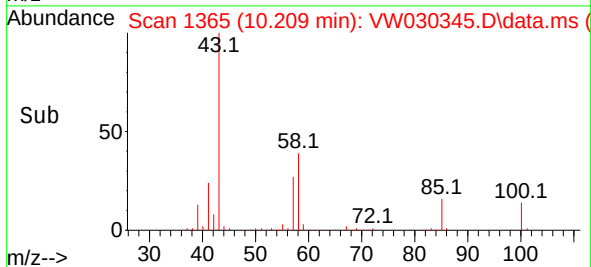
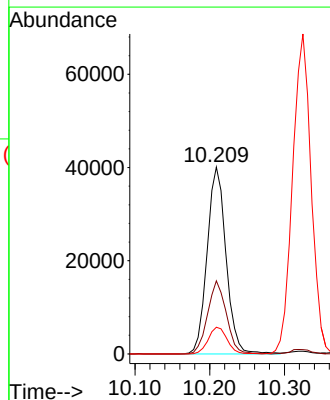
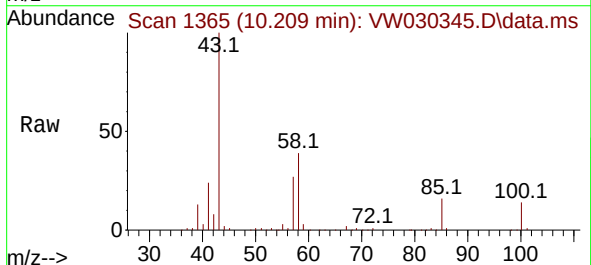
Tgt Ion: 43 Resp: 70563

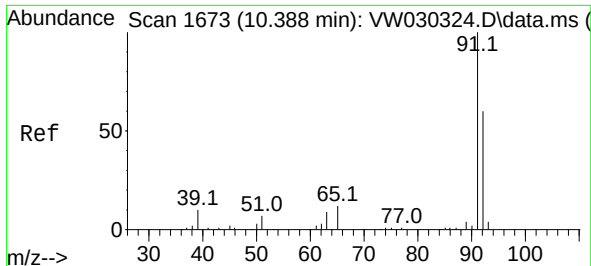
Ion Ratio Lower Upper

43 100

58 38.6 32.6 48.8

100 14.3 12.5 18.7





#42

Toluene

Concen: 24.142 ug/L

RT: 10.386 min Scan# 14

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

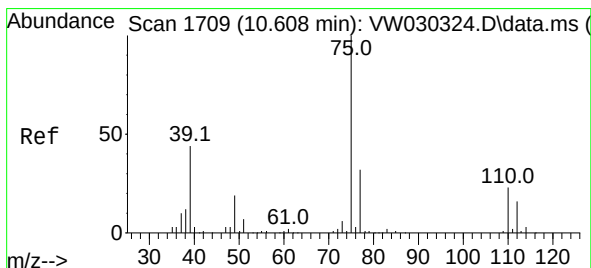
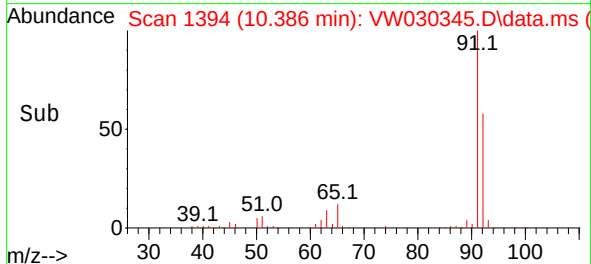
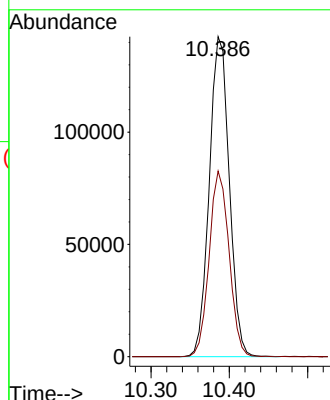
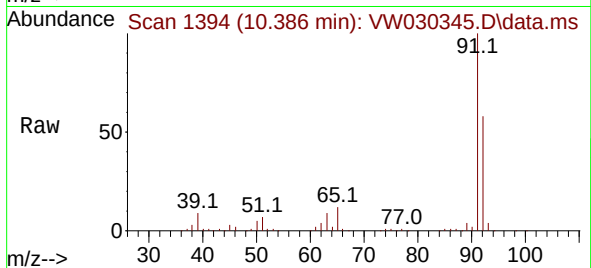
ClientSampleId :

Tgt Ion: 91 Resp: 252661

Ion Ratio Lower Upper

91 100

92 58.0 42.3 78.5



#44

trans-1,3-Dichloropropene

Concen: 23.716 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.003 min

Lab File: VW030345.D

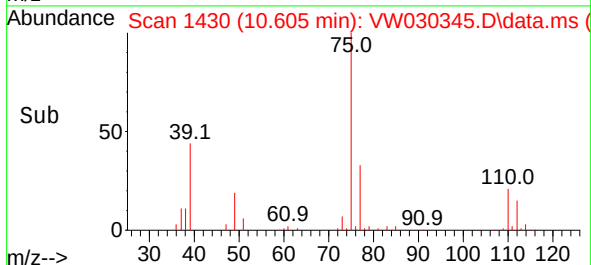
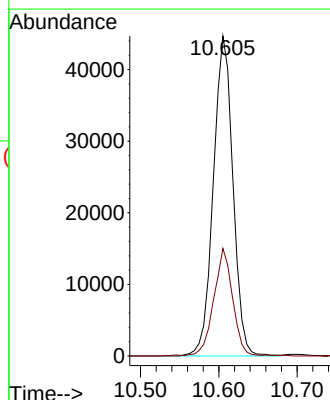
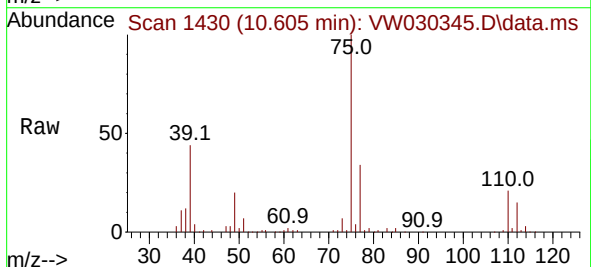
Acq: 02 Oct 2024 23:16

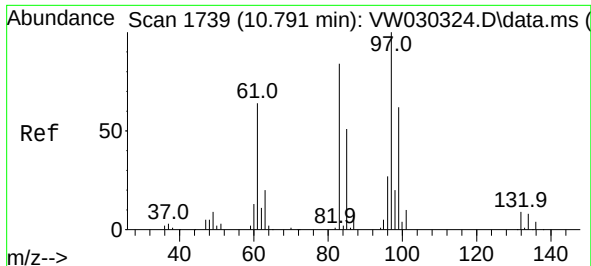
Tgt Ion: 75 Resp: 77720

Ion Ratio Lower Upper

75 100

77 33.6 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 23.727 ug/L

RT: 10.788 min Scan# 14

Delta R.T. -0.003 min

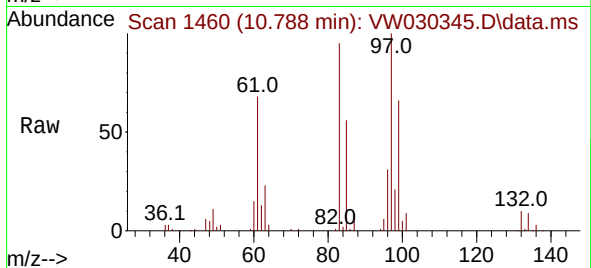
Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 43127

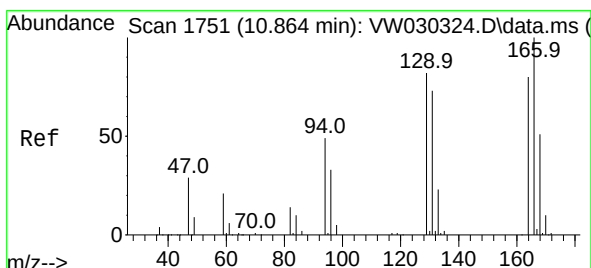
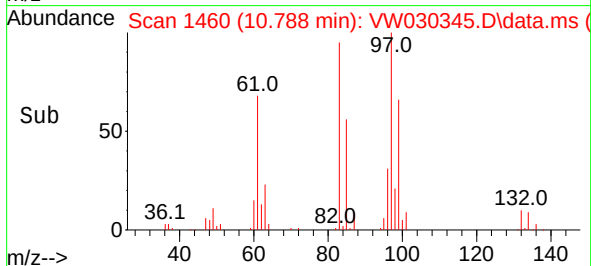
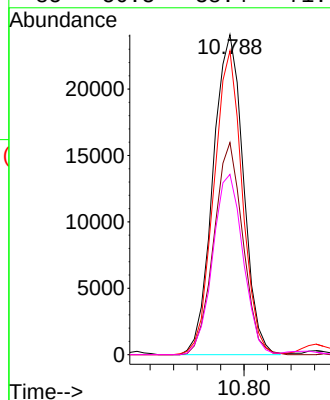
Ion Ratio Lower Upper

97 100

99 66.3 40.8 75.8

83 95.0 59.1 109.7

85 56.3 38.4 71.4



#46

Tetrachloroethene

Concen: 22.627 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Tgt Ion:164 Resp: 44009

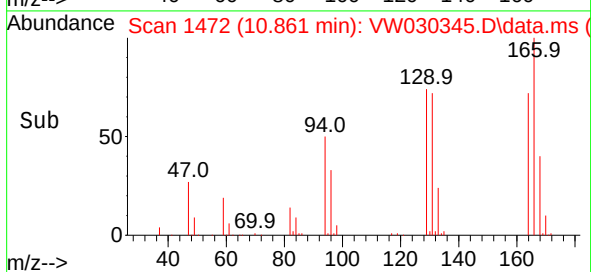
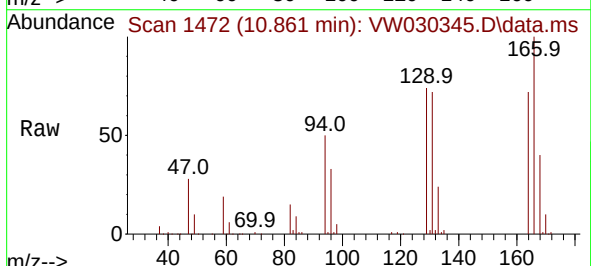
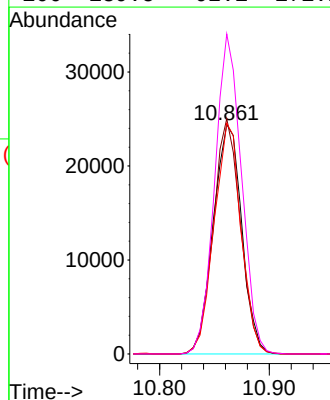
Ion Ratio Lower Upper

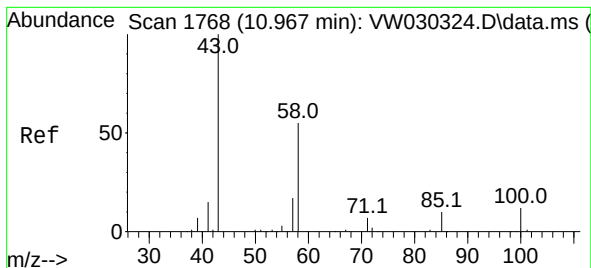
164 100

129 102.6 67.2 124.8

131 100.6 65.9 122.3

166 139.5 92.1 171.1





#48

2-Hexanone

Concen: 52.345 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.003 min

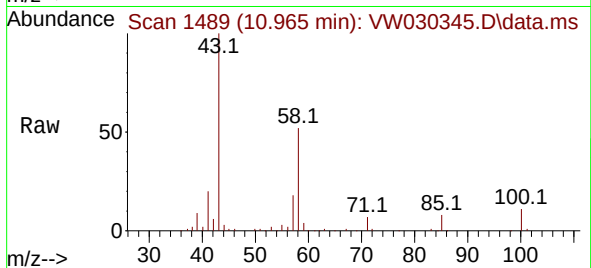
Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 51136

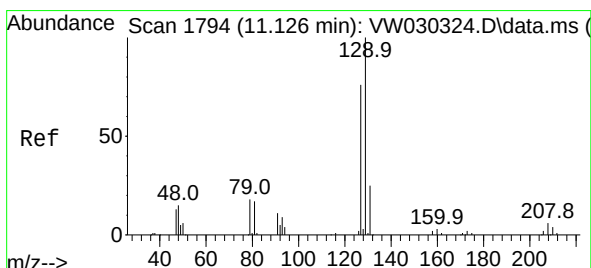
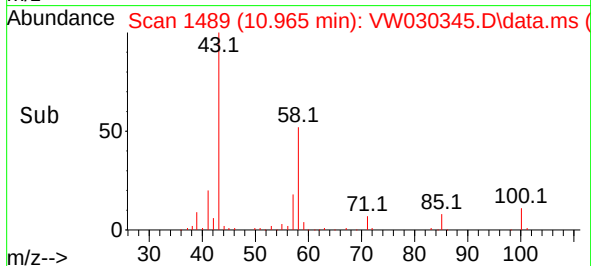
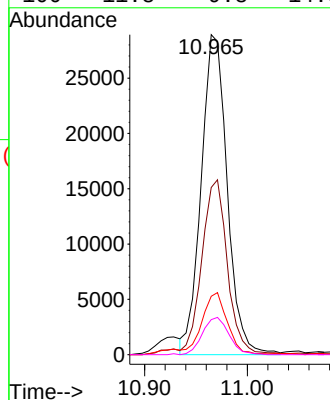
Ion Ratio Lower Upper

43 100

58 53.6 46.1 69.1

57 18.8 15.3 22.9

100 11.8 9.8 14.8



#49

Dibromochloromethane

Concen: 23.327 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VW030345.D

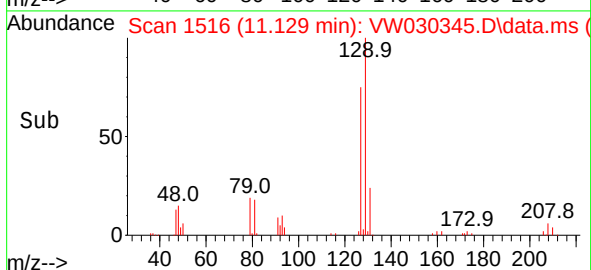
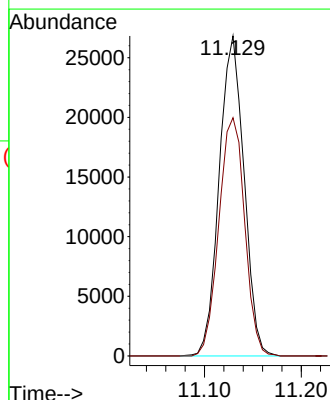
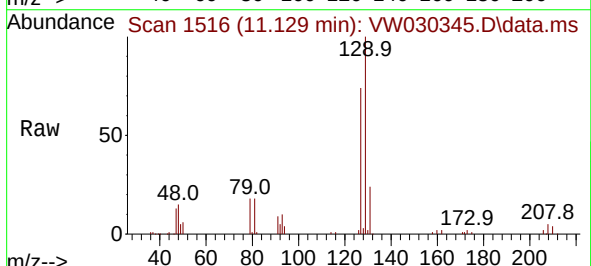
Acq: 02 Oct 2024 23:16

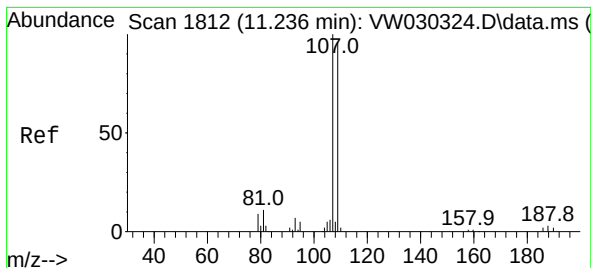
Tgt Ion:129 Resp: 47716

Ion Ratio Lower Upper

129 100

127 74.4 57.2 106.2





#50

1,2-Dibromoethane

Concen: 23.709 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

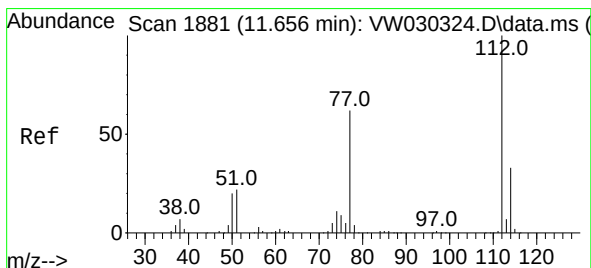
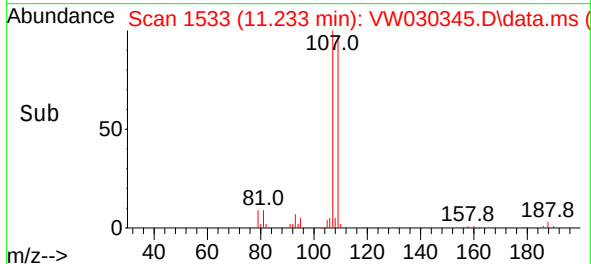
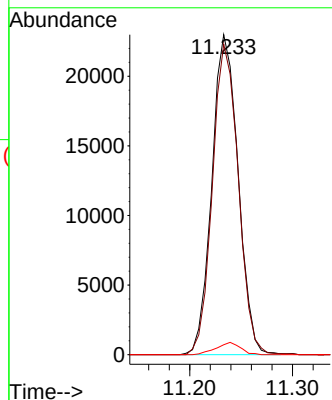
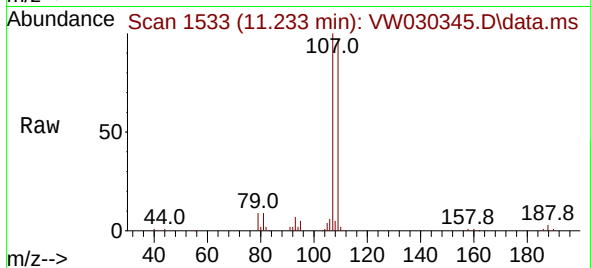
Tgt Ion:107 Resp: 40777

Ion Ratio Lower Upper

107 100

109 97.0 67.8 125.8

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 22.956 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

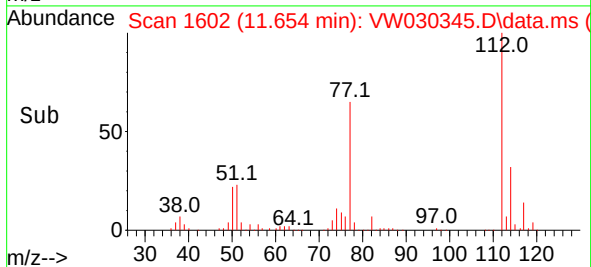
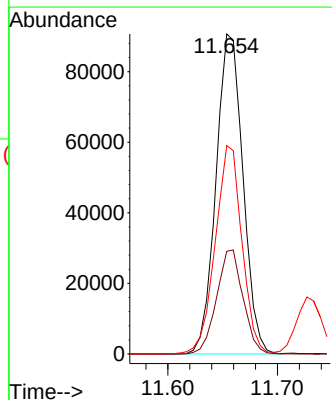
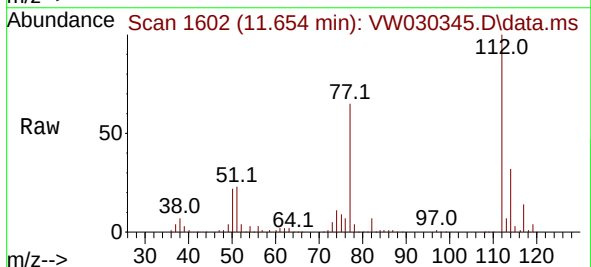
Tgt Ion:112 Resp: 155253

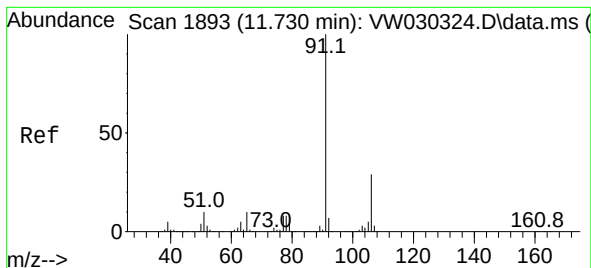
Ion Ratio Lower Upper

112 100

114 32.1 21.5 39.9

77 65.1 46.7 70.1





#52

Ethylbenzene

Concen: 24.124 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

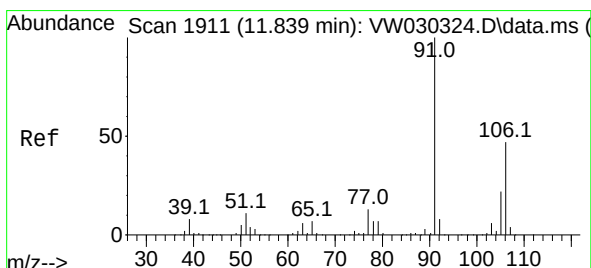
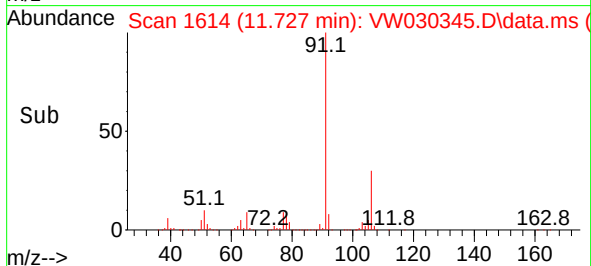
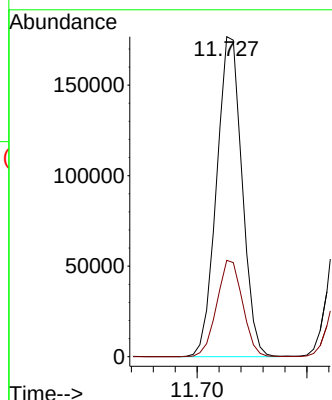
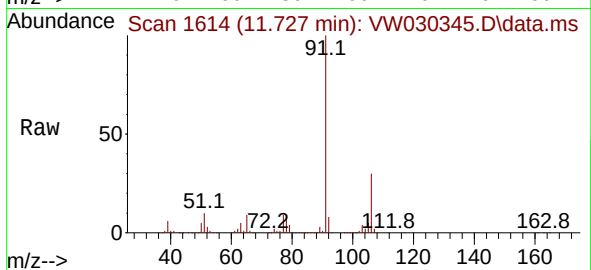
ClientSampleId :

Tgt Ion: 91 Resp: 286011

Ion Ratio Lower Upper

91 100

106 30.1 21.8 40.6



#53

m,p-Xylene

Concen: 24.114 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.003 min

Lab File: VW030345.D

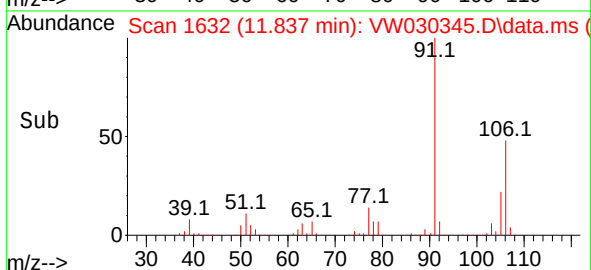
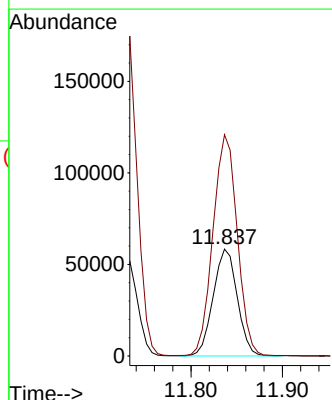
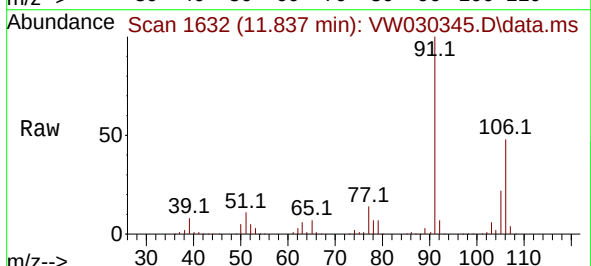
Acq: 02 Oct 2024 23:16

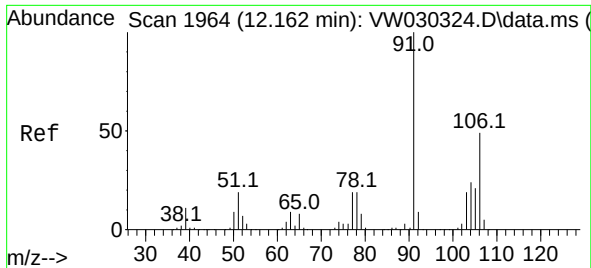
Tgt Ion:106 Resp: 106725

Ion Ratio Lower Upper

106 100

91 207.0 144.4 268.2

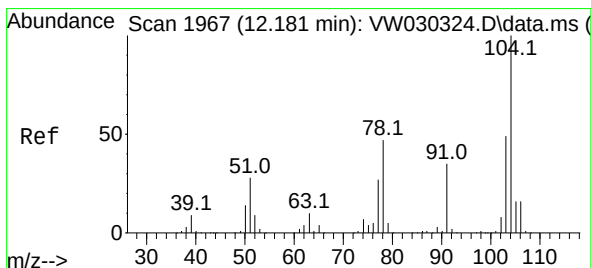
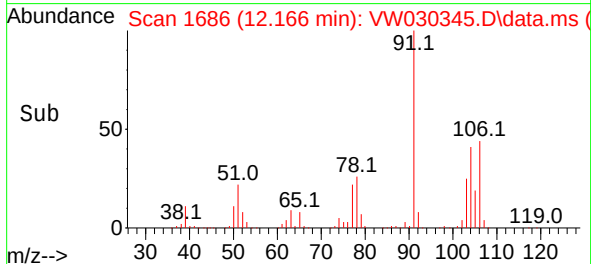
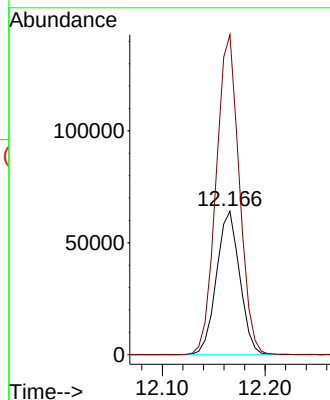
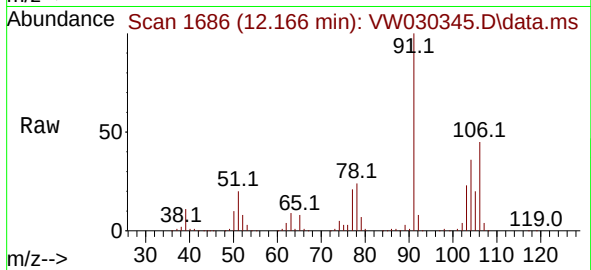




#54
o-Xylene
Concen: 23.870 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

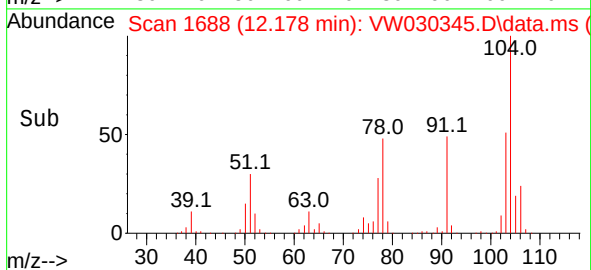
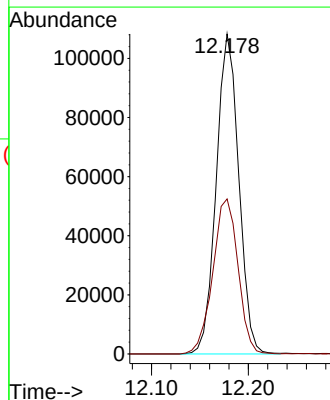
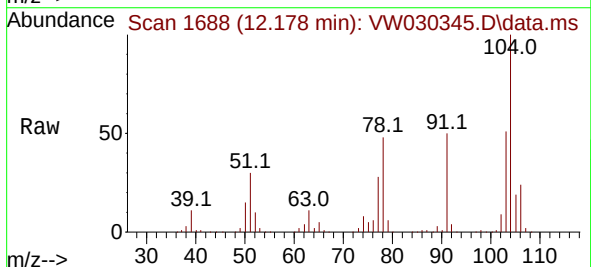
Instrument :
MSVOA_W
ClientSampleId :

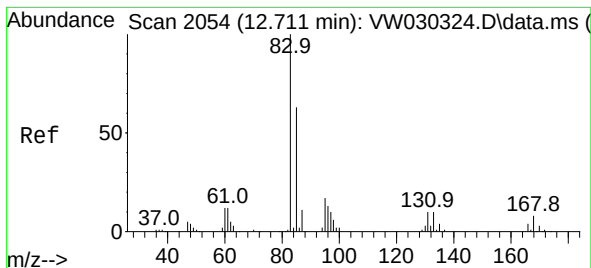
Tgt Ion:106 Resp: 100553
Ion Ratio Lower Upper
106 100
91 223.1 153.6 285.2



#55
Styrene
Concen: 24.378 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

Tgt Ion:104 Resp: 175184
Ion Ratio Lower Upper
104 100
78 48.4 34.6 64.3





#57

1,1,2-Tetrachloroethane

Concen: 24.408 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

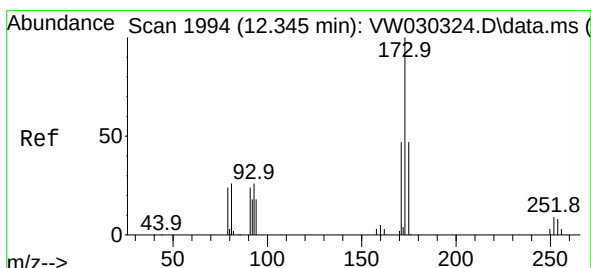
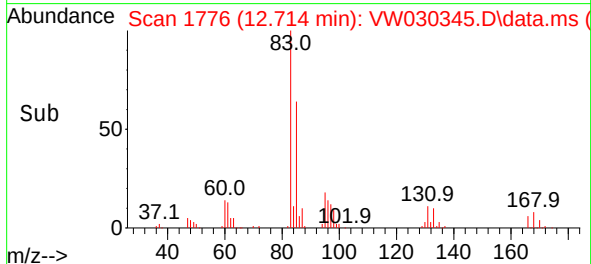
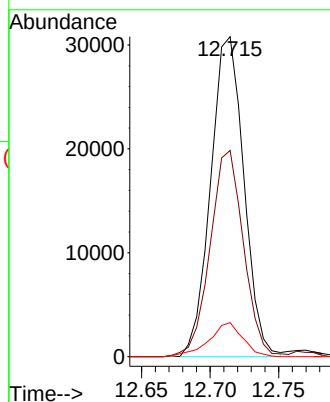
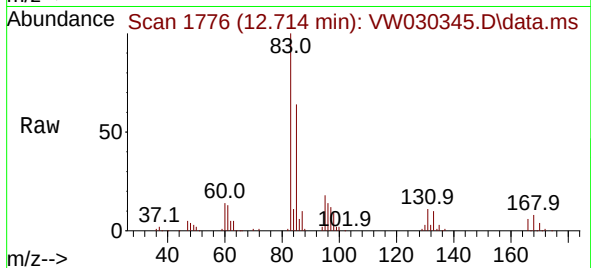
Tgt Ion: 83 Resp: 51960

Ion Ratio Lower Upper

83 100

85 64.5 43.9 81.5

131 10.7 7.1 10.7



#59

Bromoform

Concen: 23.930 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

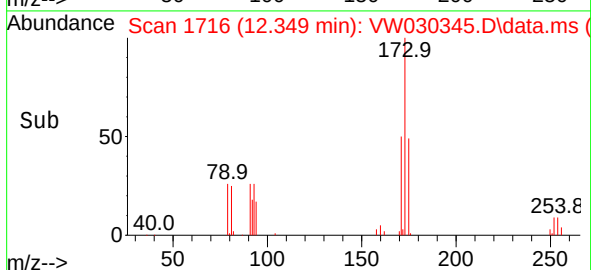
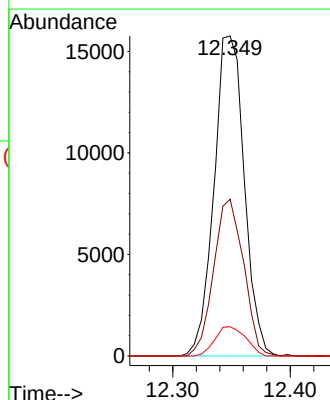
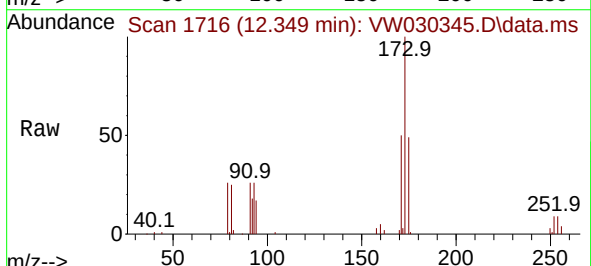
Tgt Ion:173 Resp: 28232

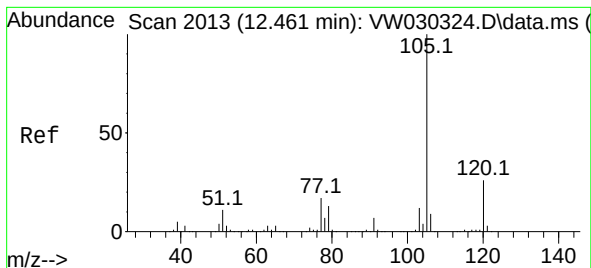
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 9.4 7.4 11.2





#60

Isopropylbenzene

Concen: 24.538 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

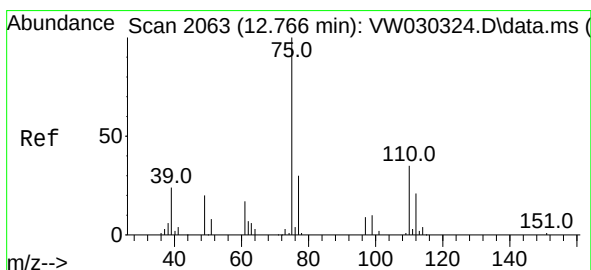
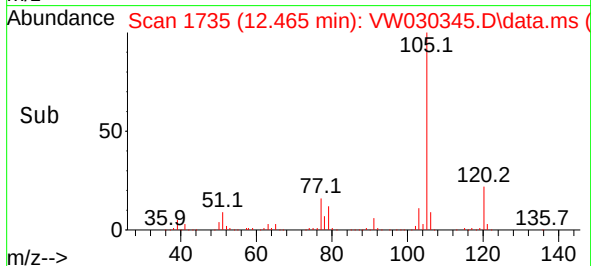
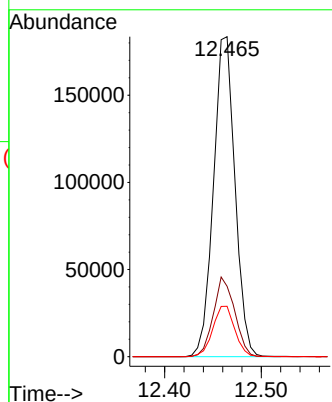
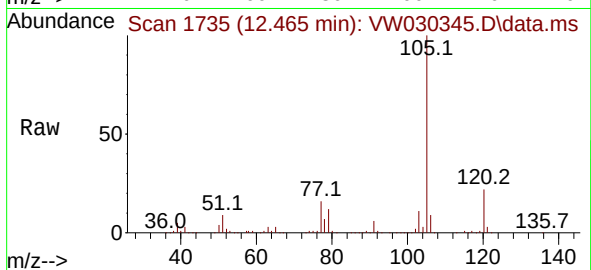
Tgt Ion:105 Resp: 283622

Ion Ratio Lower Upper

105 100

120 24.7 21.2 31.8

77 16.2 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 24.937 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

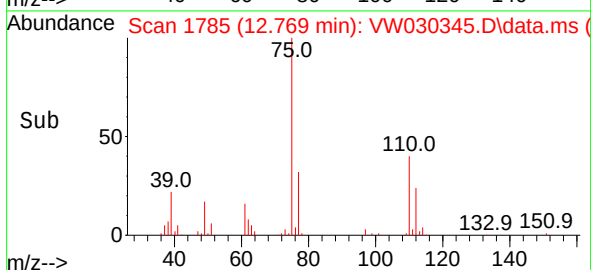
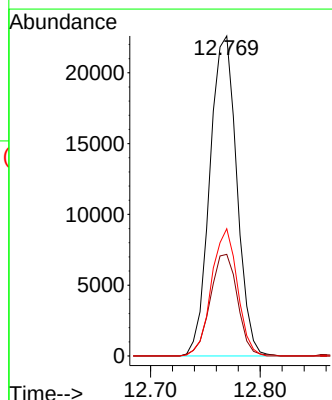
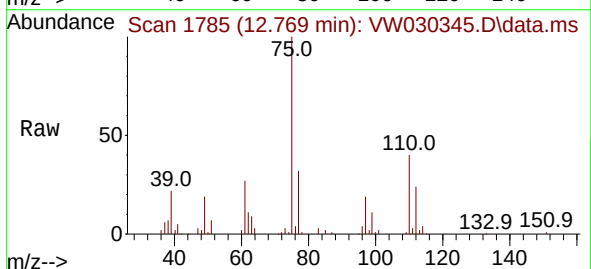
Tgt Ion: 75 Resp: 38605

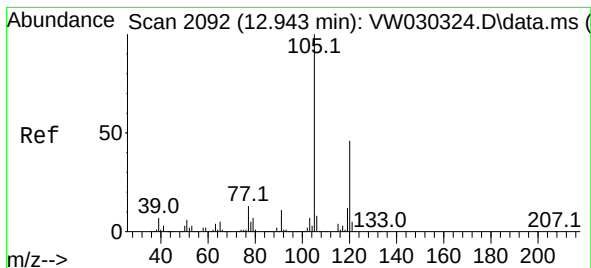
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

110 38.2 30.8 46.2

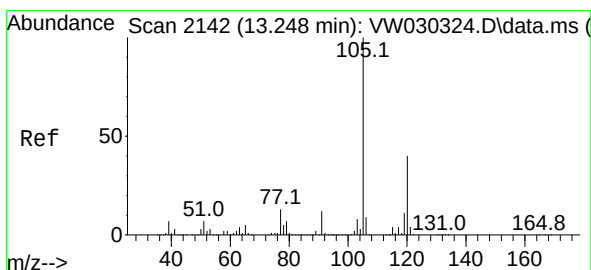
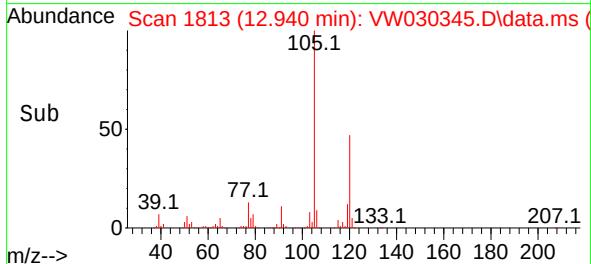
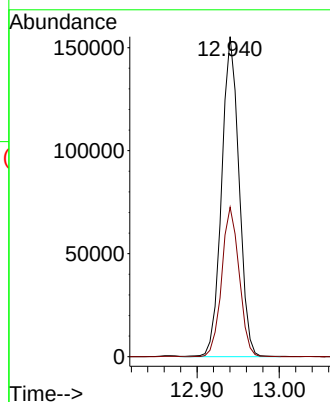
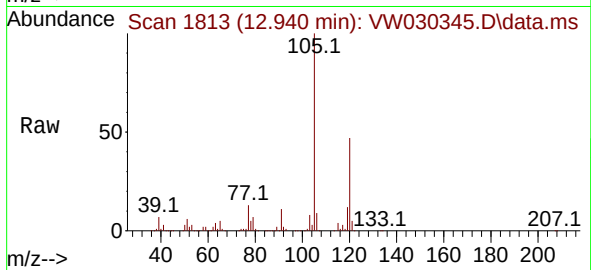




#62
1,3,5-Trimethylbenzene
Concen: 24.460 ug/L
RT: 12.940 min Scan# 11
Delta R.T. -0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

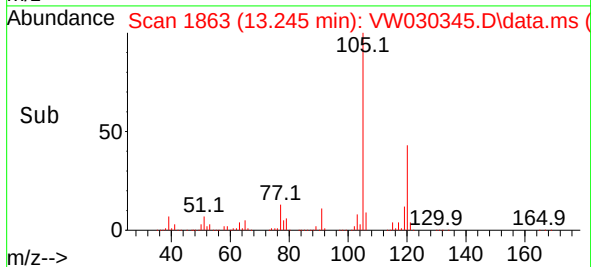
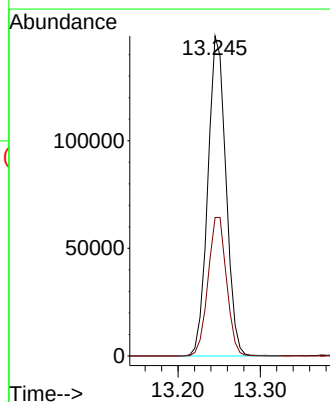
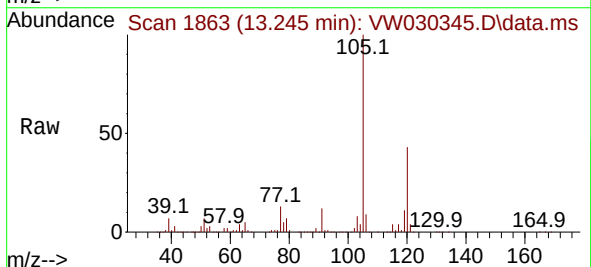
Instrument :
MSVOA_W
ClientSampleId :

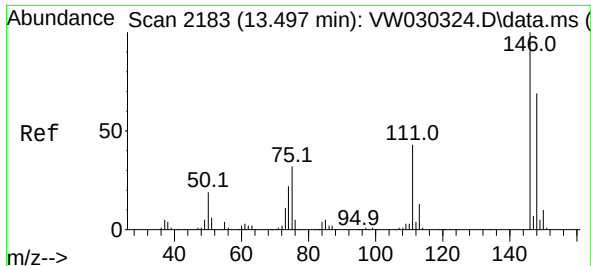
Tgt Ion:105 Resp: 228681
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 24.593 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.003 min
Lab File: VW030345.D
Acq: 02 Oct 2024 23:16

Tgt Ion:105 Resp: 227174
Ion Ratio Lower Upper
105 100
120 44.3 34.4 51.6





#64

1,3-Dichlorobenzene

Concen: 23.140 ug/L

RT: 13.495 min Scan# 1917

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

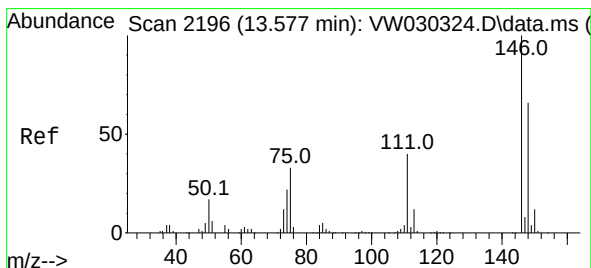
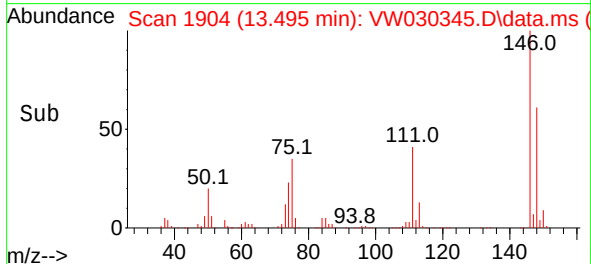
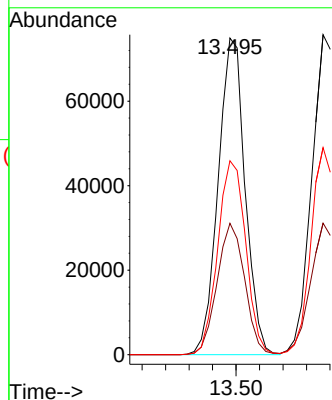
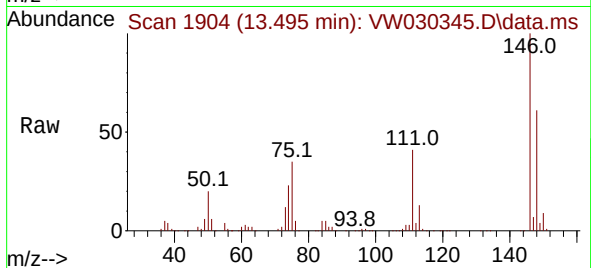
Tgt Ion:146 Resp: 119526

Ion Ratio Lower Upper

146 100

111 41.5 33.2 61.6

148 61.2 50.4 93.6



#65

1,4-Dichlorobenzene

Concen: 22.615 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

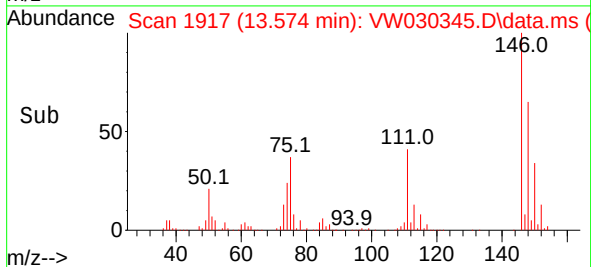
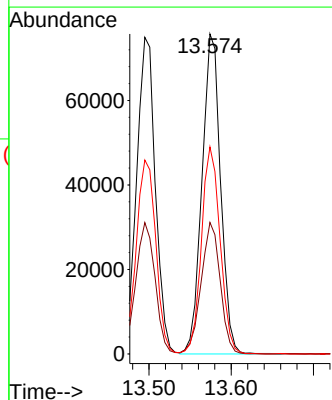
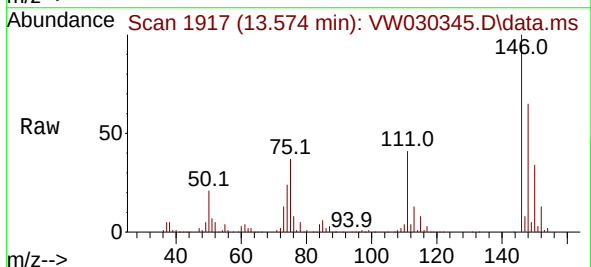
Tgt Ion:146 Resp: 119337

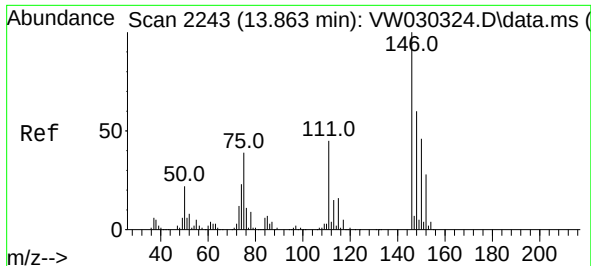
Ion Ratio Lower Upper

146 100

111 41.1 29.1 54.1

148 64.7 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 23.173 ug/L

RT: 13.867 min Scan# 1

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

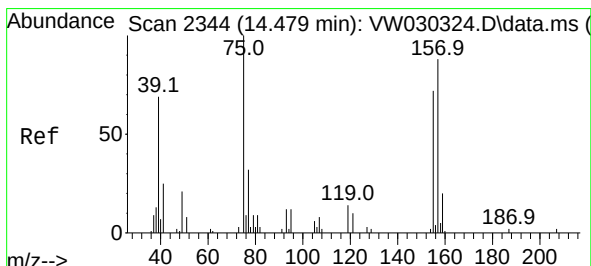
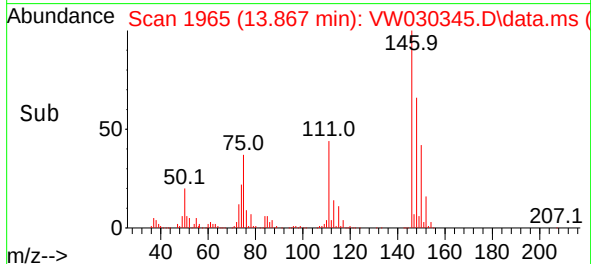
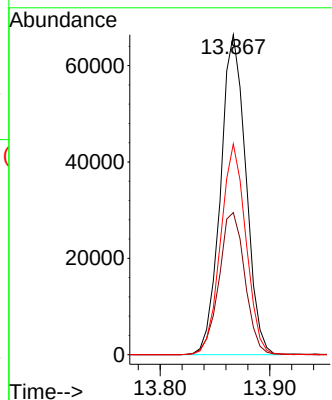
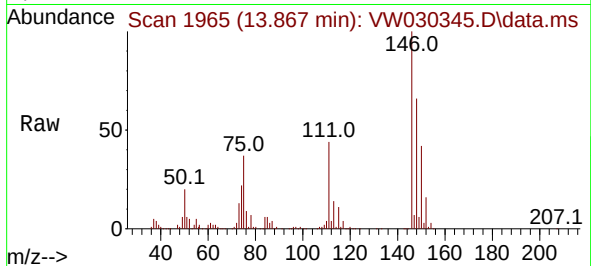
Tgt Ion:146 Resp: 106714

Ion Ratio Lower Upper

146 100

111 44.4 40.1 60.1

148 65.9 55.7 83.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.684 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

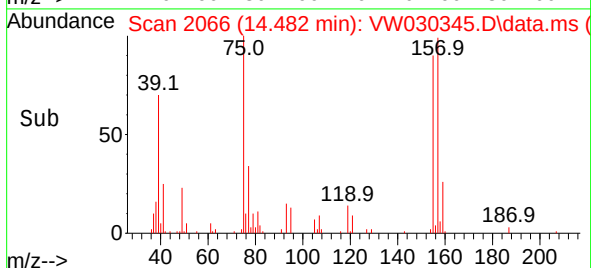
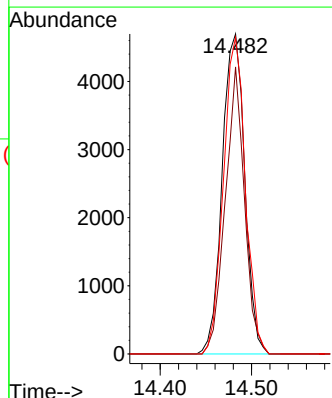
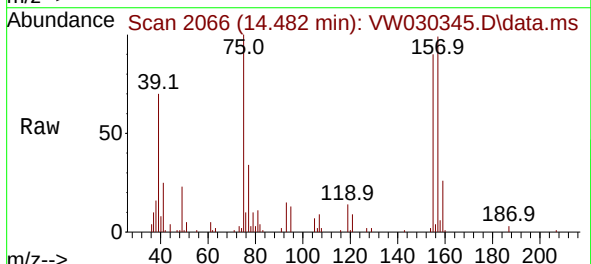
Tgt Ion: 75 Resp: 8046

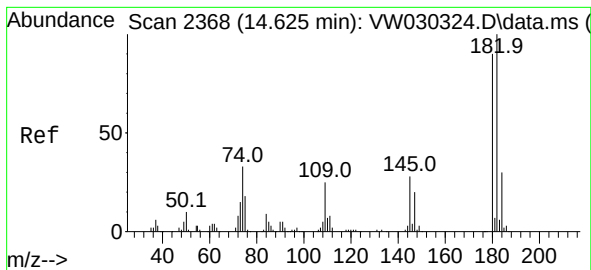
Ion Ratio Lower Upper

75 100

155 89.7 60.1 90.1

157 98.9 74.3 111.5





#69

1,3,5-Trichlorobenzene

Concen: 22.569 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.003 min

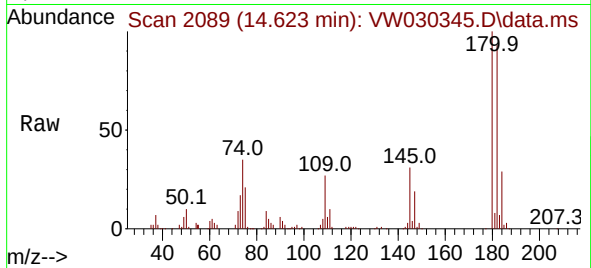
Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 80461

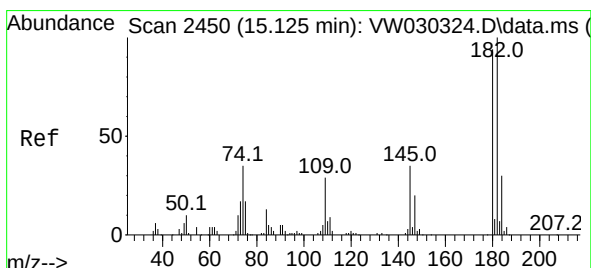
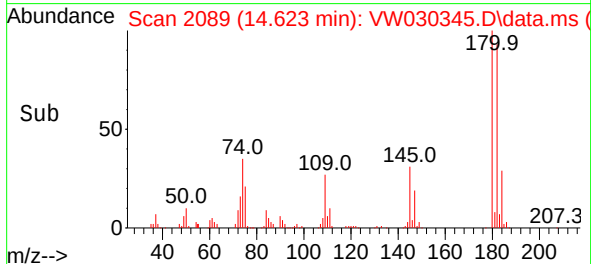
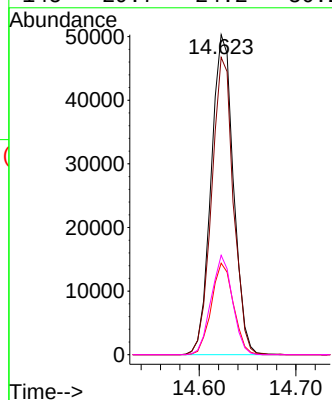
Ion Ratio Lower Upper

180 100

182 90.6 77.4 116.2

184 28.3 24.5 36.7

145 29.7 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 21.335 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

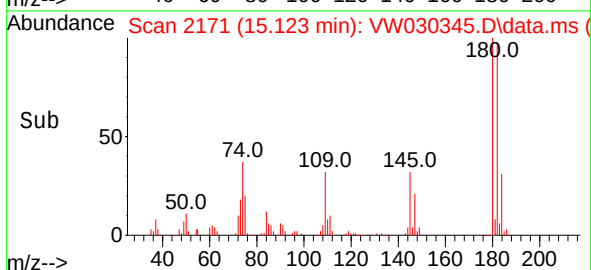
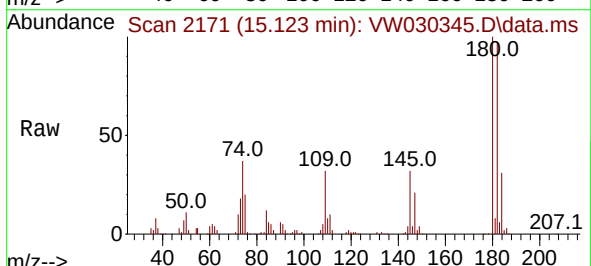
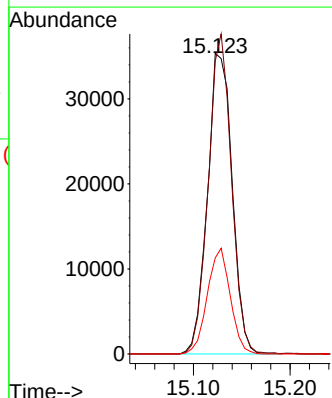
Tgt Ion:180 Resp: 62975

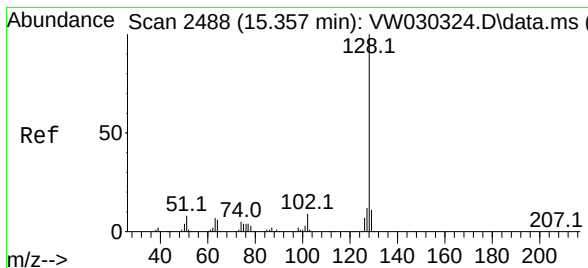
Ion Ratio Lower Upper

180 100

182 99.4 77.2 115.8

145 32.5 25.3 37.9





#71

Naphthalene

Concen: 23.861 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Instrument :

MSVOA_W

ClientSampleId :

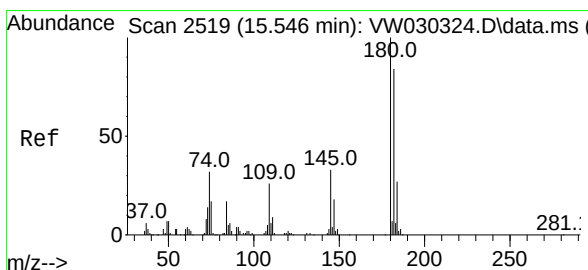
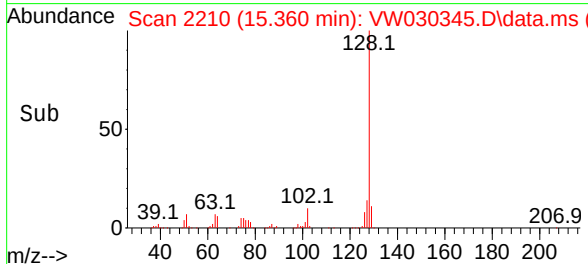
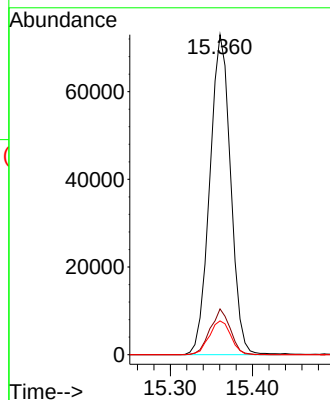
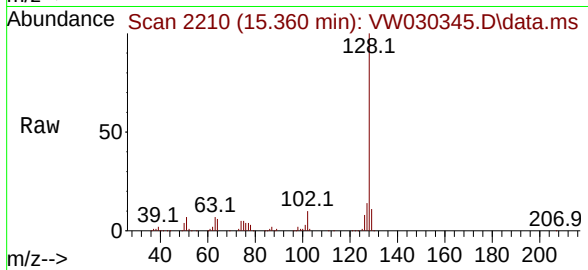
Tgt Ion:128 Resp: 128827

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.702 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VW030345.D

Acq: 02 Oct 2024 23:16

Tgt Ion:180 Resp: 58655

Ion Ratio Lower Upper

180 100

182 95.3 75.6 113.4

145 33.1 25.6 38.4

