

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100424\
 Data File : VW030386.D
 Acq On : 04 Oct 2024 11:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 05 00:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 04 01:05:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	185927	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	167155	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	85931	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	35670	24.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
7) Chloroethane-d5	2.905	69	28543	27.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	4.021	65	21701	20.462	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.840%
21) 2-Butanone-d5	7.081	46	24012	41.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.200%
24) Chloroform-d	7.648	84	109443	21.911	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	8.307	65	57234	21.953	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	8.276	84	213780	22.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.280%
36) 1,2-Dichloropropane-d6	9.276	67	64961	23.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.200%
41) Toluene-d8	10.325	98	194390	22.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.520%
43) trans-1,3-Dichloroprop...	10.581	79	24642	21.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.120%
47) 2-Hexanone-d5	10.922	63	19828	42.614	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	47169	22.402	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	65780	23.056	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	43769	21.537	ug/L	94
3) Chloromethane	2.222	50	36813	23.123	ug/L	96
5) Vinyl chloride	2.381	62	43601	25.762	ug/L	99
6) Bromomethane	2.795	94	27855	24.728	ug/L	92
8) Chloroethane	2.942	64	25425	27.535	ug/L	99
9) Trichlorofluoromethane	3.277	101	49989	22.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	48362	22.265	ug/L #	88
12) 1,1-Dichloroethene	4.051	96	46534	21.543	ug/L	85
13) Acetone	4.124	43	24254	39.133	ug/L	100
14) Carbon disulfide	4.393	76	148652	20.694	ug/L	98
15) Methyl Acetate	4.679	43	20053	19.837	ug/L #	78
16) Methylene chloride	4.917	84	52544	18.361	ug/L	90
17) trans-1,2-Dichloroethene	5.435	96	52247	20.836	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	78224	19.613	ug/L	99
19) 1,1-Dichloroethane	6.222	63	102323	21.427	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	57460	20.740	ug/L	96
22) 2-Butanone	7.167	43	29861	37.688	ug/L	100
23) Bromochloromethane	7.514	128	24669	20.396	ug/L	94
25) Chloroform	7.679	83	105113	21.225	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100424\
 Data File : VW030386.D
 Acq On : 04 Oct 2024 11:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 05 00:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 04 01:05:34 2024
 Response via : Initial Calibration

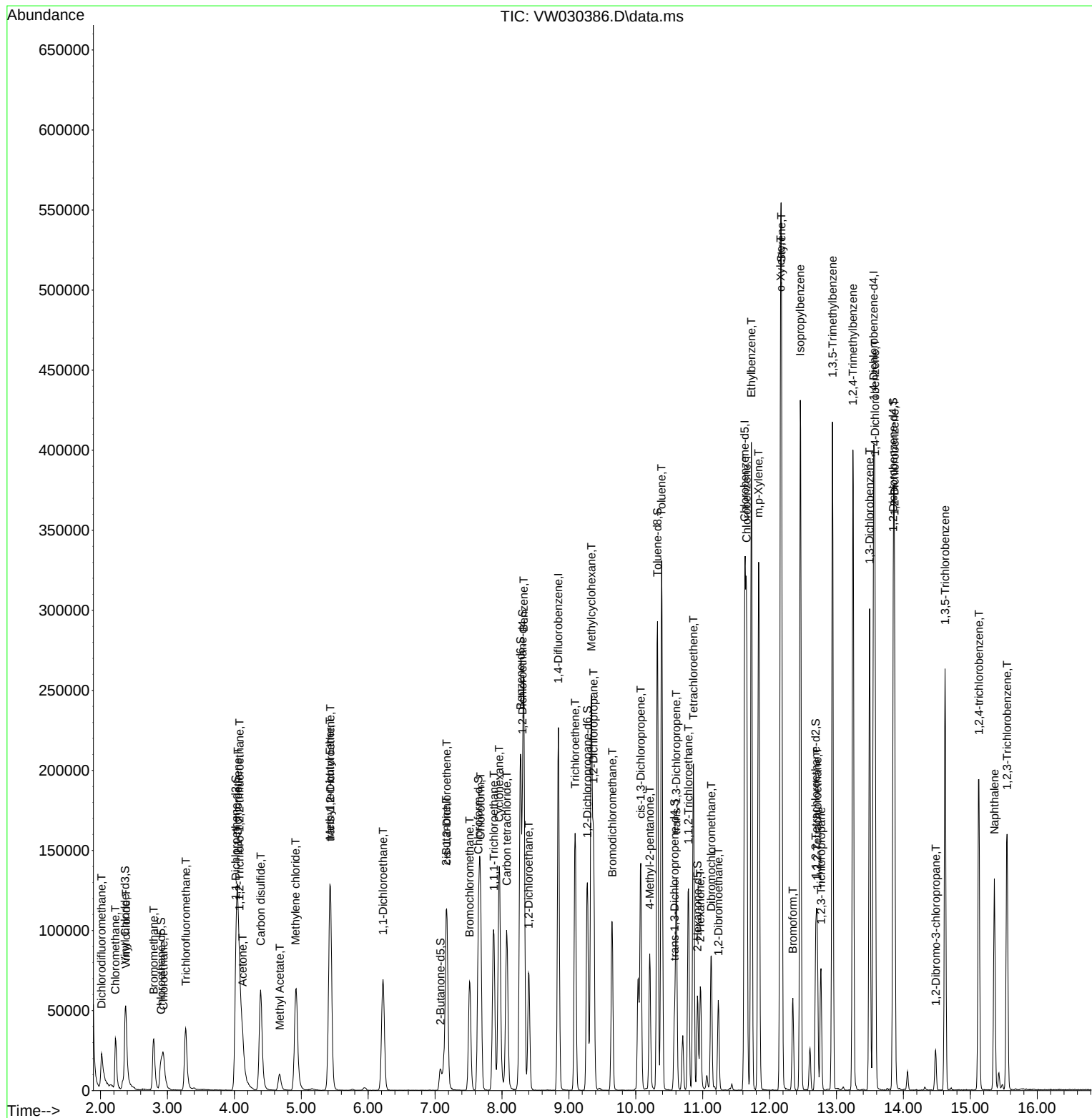
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	68478	20.849	ug/L	99
29) Cyclohexane	7.959	56	80441	21.831	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	86265	22.278	ug/L	98
31) Carbon tetrachloride	8.069	117	77865	22.500	ug/L	97
33) Benzene	8.325	78	228137	22.408	ug/L	100
34) Trichloroethene	9.093	95	58314	21.533	ug/L	98
35) Methylcyclohexane	9.337	83	95032	22.866	ug/L	97
37) 1,2-Dichloropropane	9.367	63	59108	22.004	ug/L	100
38) Bromodichloromethane	9.648	83	72585	21.522	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	86987	21.119	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	55676	40.296	ug/L	100
42) Toluene	10.386	91	244925	22.471	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	71421	20.926	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	39753	21.000	ug/L	94
46) Tetrachloroethene	10.861	164	43724	21.586	ug/L	97
48) 2-Hexanone	10.965	43	42040	41.321	ug/L	97
49) Dibromochloromethane	11.129	129	44678	20.972	ug/L	97
50) 1,2-Dibromoethane	11.233	107	37615	21.000	ug/L	95
51) Chlorobenzene	11.654	112	150972	21.434	ug/L	96
52) Ethylbenzene	11.727	91	278457	22.551	ug/L	99
53) m,p-Xylene	11.837	106	102619	22.263	ug/L	99
54) o-Xylene	12.166	106	96603	22.019	ug/L	98
55) Styrene	12.178	104	169315	22.623	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	46312	20.889	ug/L	97
59) Bromoform	12.349	173	25538	20.514	ug/L	98
60) Isopropylbenzene	12.458	105	273582	22.430	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	33002	20.202	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	219000	22.199	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	215103	22.068	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	118035	21.655	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	119893	21.532	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	105015	21.611	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	6991	18.678	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	75865	20.166	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	61313	19.685	ug/L	99
71) Naphthalene	15.360	128	106440	18.683	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	53195	19.511	ug/L	98

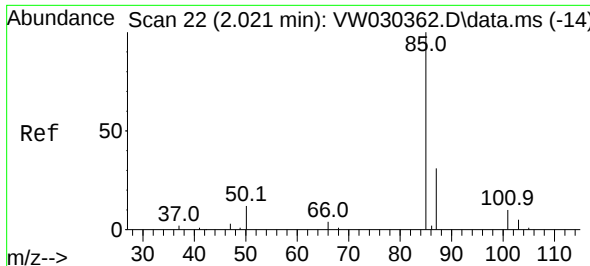
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100424\
Data File : VW030386.D
Acq On : 04 Oct 2024 11:43
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 05 00:31:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 04 01:05:34 2024
Response via : Initial Calibration

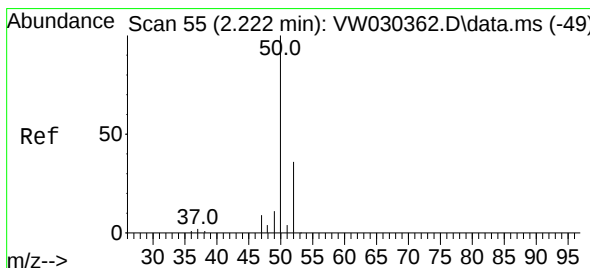
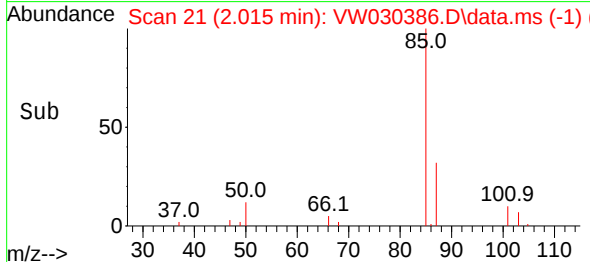
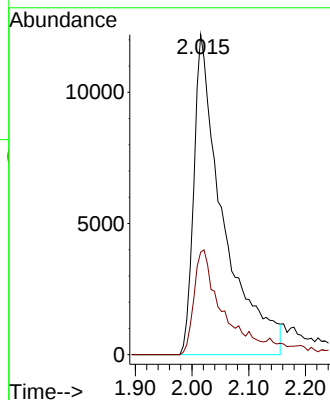
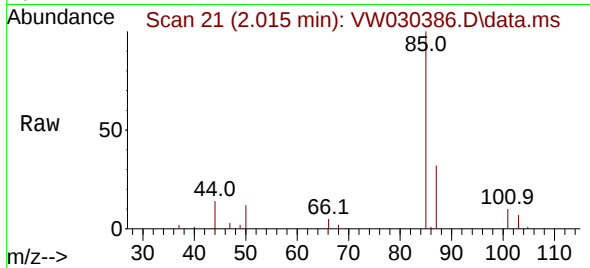




#2
Dichlorodifluoromethane
Concen: 21.537 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

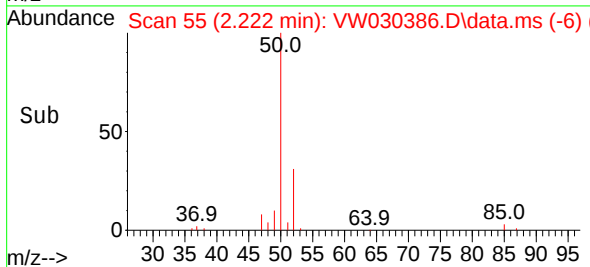
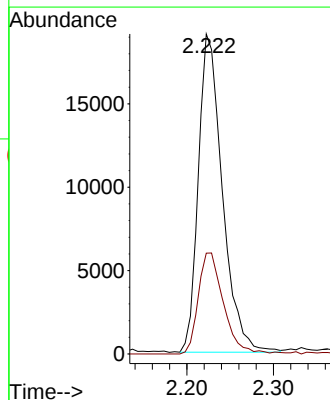
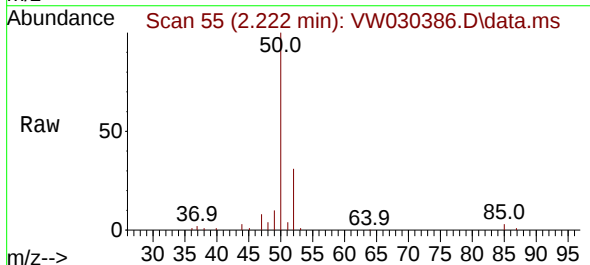
Instrument :
MSVOA_W
ClientSampleId :

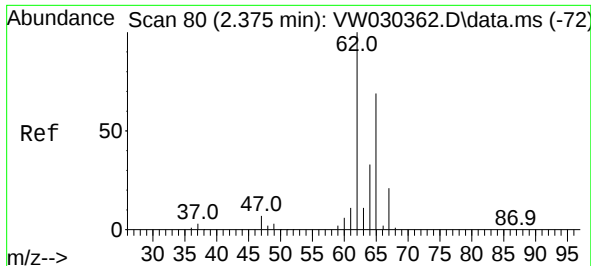
Tgt Ion: 85 Resp: 43769
Ion Ratio Lower Upper
85 100
87 26.6 24.0 36.0



#3
Chloromethane
Concen: 23.123 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Tgt Ion: 50 Resp: 36813
Ion Ratio Lower Upper
50 100
52 31.5 23.5 43.7

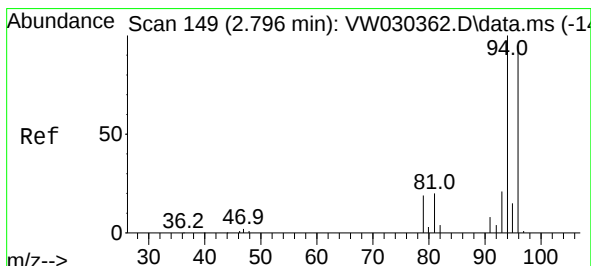
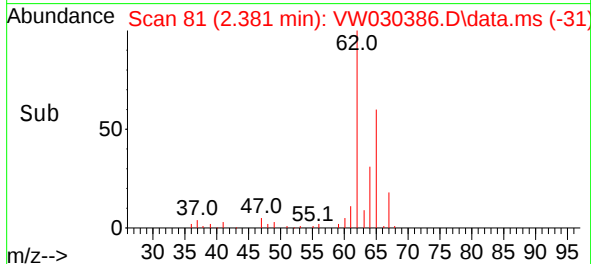
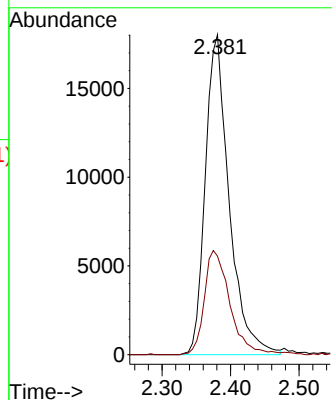
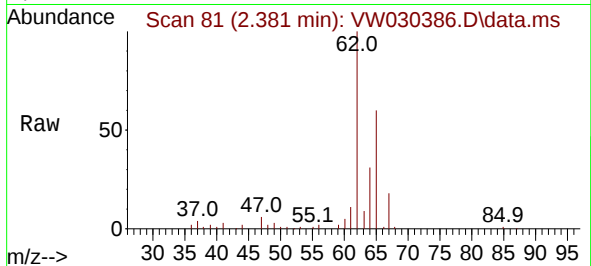




#5
 Vinyl chloride
 Concen: 25.762 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW030386.D
 Acq: 04 Oct 2024 11:43

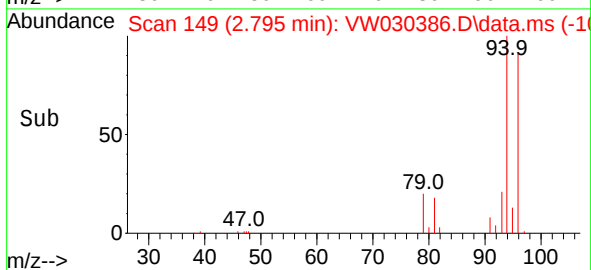
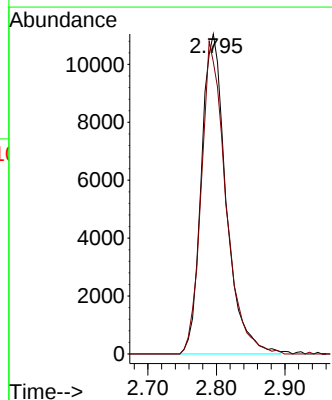
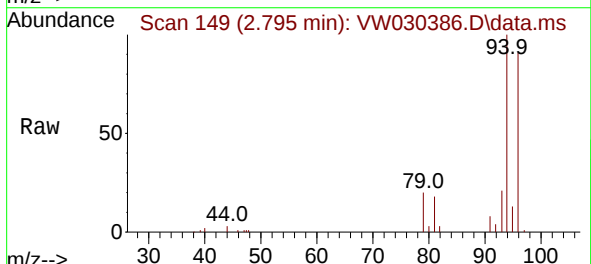
Instrument :
 MSVOA_W
 ClientSampleId :

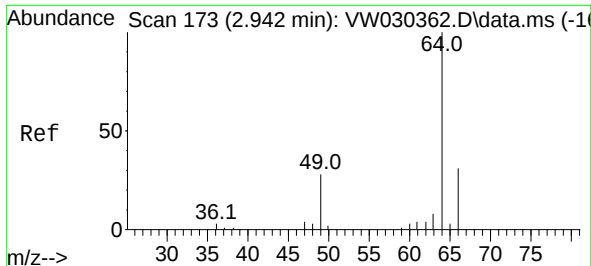
Tgt Ion: 62 Resp: 43601
 Ion Ratio Lower Upper
 62 100
 64 30.8 22.1 41.1



#6
 Bromomethane
 Concen: 24.728 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW030386.D
 Acq: 04 Oct 2024 11:43

Tgt Ion: 94 Resp: 27855
 Ion Ratio Lower Upper
 94 100
 96 91.3 69.7 129.4

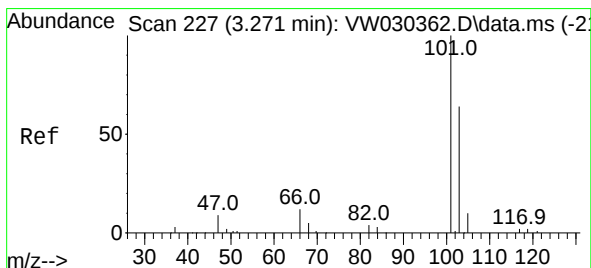
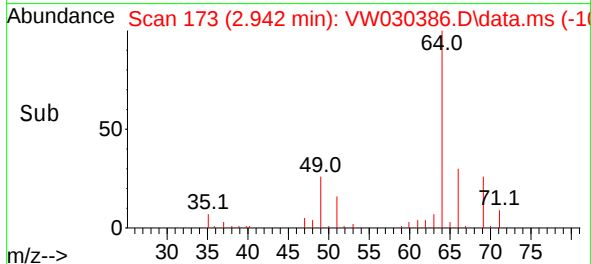
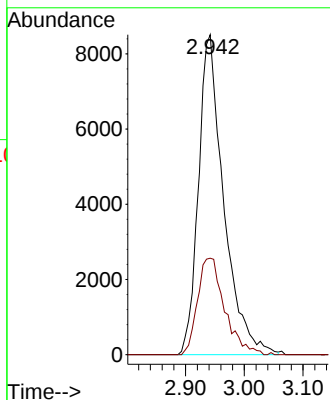
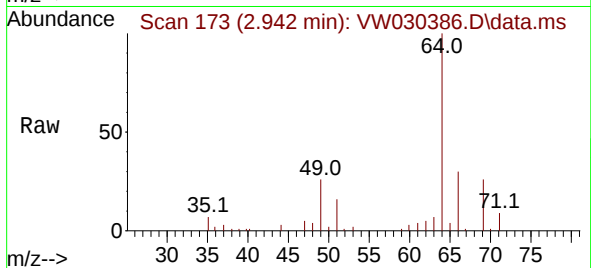




#8
Chloroethane
Concen: 27.535 ug/L
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

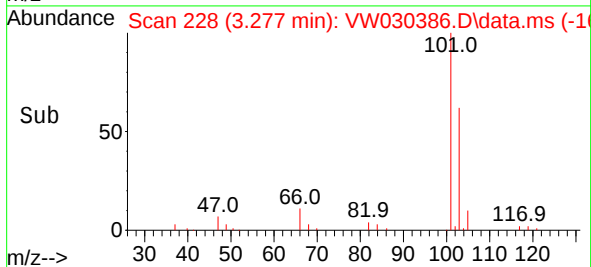
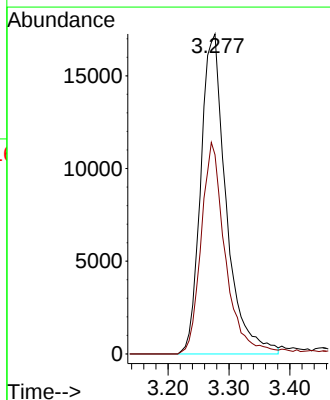
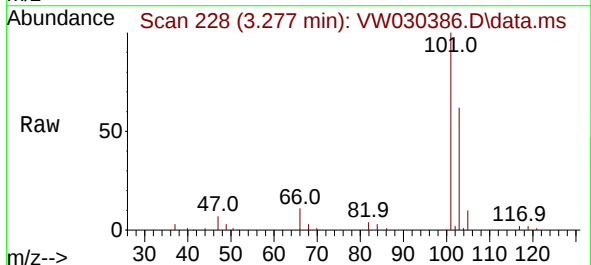
Instrument :
MSVOA_W
ClientSampleId :

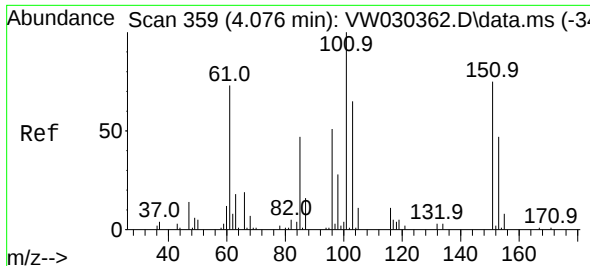
Tgt Ion: 64 Resp: 25425
Ion Ratio Lower Upper
64 100
66 30.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 22.928 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.006 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Tgt Ion:101 Resp: 49989
Ion Ratio Lower Upper
101 100
103 62.8 50.2 75.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.265 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

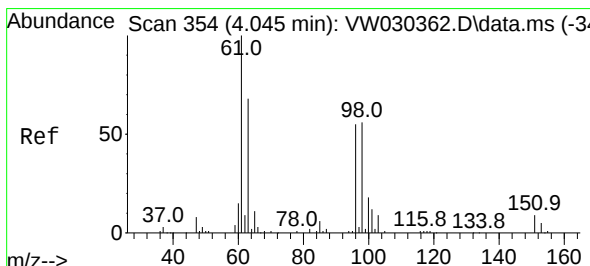
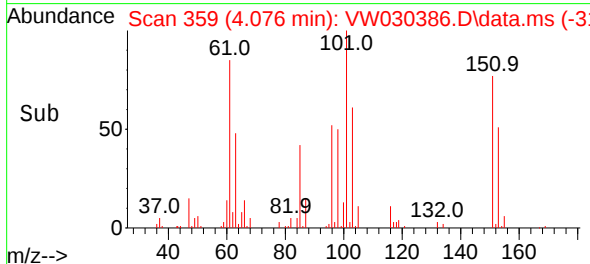
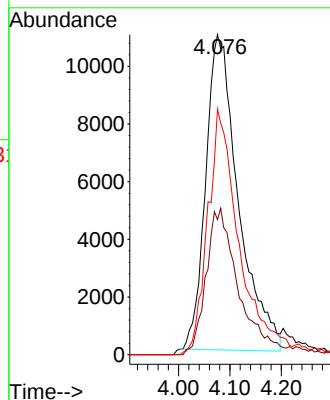
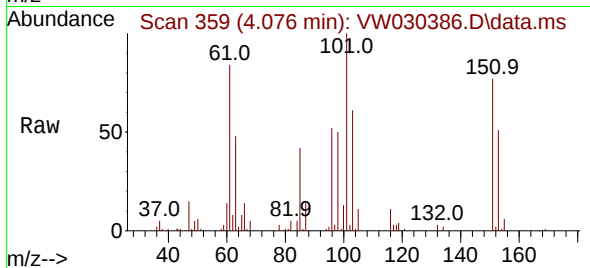
Tgt Ion:101 Resp: 48362

Ion Ratio Lower Upper

101 100

85 45.9 30.5 45.7#

151 74.7 52.9 79.3



#12

1,1-Dichloroethene

Concen: 21.543 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

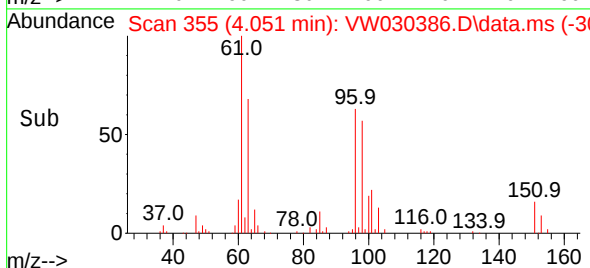
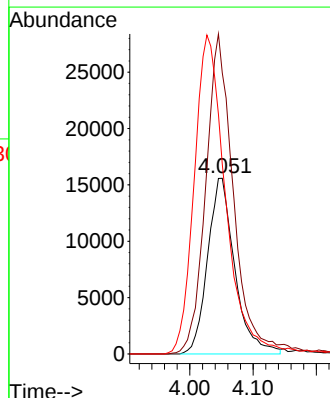
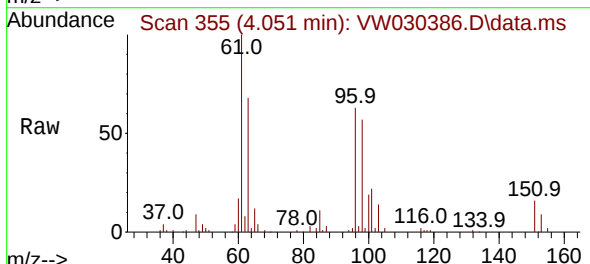
Tgt Ion: 96 Resp: 46534

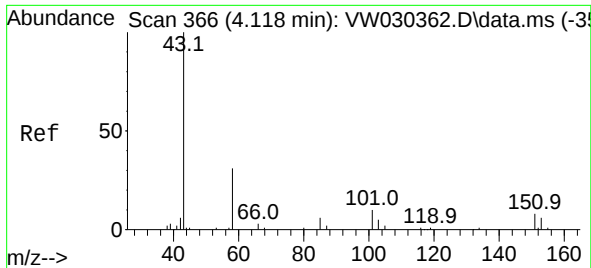
Ion Ratio Lower Upper

96 100

61 160.0 120.1 223.1

63 108.0 94.8 176.2

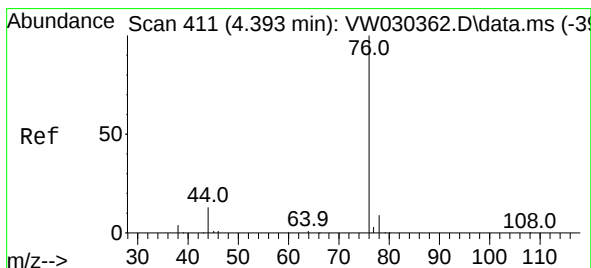
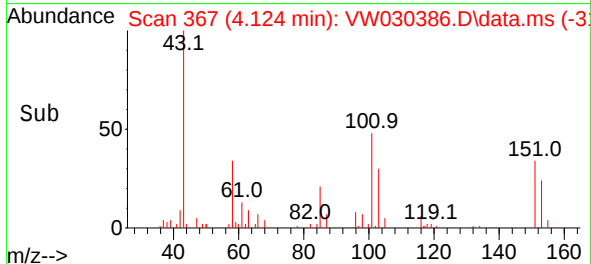
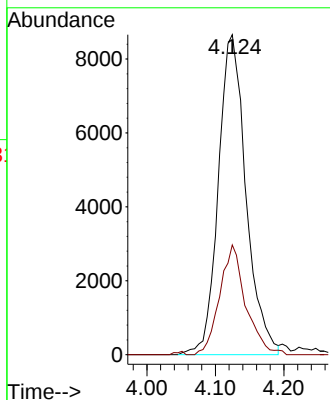
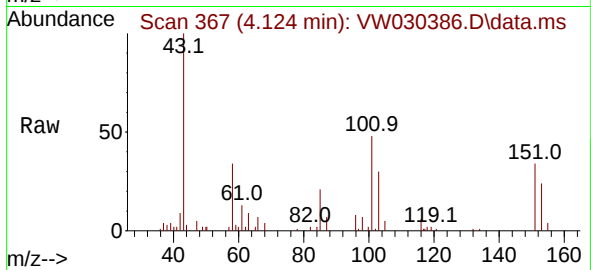




#13
Acetone
Concen: 39.133 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

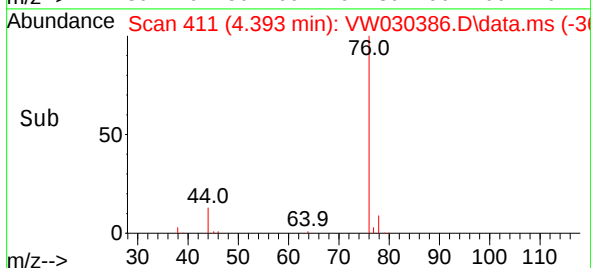
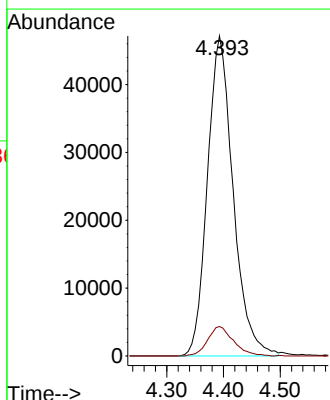
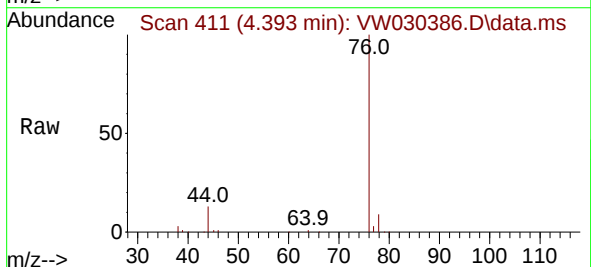
Instrument :
MSVOA_W
ClientSampleId :

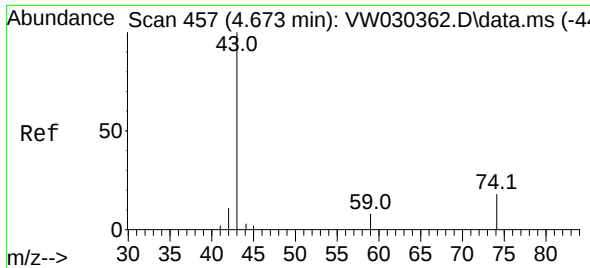
Tgt Ion: 43 Resp: 24254
Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.0



#14
Carbon disulfide
Concen: 20.694 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Tgt Ion: 76 Resp: 148652
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

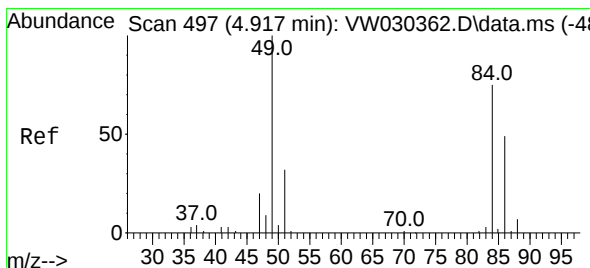
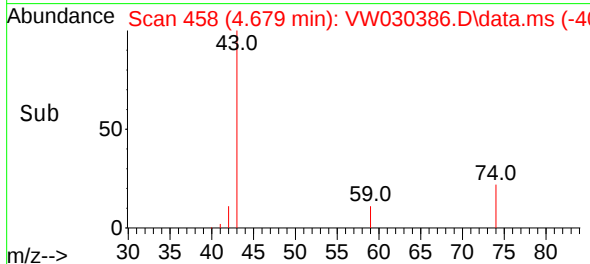
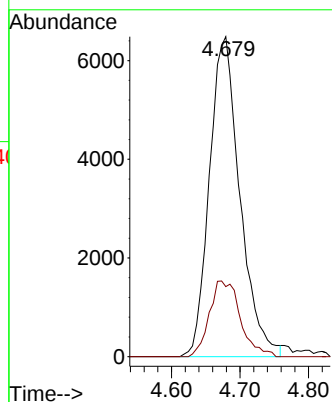
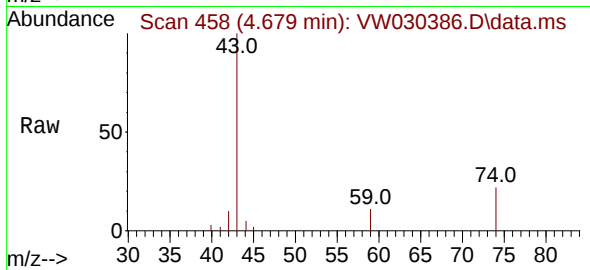




#15
Methyl Acetate
Concen: 19.837 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.006 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

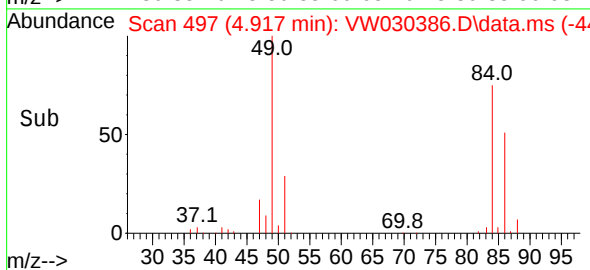
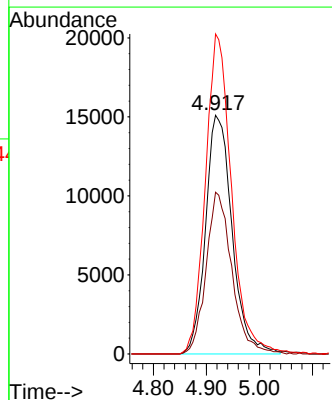
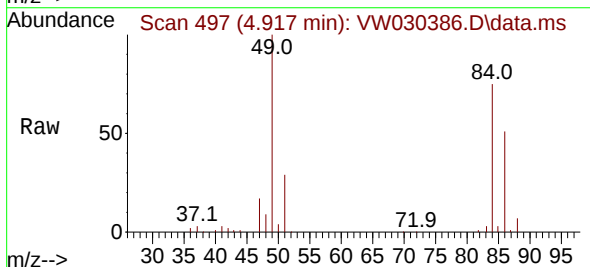
Instrument :
MSVOA_W
ClientSampleId :

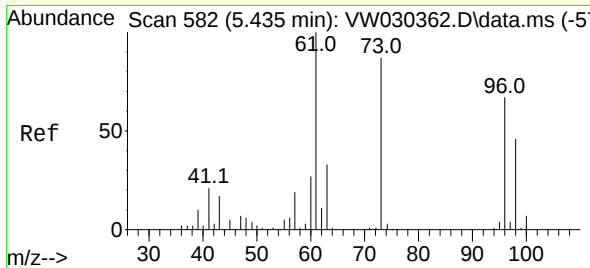
Tgt Ion: 43 Resp: 20053
Ion Ratio Lower Upper
43 100
74 13.6 19.8 29.6#



#16
Methylene chloride
Concen: 18.361 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Tgt Ion: 84 Resp: 52544
Ion Ratio Lower Upper
84 100
86 67.7 44.8 83.2
49 134.0 83.6 155.2





#17

trans-1,2-Dichloroethene

Concen: 20.836 ug/L

RT: 5.435 min Scan# 582

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

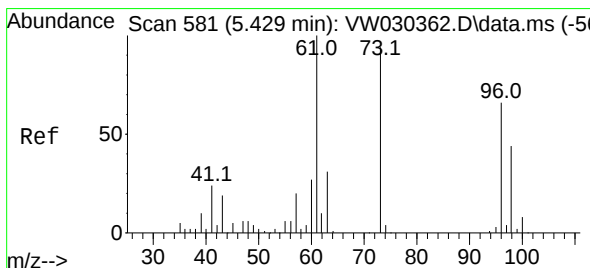
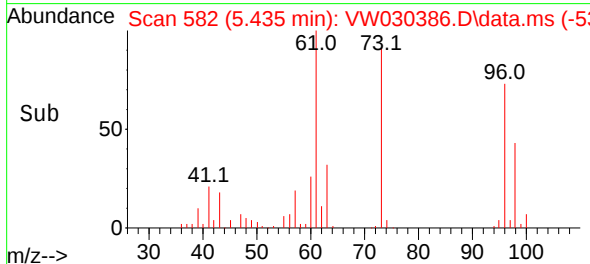
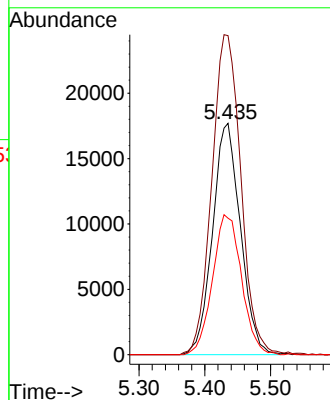
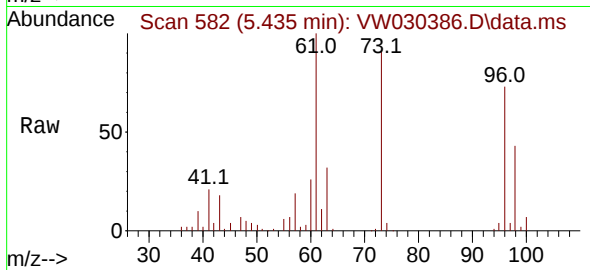
Tgt Ion: 96 Resp: 52247

Ion Ratio Lower Upper

96 100

61 137.9 100.3 186.3

98 59.0 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 19.613 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

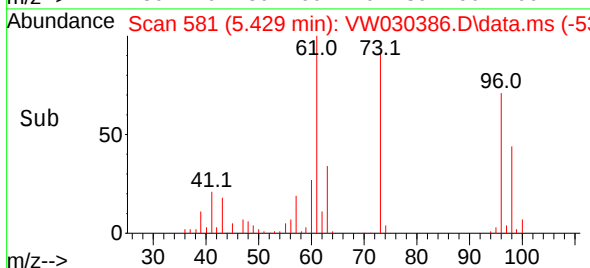
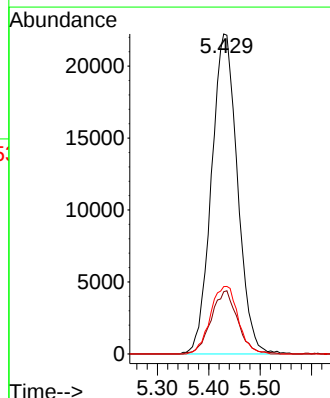
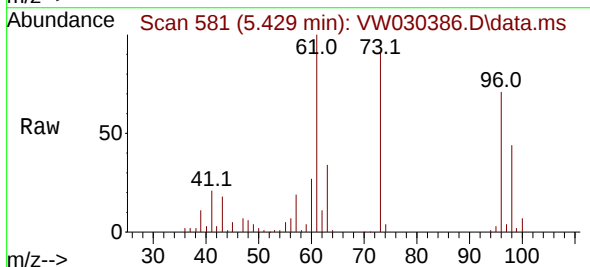
Tgt Ion: 73 Resp: 78224

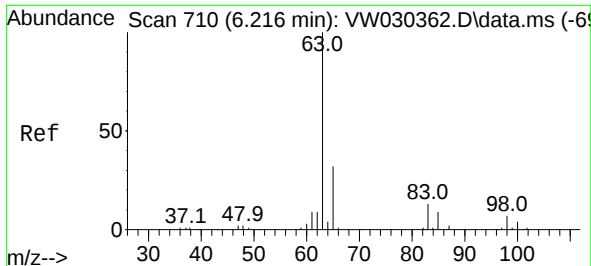
Ion Ratio Lower Upper

73 100

43 20.2 15.9 23.9

57 22.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 21.427 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

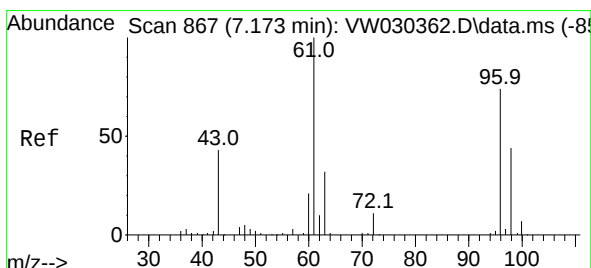
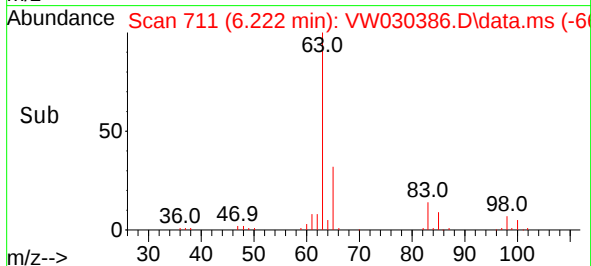
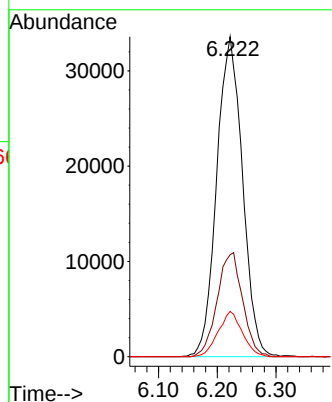
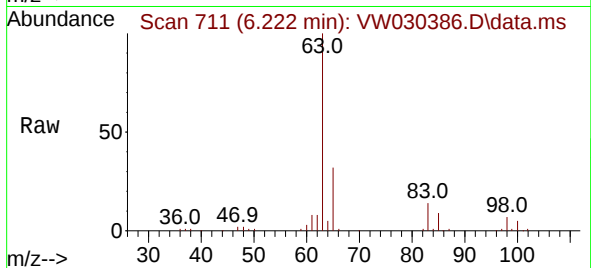
Tgt Ion: 63 Resp: 102323

Ion Ratio Lower Upper

63 100

65 31.8 20.7 38.5

83 14.2 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 20.740 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

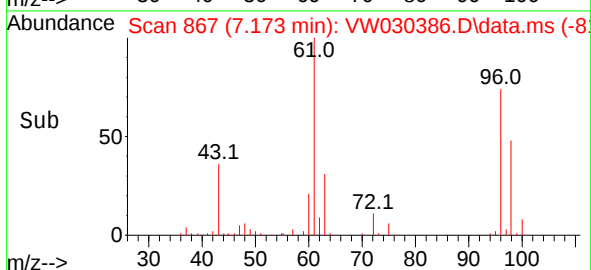
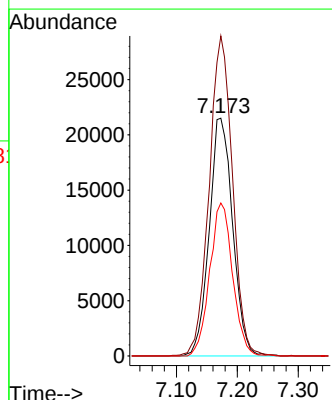
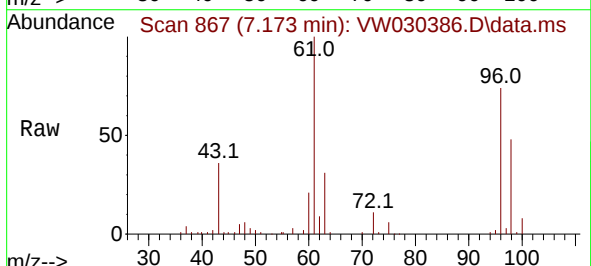
Tgt Ion: 96 Resp: 57460

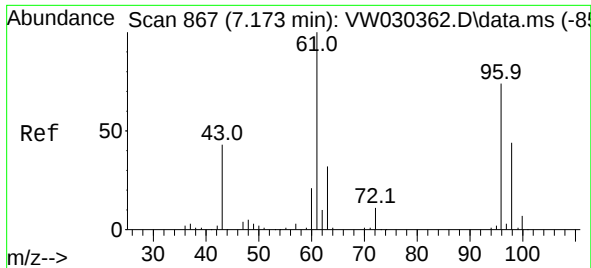
Ion Ratio Lower Upper

96 100

61 134.6 92.0 170.9

98 64.3 41.9 77.9





#22

2-Butanone

Concen: 37.688 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

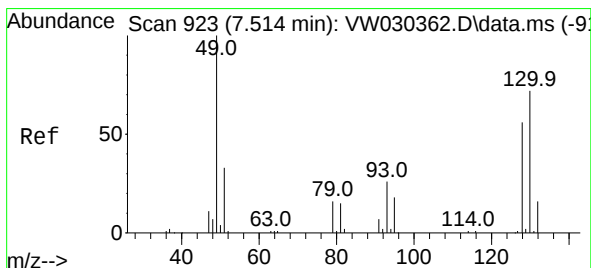
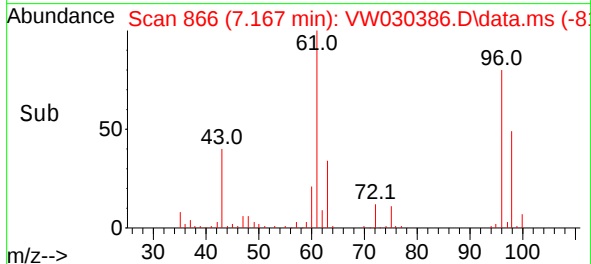
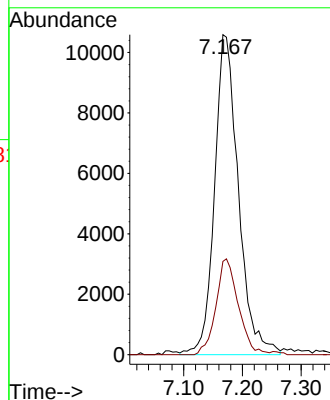
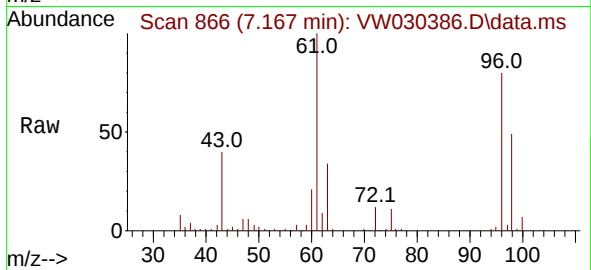
ClientSampleId :

Tgt Ion: 43 Resp: 29861

Ion Ratio Lower Upper

43 100

72 28.1 14.1 42.3



#23

Bromochloromethane

Concen: 20.396 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Tgt Ion: 128 Resp: 24669

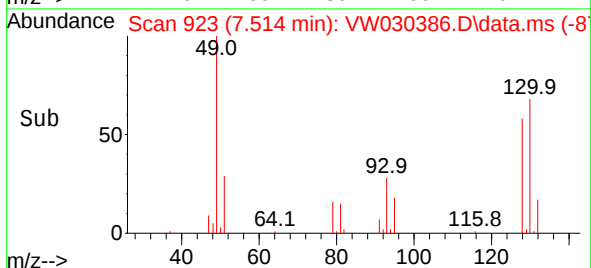
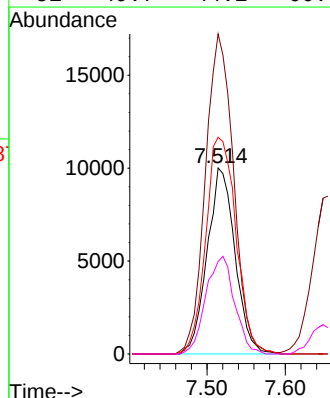
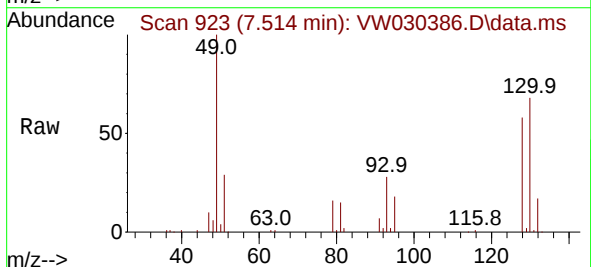
Ion Ratio Lower Upper

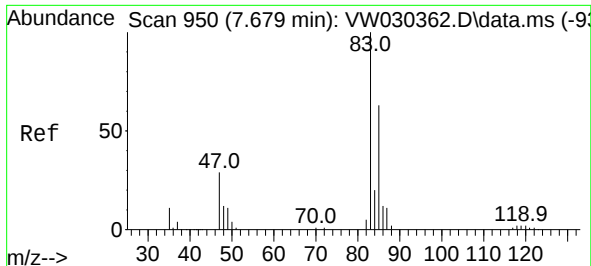
128 100

49 171.9 123.1 228.5

130 116.3 89.2 165.6

51 49.7 44.2 66.4





#25

Chloroform

Concen: 21.225 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

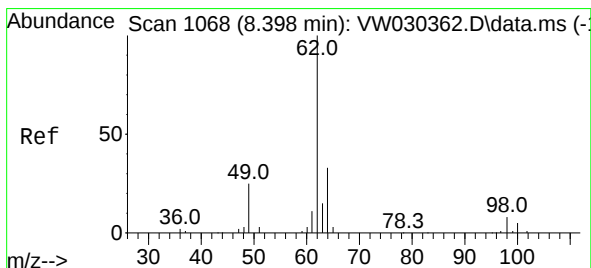
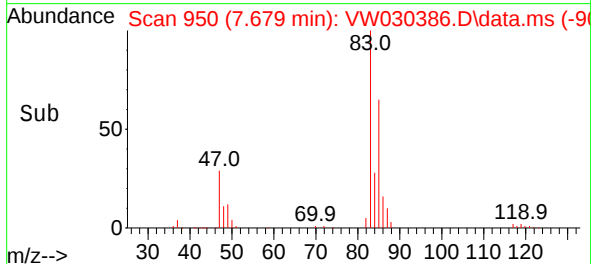
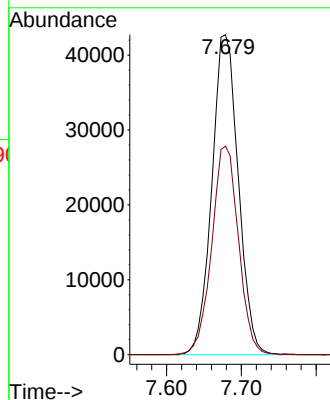
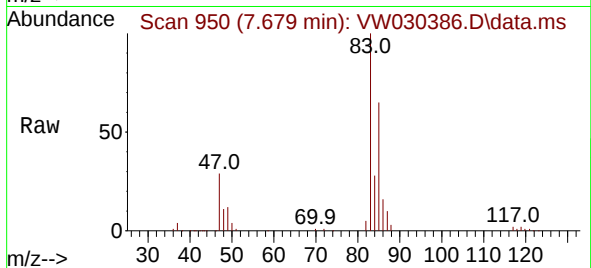
ClientSampleId :

Tgt Ion: 83 Resp: 105113

Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.0



#27

1,2-Dichloroethane

Concen: 20.849 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030386.D

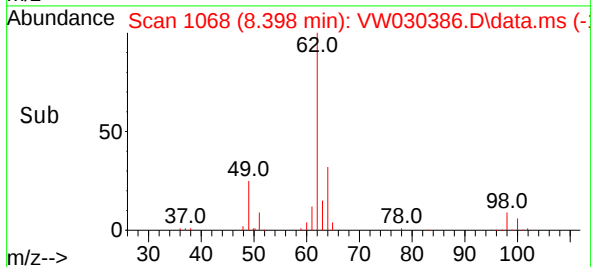
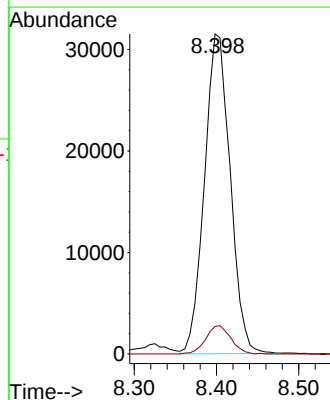
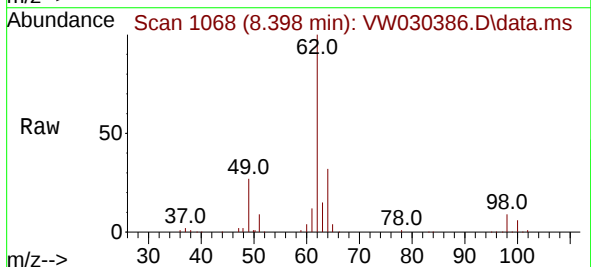
Acq: 04 Oct 2024 11:43

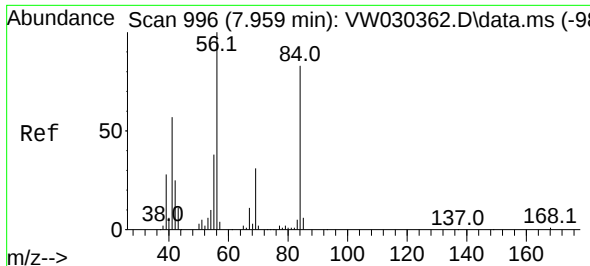
Tgt Ion: 62 Resp: 68478

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6





#29

Cyclohexane

Concen: 21.831 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

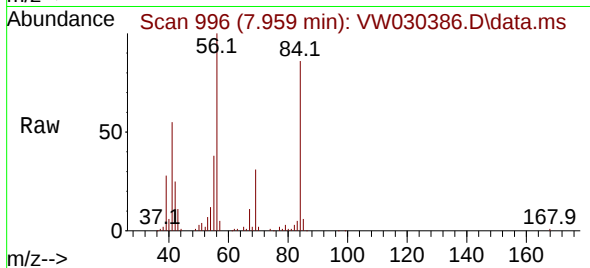
Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :



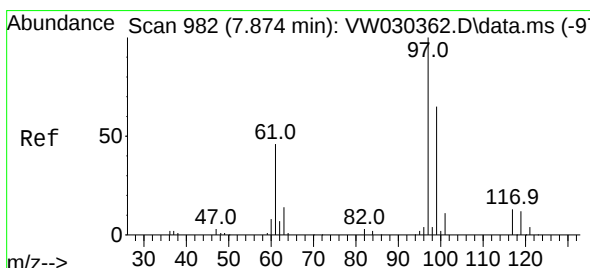
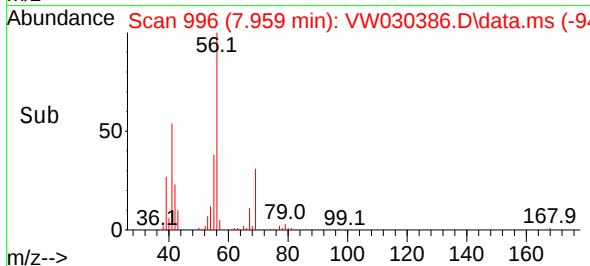
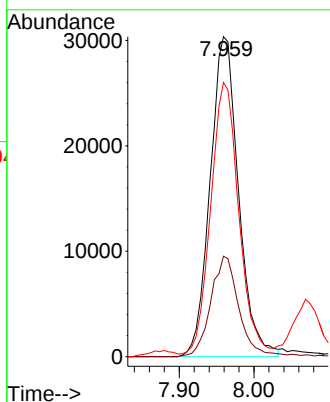
Tgt Ion: 56 Resp: 80441

Ion Ratio Lower Upper

56 100

69 30.8 24.5 36.7

84 85.1 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 22.278 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.006 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

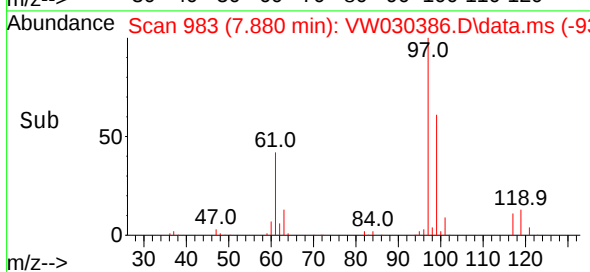
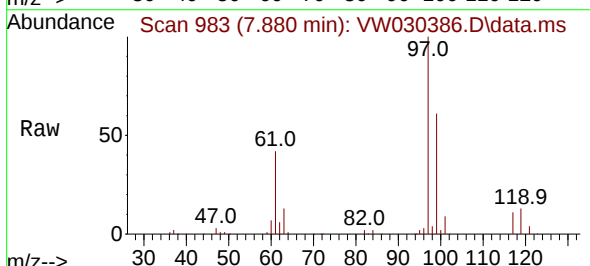
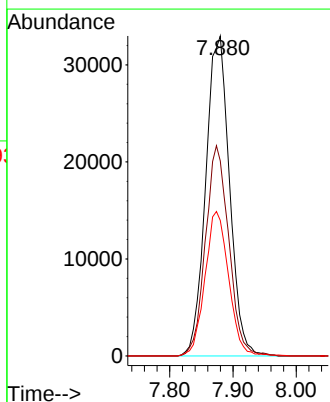
Tgt Ion: 97 Resp: 86265

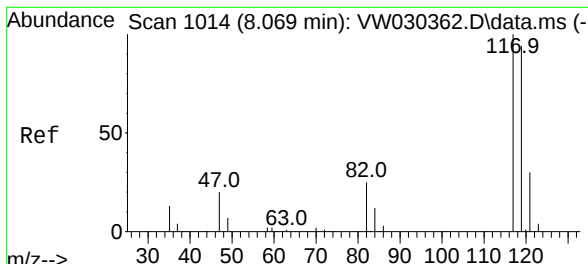
Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 44.9 34.1 51.1

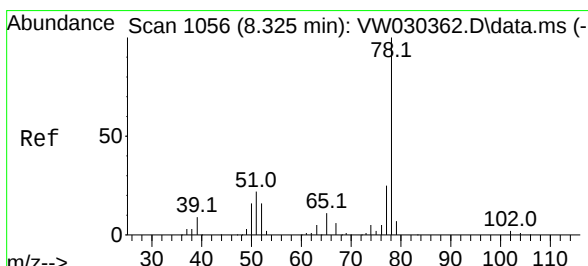
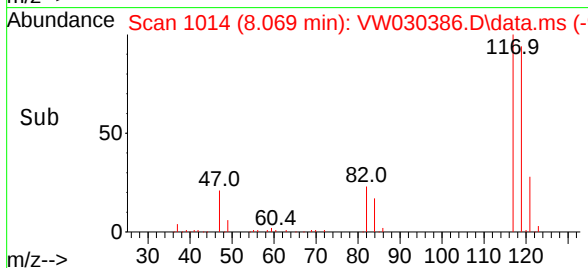
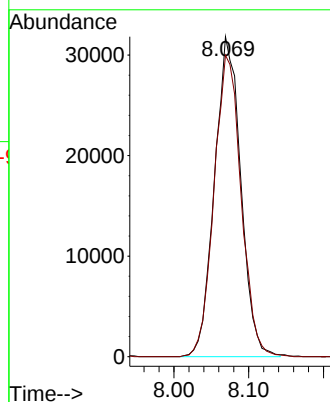
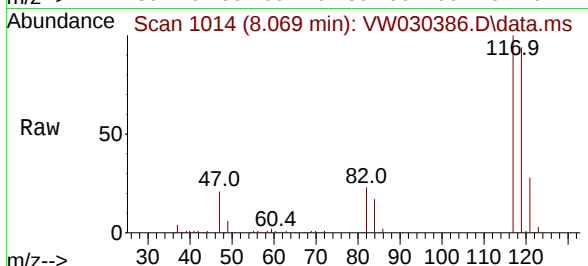




#31
Carbon tetrachloride
Concen: 22.500 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

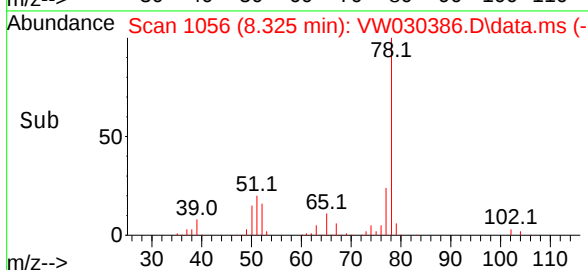
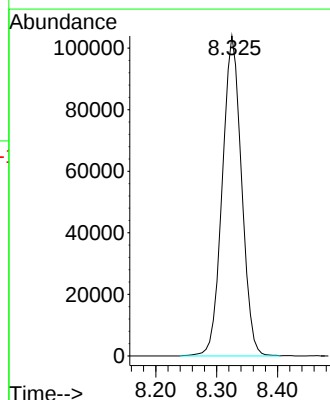
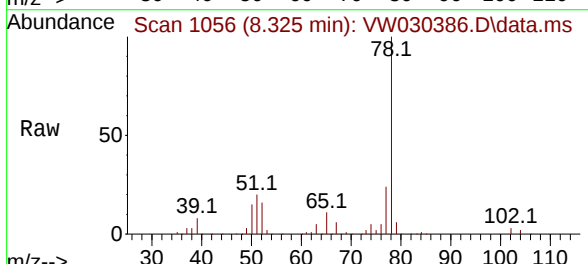
Instrument :
MSVOA_W
ClientSampleId :

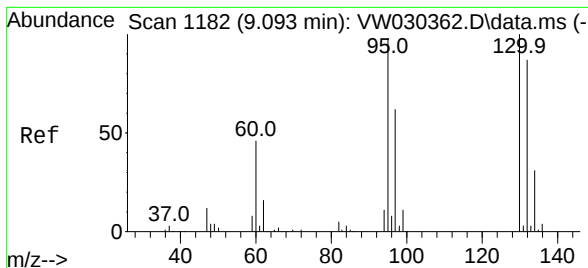
Tgt Ion:117 Resp: 77865
Ion Ratio Lower Upper
117 100
119 97.0 75.5 113.3



#33
Benzene
Concen: 22.408 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Tgt Ion: 78 Resp: 228137





#34

Trichloroethene

Concen: 21.533 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 58314

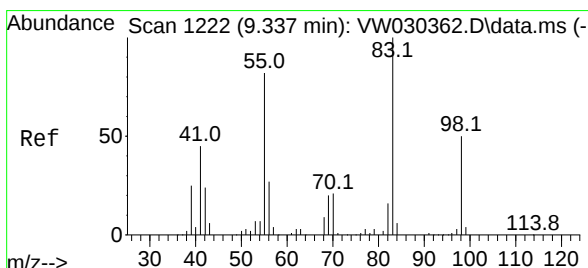
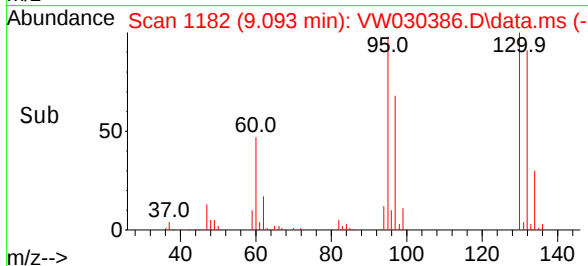
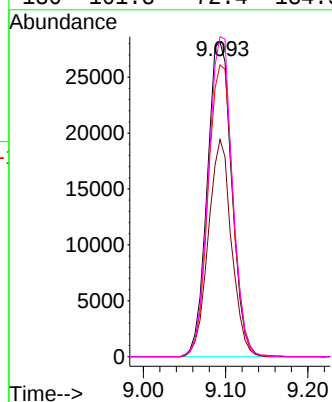
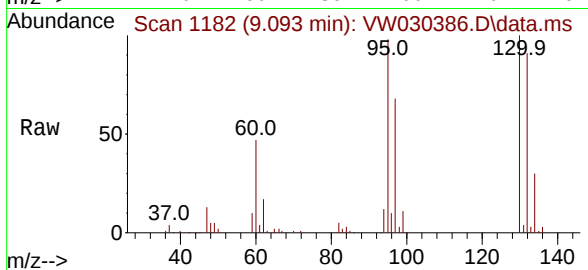
Ion Ratio Lower Upper

95 100

97 69.0 47.5 88.1

132 92.8 66.7 123.9

130 101.8 72.4 134.5



#35

Methylcyclohexane

Concen: 22.866 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

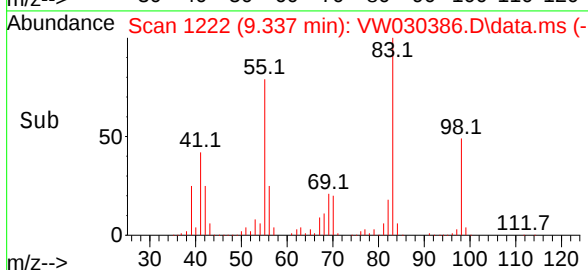
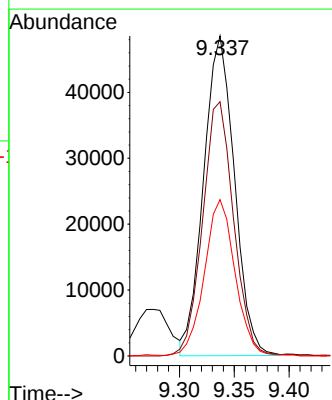
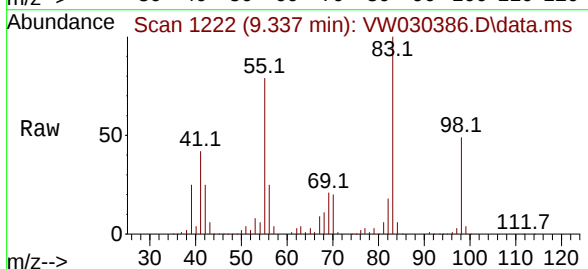
Tgt Ion: 83 Resp: 95032

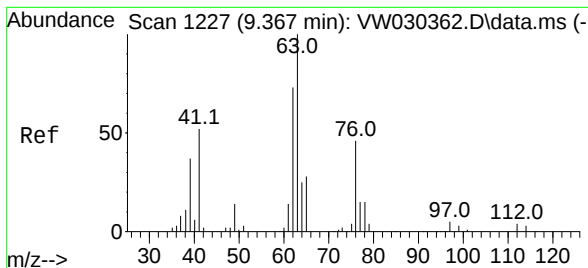
Ion Ratio Lower Upper

83 100

55 80.0 61.7 92.5

98 48.3 37.2 55.8





#37

1,2-Dichloropropane

Concen: 22.004 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

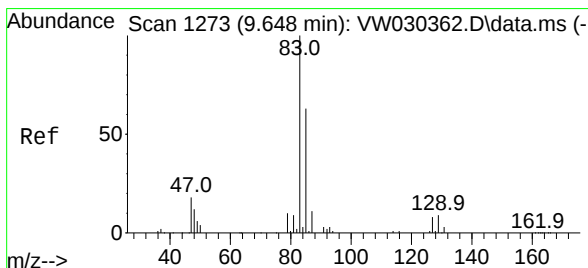
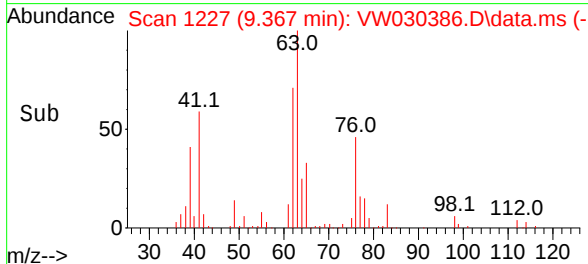
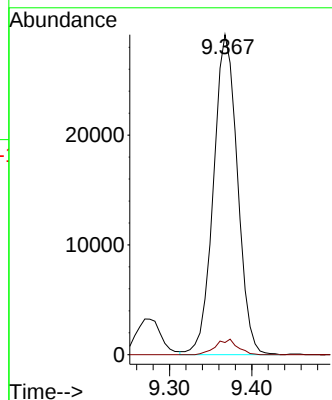
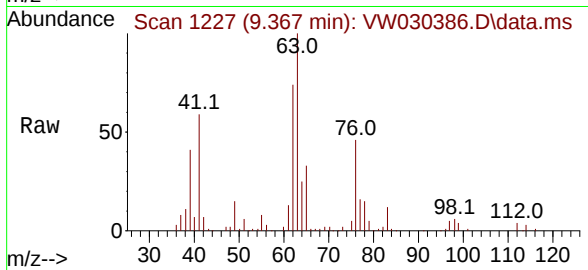
ClientSampleId :

Tgt Ion: 63 Resp: 59108

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 21.522 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

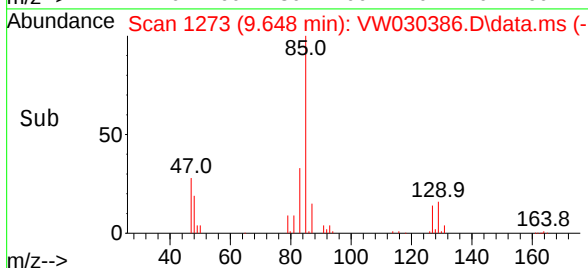
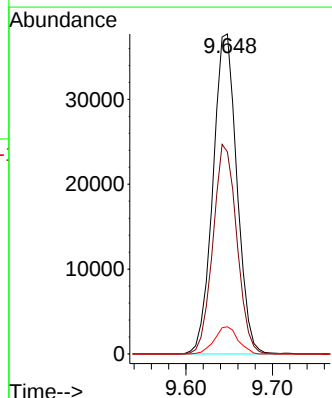
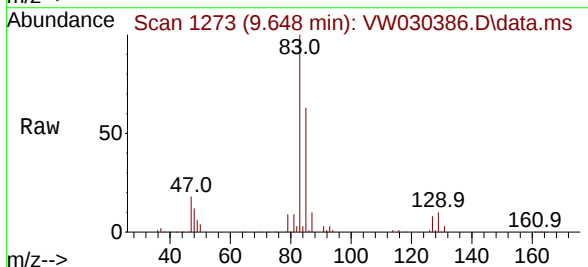
Tgt Ion: 83 Resp: 72585

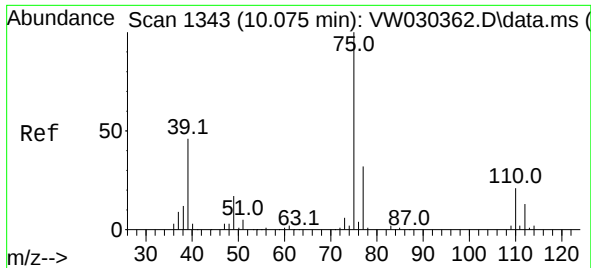
Ion Ratio Lower Upper

83 100

85 63.1 43.5 80.7

127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 21.119 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

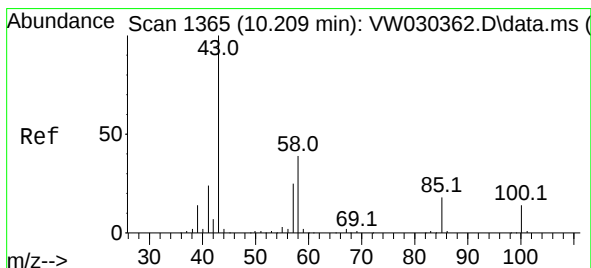
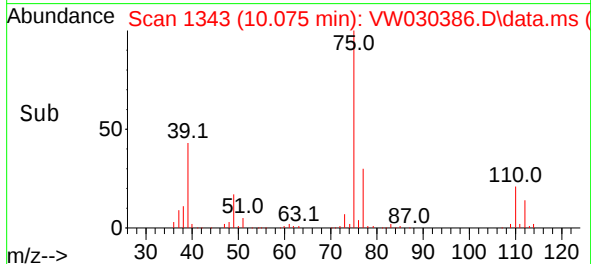
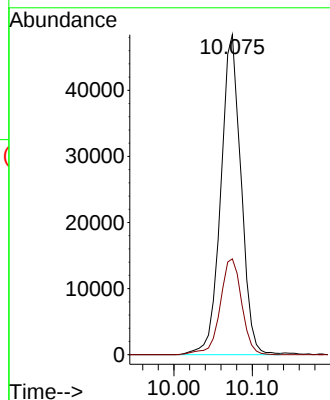
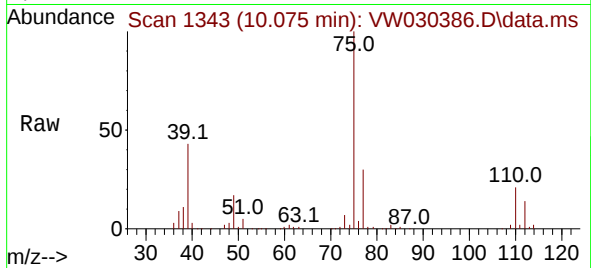
ClientSampleId :

Tgt Ion: 75 Resp: 86987

Ion Ratio Lower Upper

75 100

77 29.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 40.296 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

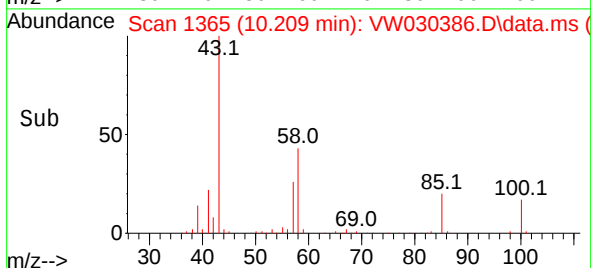
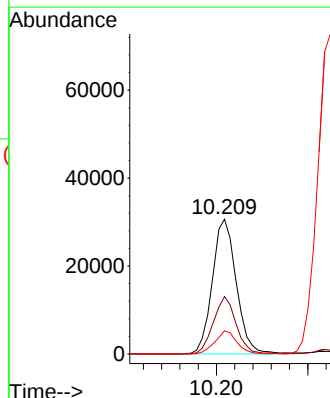
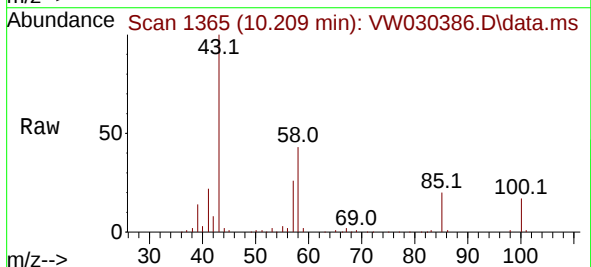
Tgt Ion: 43 Resp: 55676

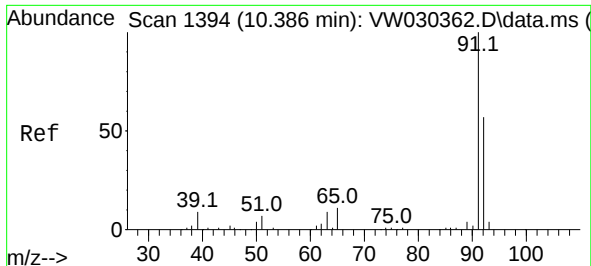
Ion Ratio Lower Upper

43 100

58 40.6 32.6 48.8

100 15.8 12.5 18.7





#42

Toluene

Concen: 22.471 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

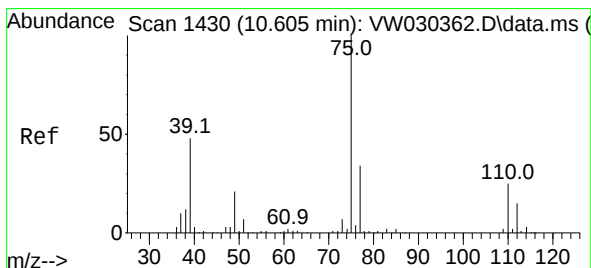
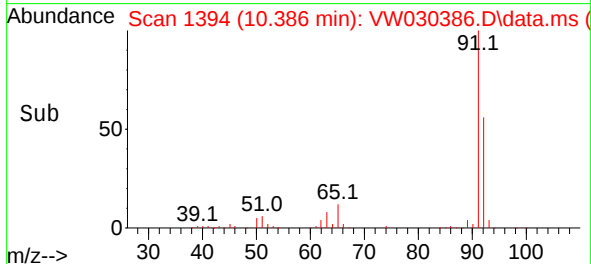
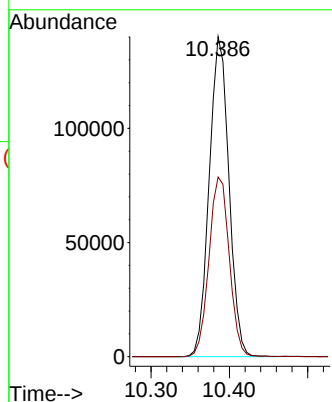
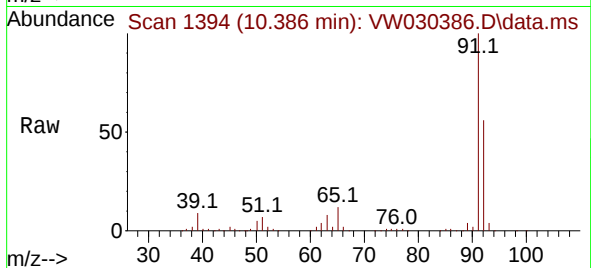
ClientSampleId :

Tgt Ion: 91 Resp: 244925

Ion Ratio Lower Upper

91 100

92 56.2 42.3 78.5



#44

trans-1,3-Dichloropropene

Concen: 20.926 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030386.D

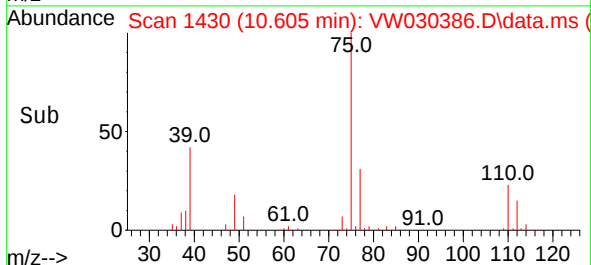
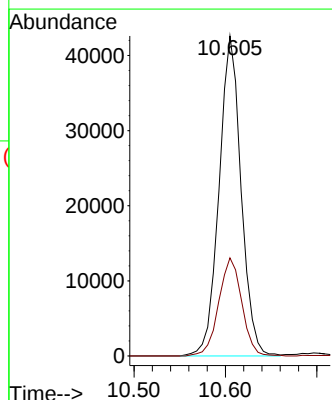
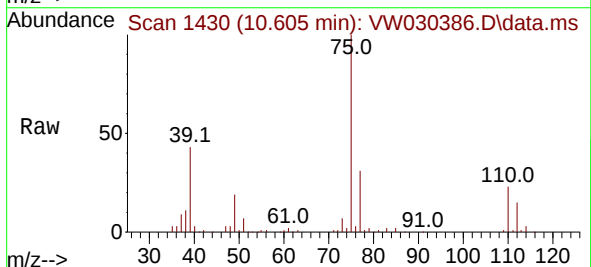
Acq: 04 Oct 2024 11:43

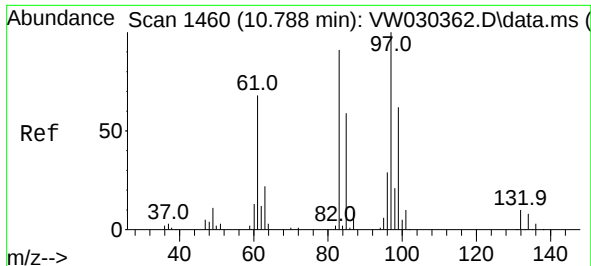
Tgt Ion: 75 Resp: 71421

Ion Ratio Lower Upper

75 100

77 30.7 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 21.000 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 39753

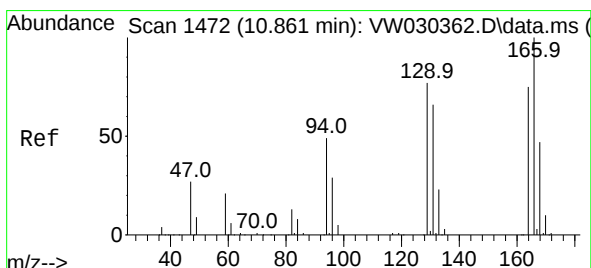
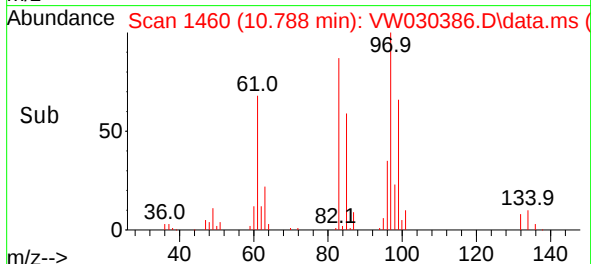
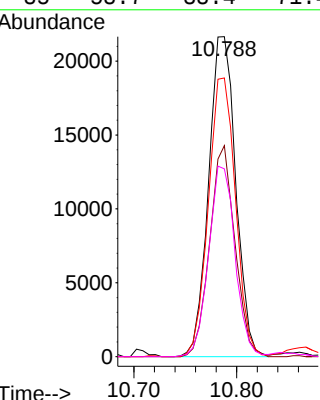
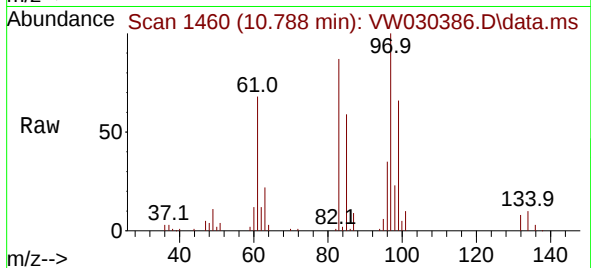
Ion Ratio Lower Upper

97 100

99 66.0 40.8 75.8

83 87.1 59.1 109.7

85 58.7 38.4 71.4



#46

Tetrachloroethene

Concen: 21.586 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Tgt Ion:164 Resp: 43724

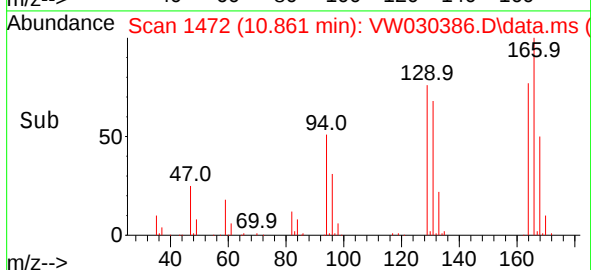
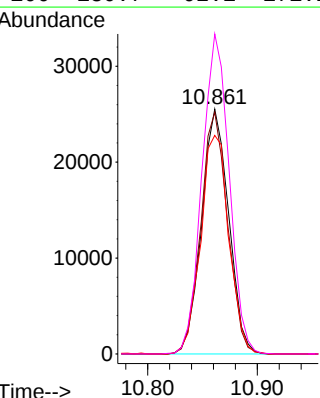
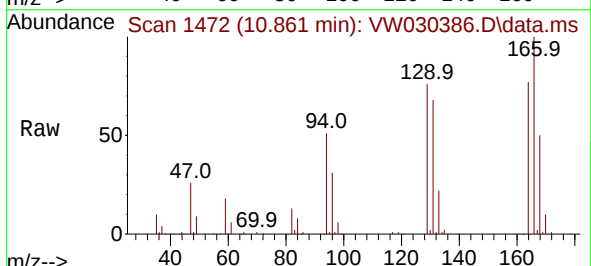
Ion Ratio Lower Upper

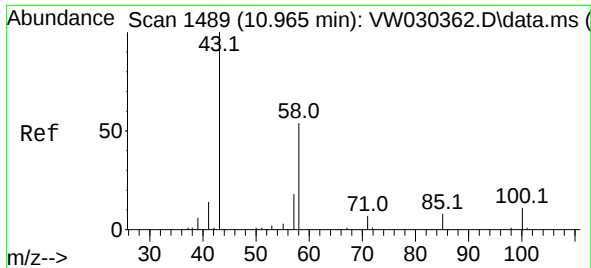
164 100

129 98.8 67.2 124.8

131 89.3 65.9 122.3

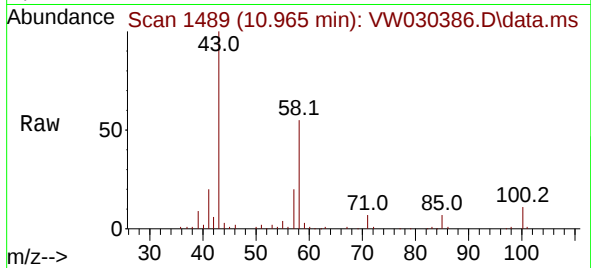
166 130.7 92.1 171.1



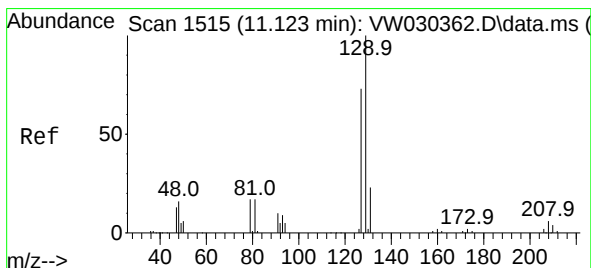
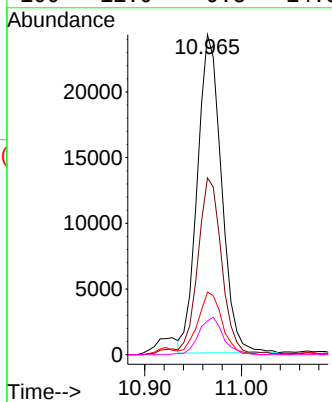
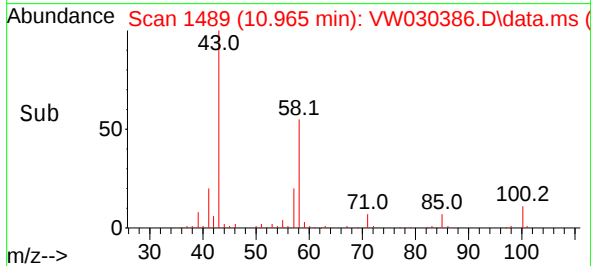


#48
2-Hexanone
Concen: 41.321 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

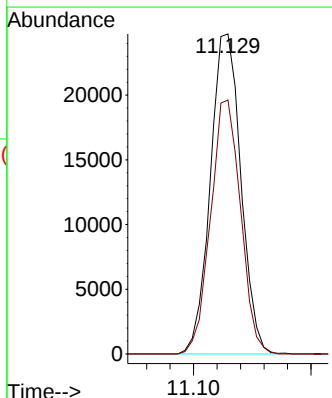
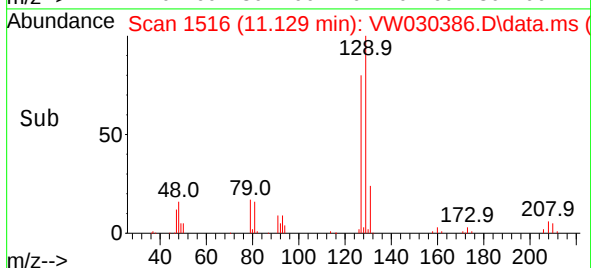
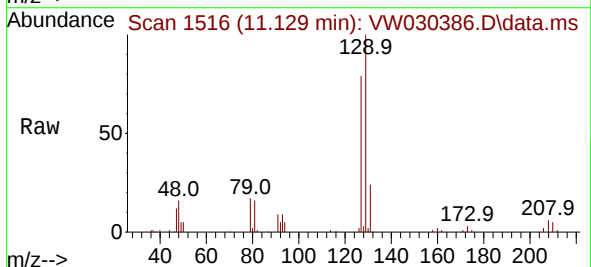


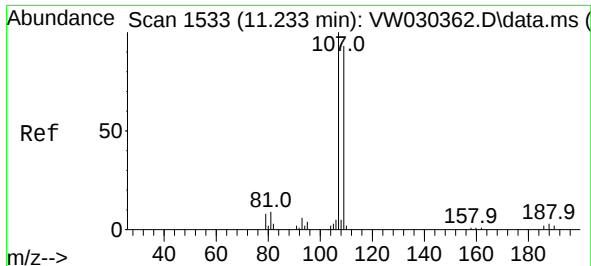
Tgt Ion: 43 Resp: 42040
Ion Ratio Lower Upper
43 100
58 55.0 46.1 69.1
57 19.9 15.3 22.9
100 11.9 9.8 14.8



#49
Dibromochloromethane
Concen: 20.972 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Tgt Ion: 129 Resp: 44678
Ion Ratio Lower Upper
129 100
127 79.3 57.2 106.2





#50

1,2-Dibromoethane

Concen: 21.000 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

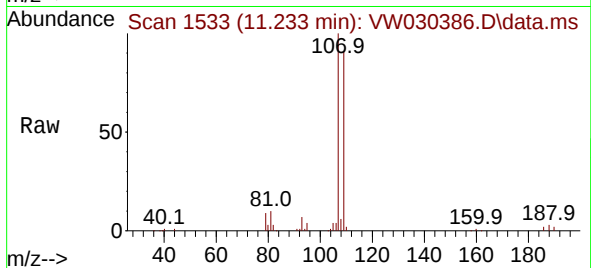
Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

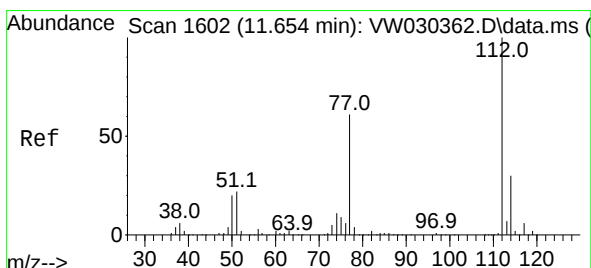
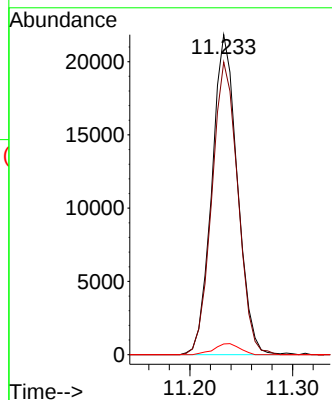
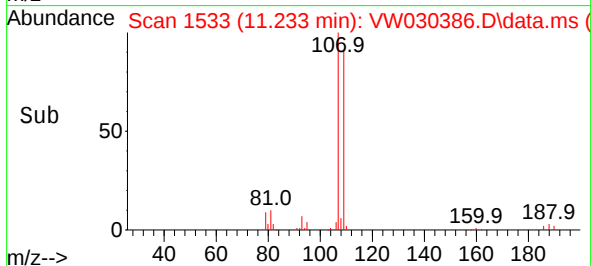
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	37615
Ion Ratio	Lower	Upper	
107	100		
109	91.4	67.8	125.8
188	3.4	2.9	4.3



#51

Chlorobenzene

Concen: 21.434 ug/L

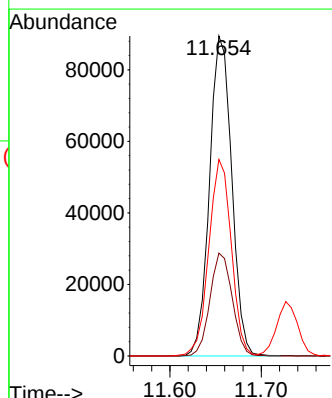
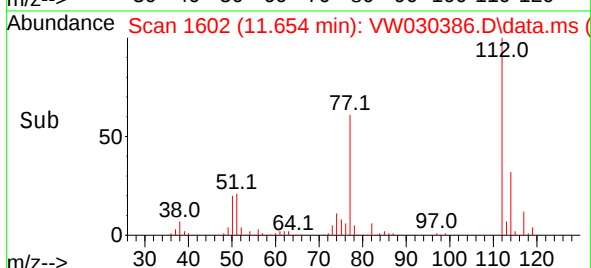
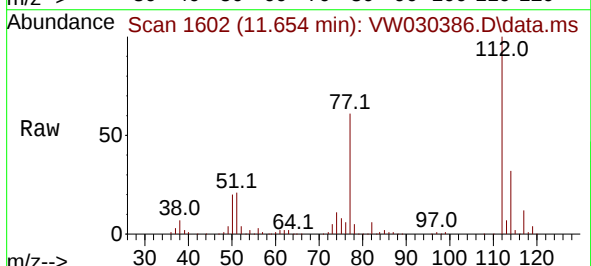
RT: 11.654 min Scan# 1602

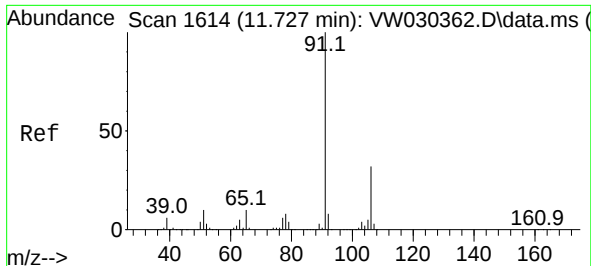
Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Tgt Ion:	112	Resp:	150972
Ion Ratio	Lower	Upper	
112	100		
114	32.2	21.5	39.9
77	61.4	46.7	70.1





#52

Ethylbenzene

Concen: 22.551 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

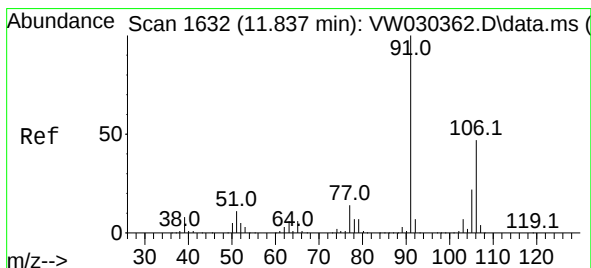
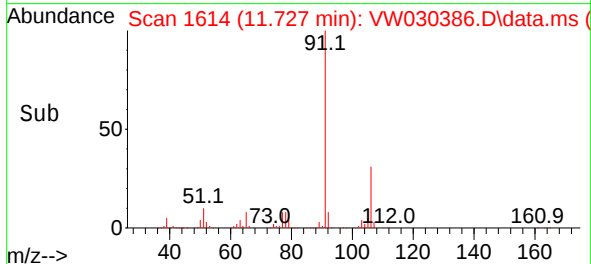
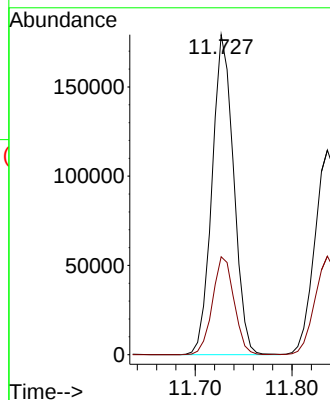
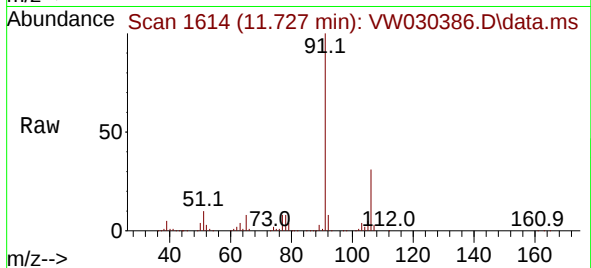
ClientSampleId :

Tgt Ion: 91 Resp: 278457

Ion Ratio Lower Upper

91 100

106 30.6 21.8 40.6



#53

m,p-Xylene

Concen: 22.263 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030386.D

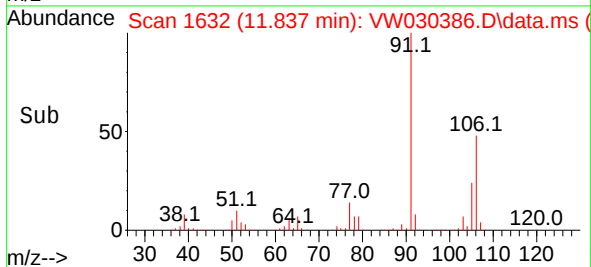
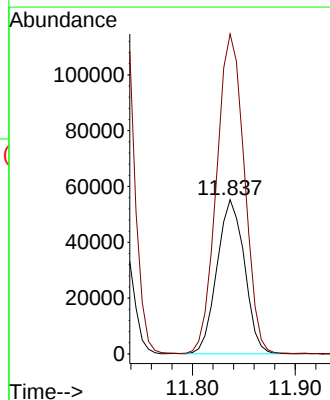
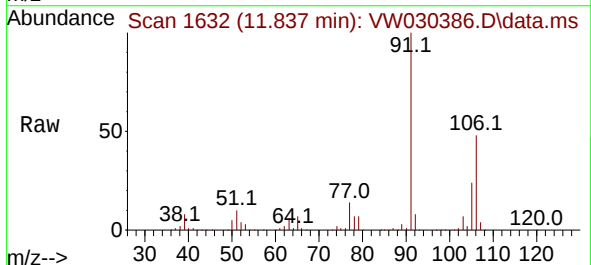
Acq: 04 Oct 2024 11:43

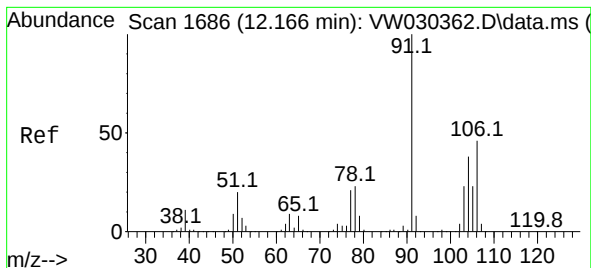
Tgt Ion: 106 Resp: 102619

Ion Ratio Lower Upper

106 100

91 207.5 144.4 268.2





#54

o-Xylene

Concen: 22.019 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

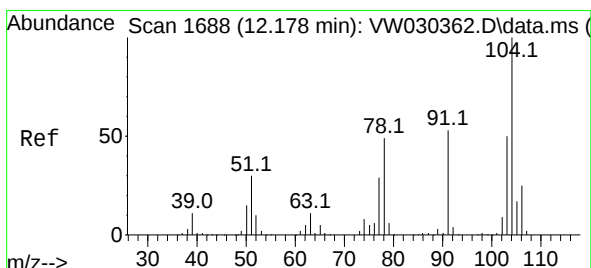
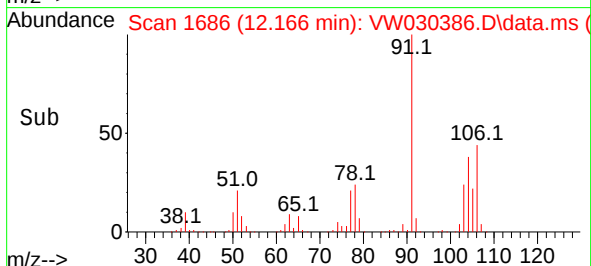
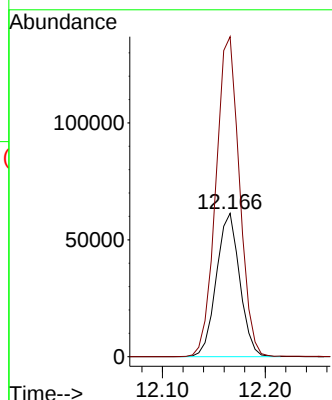
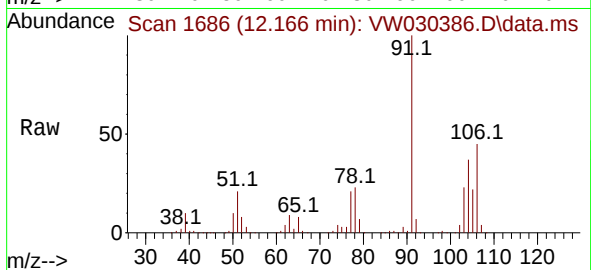
ClientSampleId :

Tgt Ion:106 Resp: 96603

Ion Ratio Lower Upper

106 100

91 223.3 153.6 285.2



#55

Styrene

Concen: 22.623 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030386.D

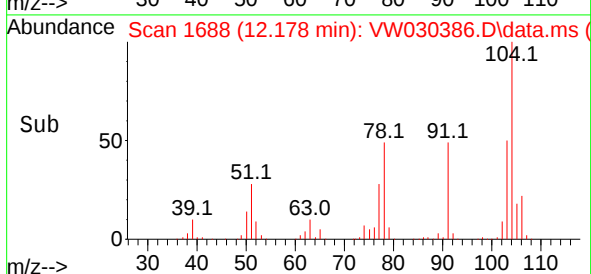
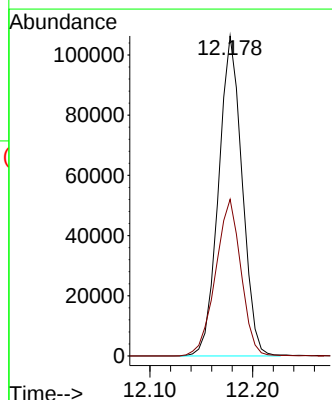
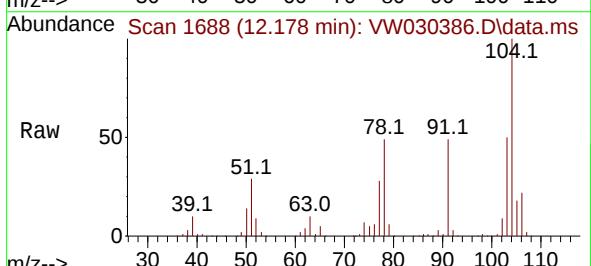
Acq: 04 Oct 2024 11:43

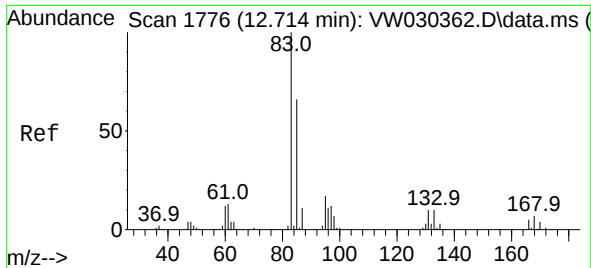
Tgt Ion:104 Resp: 169315

Ion Ratio Lower Upper

104 100

78 49.0 34.6 64.3

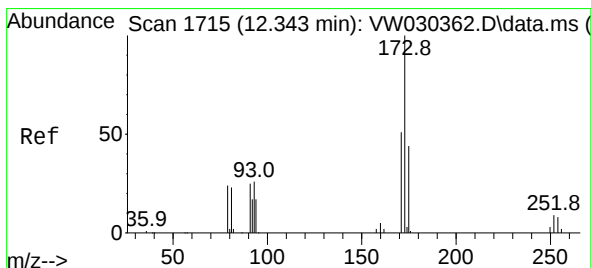
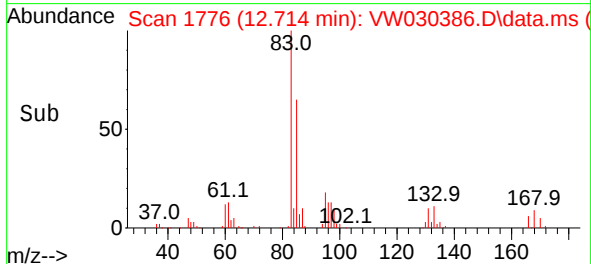
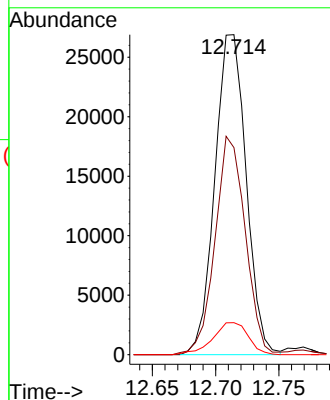
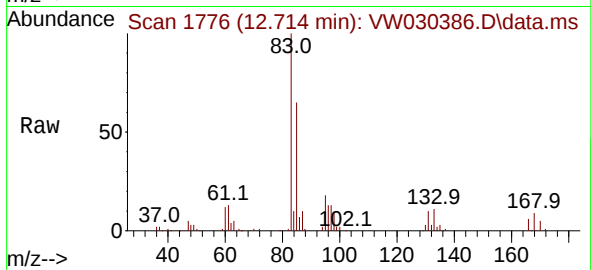




#57
1,1,2,2-Tetrachloroethane
Concen: 20.889 ug/L
RT: 12.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

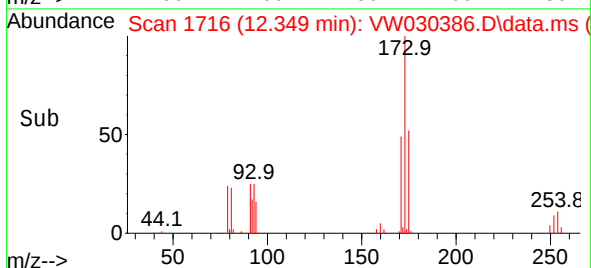
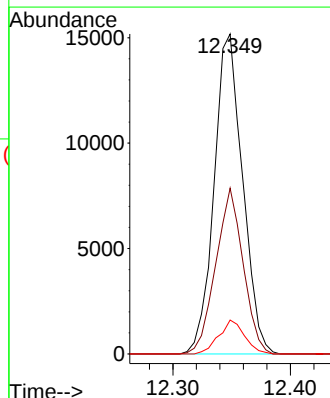
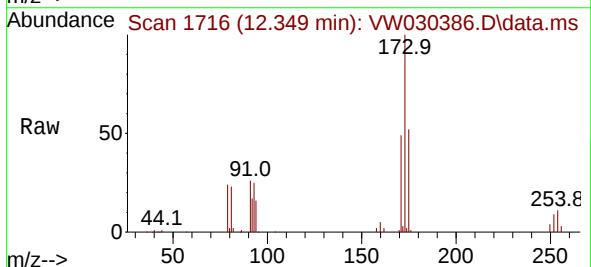
Instrument :
MSVOA_W
ClientSampleId :

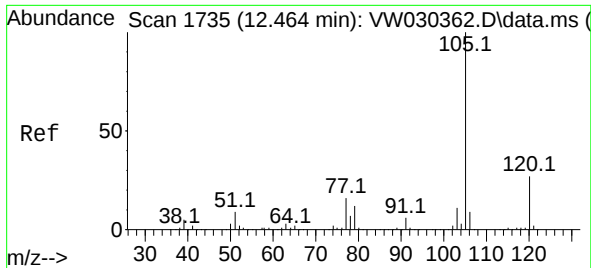
Tgt Ion: 83 Resp: 46312
Ion Ratio Lower Upper
83 100
85 64.7 43.9 81.5
131 10.0 7.1 10.7



#59
Bromoform
Concen: 20.514 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Tgt Ion:173 Resp: 25538
Ion Ratio Lower Upper
173 100
175 49.8 38.7 58.1
254 9.6 7.4 11.2

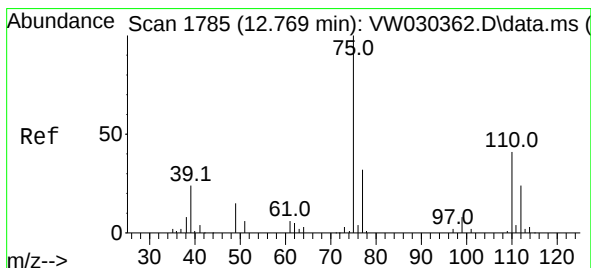
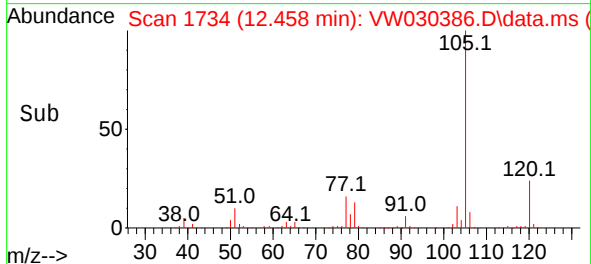
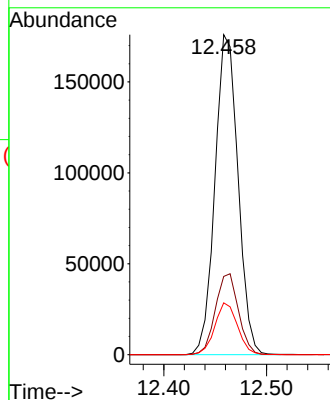
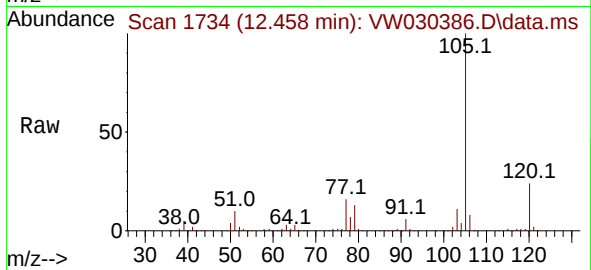




#60
Isopropylbenzene
Concen: 22.430 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

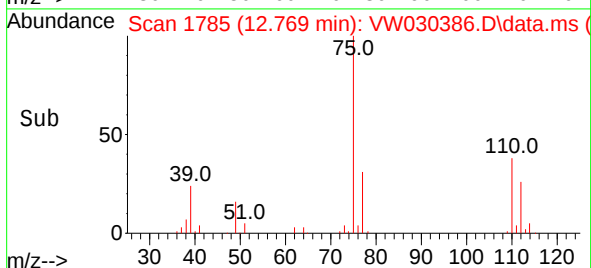
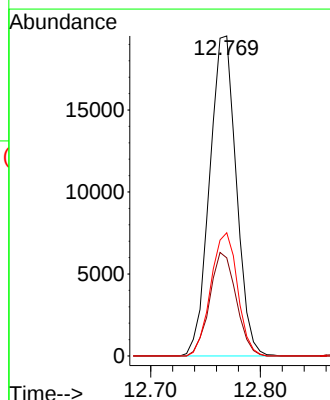
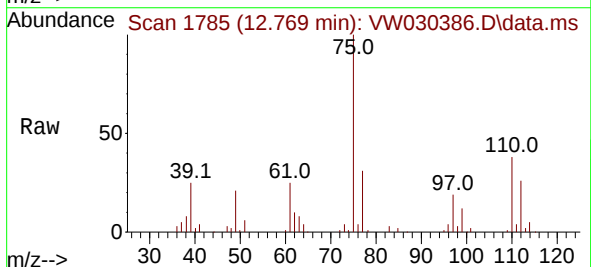
Instrument :
MSVOA_W
ClientSampleId :

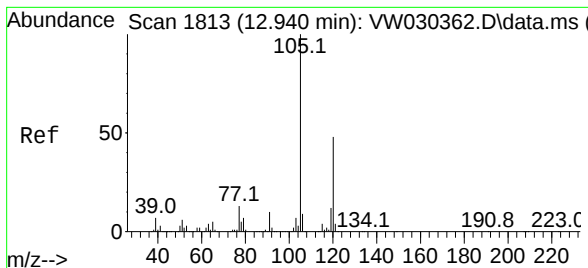
Tgt Ion:105 Resp: 273582
Ion Ratio Lower Upper
105 100
120 25.3 21.2 31.8
77 16.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 20.202 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Tgt Ion: 75 Resp: 33002
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
110 38.6 30.8 46.2

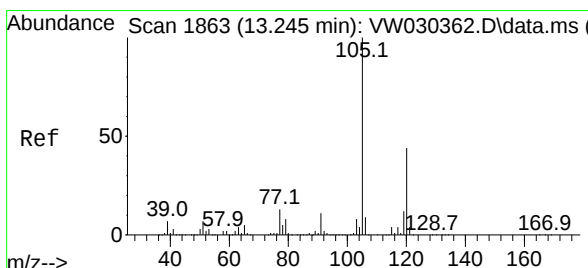
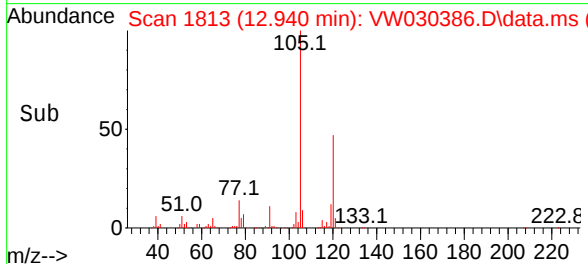
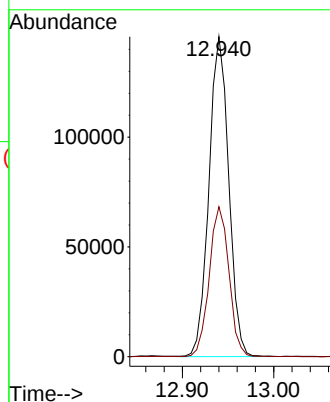
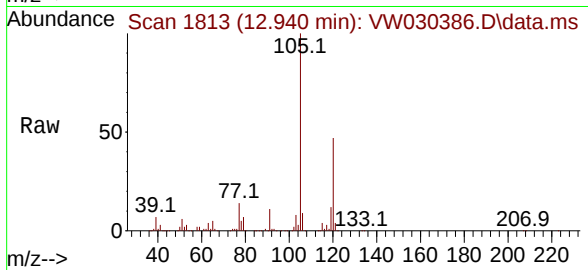




#62
1,3,5-Trimethylbenzene
Concen: 22.199 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

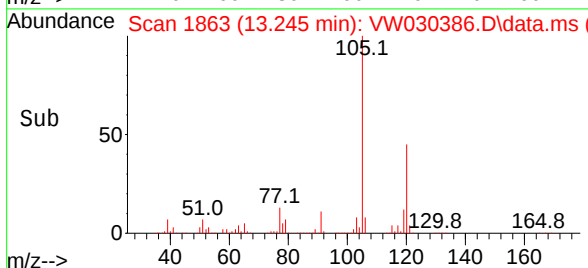
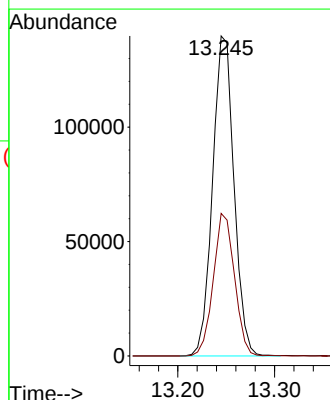
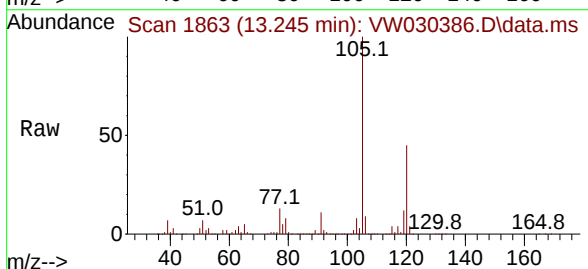
Instrument :
MSVOA_W
ClientSampleId :

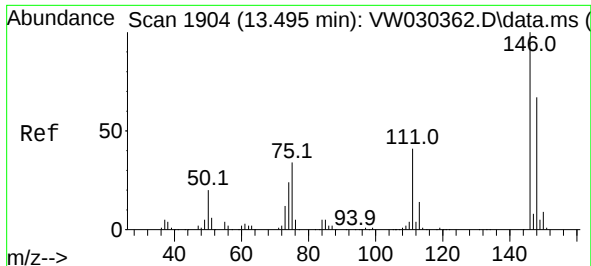
Tgt Ion:105 Resp: 219000
Ion Ratio Lower Upper
105 100
120 46.5 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 22.068 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Tgt Ion:105 Resp: 215103
Ion Ratio Lower Upper
105 100
120 44.1 34.4 51.6





#64

1,3-Dichlorobenzene

Concen: 21.655 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

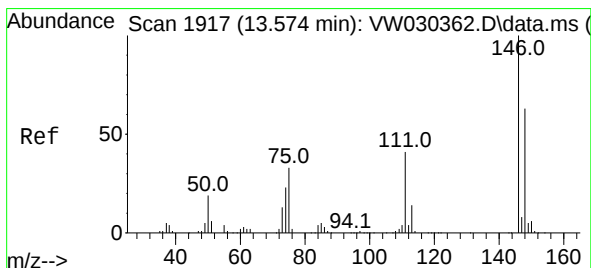
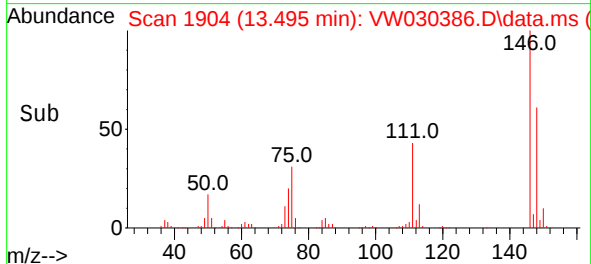
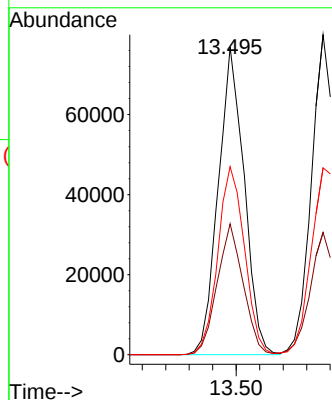
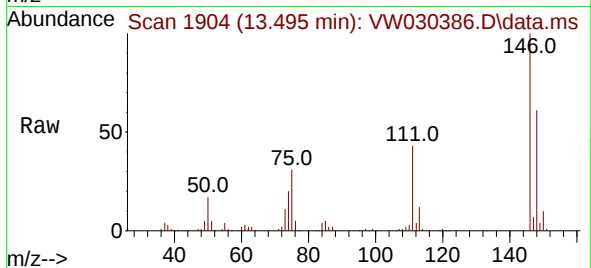
Tgt Ion:146 Resp: 118035

Ion Ratio Lower Upper

146 100

111 42.5 33.2 61.6

148 61.1 50.4 93.6



#65

1,4-Dichlorobenzene

Concen: 21.532 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

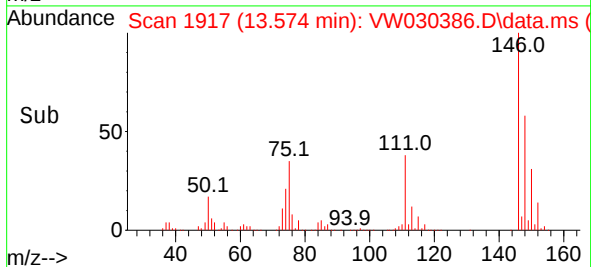
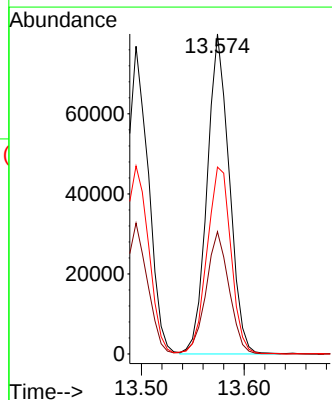
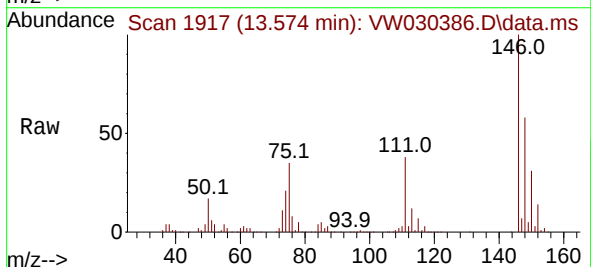
Tgt Ion:146 Resp: 119893

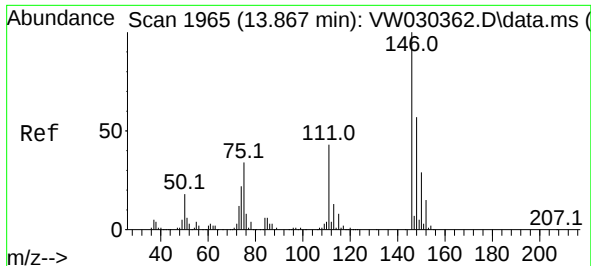
Ion Ratio Lower Upper

146 100

111 38.2 29.1 54.1

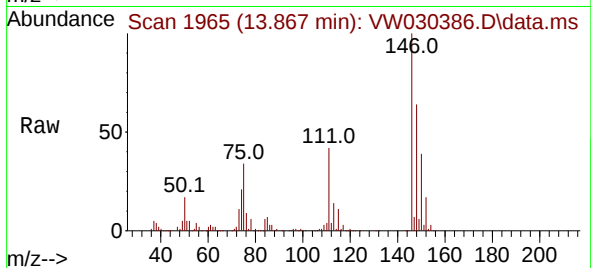
148 58.4 42.1 78.1



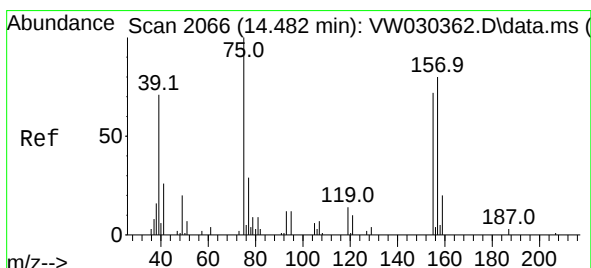
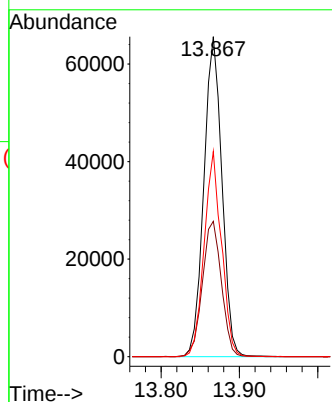
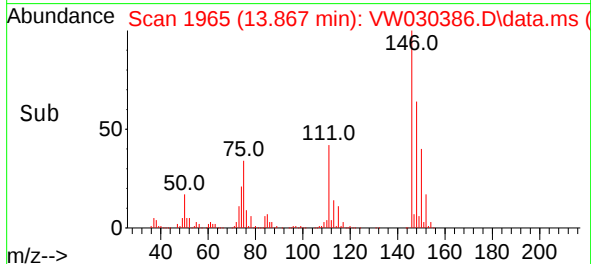


#67
1,2-Dichlorobenzene
Concen: 21.611 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

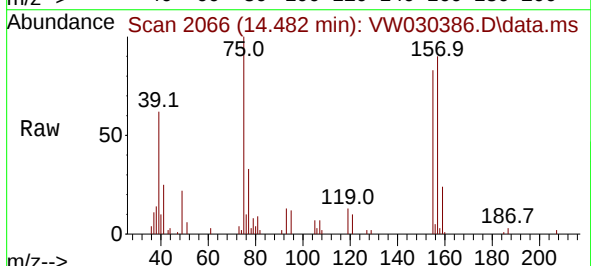
Instrument :
MSVOA_W
ClientSampleId :



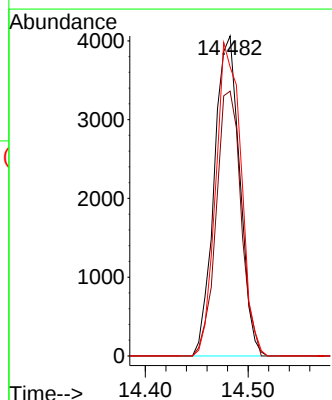
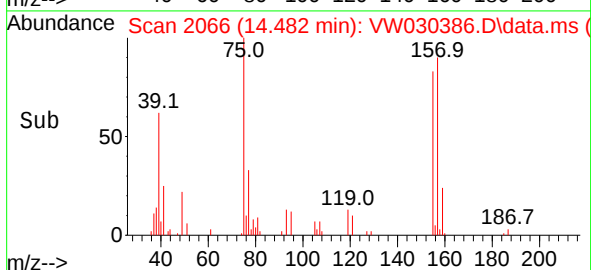
Tgt Ion:146 Resp: 105015
Ion Ratio Lower Upper
146 100
111 42.3 40.1 60.1
148 64.1 55.7 83.5

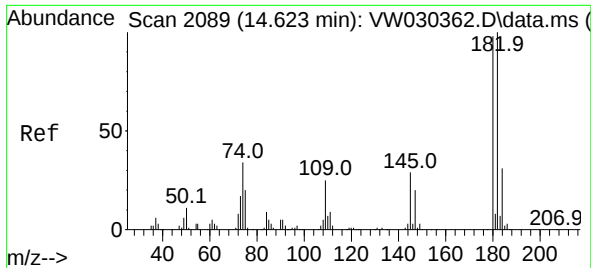


#68
1,2-Dibromo-3-chloropropane
Concen: 18.678 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43



Tgt Ion: 75 Resp: 6991
Ion Ratio Lower Upper
75 100
155 82.8 60.1 90.1
157 90.3 74.3 111.5





#69

1,3,5-Trichlorobenzene

Concen: 20.166 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

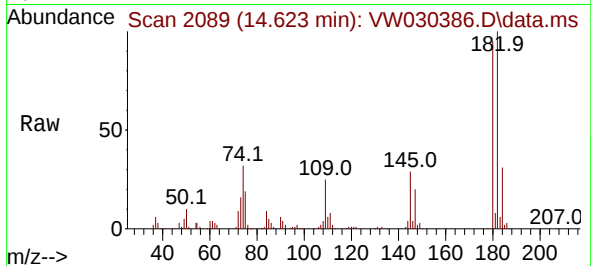
Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 75865

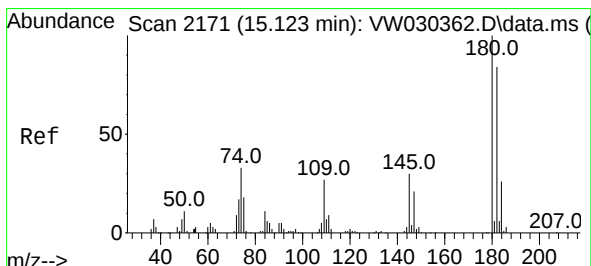
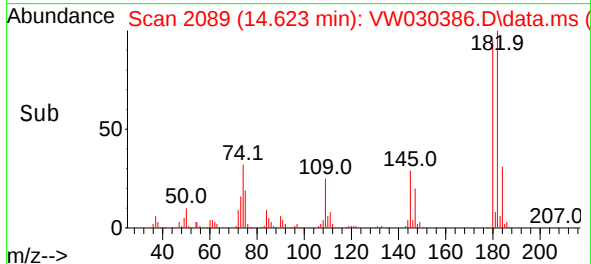
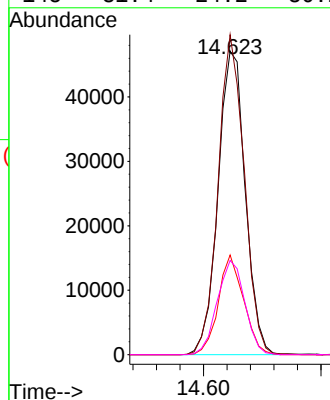
Ion Ratio Lower Upper

180 100

182 100.9 77.4 116.2

184 30.5 24.5 36.7

145 31.4 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 19.685 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030386.D

Acq: 04 Oct 2024 11:43

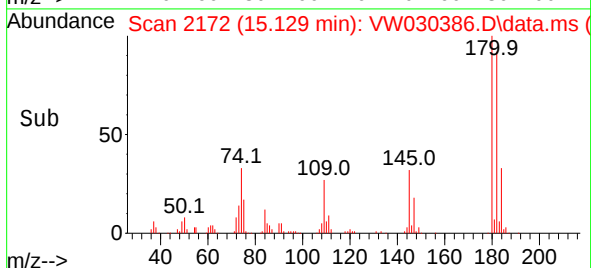
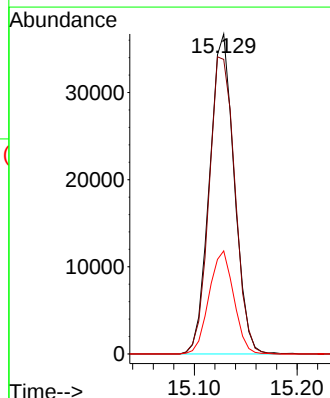
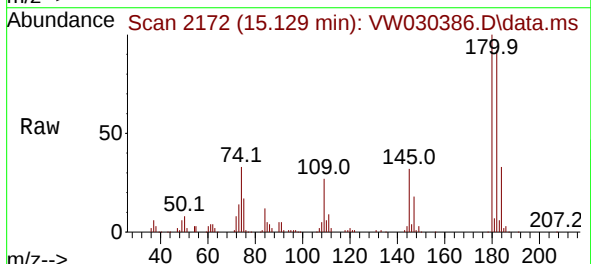
Tgt Ion:180 Resp: 61313

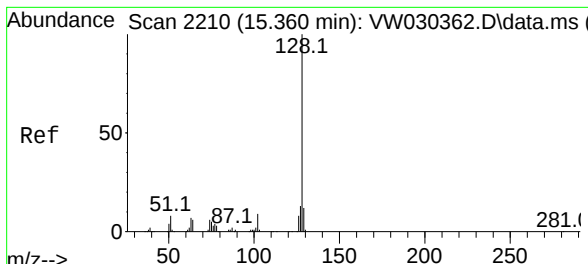
Ion Ratio Lower Upper

180 100

182 97.1 77.2 115.8

145 32.1 25.3 37.9



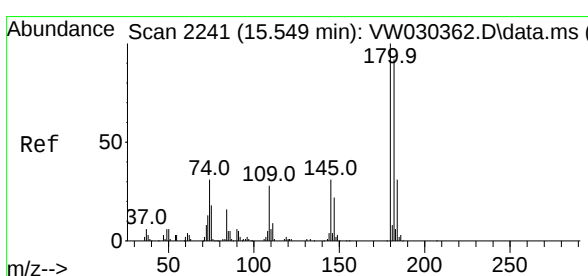
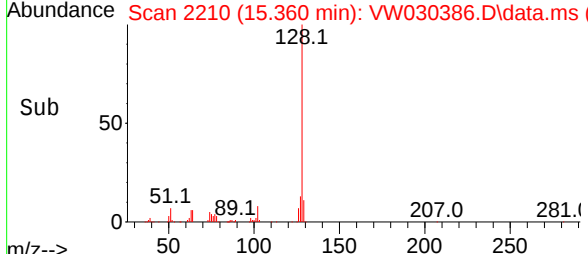
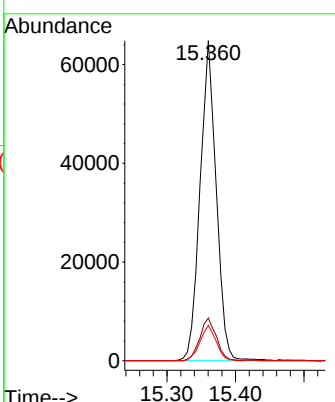
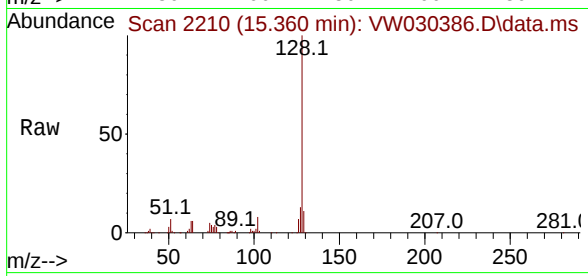


#71
Naphthalene
Concen: 18.683 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 106440

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.8	16.2
129	11.0	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 19.511 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030386.D
Acq: 04 Oct 2024 11:43

Tgt Ion:180 Resp: 53195

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.6	113.4
145	34.2	25.6	38.4

