

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100324\
 Data File : VW030362.D
 Acq On : 03 Oct 2024 09:38
 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 04 01:02:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 03 05:10:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	182135	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	167954	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86489	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	39282	27.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.400%
7) Chloroethane-d5	2.905	69	30293	29.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.000%
11) 1,1-Dichloroethene-d2	4.027	65	23984	23.086	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.360%
21) 2-Butanone-d5	7.081	46	24948	43.588	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.180%
24) Chloroform-d	7.654	84	107834	22.038	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.160%
26) 1,2-Dichloroethane-d4	8.307	65	57887	22.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.680%
32) Benzene-d6	8.276	84	208268	22.125	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.480%
36) 1,2-Dichloropropane-d6	9.276	67	64849	22.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.640%
41) Toluene-d8	10.325	98	187624	21.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.960%
43) trans-1,3-Dichloroprop...	10.581	79	24937	21.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.922	63	21189	45.323	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	48736	23.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	60481	21.062	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	47606	23.913	ug/L	95
3) Chloromethane	2.222	50	43803	28.086	ug/L	96
5) Vinyl chloride	2.375	62	51545	31.090	ug/L	98
6) Bromomethane	2.796	94	30926	28.026	ug/L	95
8) Chloroethane	2.942	64	28762	31.798	ug/L	99
9) Trichlorofluoromethane	3.271	101	58371	27.330	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	52452	24.651	ug/L #	93
12) 1,1-Dichloroethene	4.045	96	51148	24.172	ug/L	93
13) Acetone	4.118	43	32981	54.321	ug/L	100
14) Carbon disulfide	4.393	76	164109	23.322	ug/L	100
15) Methyl Acetate	4.673	43	23363	23.592	ug/L	95
16) Methylene chloride	4.917	84	55576	19.825	ug/L	91
17) trans-1,2-Dichloroethene	5.435	96	54979	22.382	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	86598	22.165	ug/L	99
19) 1,1-Dichloroethane	6.216	63	110354	23.590	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	60488	22.288	ug/L	97
22) 2-Butanone	7.173	43	37305	48.064	ug/L	96
23) Bromochloromethane	7.514	128	25270	21.328	ug/L	97
25) Chloroform	7.679	83	111709	23.026	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100324\
 Data File : VW030362.D
 Acq On : 03 Oct 2024 09:38
 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 04 01:02:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 03 05:10:23 2024
 Response via : Initial Calibration

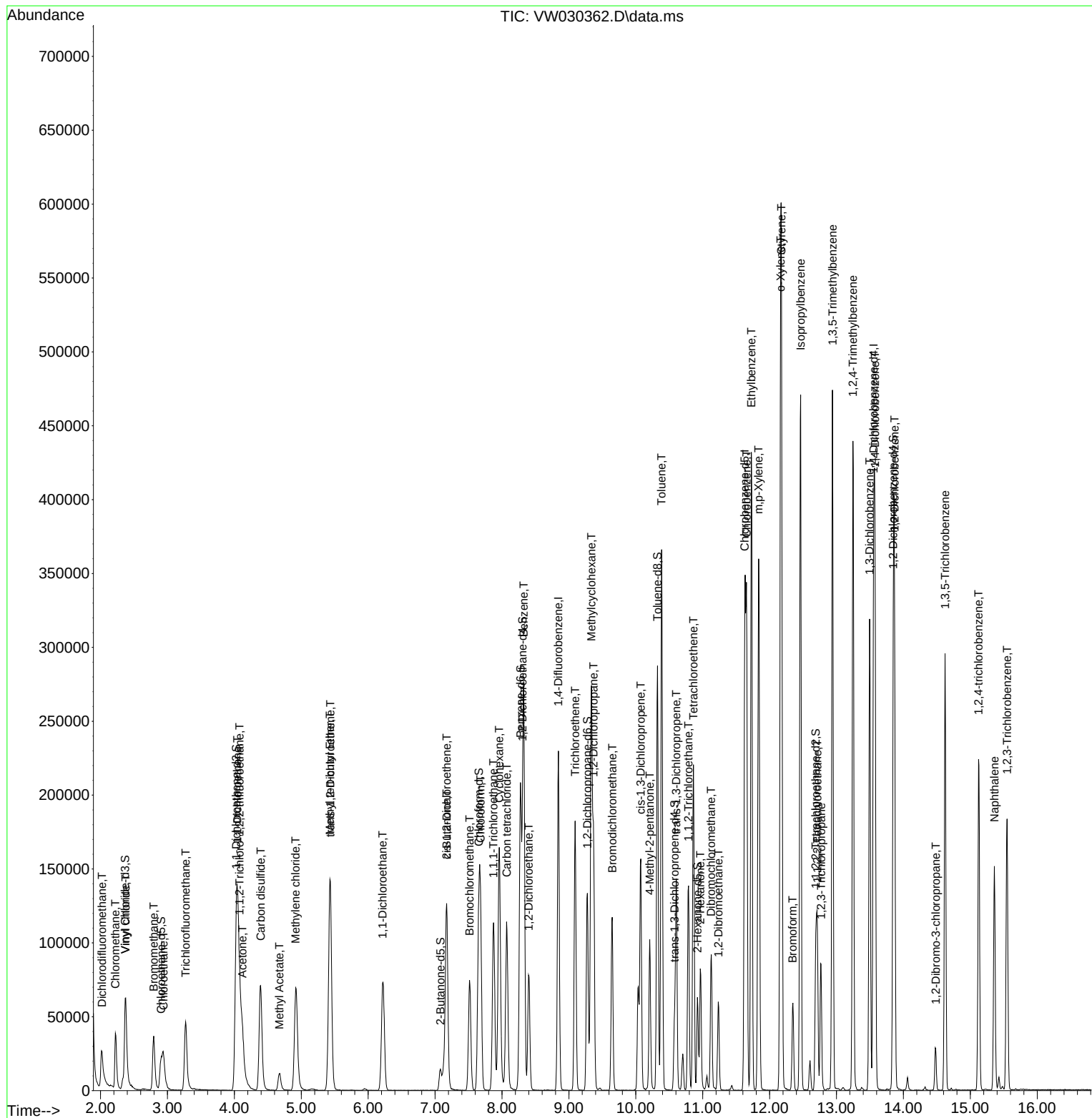
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	74477	23.148	ug/L	97
29) Cyclohexane	7.959	56	93594	25.280	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	93829	24.117	ug/L	97
31) Carbon tetrachloride	8.069	117	85167	24.493	ug/L	100
33) Benzene	8.325	78	243825	23.835	ug/L	100
34) Trichloroethene	9.093	95	62891	23.112	ug/L	96
35) Methylcyclohexane	9.337	83	106161	25.422	ug/L	95
37) 1,2-Dichloropropane	9.367	63	64636	23.947	ug/L	99
38) Bromodichloromethane	9.648	83	79388	23.427	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	95703	23.124	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	66708	48.051	ug/L	96
42) Toluene	10.386	91	262795	23.996	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	78459	22.879	ug/L	91
45) 1,1,2-Trichloroethane	10.788	97	43566	22.904	ug/L	94
46) Tetrachloroethene	10.861	164	47123	23.153	ug/L	95
48) 2-Hexanone	10.965	43	54684	53.493	ug/L	96
49) Dibromochloromethane	11.123	129	48716	22.759	ug/L	90
50) 1,2-Dibromoethane	11.233	107	40365	22.428	ug/L	96
51) Chlorobenzene	11.654	112	162333	22.938	ug/L	97
52) Ethylbenzene	11.727	91	295600	23.826	ug/L	98
53) m,p-Xylene	11.837	106	110945	23.955	ug/L	94
54) o-Xylene	12.166	106	105762	23.992	ug/L	98
55) Styrene	12.178	104	183285	24.373	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	51595	23.161	ug/L	96
59) Bromoform	12.343	173	26967	21.522	ug/L	99
60) Isopropylbenzene	12.464	105	293148	23.880	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	37285	22.677	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	245160	24.690	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	235812	24.037	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	124508	22.695	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	126056	22.493	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	111809	22.860	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.482	75	8084	21.459	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	85591	22.604	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	70241	22.405	ug/L	97
71) Naphthalene	15.360	128	123896	21.606	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	60814	22.162	ug/L	97

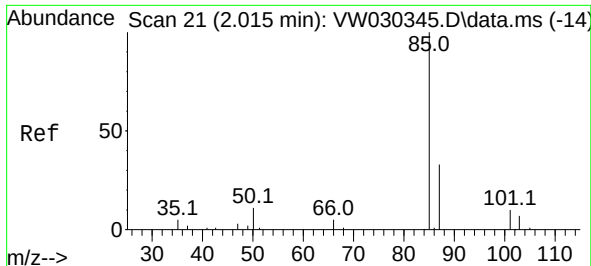
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100324\
Data File : VW030362.D
Acq On : 03 Oct 2024 09:38
Operator : SY/MD
Sample : VSTDC0025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 04 01:02:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 03 05:10:23 2024
Response via : Initial Calibration

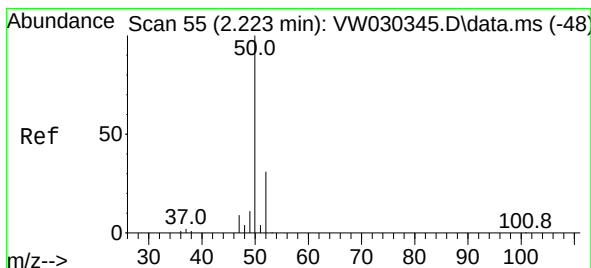
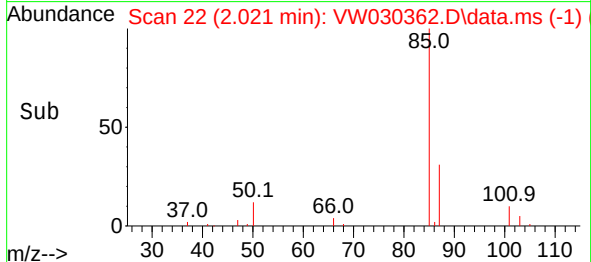
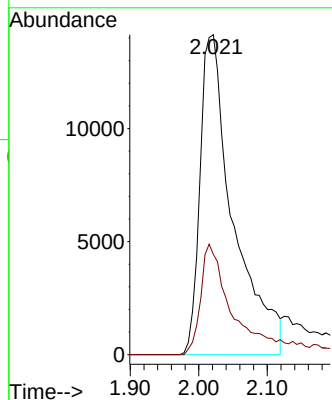
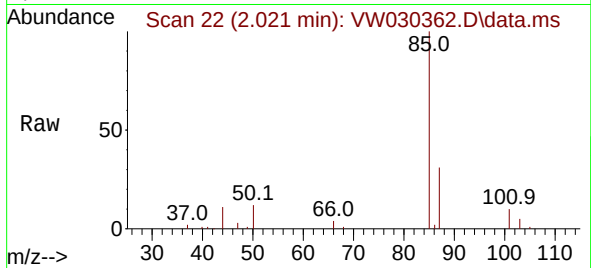




#2
Dichlorodifluoromethane
Concen: 23.913 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

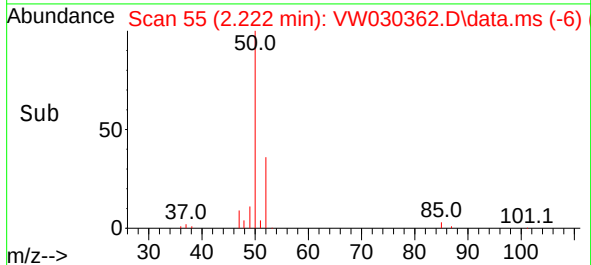
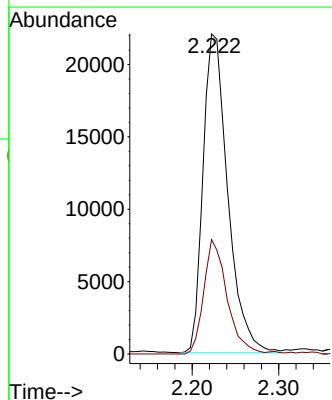
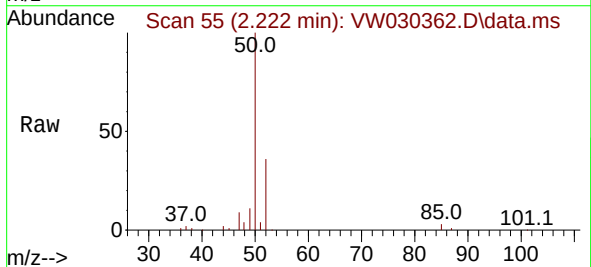
Instrument :
MSVOA_W
ClientSampleId :

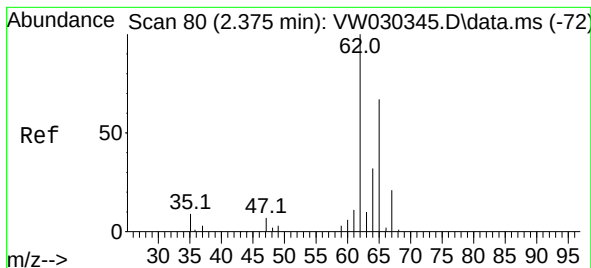
Tgt Ion: 85 Resp: 47606
Ion Ratio Lower Upper
85 100
87 32.9 24.0 36.0



#3
Chloromethane
Concen: 28.086 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Tgt Ion: 50 Resp: 43803
Ion Ratio Lower Upper
50 100
52 35.8 23.5 43.7





#5

Vinyl chloride

Concen: 31.090 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

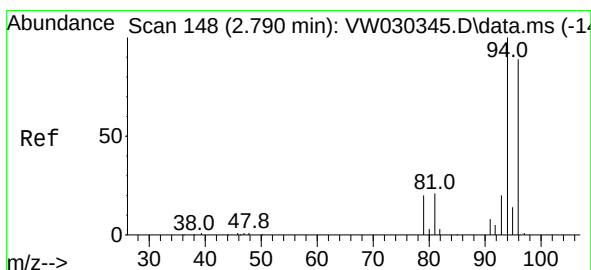
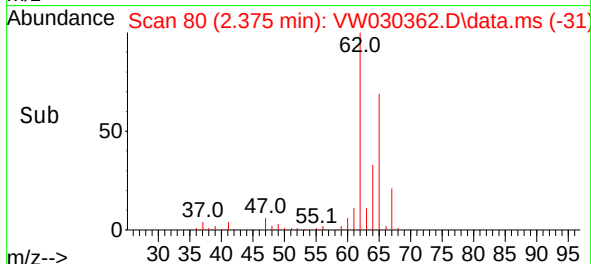
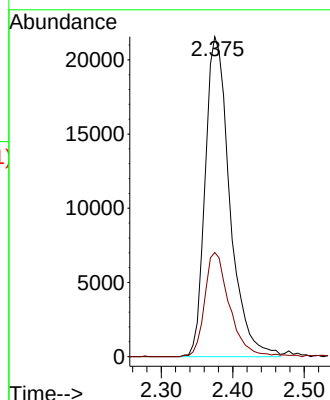
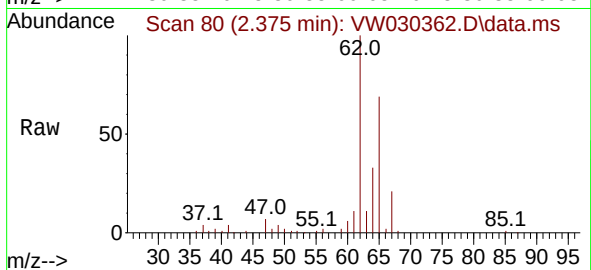
ClientSampleId :

Tgt Ion: 62 Resp: 51545

Ion Ratio Lower Upper

62 100

64 32.6 22.1 41.1



#6

Bromomethane

Concen: 28.026 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW030362.D

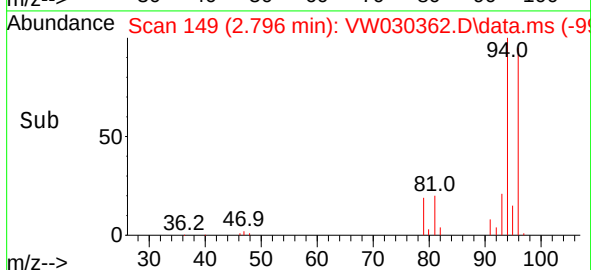
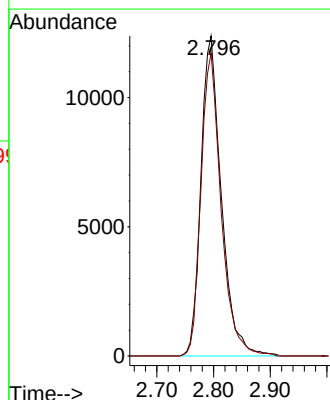
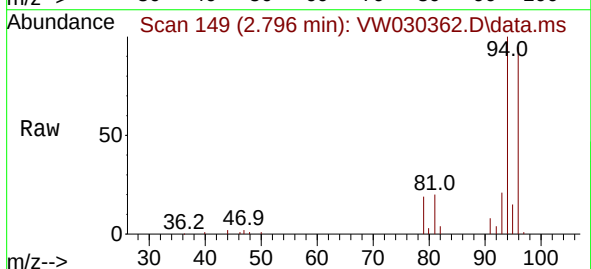
Acq: 03 Oct 2024 09:38

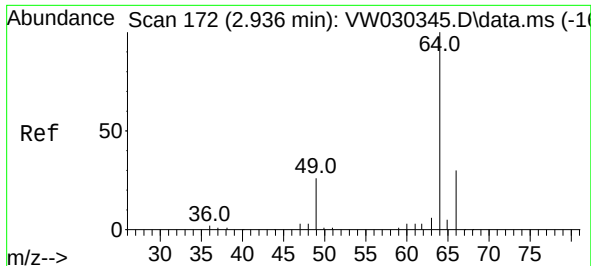
Tgt Ion: 94 Resp: 30926

Ion Ratio Lower Upper

94 100

96 94.6 69.7 129.4

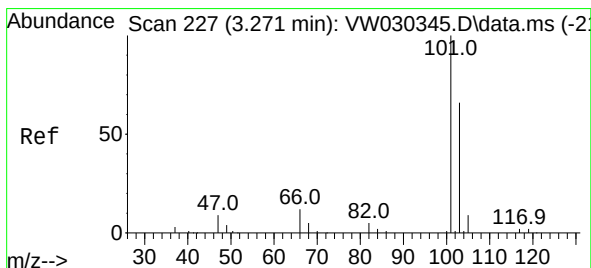
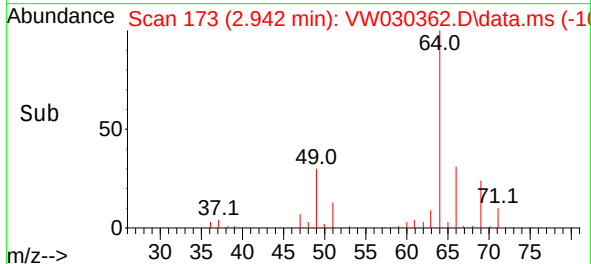
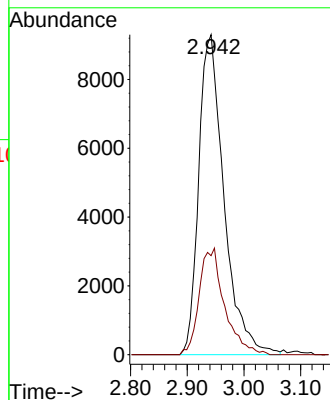
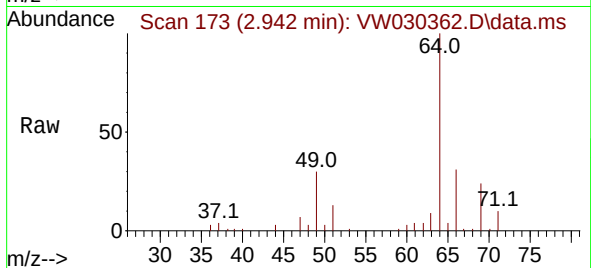




#8
Chloroethane
Concen: 31.798 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.006 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

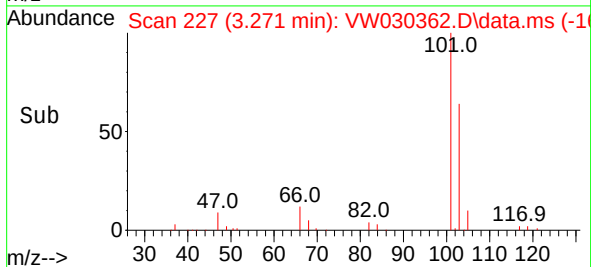
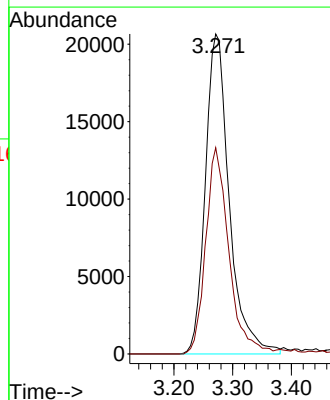
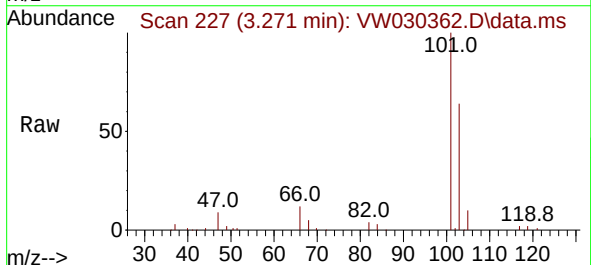
Instrument :
MSVOA_W
ClientSampleId :

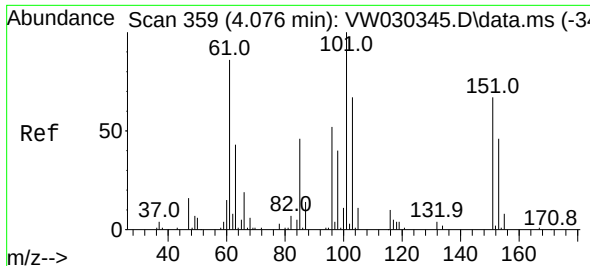
Tgt Ion: 64 Resp: 28762
Ion Ratio Lower Upper
64 100
66 30.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 27.330 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Tgt Ion:101 Resp: 58371
Ion Ratio Lower Upper
101 100
103 61.7 50.2 75.4

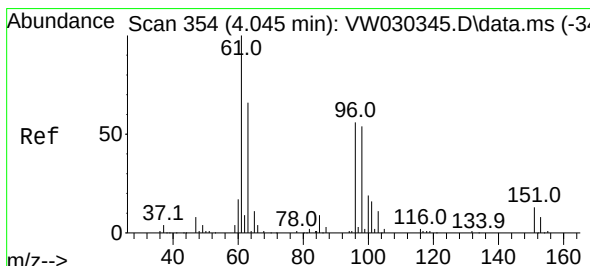
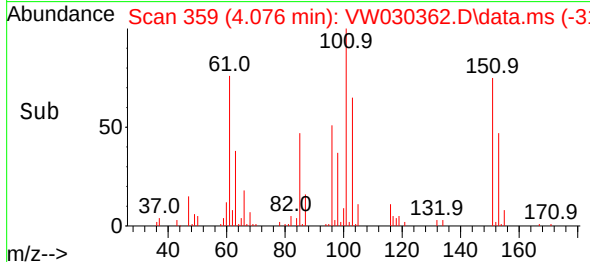
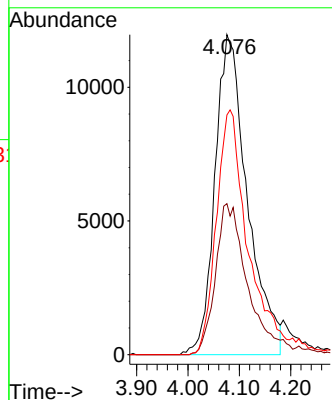
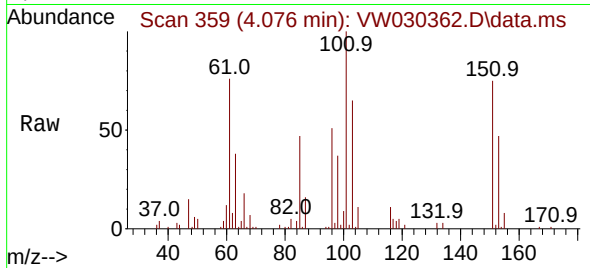




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.651 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW030362.D
 Acq: 03 Oct 2024 09:38

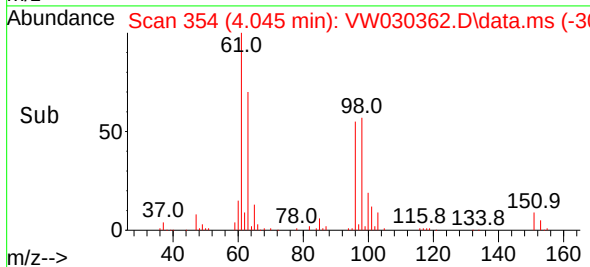
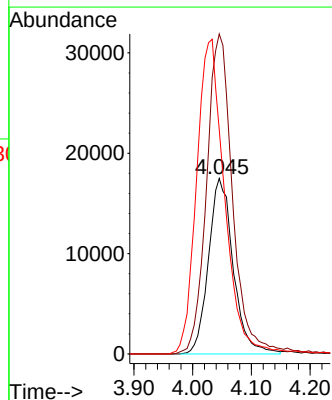
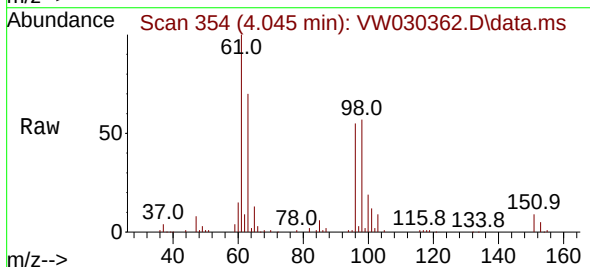
Instrument :
 MSVOA_W
 ClientSampleId :

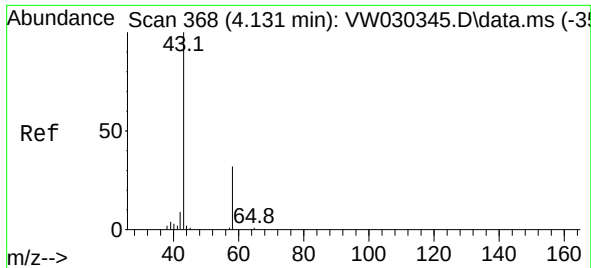
Tgt Ion:101 Resp: 52452
 Ion Ratio Lower Upper
 101 100
 85 45.7 30.5 45.7#
 151 68.6 52.9 79.3



#12
 1,1-Dichloroethene
 Concen: 24.172 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW030362.D
 Acq: 03 Oct 2024 09:38

Tgt Ion: 96 Resp: 51148
 Ion Ratio Lower Upper
 96 100
 61 182.3 120.1 223.1
 63 127.9 94.8 176.2

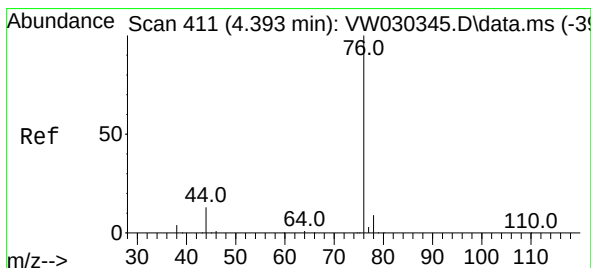
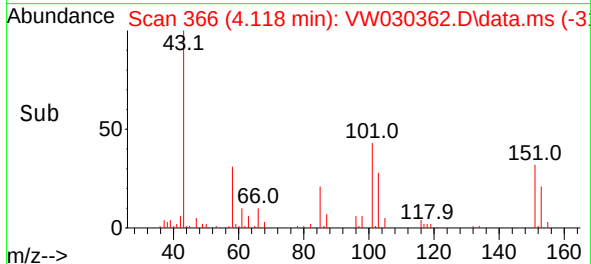
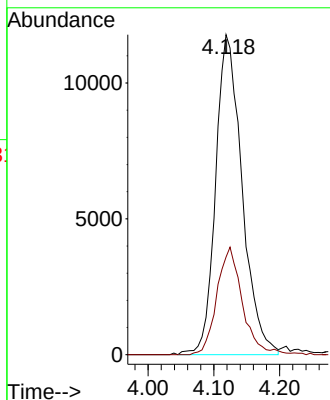
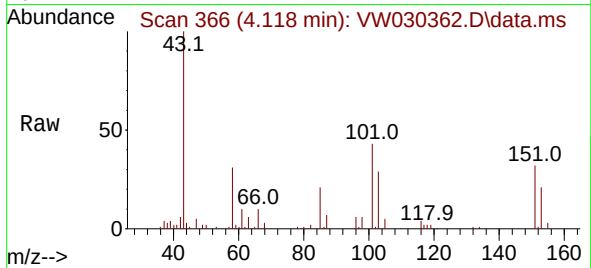




#13
Acetone
Concen: 54.321 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

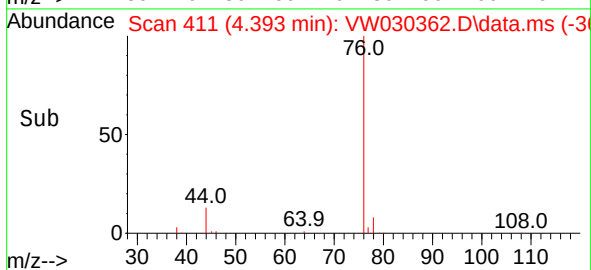
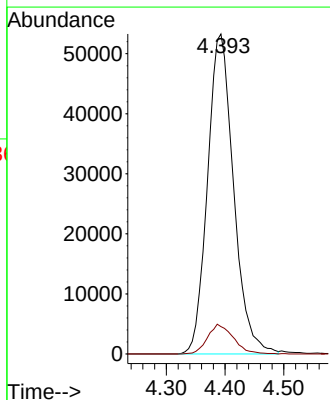
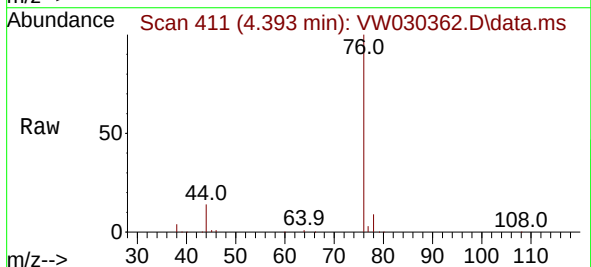
Instrument :
MSVOA_W
ClientSampleId :

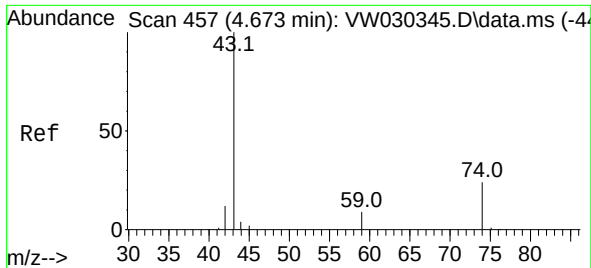
Tgt Ion: 43 Resp: 32981
Ion Ratio Lower Upper
43 100
58 31.7 0.0 64.0



#14
Carbon disulfide
Concen: 23.322 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Tgt Ion: 76 Resp: 164109
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

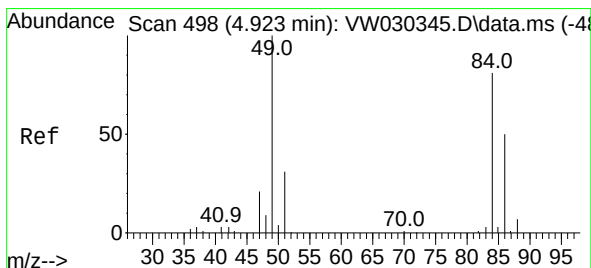
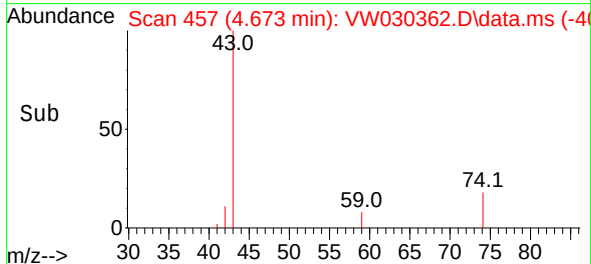
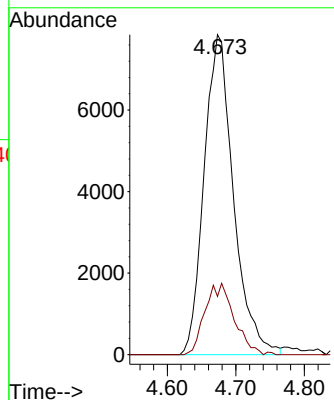
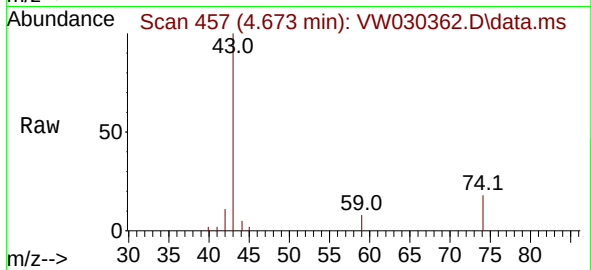




#15
Methyl Acetate
Concen: 23.592 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

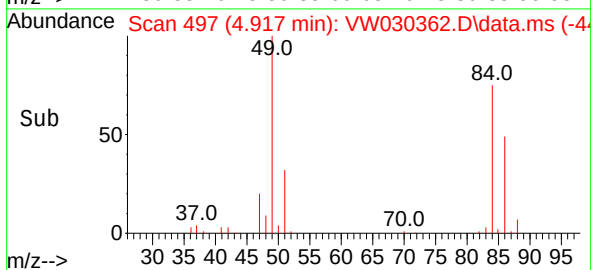
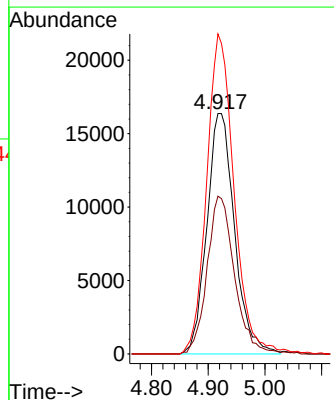
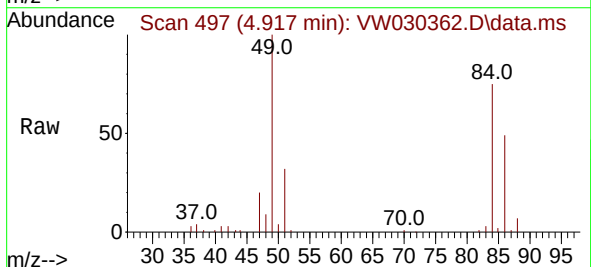
Instrument :
MSVOA_W
ClientSampleId :

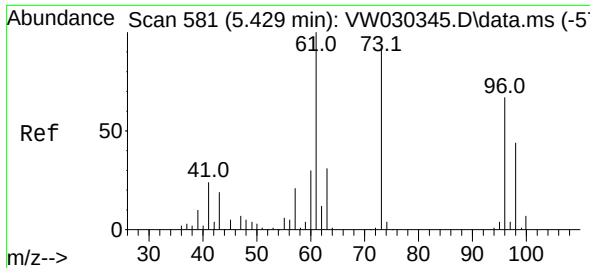
Tgt Ion: 43 Resp: 23363
Ion Ratio Lower Upper
43 100
74 22.1 19.8 29.6



#16
Methylene chloride
Concen: 19.825 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Tgt Ion: 84 Resp: 55576
Ion Ratio Lower Upper
84 100
86 65.7 44.8 83.2
49 133.1 83.6 155.2

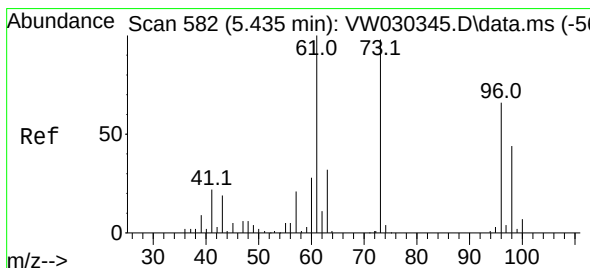
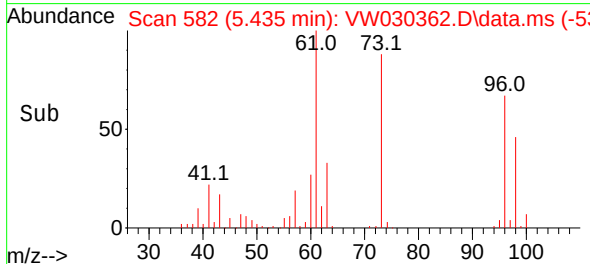
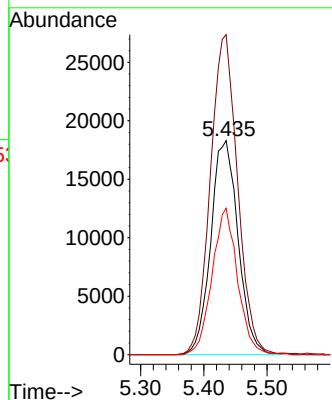
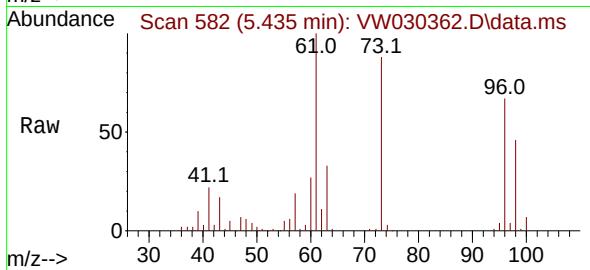




#17
trans-1,2-Dichloroethene
Concen: 22.382 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

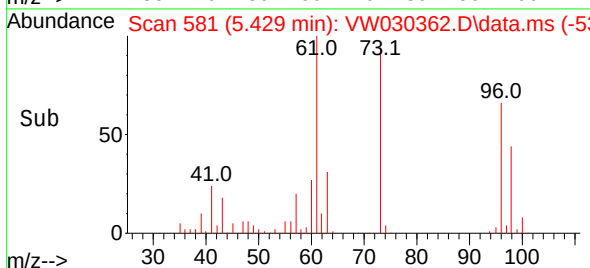
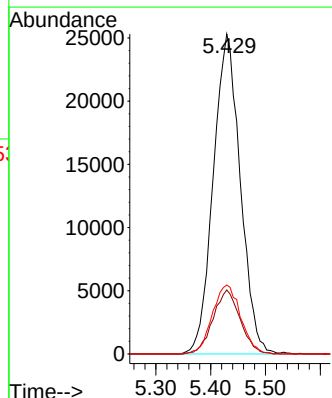
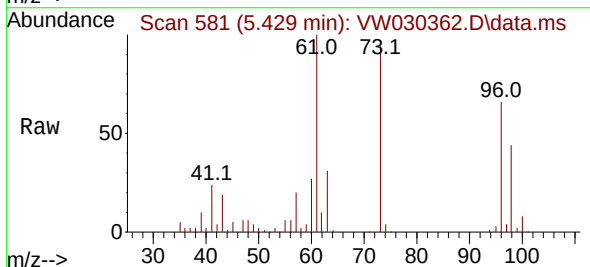
Instrument :
MSVOA_W
ClientSampleId :

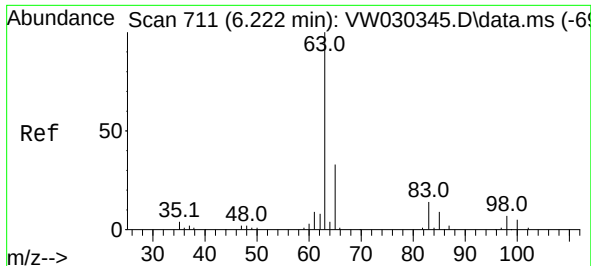
Tgt Ion: 96 Resp: 54979
Ion Ratio Lower Upper
96 100
61 149.5 100.3 186.3
98 68.3 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 22.165 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Tgt Ion: 73 Resp: 86598
Ion Ratio Lower Upper
73 100
43 20.1 15.9 23.9
57 22.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 23.590 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

ClientSampleId :

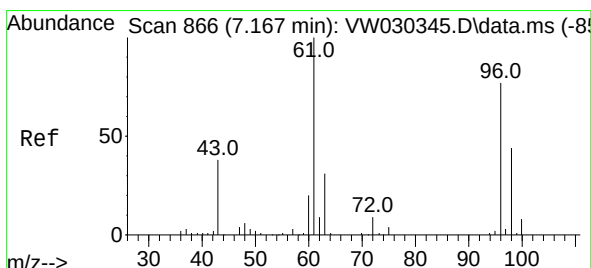
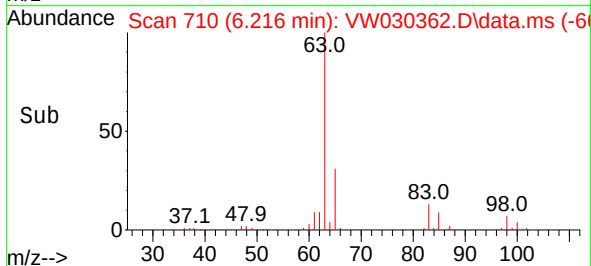
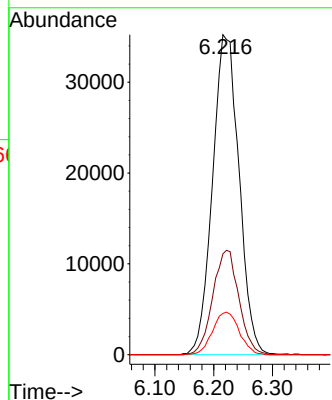
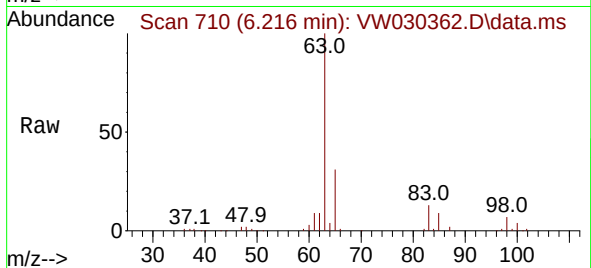
Tgt Ion: 63 Resp: 110354

Ion Ratio Lower Upper

63 100

65 31.5 20.7 38.5

83 12.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 22.288 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

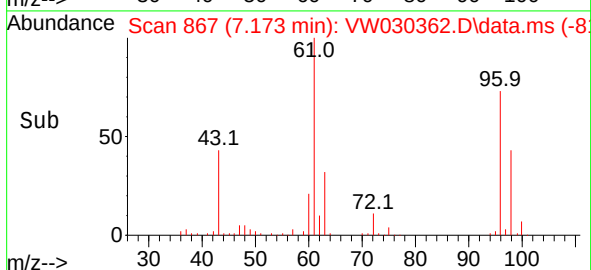
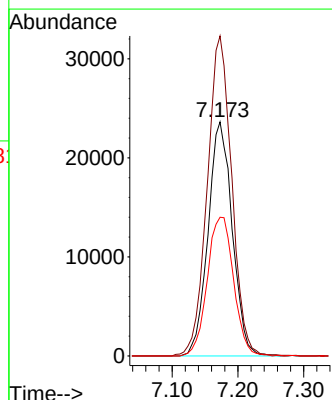
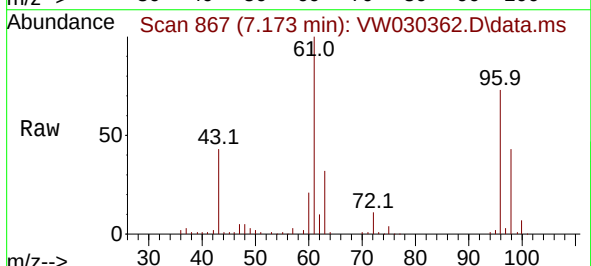
Tgt Ion: 96 Resp: 60488

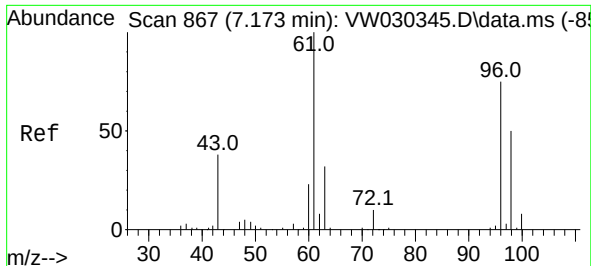
Ion Ratio Lower Upper

96 100

61 136.7 92.0 170.9

98 59.3 41.9 77.9





#22

2-Butanone

Concen: 48.064 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

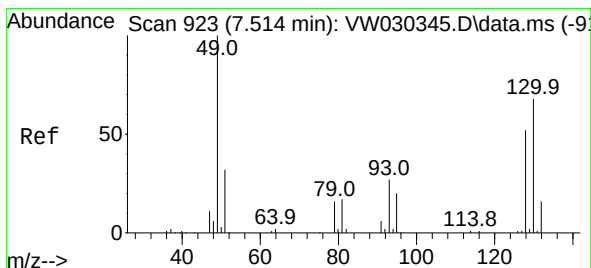
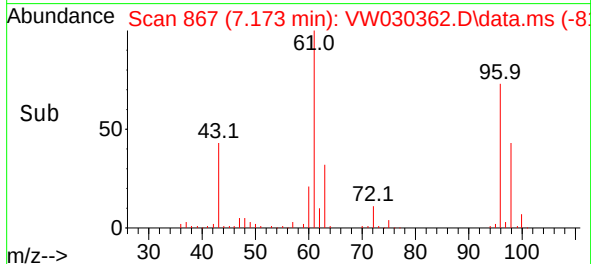
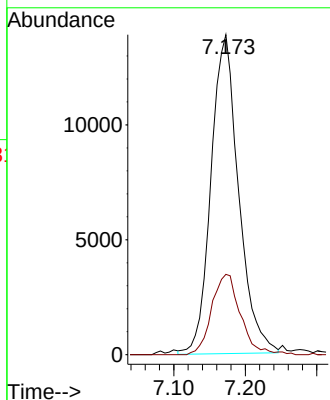
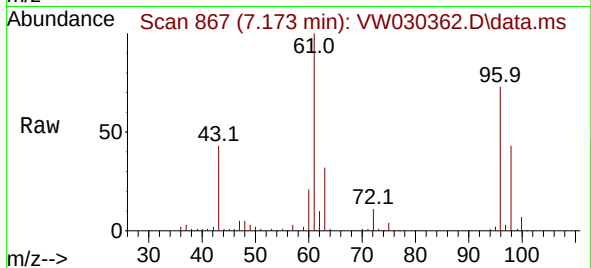
ClientSampleId :

Tgt Ion: 43 Resp: 37305

Ion Ratio Lower Upper

43 100

72 25.9 14.1 42.3



#23

Bromochloromethane

Concen: 21.328 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Tgt Ion: 128 Resp: 25270

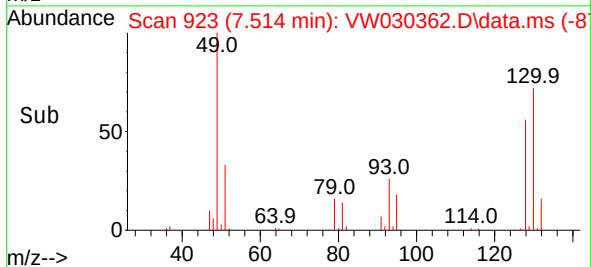
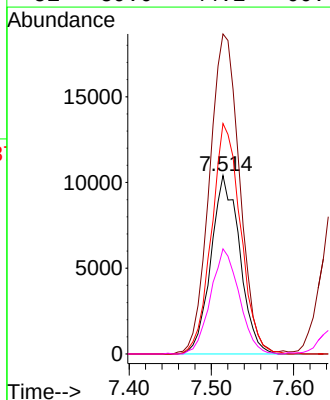
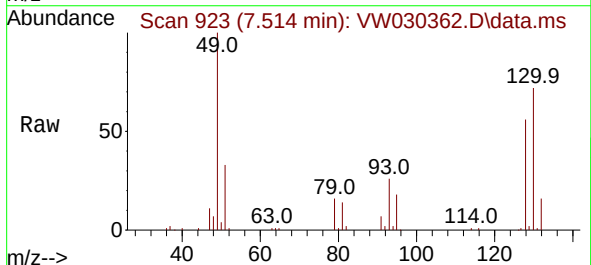
Ion Ratio Lower Upper

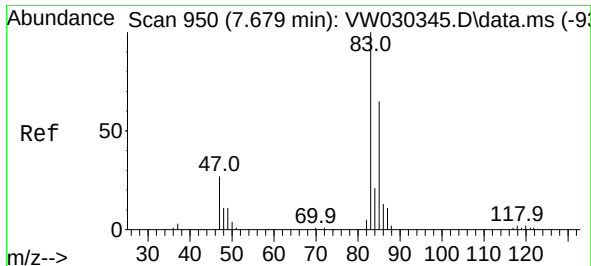
128 100

49 179.4 123.1 228.5

130 129.2 89.2 165.6

51 59.0 44.2 66.4





#25

Chloroform

Concen: 23.026 ug/L

RT: 7.679 min Scan# 910

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

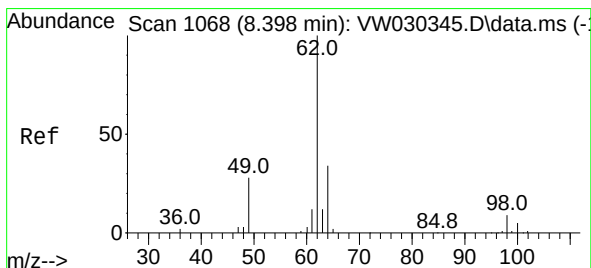
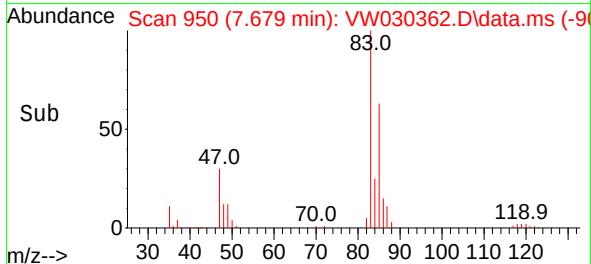
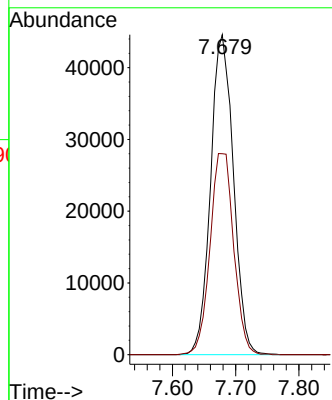
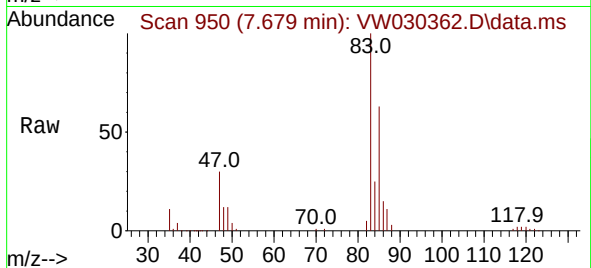
ClientSampleId :

Tgt Ion: 83 Resp: 111709

Ion Ratio Lower Upper

83 100

85 62.8 45.8 85.0



#27

1,2-Dichloroethane

Concen: 23.148 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030362.D

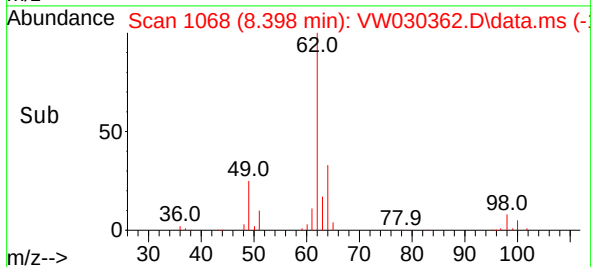
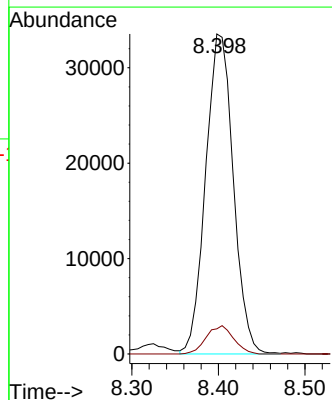
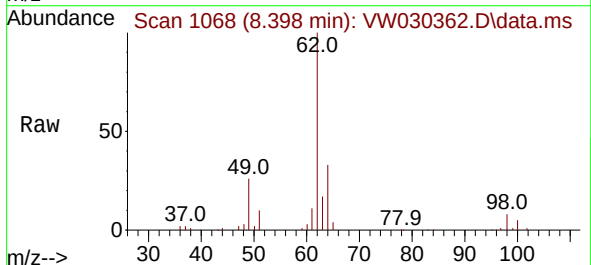
Acq: 03 Oct 2024 09:38

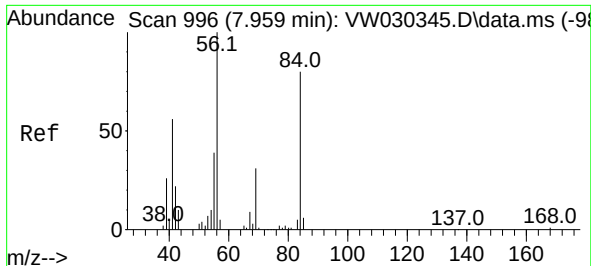
Tgt Ion: 62 Resp: 74477

Ion Ratio Lower Upper

62 100

98 7.8 7.0 10.6





#29

Cyclohexane

Concen: 25.280 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

ClientSampleId :

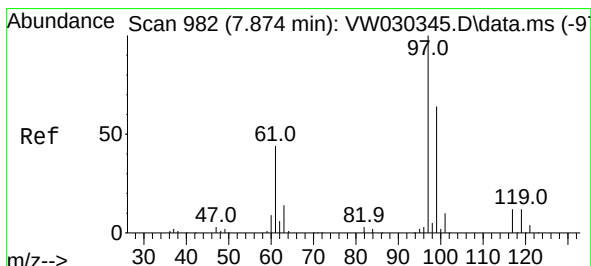
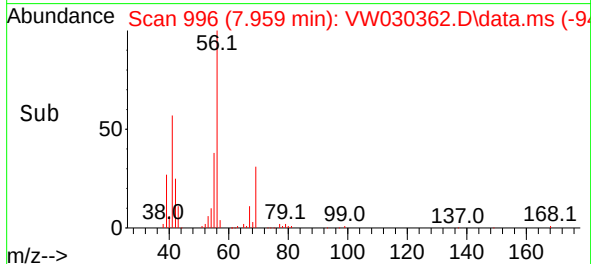
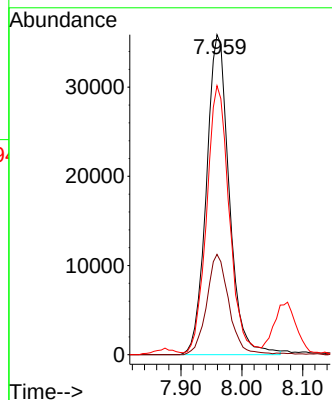
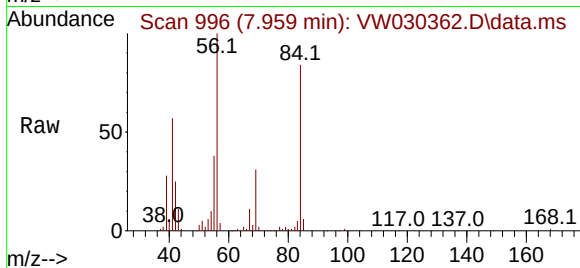
Tgt Ion: 56 Resp: 93594

Ion Ratio Lower Upper

56 100

69 30.4 24.5 36.7

84 83.4 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 24.117 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

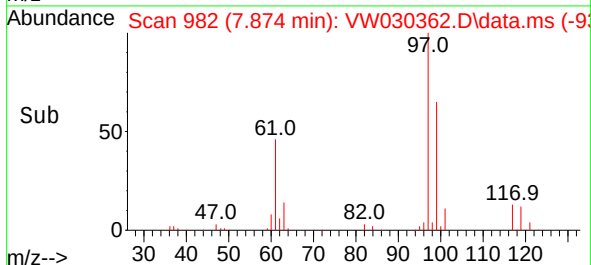
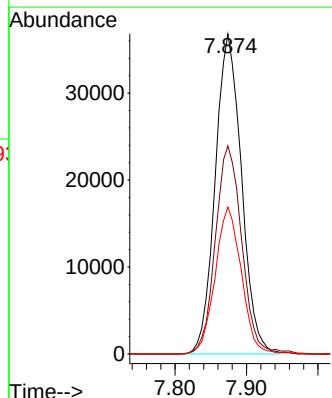
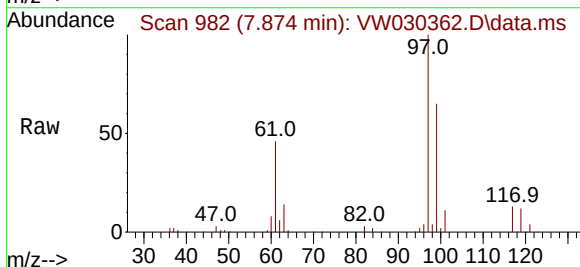
Tgt Ion: 97 Resp: 93829

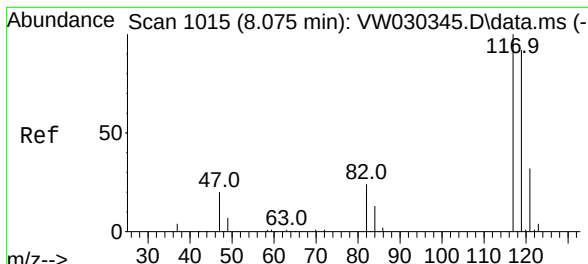
Ion Ratio Lower Upper

97 100

99 65.3 50.9 76.3

61 45.6 34.1 51.1

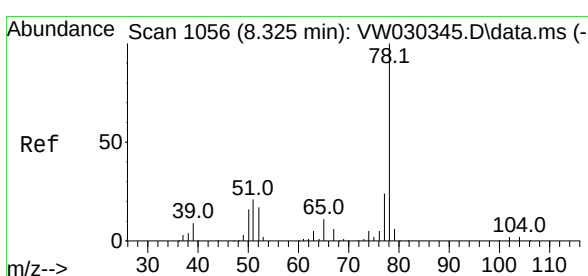
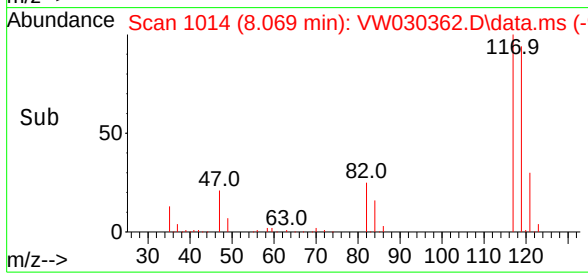
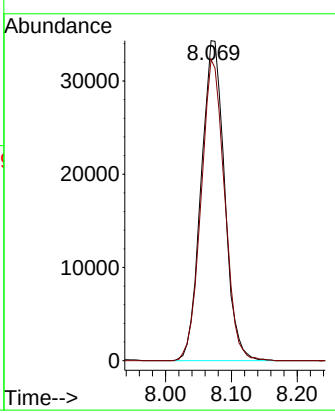
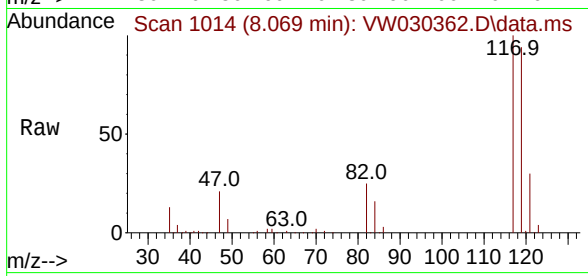




#31
Carbon tetrachloride
Concen: 24.493 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

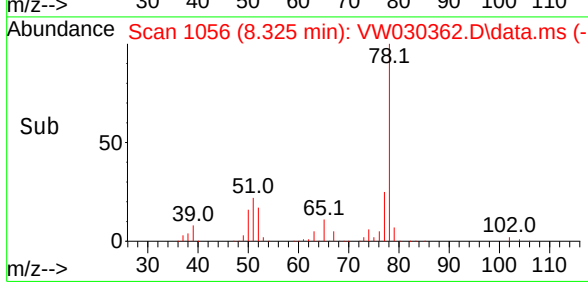
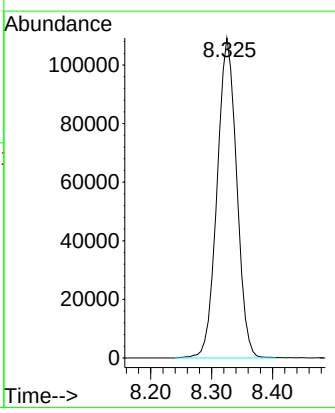
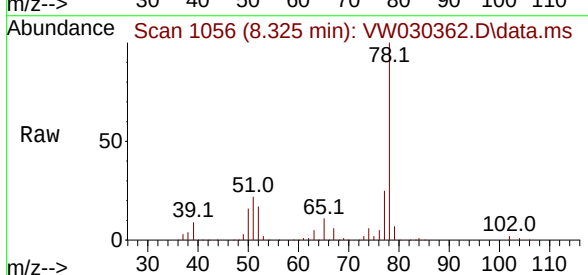
Instrument :
MSVOA_W
ClientSampleId :

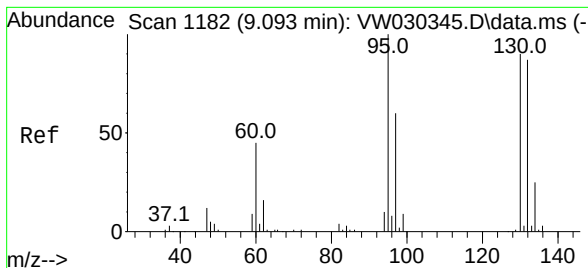
Tgt Ion:117 Resp: 85167
Ion Ratio Lower Upper
117 100
119 94.2 75.5 113.3



#33
Benzene
Concen: 23.835 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Tgt Ion: 78 Resp: 243825





#34

Trichloroethene

Concen: 23.112 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

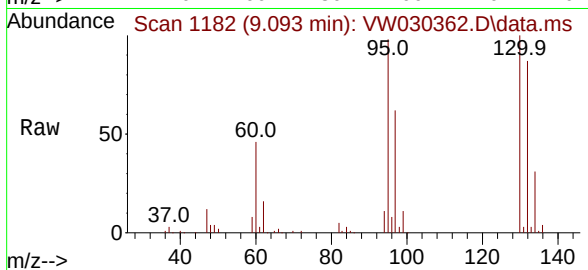
Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 62891

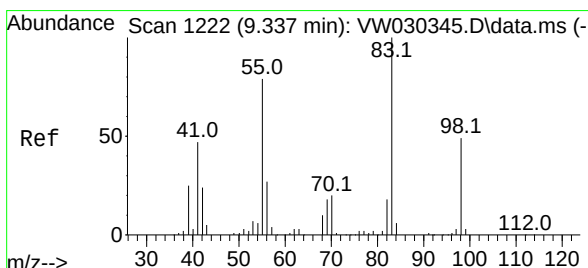
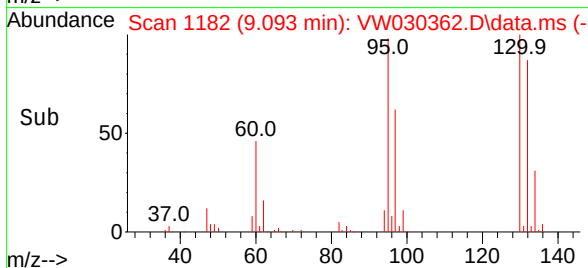
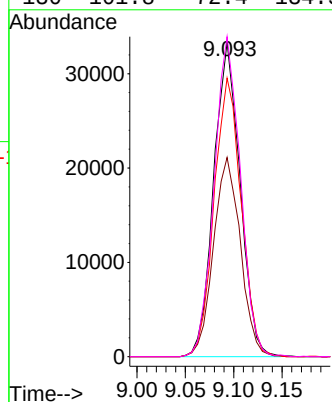
Ion Ratio Lower Upper

95 100

97 63.4 47.5 88.1

132 88.7 66.7 123.9

130 101.8 72.4 134.5



#35

Methylcyclohexane

Concen: 25.422 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

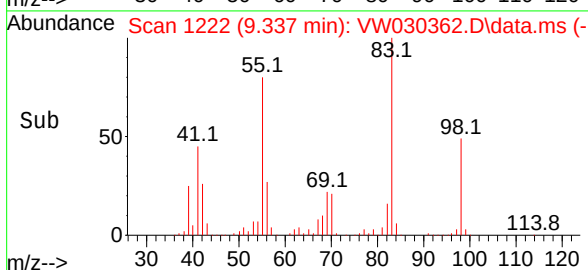
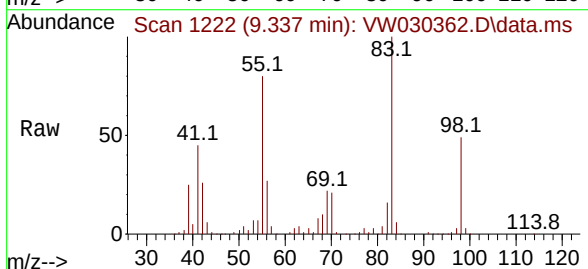
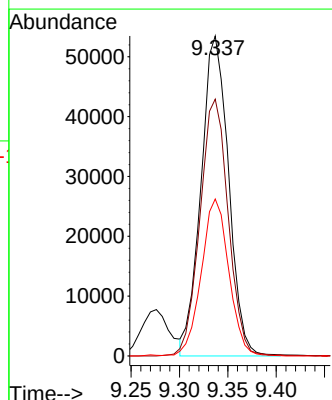
Tgt Ion: 83 Resp: 106161

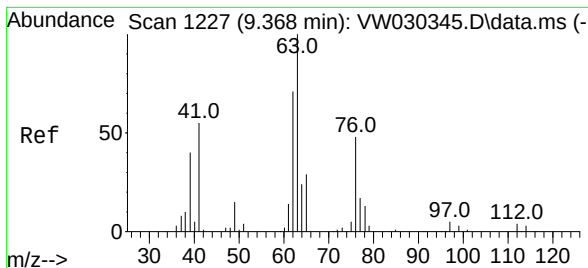
Ion Ratio Lower Upper

83 100

55 82.1 61.7 92.5

98 49.0 37.2 55.8





#37

1,2-Dichloropropane

Concen: 23.947 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

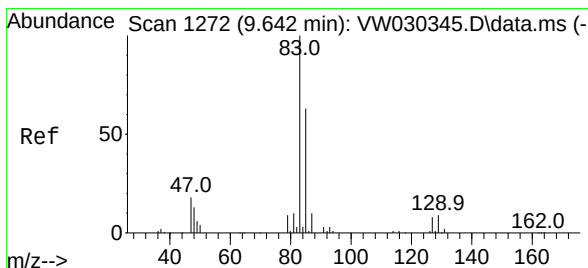
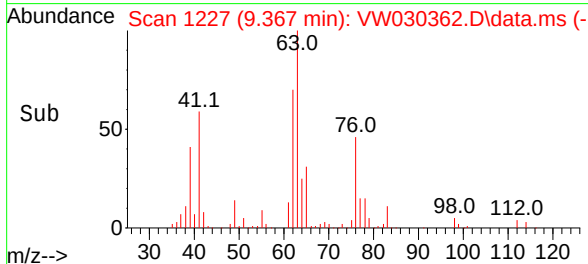
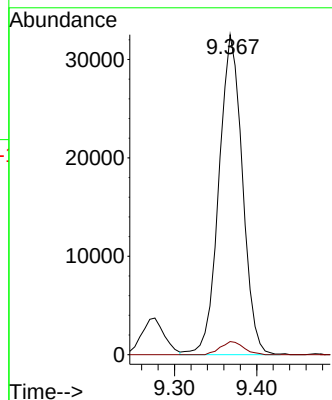
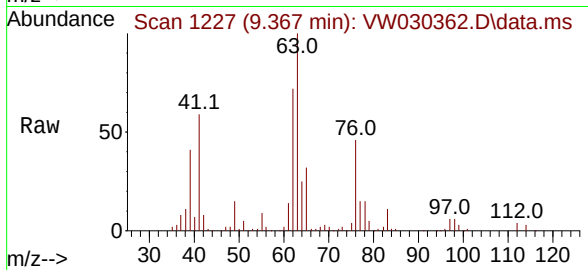
ClientSampleId :

Tgt Ion: 63 Resp: 64636

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 23.427 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

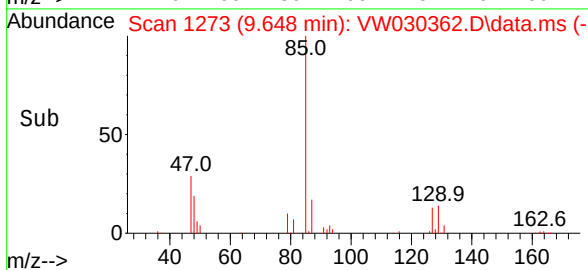
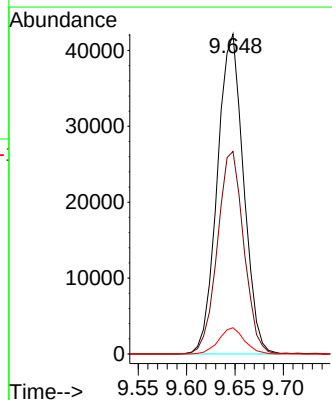
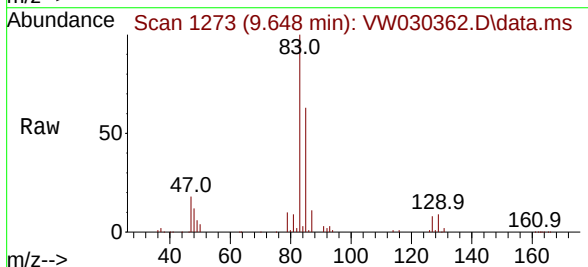
Tgt Ion: 83 Resp: 79388

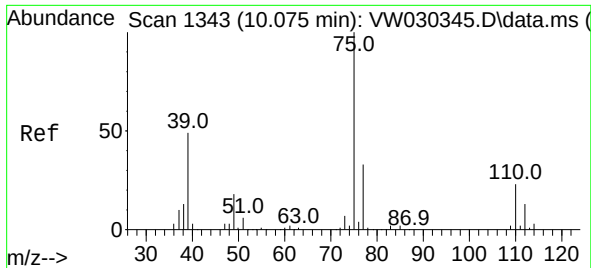
Ion Ratio Lower Upper

83 100

85 63.3 43.5 80.7

127 8.2 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 23.124 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

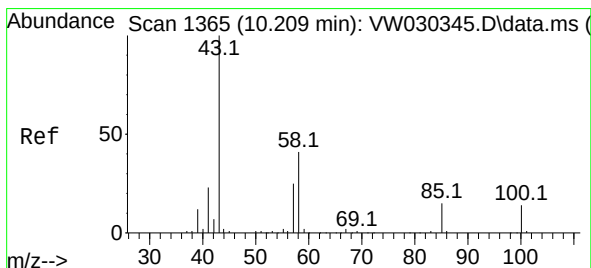
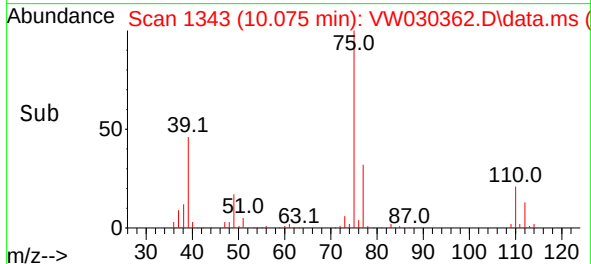
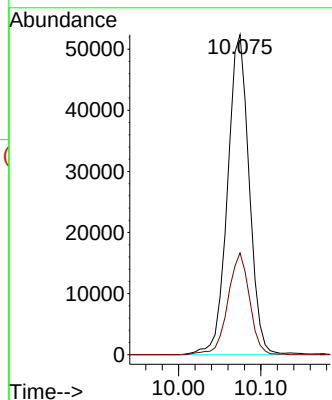
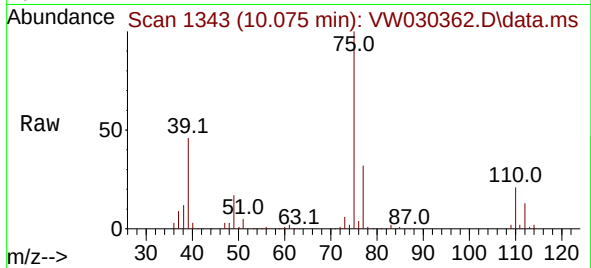
ClientSampleId :

Tgt Ion: 75 Resp: 95703

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 48.051 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

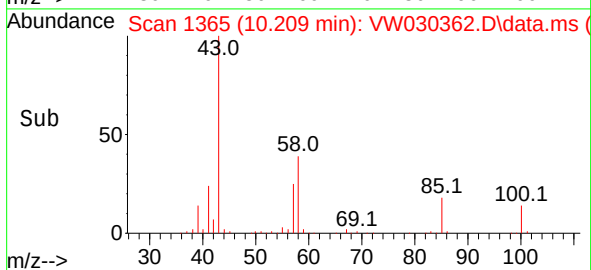
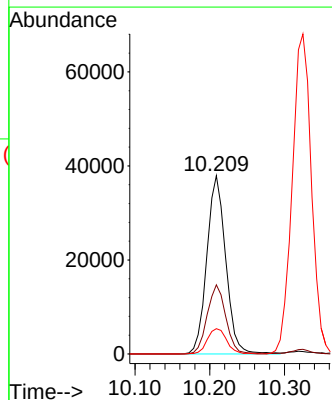
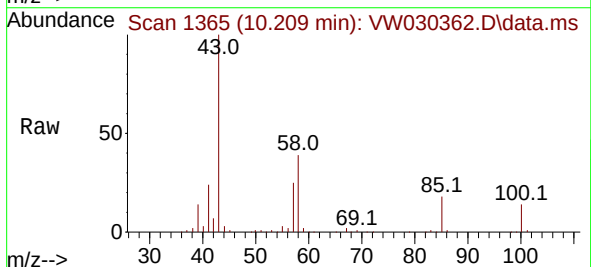
Tgt Ion: 43 Resp: 66708

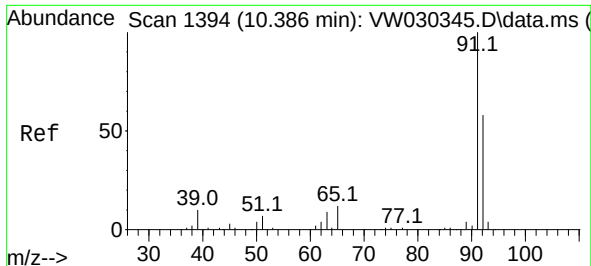
Ion Ratio Lower Upper

43 100

58 38.3 32.6 48.8

100 14.5 12.5 18.7





#42

Toluene

Concen: 23.996 ug/L

RT: 10.386 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

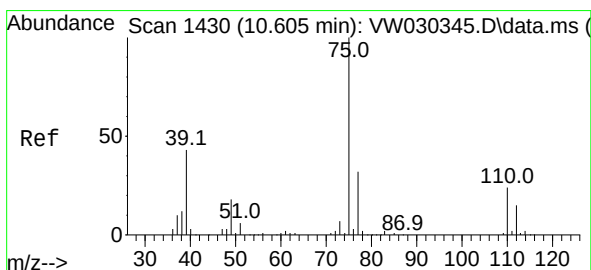
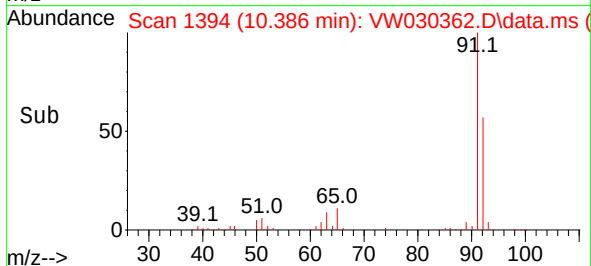
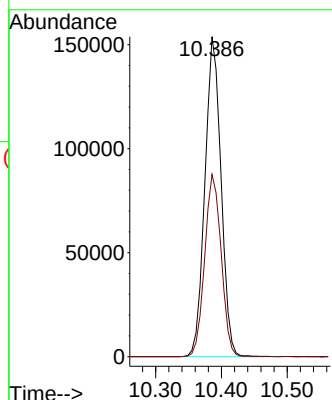
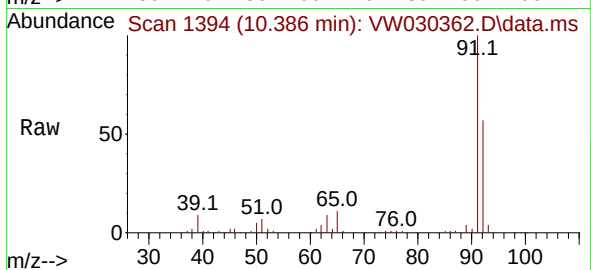
ClientSampleId :

Tgt Ion: 91 Resp: 262795

Ion Ratio Lower Upper

91 100

92 57.0 42.3 78.5



#44

trans-1,3-Dichloropropene

Concen: 22.879 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030362.D

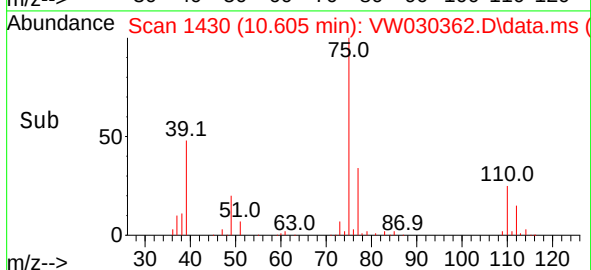
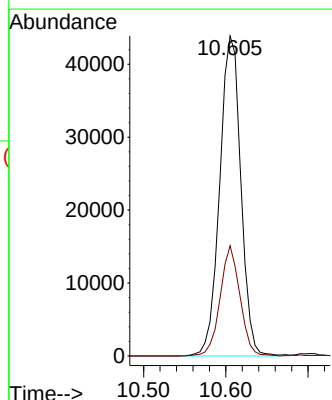
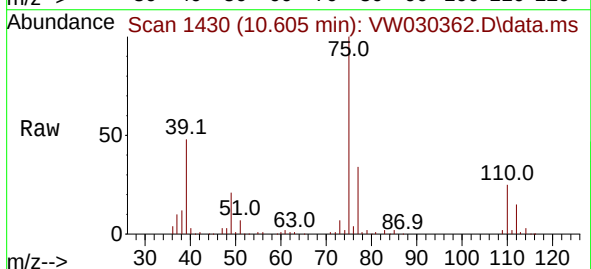
Acq: 03 Oct 2024 09:38

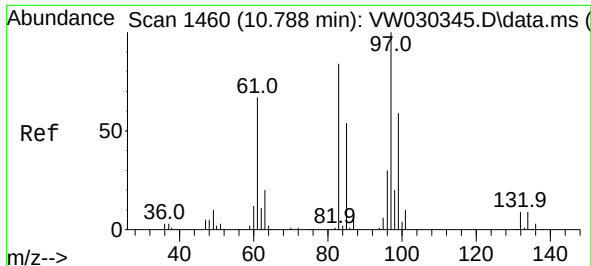
Tgt Ion: 75 Resp: 78459

Ion Ratio Lower Upper

75 100

77 34.4 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 22.904 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 43566

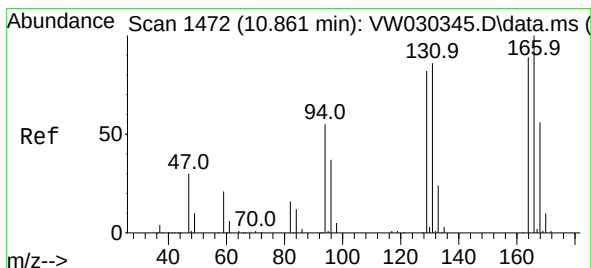
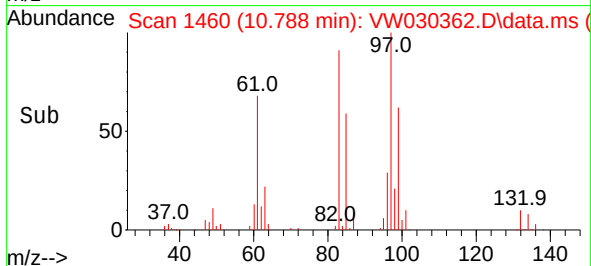
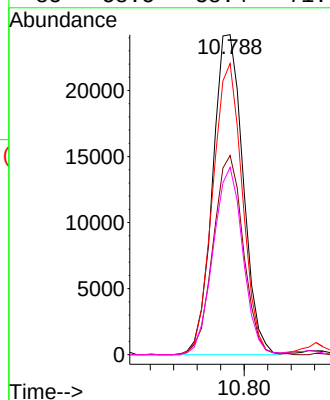
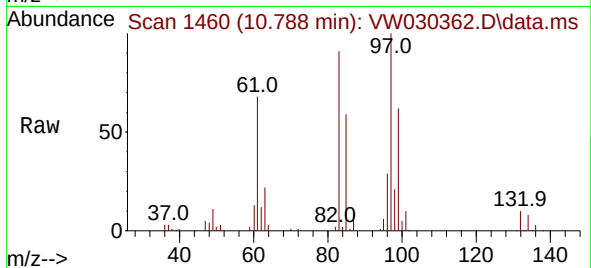
Ion Ratio Lower Upper

97 100

99 62.3 40.8 75.8

83 91.0 59.1 109.7

85 58.5 38.4 71.4



#46

Tetrachloroethene

Concen: 23.153 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Tgt Ion:164 Resp: 47123

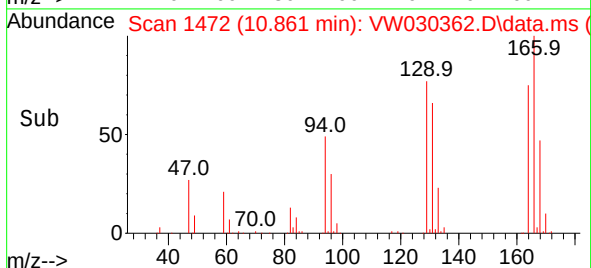
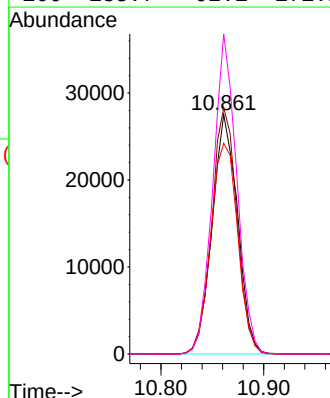
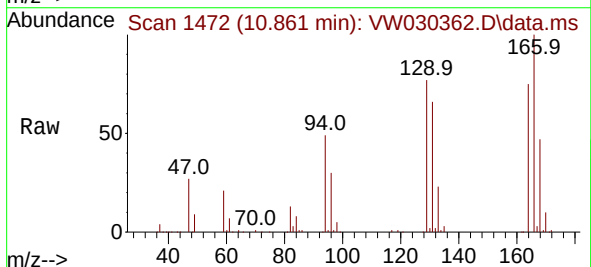
Ion Ratio Lower Upper

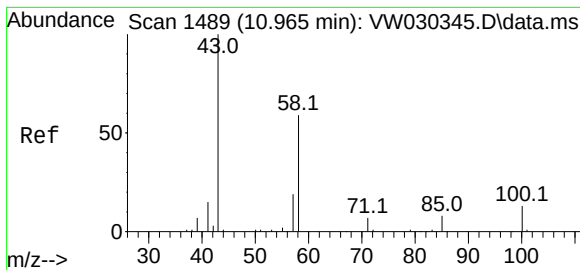
164 100

129 102.9 67.2 124.8

131 88.0 65.9 122.3

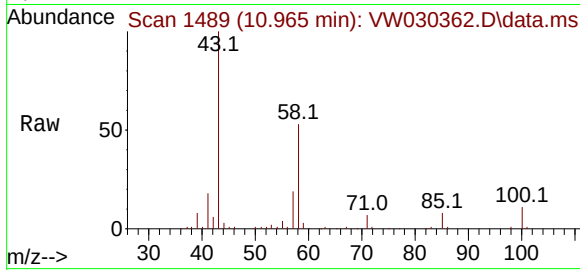
166 133.7 92.1 171.1



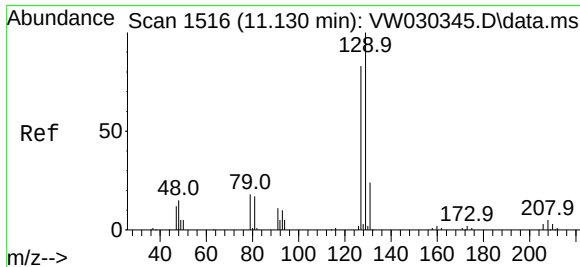
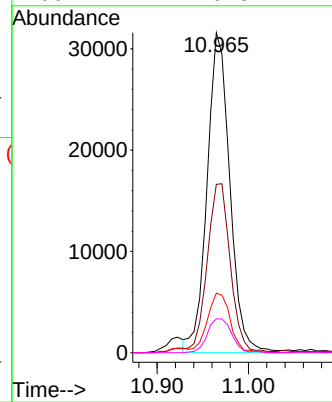
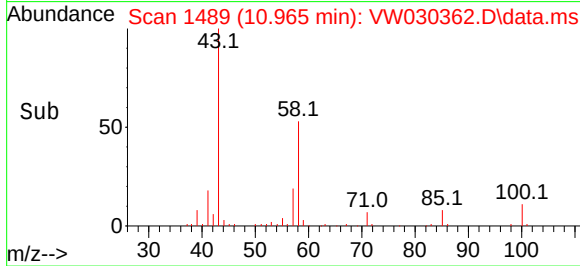


#48
2-Hexanone
Concen: 53.493 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Instrument :
MSVOA_W
ClientSampleId :

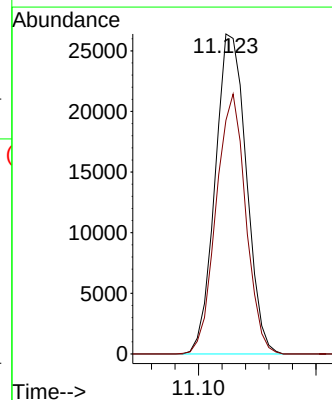
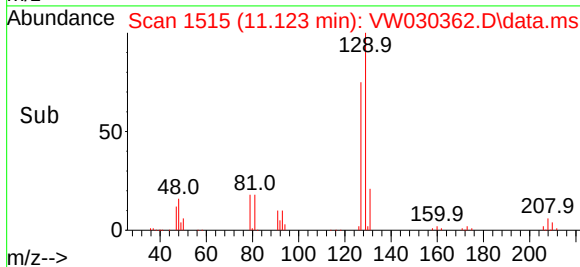
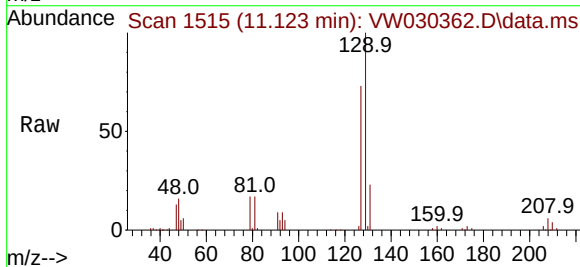


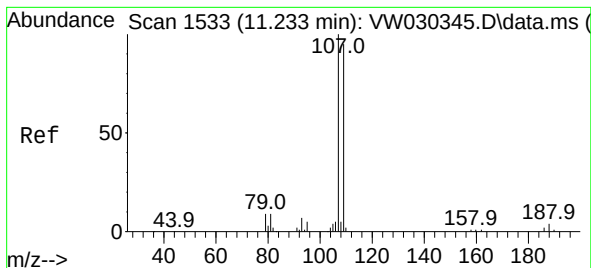
Tgt Ion: 43 Resp: 54684
Ion Ratio Lower Upper
43 100
58 53.2 46.1 69.1
57 18.8 15.3 22.9
100 11.1 9.8 14.8



#49
Dibromochloromethane
Concen: 22.759 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Tgt Ion: 129 Resp: 48716
Ion Ratio Lower Upper
129 100
127 73.0 57.2 106.2





#50

1,2-Dibromoethane

Concen: 22.428 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030362.D

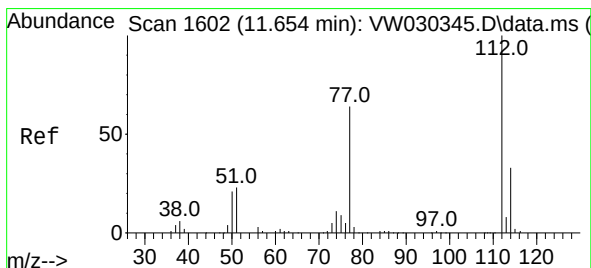
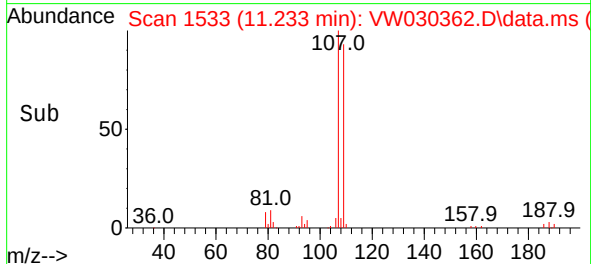
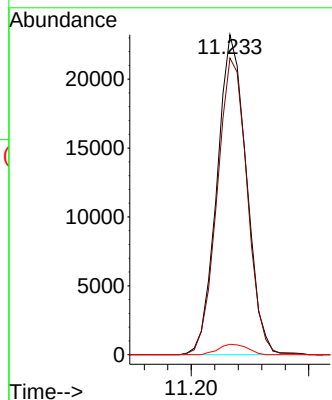
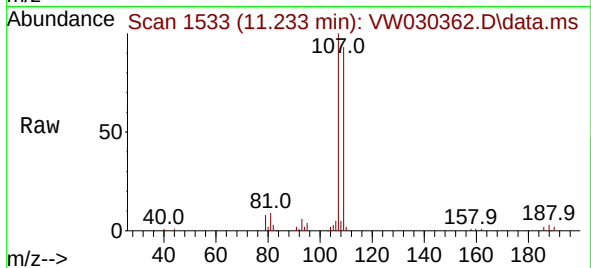
Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	40365
Ion	Ratio	Lower	Upper
107	100		
109	92.7	67.8	125.8
188	3.2	2.9	4.3



#51

Chlorobenzene

Concen: 22.938 ug/L

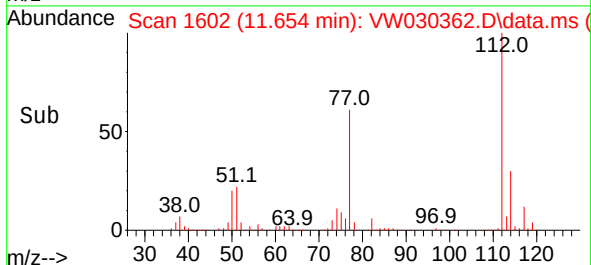
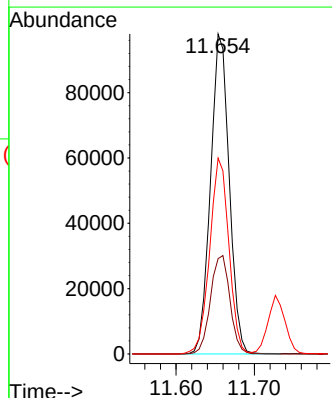
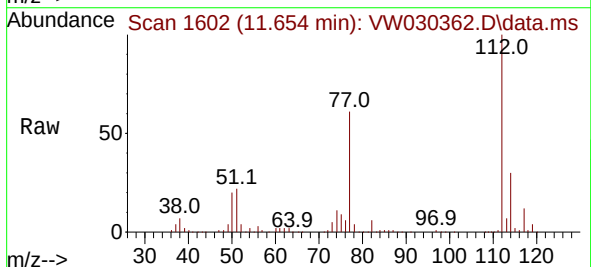
RT: 11.654 min Scan# 1602

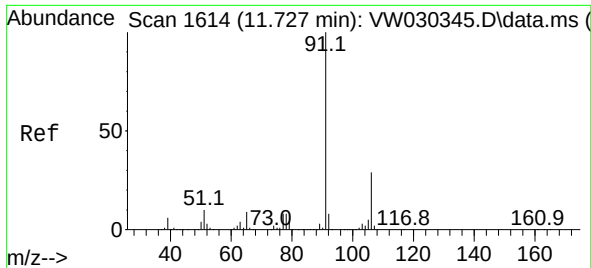
Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Tgt Ion:	112	Resp:	162333
Ion	Ratio	Lower	Upper
112	100		
114	29.8	21.5	39.9
77	61.2	46.7	70.1





#52

Ethylbenzene

Concen: 23.826 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

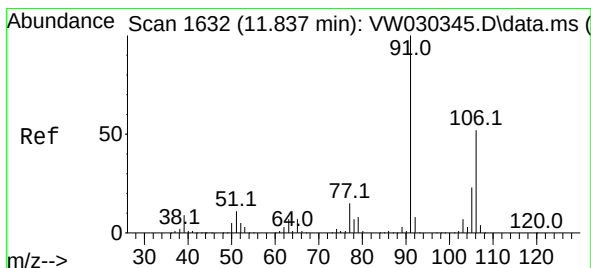
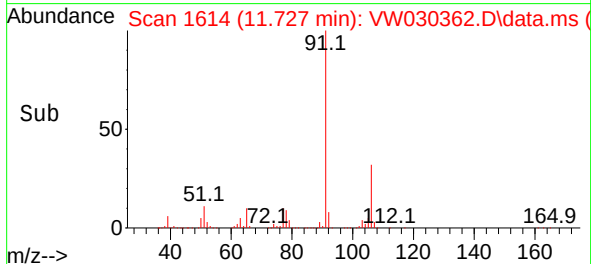
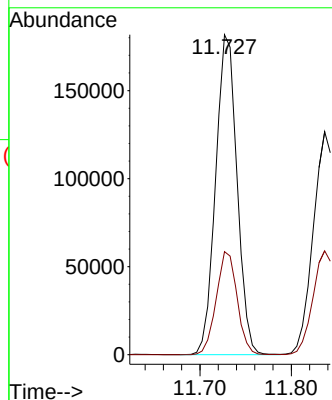
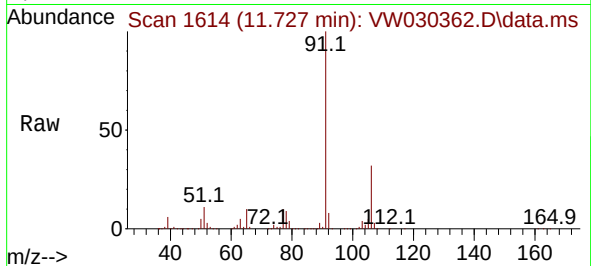
ClientSampleId :

Tgt Ion: 91 Resp: 295600

Ion Ratio Lower Upper

91 100

106 32.2 21.8 40.6



#53

m,p-Xylene

Concen: 23.955 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030362.D

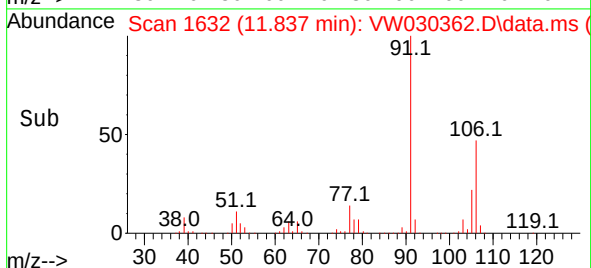
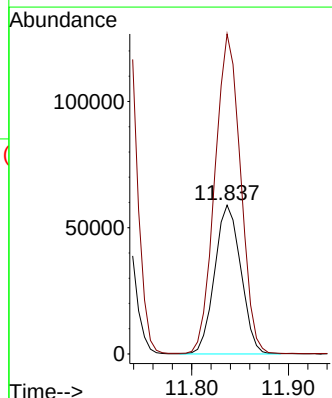
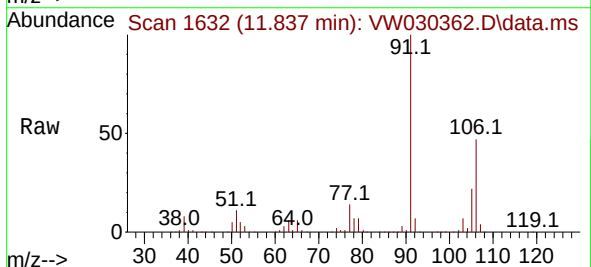
Acq: 03 Oct 2024 09:38

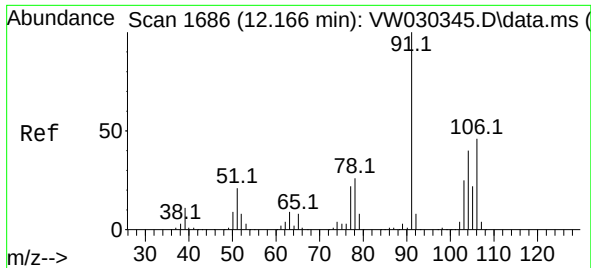
Tgt Ion:106 Resp: 110945

Ion Ratio Lower Upper

106 100

91 215.0 144.4 268.2

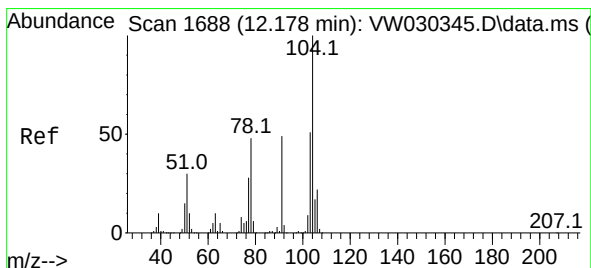
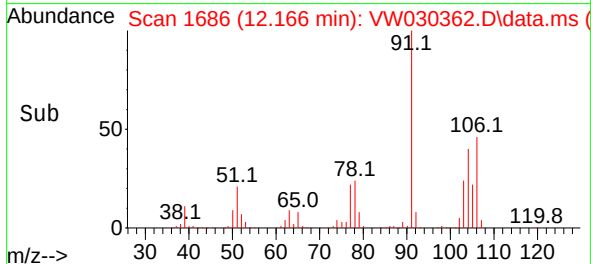
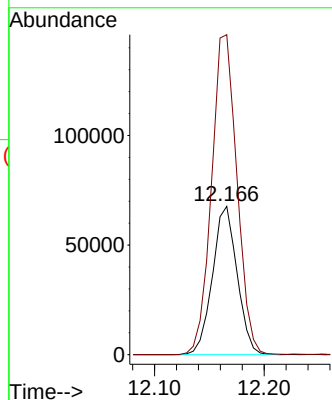
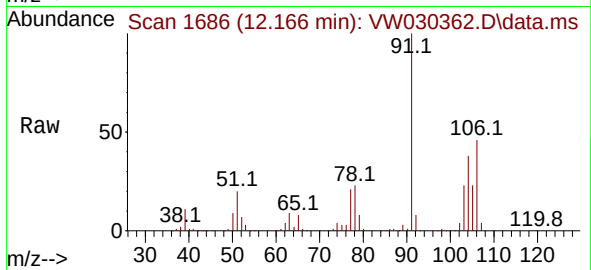




#54
o-Xylene
Concen: 23.992 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

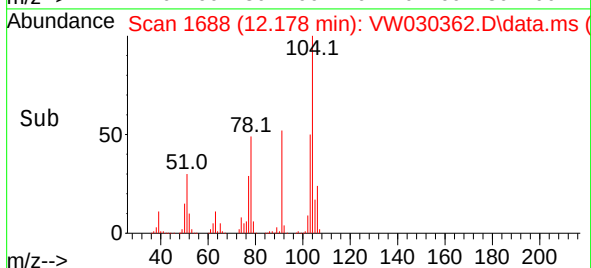
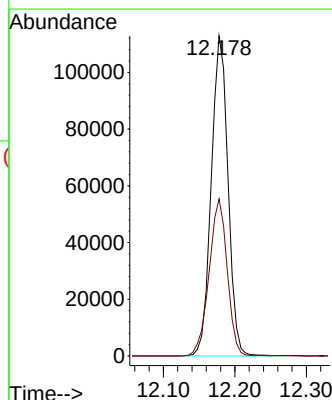
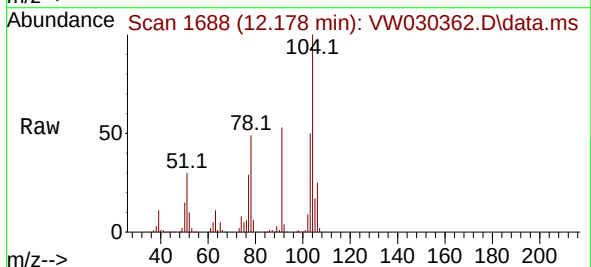
Instrument :
MSVOA_W
ClientSampleId :

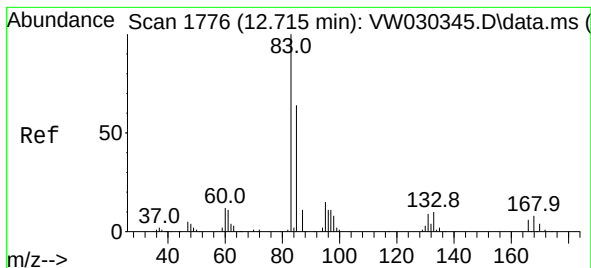
Tgt Ion:106 Resp: 105762
Ion Ratio Lower Upper
106 100
91 215.6 153.6 285.2



#55
Styrene
Concen: 24.373 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Tgt Ion:104 Resp: 183285
Ion Ratio Lower Upper
104 100
78 49.0 34.6 64.3





#57

1,1,2,2-Tetrachloroethane

Concen: 23.161 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

ClientSampleId :

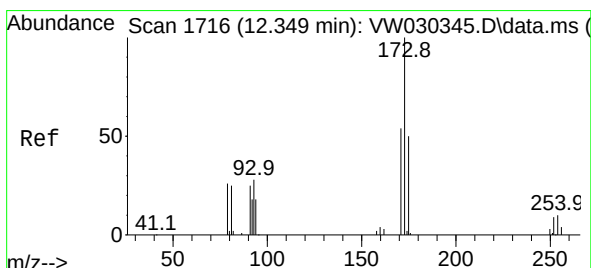
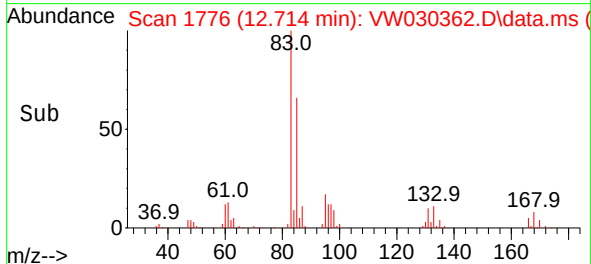
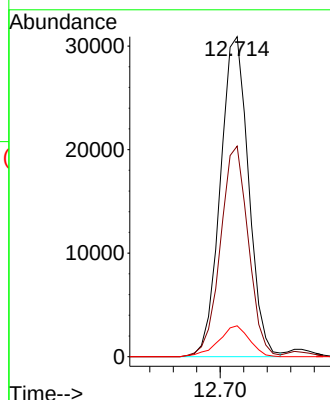
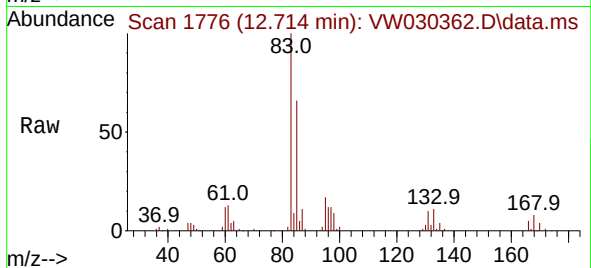
Tgt Ion: 83 Resp: 51595

Ion Ratio Lower Upper

83 100

85 65.8 43.9 81.5

131 9.6 7.1 10.7



#59

Bromoform

Concen: 21.522 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

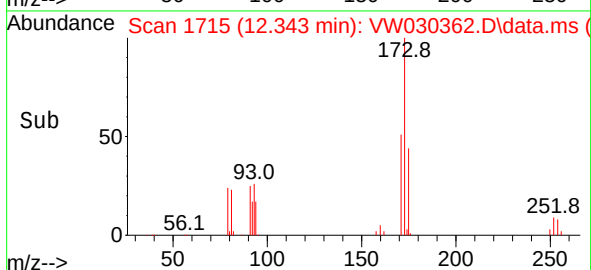
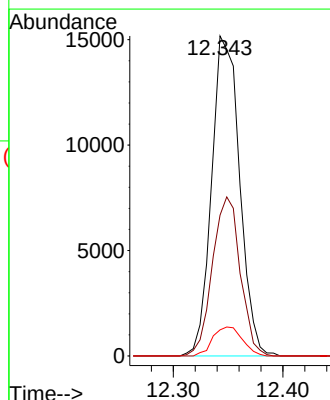
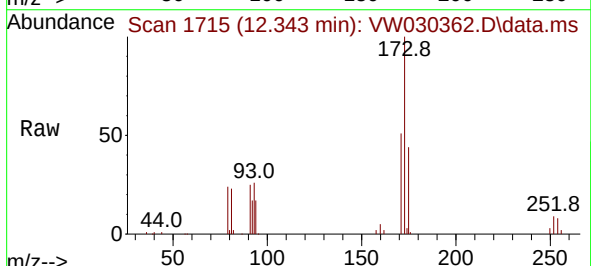
Tgt Ion:173 Resp: 26967

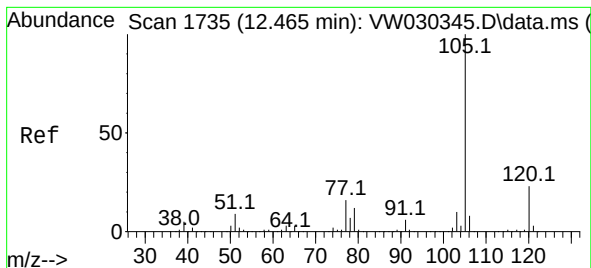
Ion Ratio Lower Upper

173 100

175 49.3 38.7 58.1

254 9.6 7.4 11.2





#60

Isopropylbenzene

Concen: 23.880 ug/L

RT: 12.464 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

ClientSampleId :

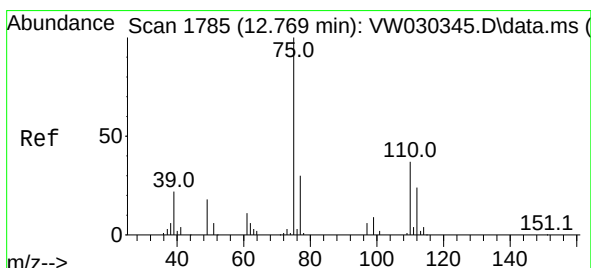
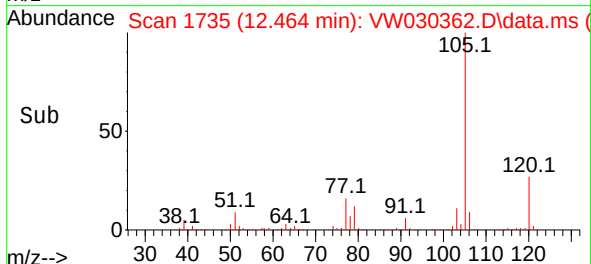
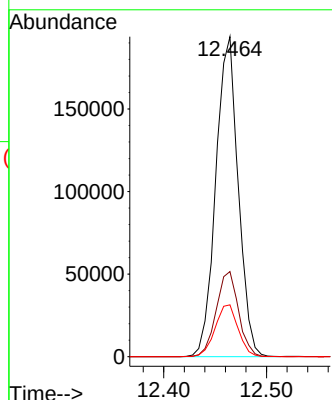
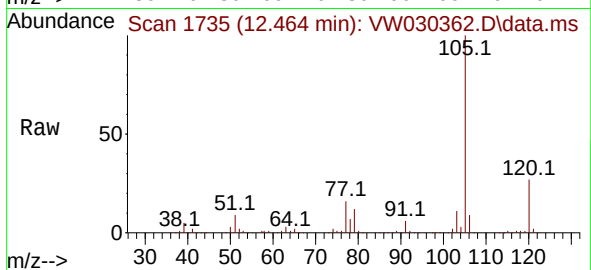
Tgt Ion:105 Resp: 293148

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 16.7 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 22.677 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

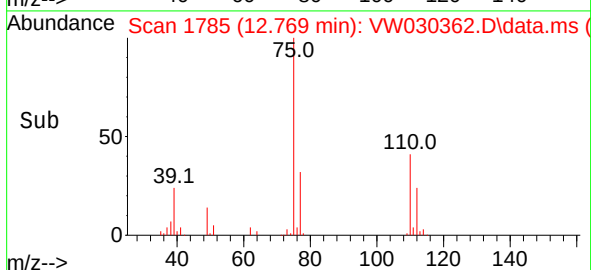
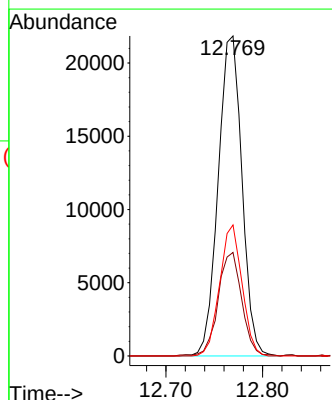
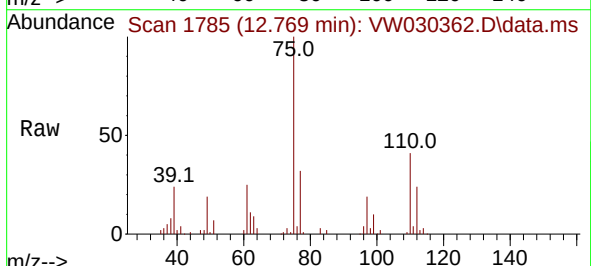
Tgt Ion: 75 Resp: 37285

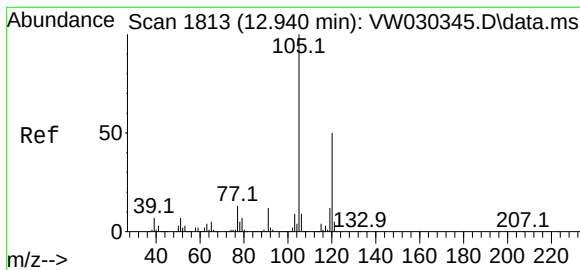
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

110 38.5 30.8 46.2

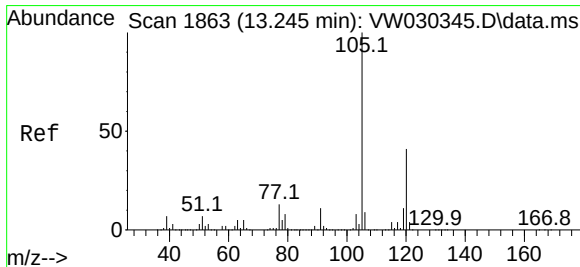
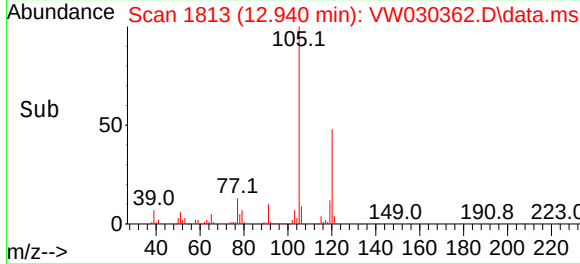
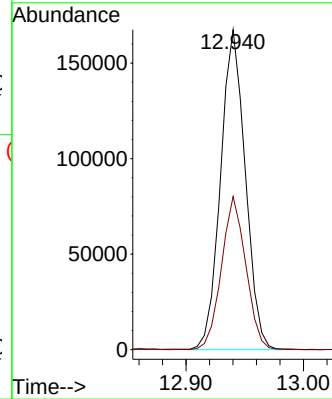
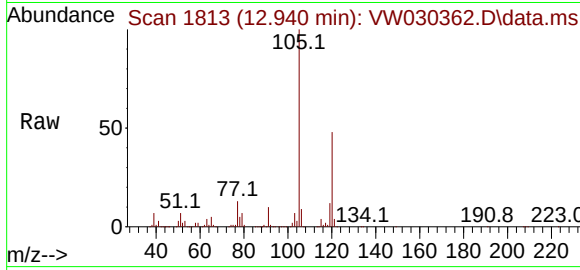




#62
1,3,5-Trimethylbenzene
Concen: 24.690 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

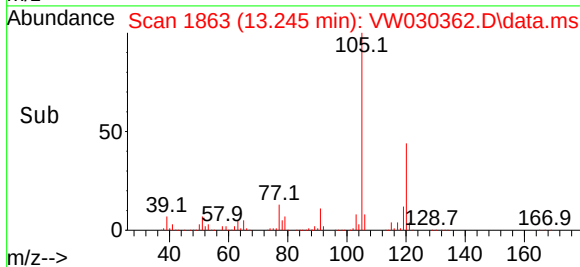
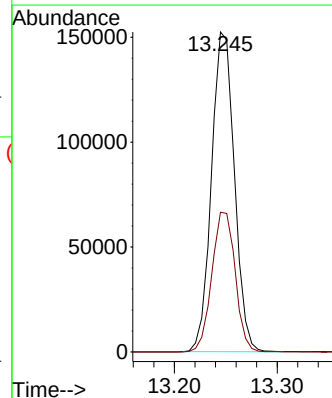
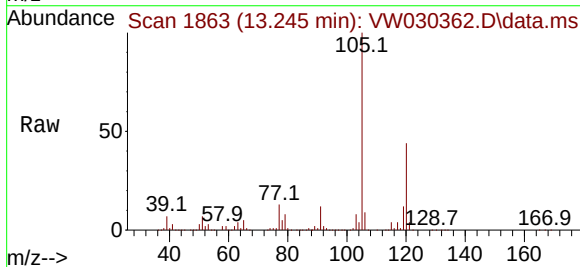
Instrument :
MSVOA_W
ClientSampleId :

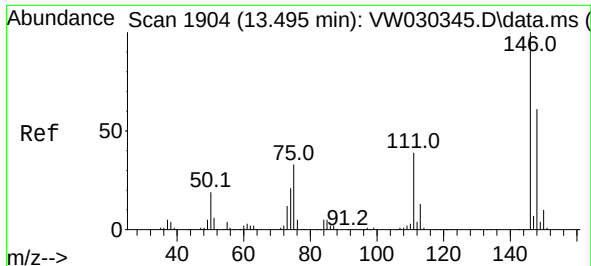
Tgt Ion:105 Resp: 245160
Ion Ratio Lower Upper
105 100
120 47.2 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 24.037 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Tgt Ion:105 Resp: 235812
Ion Ratio Lower Upper
105 100
120 44.6 34.4 51.6

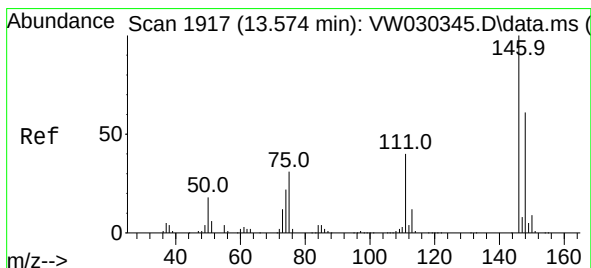
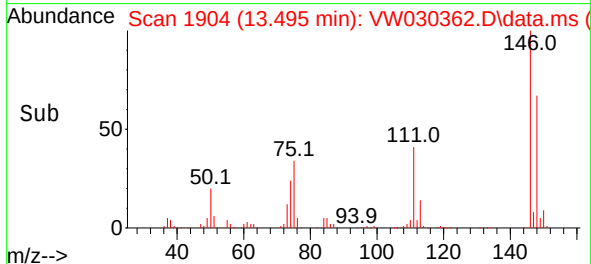
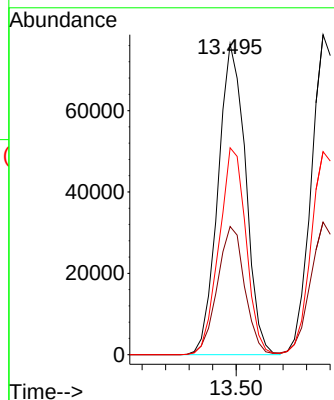
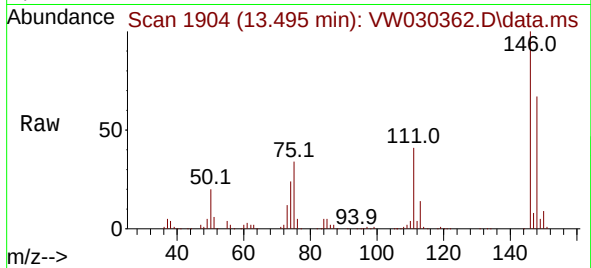




#64
1,3-Dichlorobenzene
Concen: 22.695 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

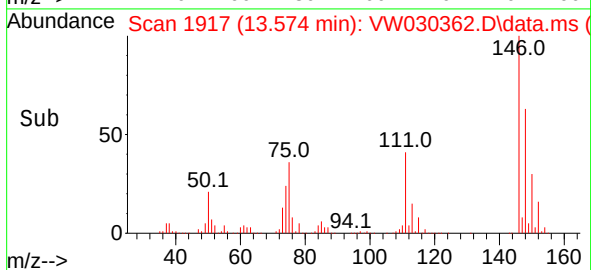
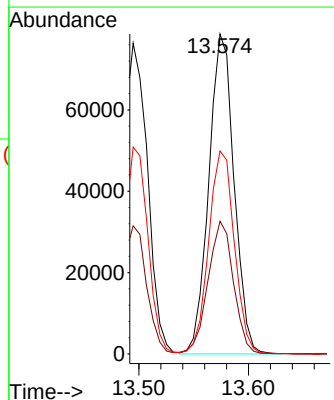
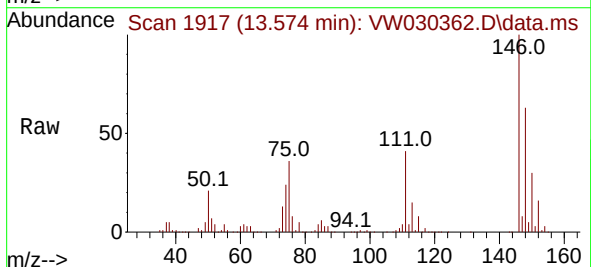
Instrument :
MSVOA_W
ClientSampleId :

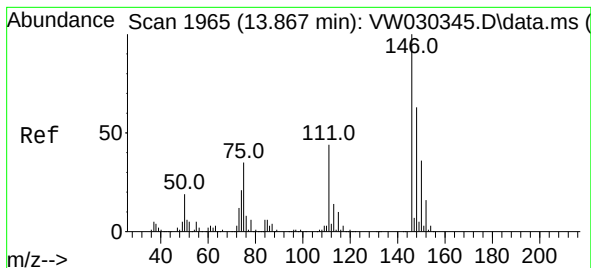
Tgt Ion:146 Resp: 124508
Ion Ratio Lower Upper
146 100
111 41.2 33.2 61.6
148 66.6 50.4 93.6



#65
1,4-Dichlorobenzene
Concen: 22.493 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030362.D
Acq: 03 Oct 2024 09:38

Tgt Ion:146 Resp: 126056
Ion Ratio Lower Upper
146 100
111 41.4 29.1 54.1
148 63.4 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 22.860 ug/L

RT: 13.867 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

ClientSampleId :

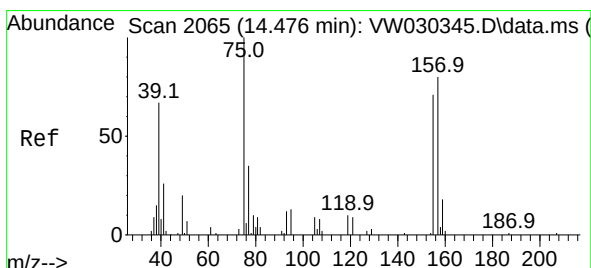
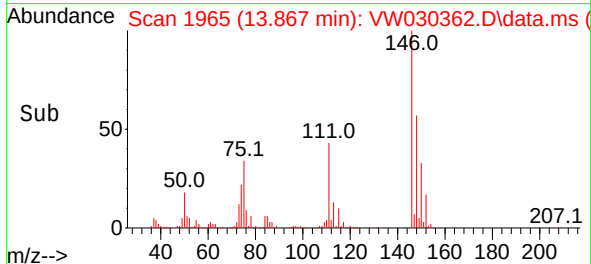
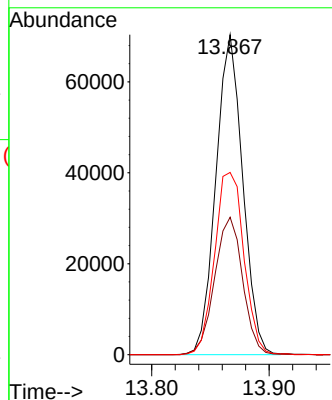
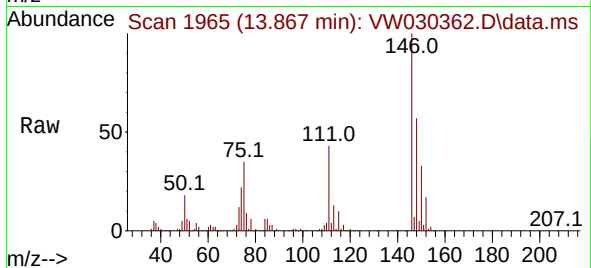
Tgt Ion:146 Resp: 111809

Ion Ratio Lower Upper

146 100

111 42.9 40.1 60.1

148 56.9 55.7 83.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.459 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

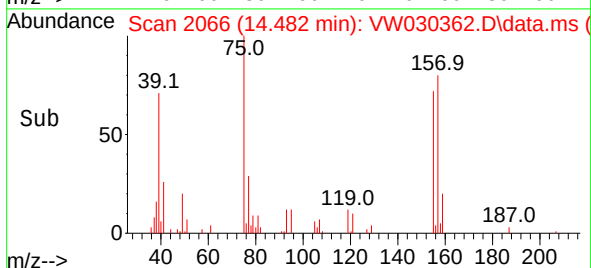
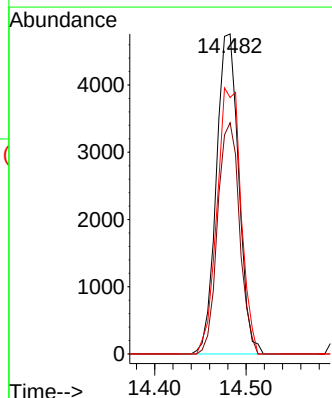
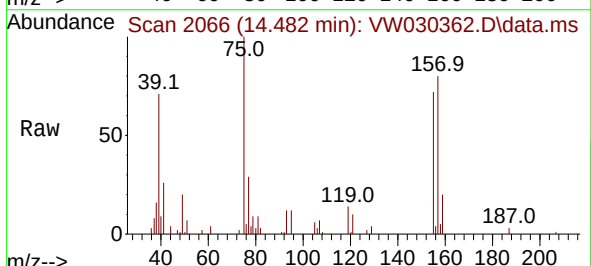
Tgt Ion: 75 Resp: 8084

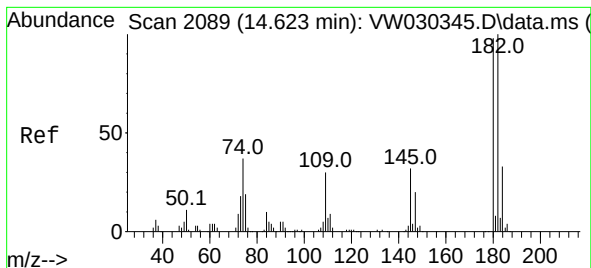
Ion Ratio Lower Upper

75 100

155 72.2 60.1 90.1

157 80.2 74.3 111.5





#69

1,3,5-Trichlorobenzene

Concen: 22.604 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

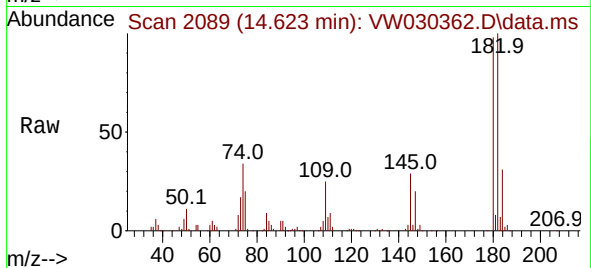
Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 85591

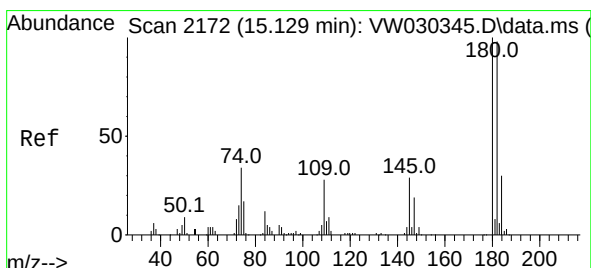
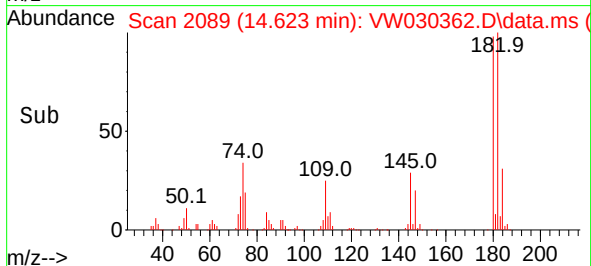
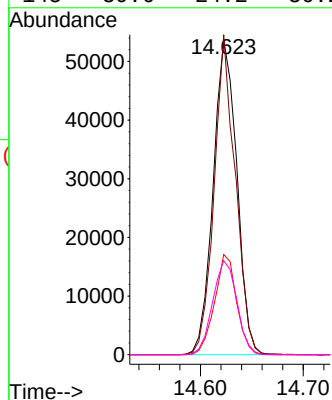
Ion Ratio Lower Upper

180 100

182 91.2 77.4 116.2

184 29.7 24.5 36.7

145 30.6 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 22.405 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

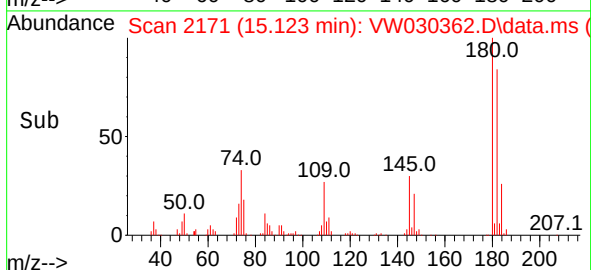
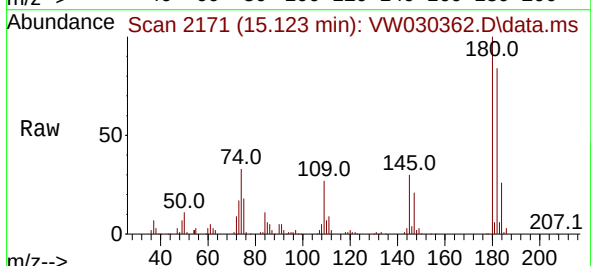
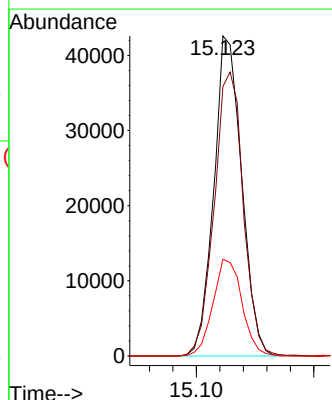
Tgt Ion:180 Resp: 70241

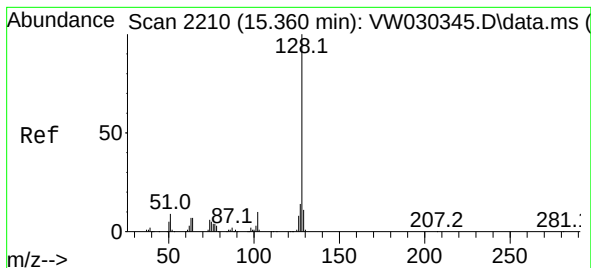
Ion Ratio Lower Upper

180 100

182 92.2 77.2 115.8

145 31.4 25.3 37.9





#71

Naphthalene

Concen: 21.606 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Instrument :

MSVOA_W

ClientSampleId :

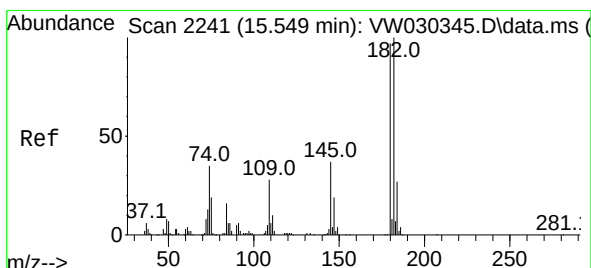
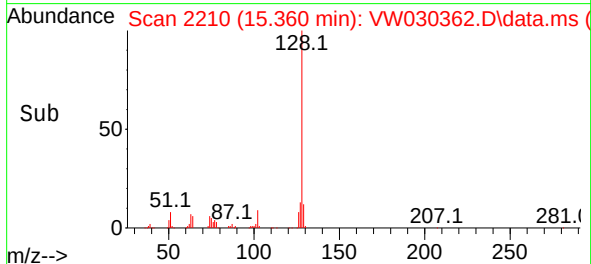
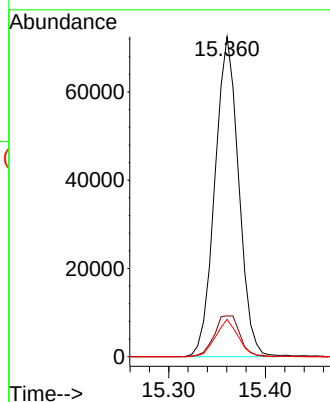
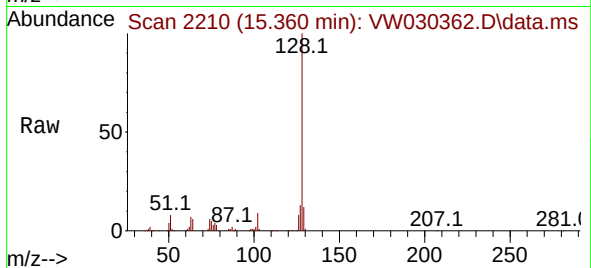
Tgt Ion:128 Resp: 123896

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.162 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030362.D

Acq: 03 Oct 2024 09:38

Tgt Ion:180 Resp: 60814

Ion Ratio Lower Upper

180 100

182 91.2 75.6 113.4

145 32.8 25.6 38.4

