

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030564.D
 Acq On : 11 Oct 2024 21:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 01:46:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 01:34:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	297865	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	283836	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	141527	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.368	65	105602	22.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.200%
7) Chloroethane-d5	2.905	69	89720	25.316	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.280%
11) 1,1-Dichloroethene-d2	4.027	65	48060	24.680	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.720%
21) 2-Butanone-d5	7.081	46	48371	57.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.820%
24) Chloroform-d	7.648	84	231331	27.157	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.640%
26) 1,2-Dichloroethane-d4	8.306	65	123055	27.781	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.120%
32) Benzene-d6	8.276	84	430548	26.135	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.560%
36) 1,2-Dichloropropane-d6	9.276	67	131003	27.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.360%
41) Toluene-d8	10.324	98	403524	26.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.320%
43) trans-1,3-Dichloroprop...	10.580	79	54472	26.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.600%
47) 2-Hexanone-d5	10.922	63	37920	60.889	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100740	28.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	131939	27.552	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.015	85	90510	23.783	ug/L	92
3) Chloromethane	2.222	50	116141	26.258	ug/L	98
5) Vinyl chloride	2.375	62	145153	26.685	ug/L	98
6) Bromomethane	2.795	94	98464	27.502	ug/L	98
8) Chloroethane	2.935	64	91837	27.619	ug/L	100
9) Trichlorofluoromethane	3.271	101	118635	24.375	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	109466	24.999	ug/L #	86
12) 1,1-Dichloroethene	4.045	96	107294	26.848	ug/L	91
13) Acetone	4.118	43	54312	44.029	ug/L	96
14) Carbon disulfide	4.392	76	345569	26.480	ug/L	100
15) Methyl Acetate	4.667	43	44124	28.957	ug/L	98
16) Methylene chloride	4.923	84	119537	26.546	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	119374	27.682	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	183468	30.399	ug/L	99
19) 1,1-Dichloroethane	6.221	63	223278	27.859	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	128022	27.834	ug/L	95
22) 2-Butanone	7.166	43	64409	48.439	ug/L	100
23) Bromochloromethane	7.514	128	55390	27.528	ug/L	87
25) Chloroform	7.678	83	236541	27.618	ug/L	96

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 Response via : Initial Calibration

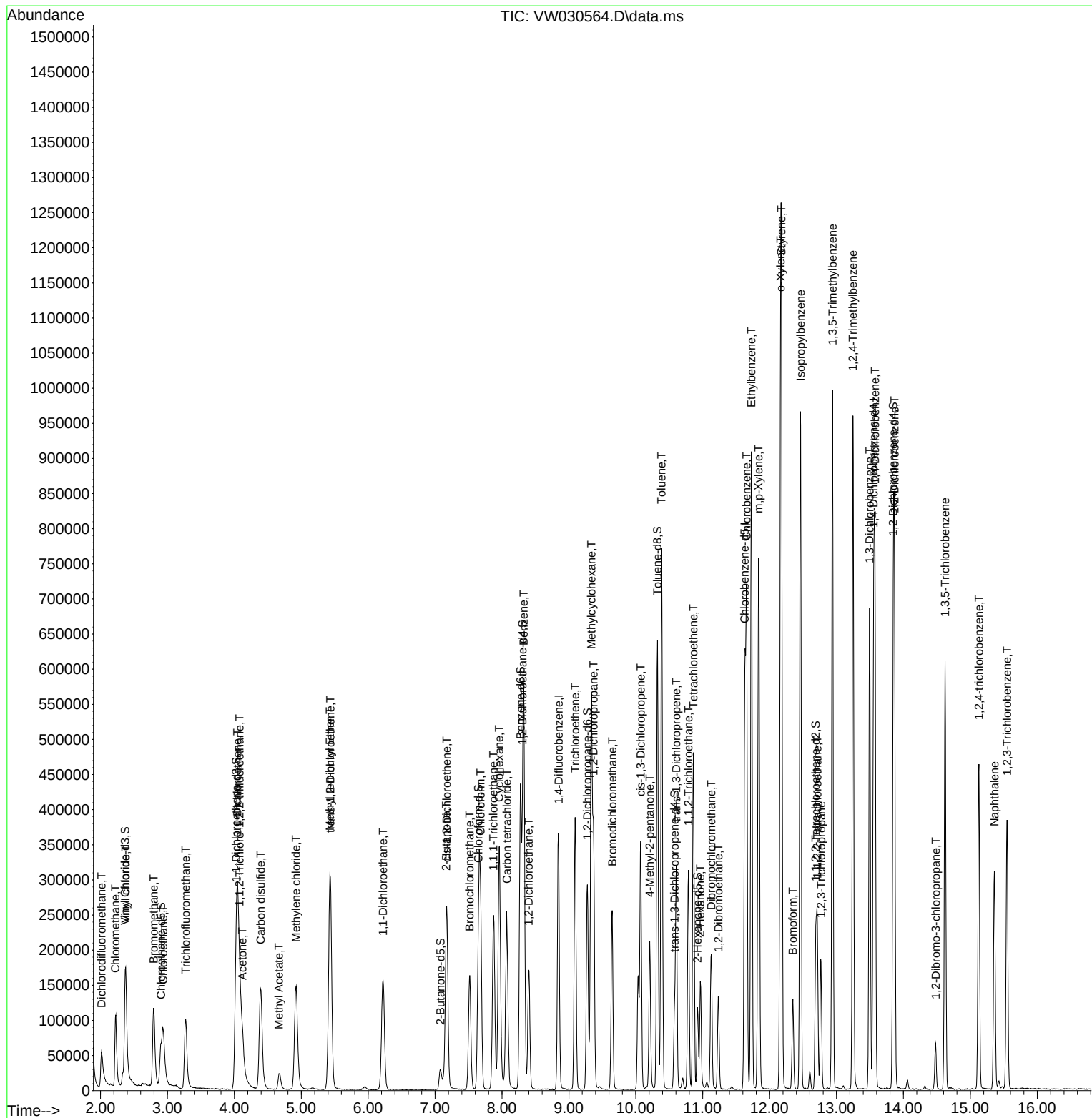
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	155623	27.542	ug/L	100
29) Cyclohexane	7.959	56	190420	27.560	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	192863	25.597	ug/L	99
31) Carbon tetrachloride	8.075	117	170767	25.375	ug/L	99
33) Benzene	8.325	78	496473	26.879	ug/L	100
34) Trichloroethene	9.093	95	130891	25.472	ug/L	99
35) Methylcyclohexane	9.337	83	216574	26.780	ug/L	99
37) 1,2-Dichloropropane	9.367	63	127012	27.533	ug/L	99
38) Bromodichloromethane	9.648	83	166202	27.079	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	194223	27.912	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	132893	59.964	ug/L	97
42) Toluene	10.385	91	546258	27.721	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	163759	28.006	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	90238	27.066	ug/L	95
46) Tetrachloroethene	10.861	164	91558	24.157	ug/L	94
48) 2-Hexanone	10.964	43	96209	53.085	ug/L	99
49) Dibromochloromethane	11.129	129	99929	26.862	ug/L	96
50) 1,2-Dibromoethane	11.233	107	86452	27.789	ug/L	98
51) Chlorobenzene	11.653	112	339138	26.735	ug/L	97
52) Ethylbenzene	11.727	91	625056	27.798	ug/L	97
53) m,p-Xylene	11.836	106	227449	27.000	ug/L	97
54) o-Xylene	12.165	106	217479	27.925	ug/L	98
55) Styrene	12.178	104	378839	28.455	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	106329	28.281	ug/L	97
59) Bromoform	12.348	173	54009	27.162	ug/L	98
60) Isopropylbenzene	12.464	105	614052	28.017	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	73261	26.602	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	503122	29.097	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	488300	28.843	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	260125	27.267	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	260042	26.399	ug/L	93
67) 1,2-Dichlorobenzene	13.866	146	234768	27.966	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	16298	26.541	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	171161	27.207	ug/L	94
70) 1,2,4-trichlorobenzene	15.128	180	137895	27.228	ug/L	98
71) Naphthalene	15.360	128	256422	29.306	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	118050	26.888	ug/L	98

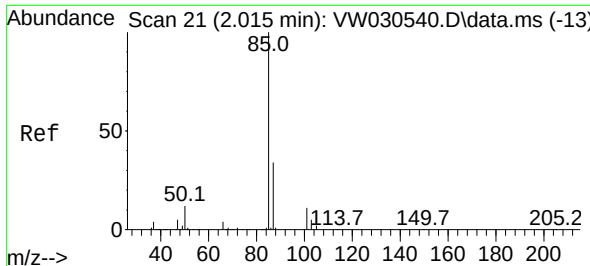
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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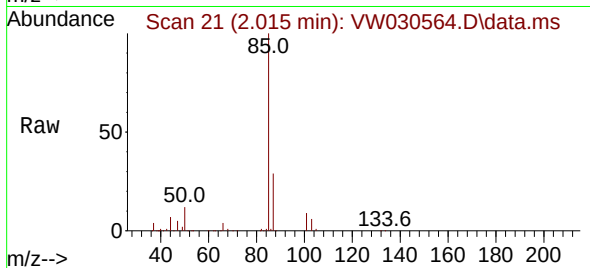
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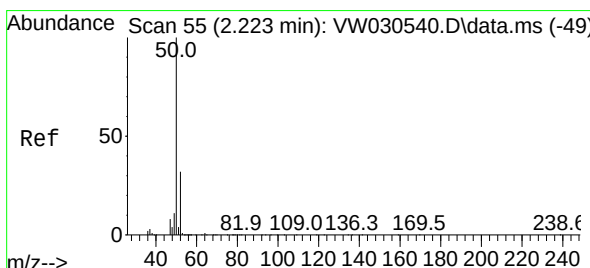
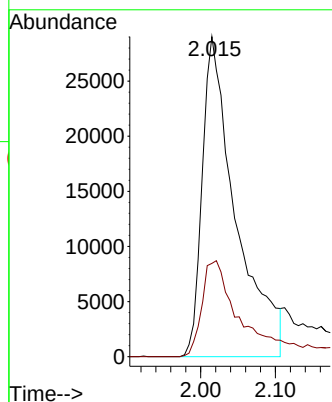
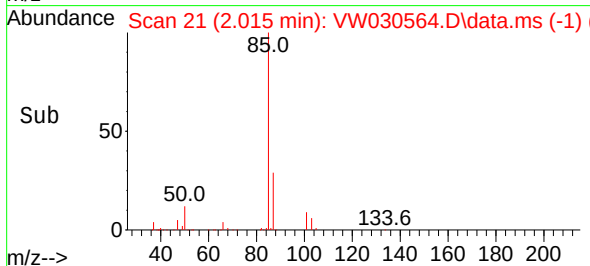


#2
 Dichlorodifluoromethane
 Concen: 23.783 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW030564.D
 Acq: 11 Oct 2024 21:13

Instrument :
 MSVOA_W
 ClientSampleId :

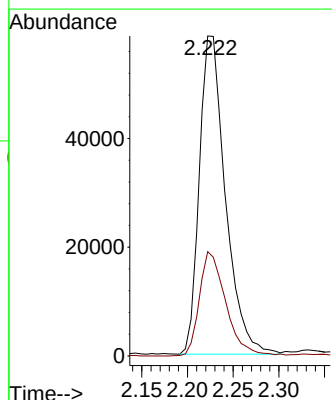
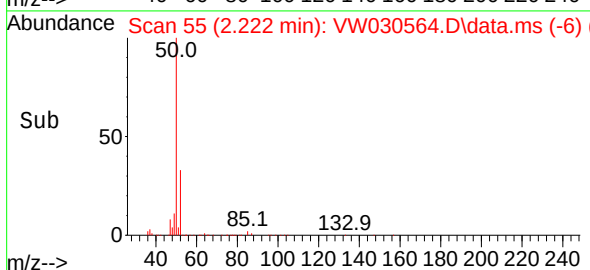
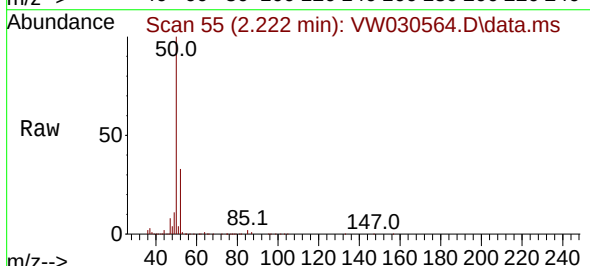


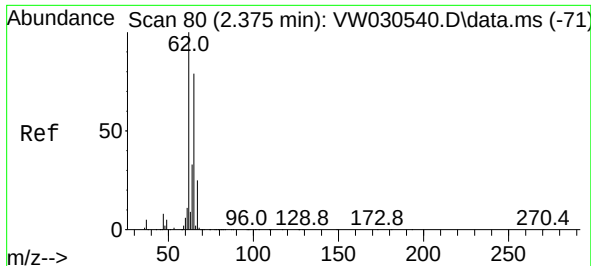
Tgt Ion: 85 Resp: 90510
 Ion Ratio Lower Upper
 85 100
 87 25.6 23.8 35.6



#3
 Chloromethane
 Concen: 26.258 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW030564.D
 Acq: 11 Oct 2024 21:13

Tgt Ion: 50 Resp: 116141
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9

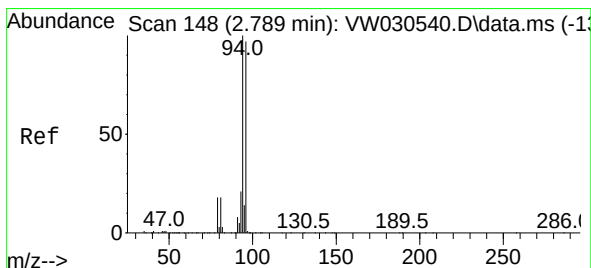
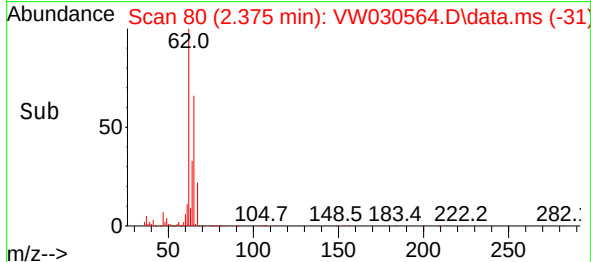
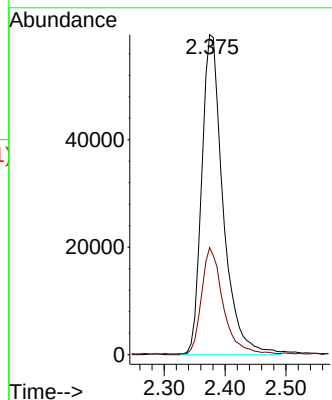
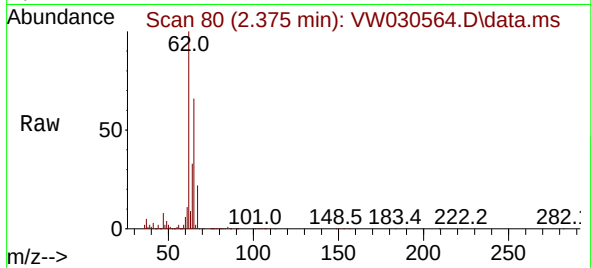




#5
 Vinyl chloride
 Concen: 26.685 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030564.D
 Acq: 11 Oct 2024 21:13

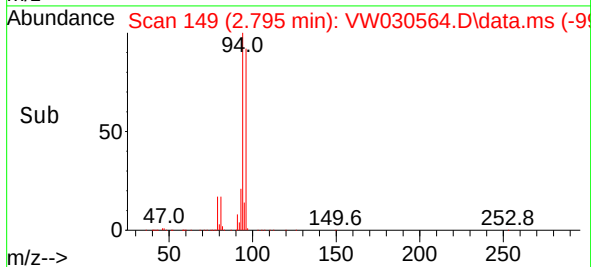
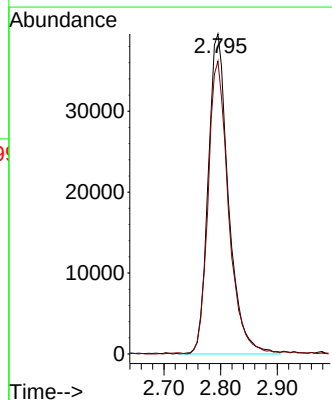
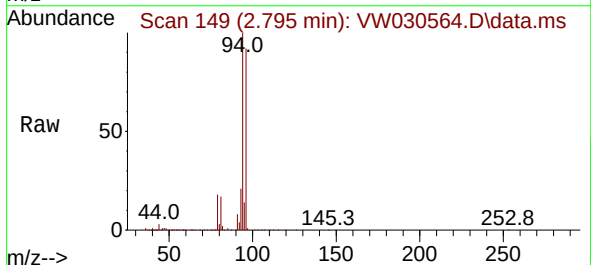
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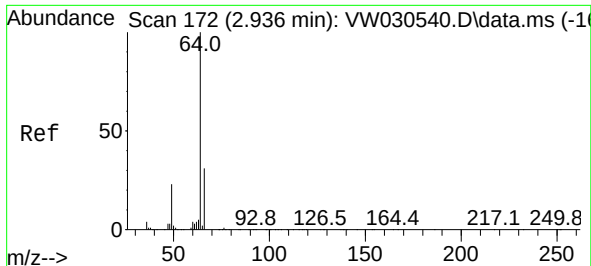
Tgt Ion: 62 Resp: 145153
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.6 42.0



#6
 Bromomethane
 Concen: 27.502 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030564.D
 Acq: 11 Oct 2024 21:13

Tgt Ion: 94 Resp: 98464
 Ion Ratio Lower Upper
 94 100
 96 91.5 62.6 116.2

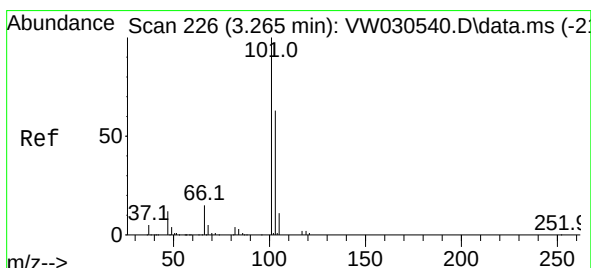
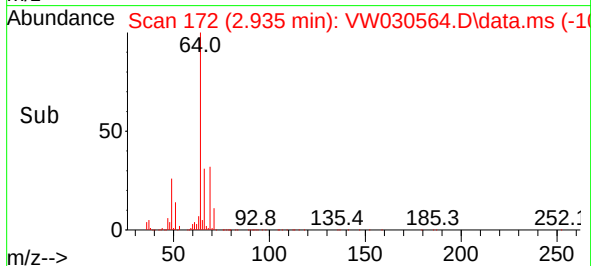
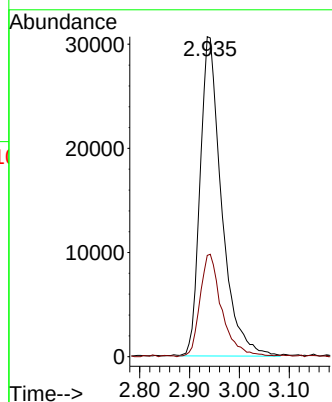
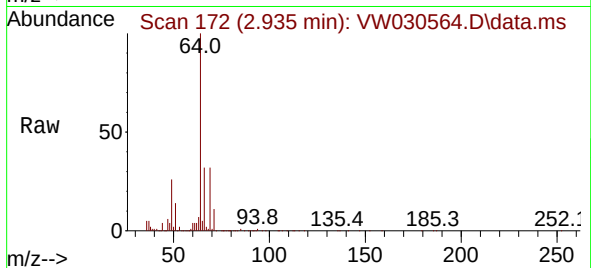




#8
Chloroethane
Concen: 27.619 ug/L
RT: 2.935 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

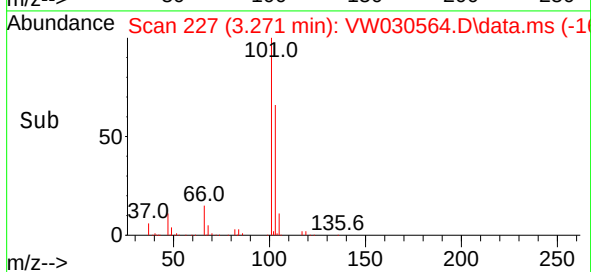
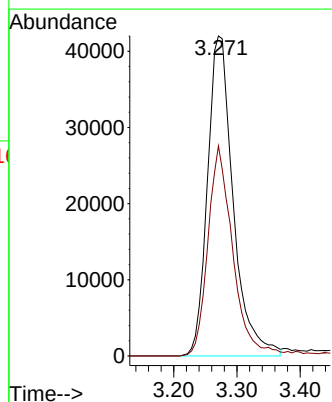
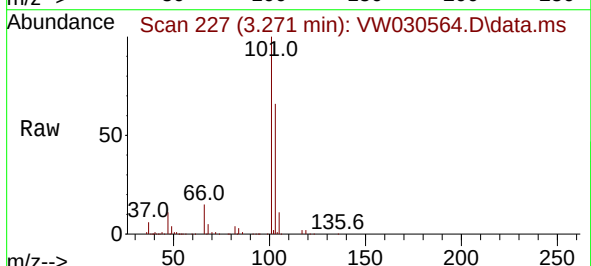
Instrument :
MSVOA_W
ClientSampleId :

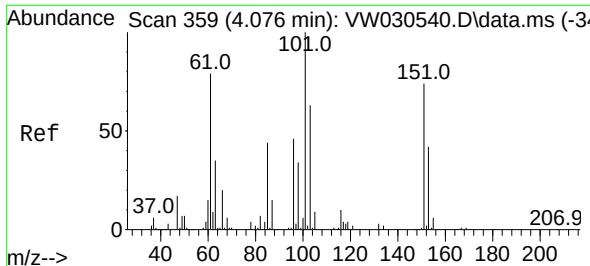
Tgt Ion: 64 Resp: 91837
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.375 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

Tgt Ion:101 Resp: 118635
Ion Ratio Lower Upper
101 100
103 62.0 51.1 76.7





#10

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

Concen: 24.999 ug/L

RT: 4.075 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

ClientSampleId :

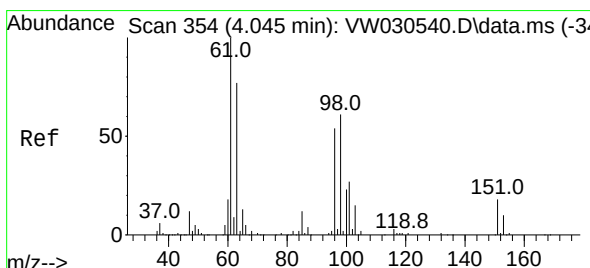
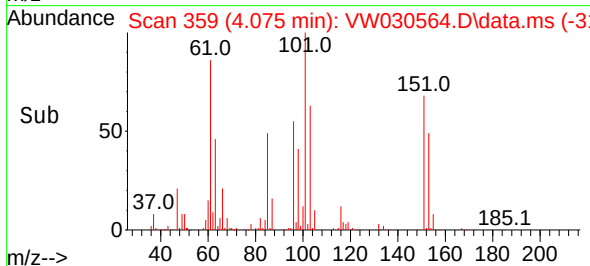
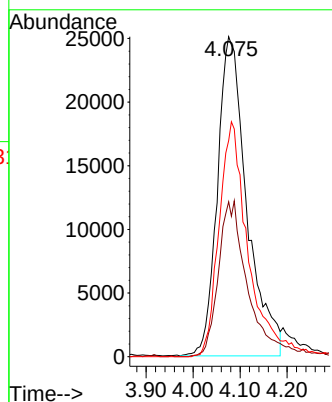
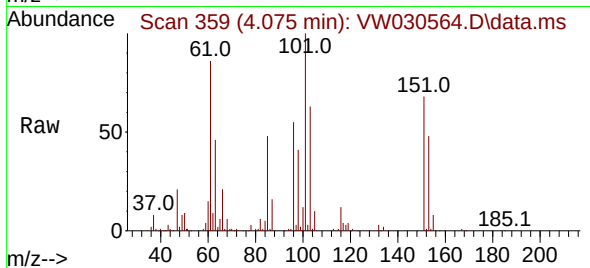
Tgt Ion:101 Resp: 109466

Ion Ratio Lower Upper

101 100

85 22.9 35.7 53.5#

151 69.3 56.1 84.1



#12

1,1-Dichloroethene

Concen: 26.848 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

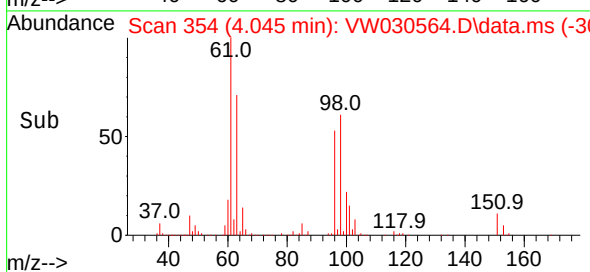
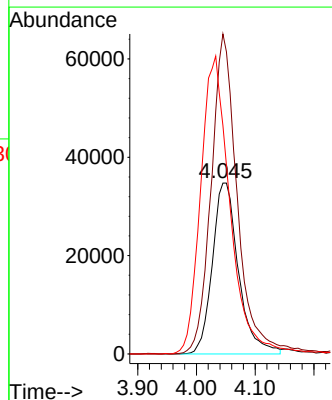
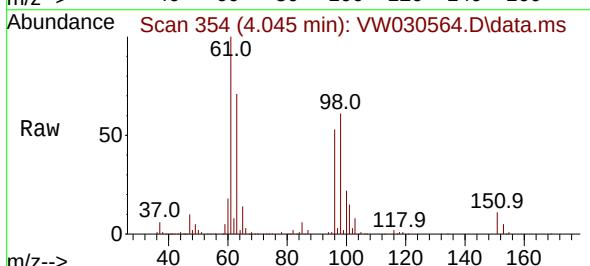
Tgt Ion: 96 Resp: 107294

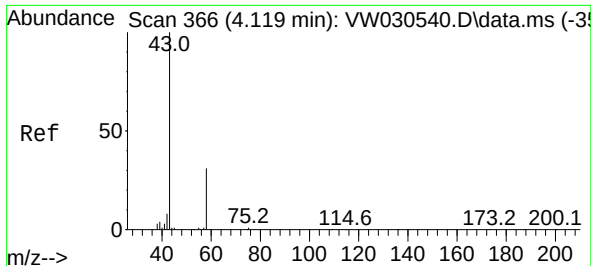
Ion Ratio Lower Upper

96 100

61 187.2 121.3 225.3

63 133.6 87.6 162.8

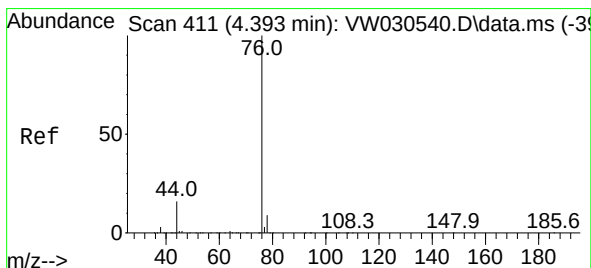
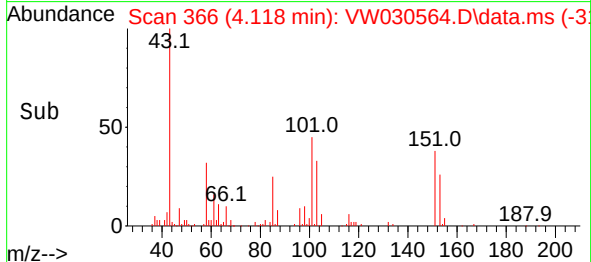
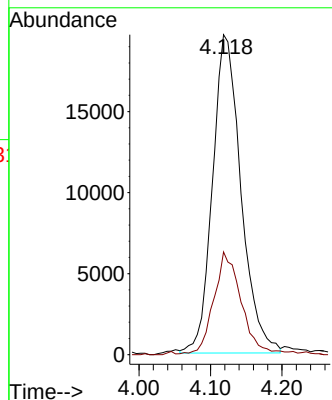
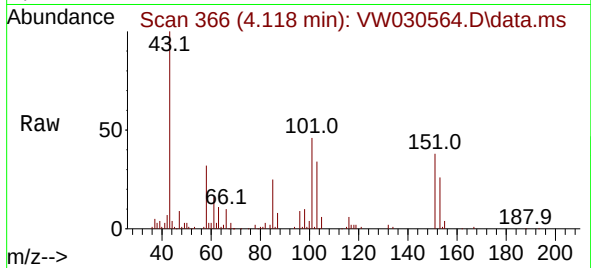




#13
Acetone
Concen: 44.029 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

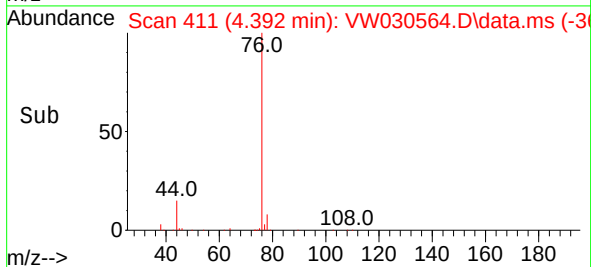
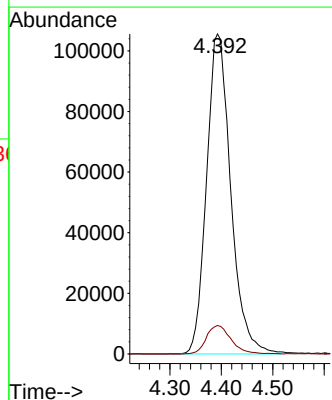
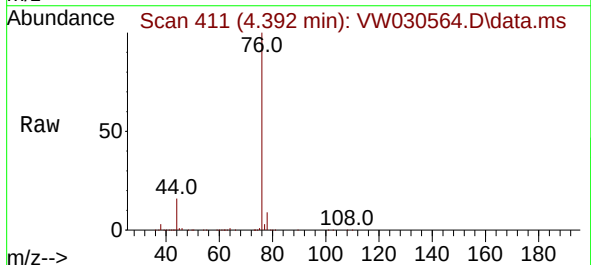
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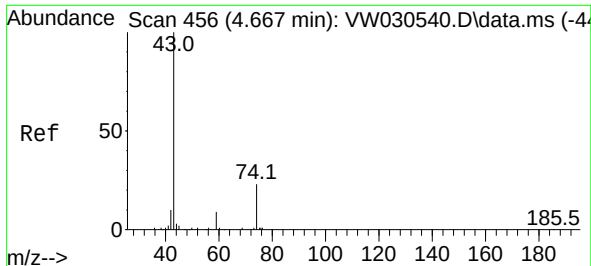
Tgt Ion: 43 Resp: 54312
Ion Ratio Lower Upper
43 100
58 30.8 0.0 57.6



#14
Carbon disulfide
Concen: 26.480 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 345569
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

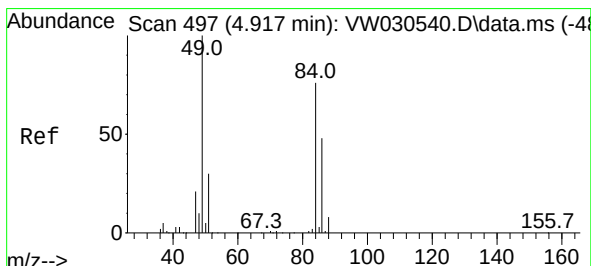
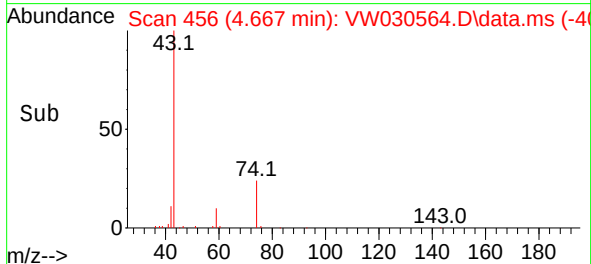
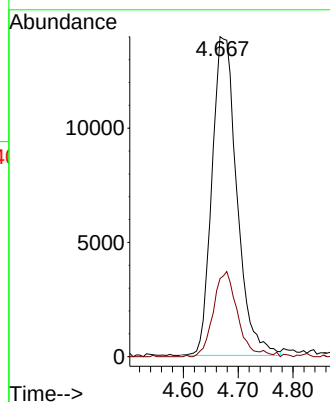
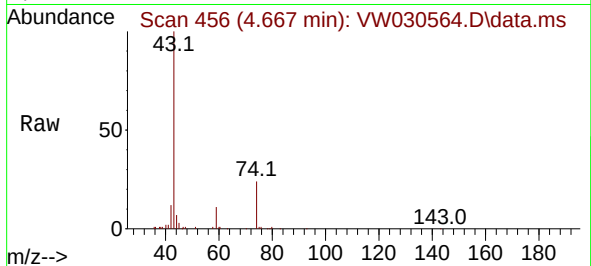




#15
Methyl Acetate
Concen: 28.957 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

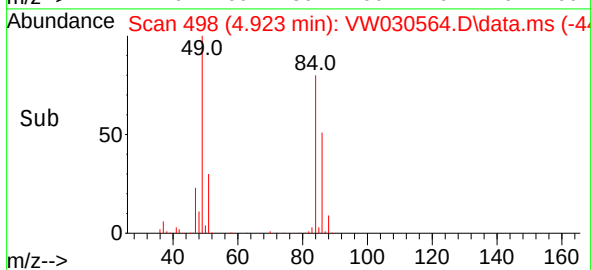
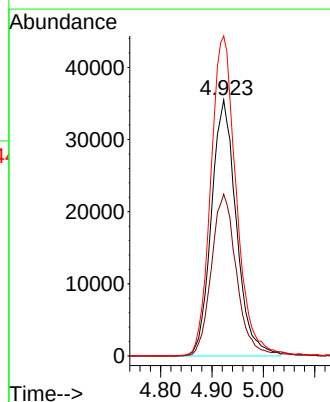
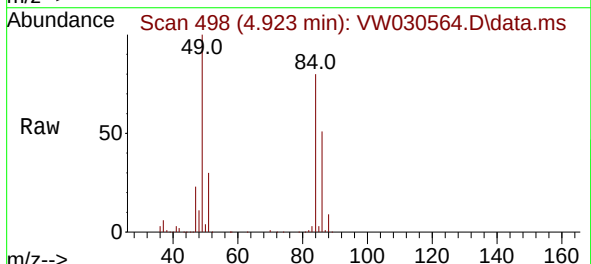
Instrument :
MSVOA_W
ClientSampleId :

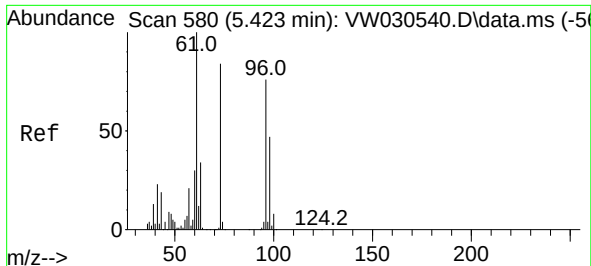
Tgt Ion: 43 Resp: 44124
Ion Ratio Lower Upper
43 100
74 25.2 19.3 28.9



#16
Methylene chloride
Concen: 26.546 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

Tgt Ion: 84 Resp: 119537
Ion Ratio Lower Upper
84 100
86 63.2 43.8 81.3
49 125.0 88.3 164.1

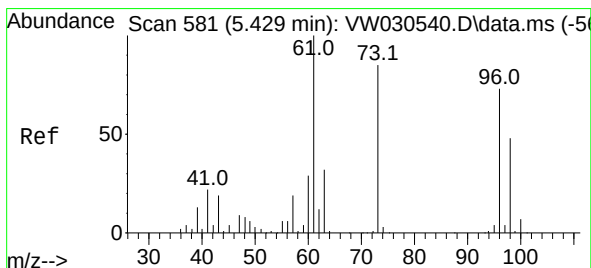
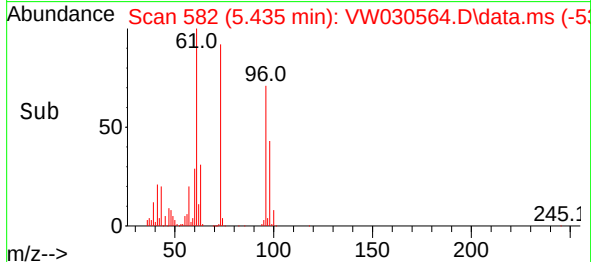
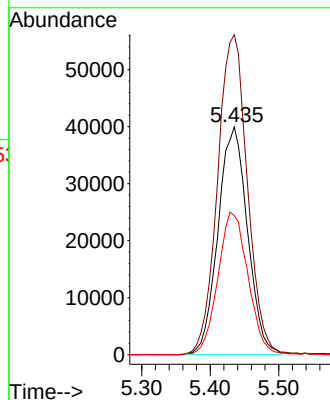
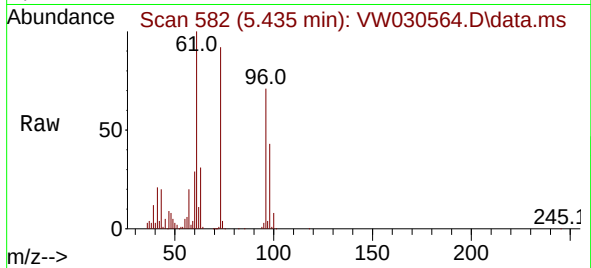




#17
trans-1,2-Dichloroethene
Concen: 27.682 ug/L
RT: 5.435 min Scan# 580
Delta R.T. 0.012 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

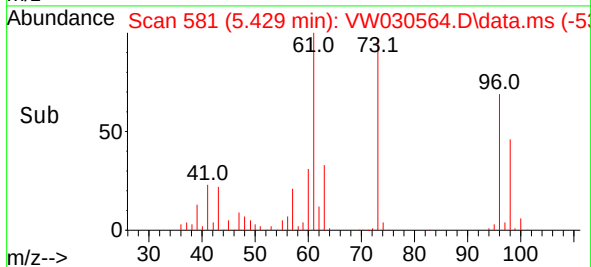
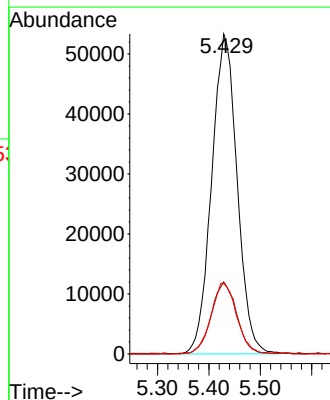
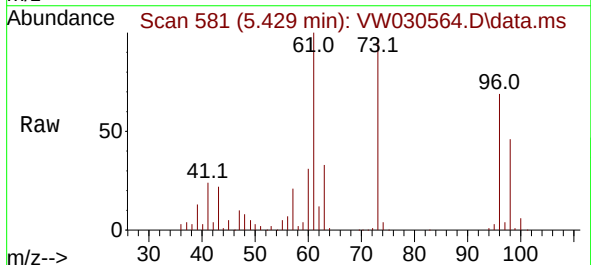
Instrument :
MSVOA_W
ClientSampleId :

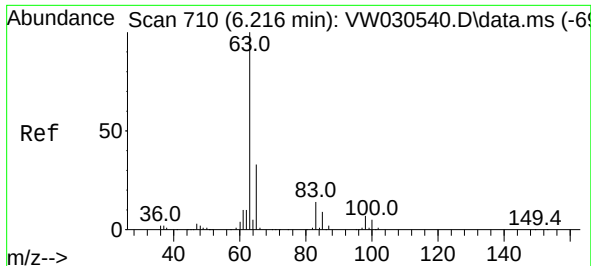
Tgt Ion: 96 Resp: 119374
Ion Ratio Lower Upper
96 100
61 140.6 96.9 179.9
98 61.1 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 30.399 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

Tgt Ion: 73 Resp: 183468
Ion Ratio Lower Upper
73 100
43 22.3 18.1 27.1
57 22.4 17.7 26.5

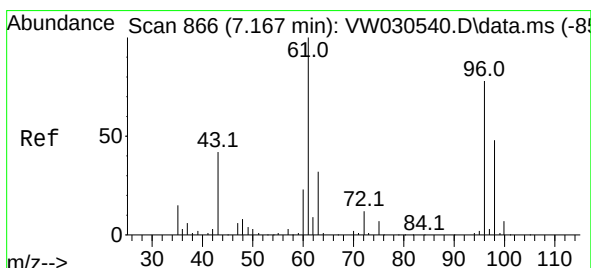
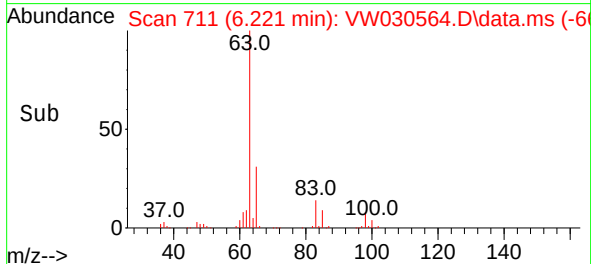
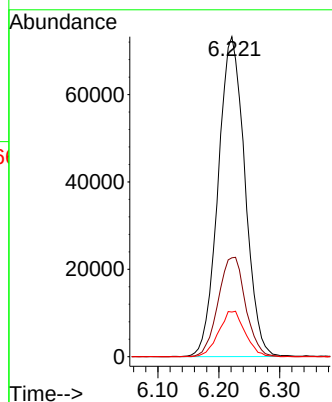
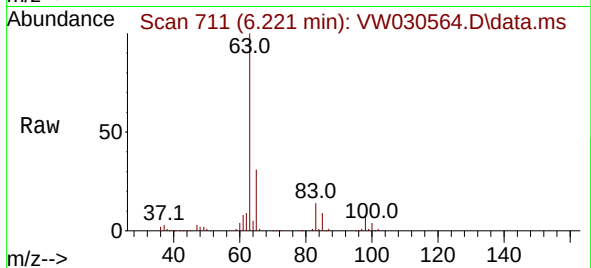




#19
1,1-Dichloroethane
Concen: 27.859 ug/L
RT: 6.221 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

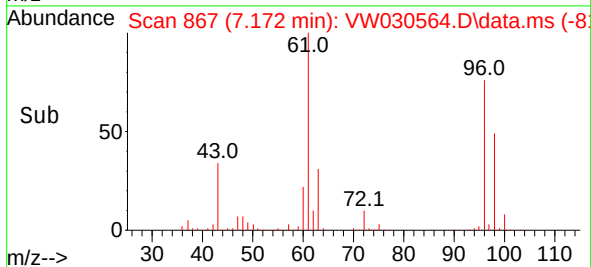
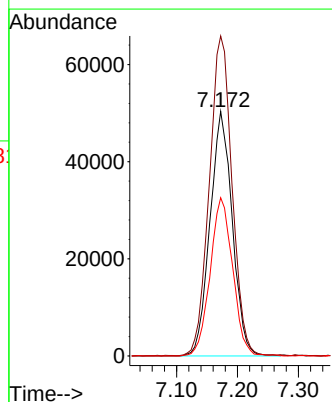
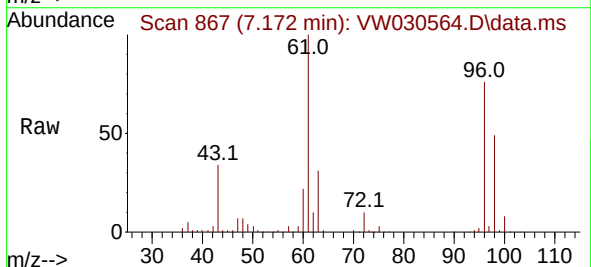
Instrument :
MSVOA_W
ClientSampleId :

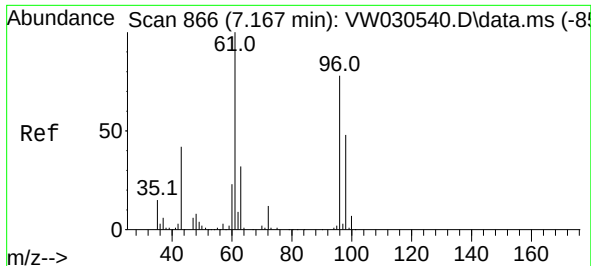
Tgt Ion: 63 Resp: 223278
Ion Ratio Lower Upper
63 100
65 30.9 22.5 41.9
83 14.0 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 27.834 ug/L
RT: 7.172 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

Tgt Ion: 96 Resp: 128022
Ion Ratio Lower Upper
96 100
61 130.8 88.3 163.9
98 64.7 41.3 76.7





#22

2-Butanone

Concen: 48.439 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

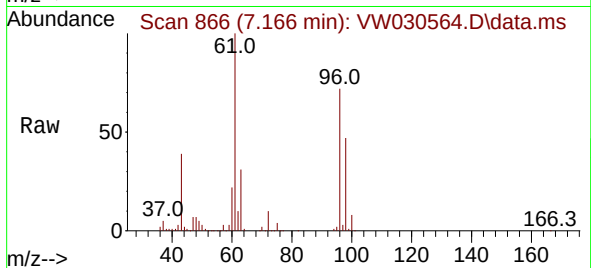
Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

ClientSampleId :

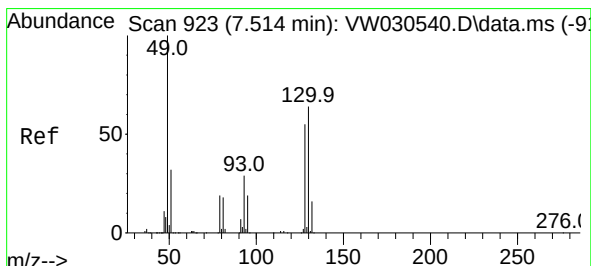
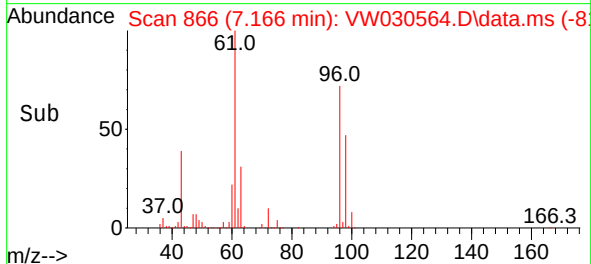
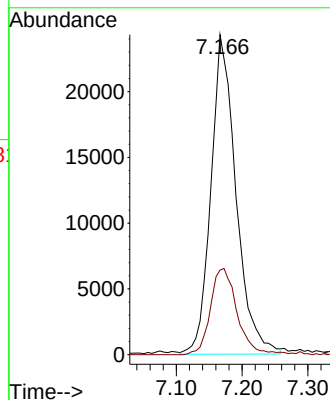


Tgt Ion: 43 Resp: 64409

Ion Ratio Lower Upper

43 100

72 28.4 14.4 43.0



#23

Bromochloromethane

Concen: 27.528 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Tgt Ion: 128 Resp: 55390

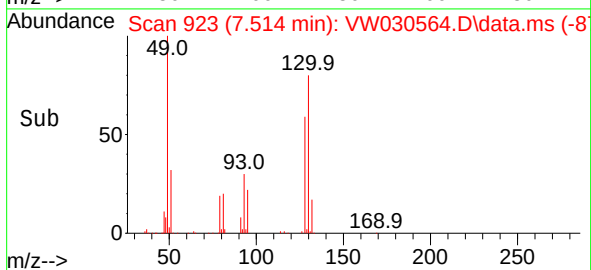
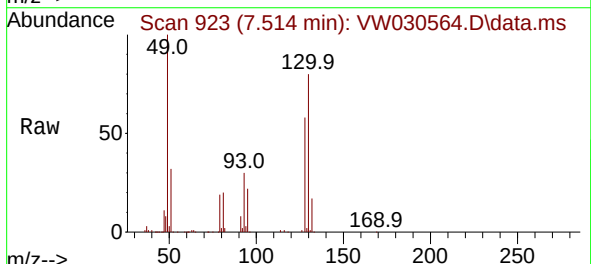
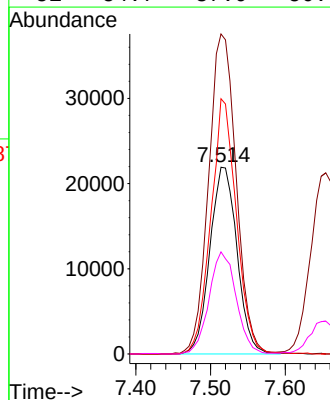
Ion Ratio Lower Upper

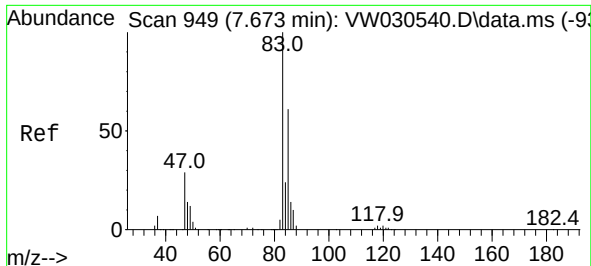
128 100

49 171.4 110.1 204.5

130 136.7 82.9 153.9

51 54.7 37.9 56.9





#25

Chloroform

Concen: 27.618 ug/L

RT: 7.678 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

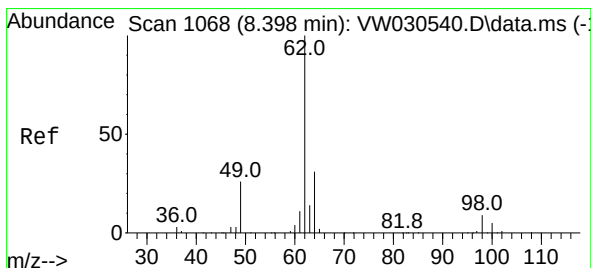
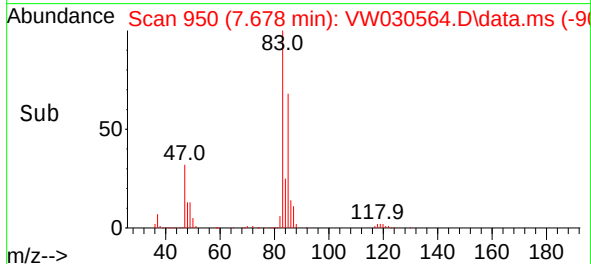
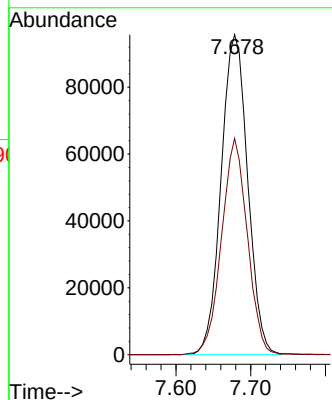
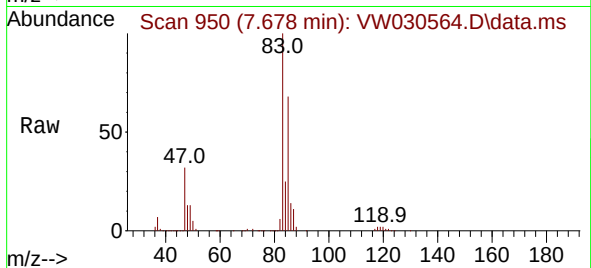
ClientSampleId :

Tgt Ion: 83 Resp: 236541

Ion Ratio Lower Upper

83 100

85 67.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 27.542 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030564.D

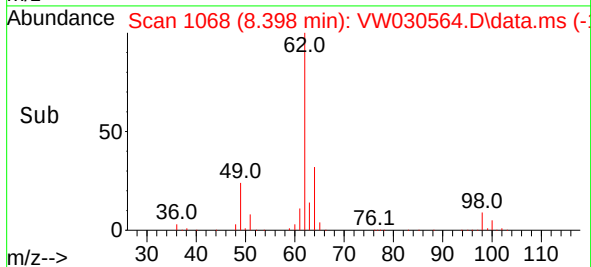
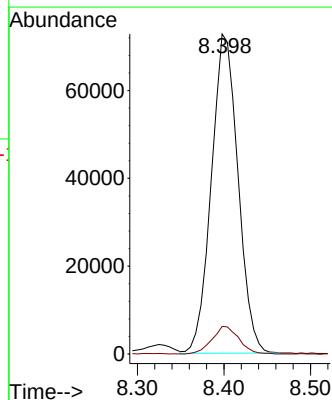
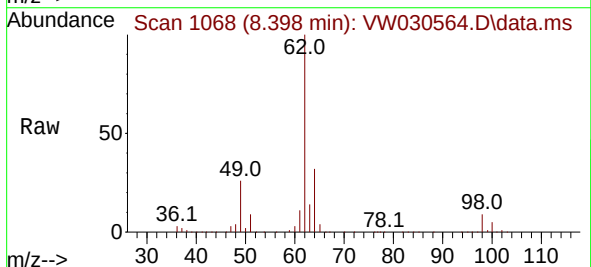
Acq: 11 Oct 2024 21:13

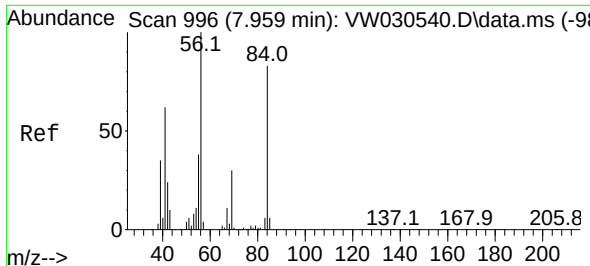
Tgt Ion: 62 Resp: 155623

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6





#29

Cyclohexane

Concen: 27.560 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

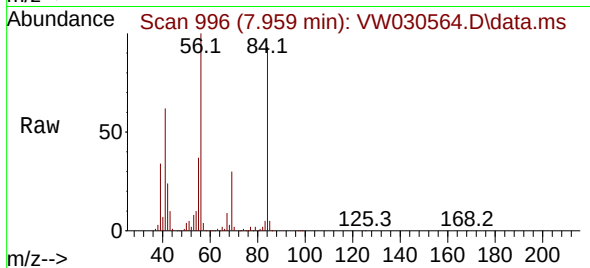
Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

ClientSampleId :



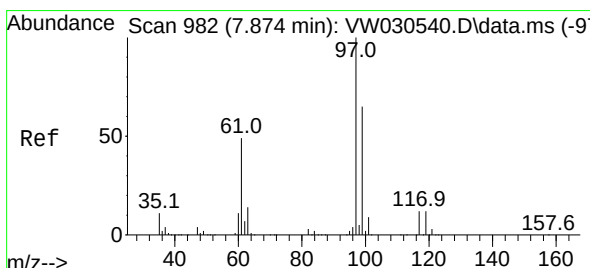
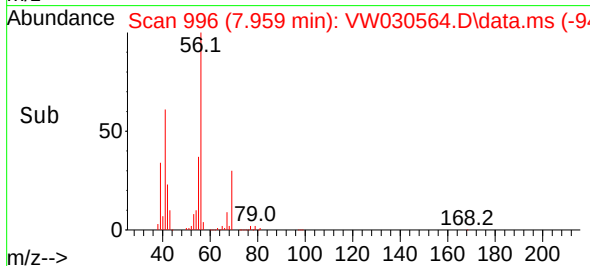
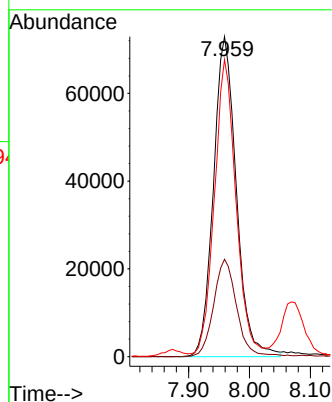
Tgt Ion: 56 Resp: 190420

Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.0

84 87.2 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 25.597 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

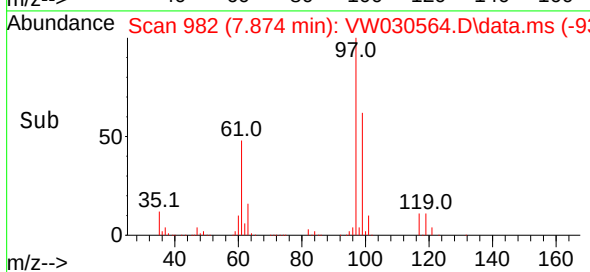
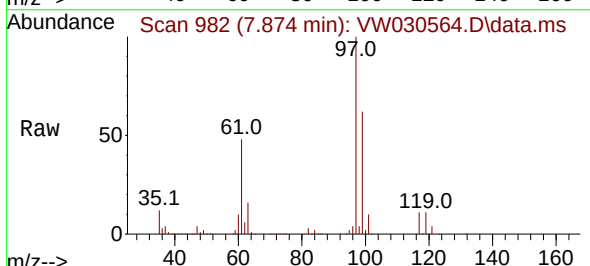
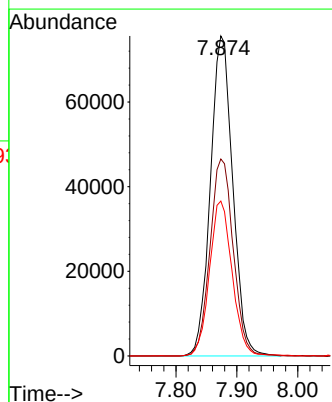
Tgt Ion: 97 Resp: 192863

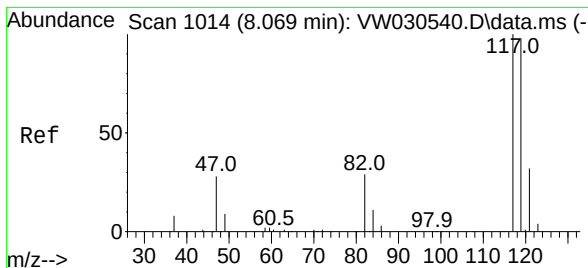
Ion Ratio Lower Upper

97 100

99 64.1 52.3 78.5

61 49.0 38.5 57.7

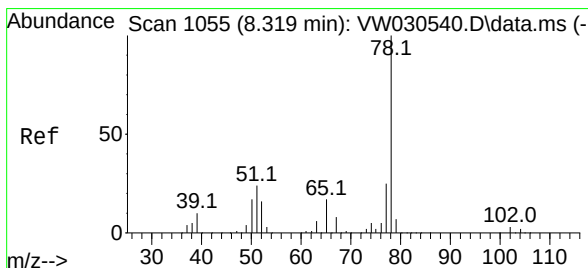
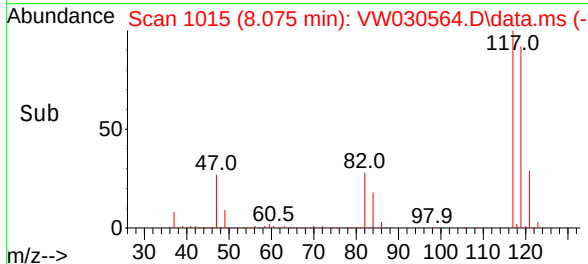
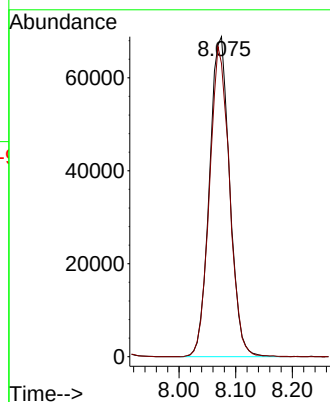
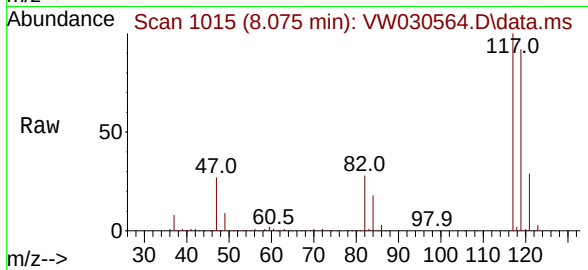




#31
Carbon tetrachloride
Concen: 25.375 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

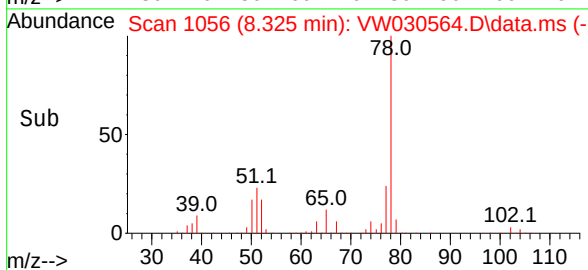
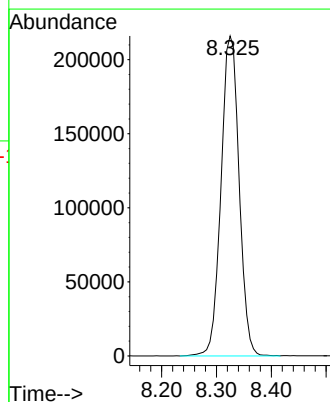
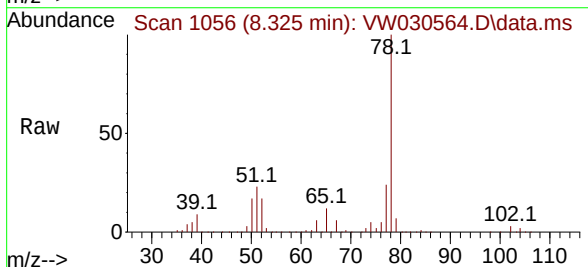
Instrument :
MSVOA_W
ClientSampleId :

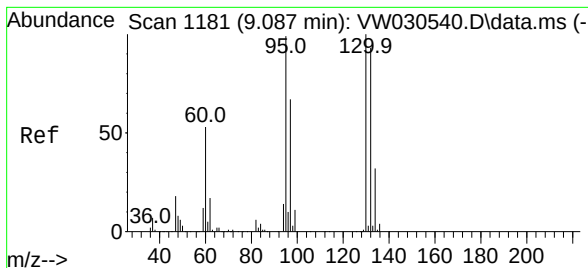
Tgt Ion:117 Resp: 170767
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.8



#33
Benzene
Concen: 26.879 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

Tgt Ion: 78 Resp: 496473





#34

Trichloroethene

Concen: 25.472 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 130891

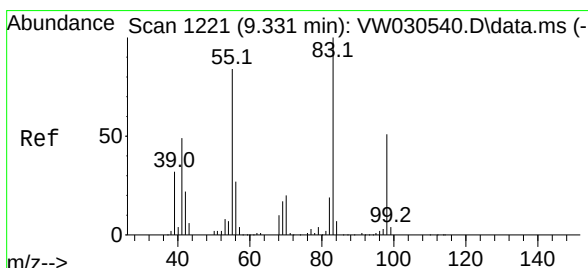
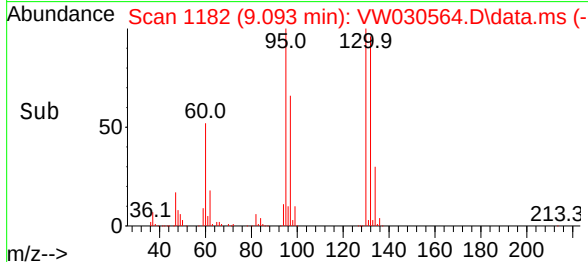
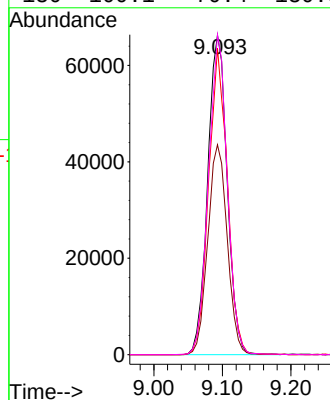
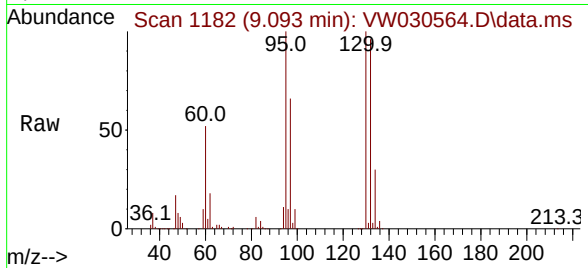
Ion Ratio Lower Upper

95 100

97 65.7 45.9 85.3

132 95.9 66.4 123.2

130 100.1 70.4 130.8



#35

Methylcyclohexane

Concen: 26.780 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

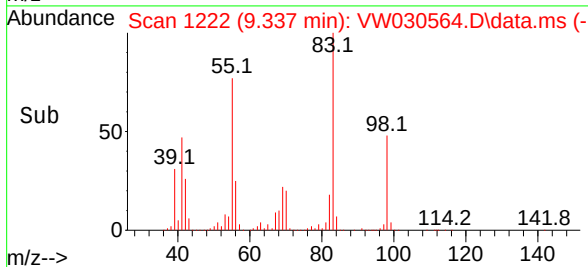
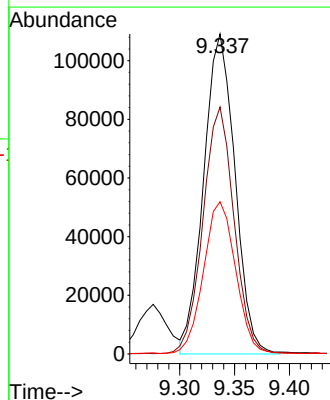
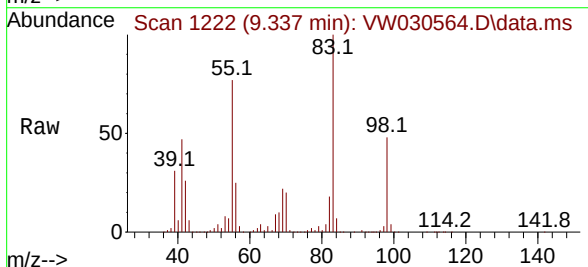
Tgt Ion: 83 Resp: 216574

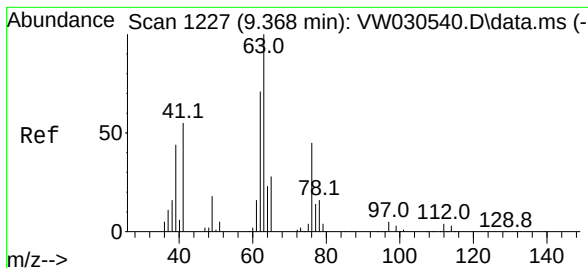
Ion Ratio Lower Upper

83 100

55 76.3 61.8 92.8

98 49.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 27.533 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

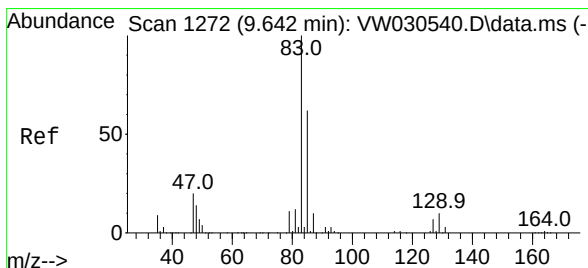
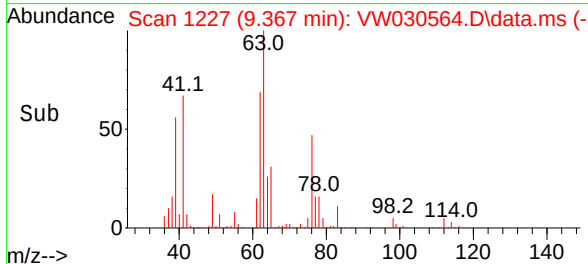
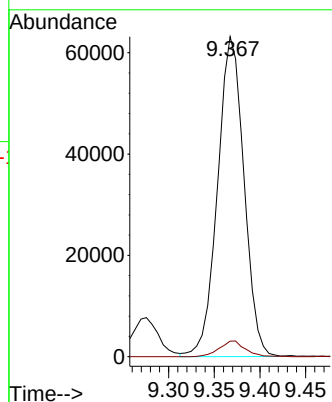
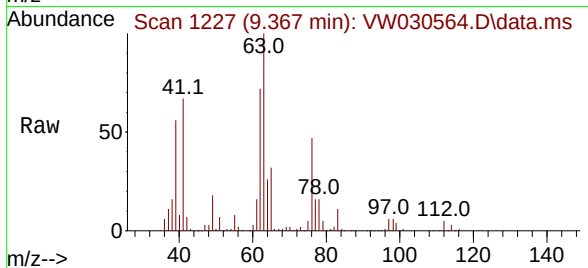
ClientSampleId :

Tgt Ion: 63 Resp: 127012

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 27.079 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

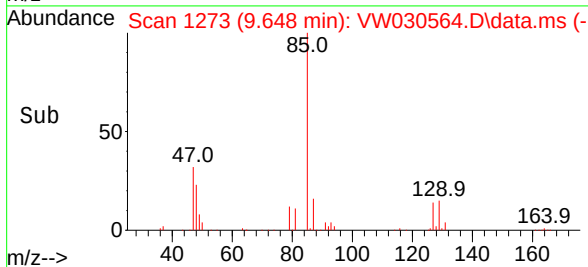
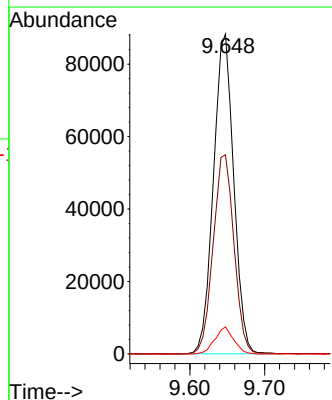
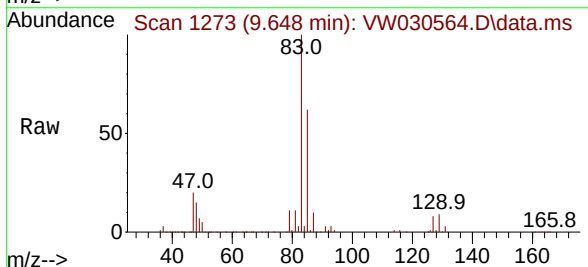
Tgt Ion: 83 Resp: 166202

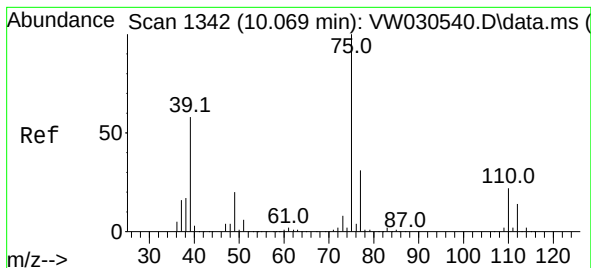
Ion Ratio Lower Upper

83 100

85 62.3 44.2 82.0

127 8.4 6.2 9.4

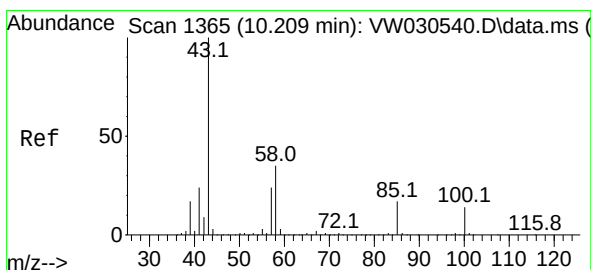
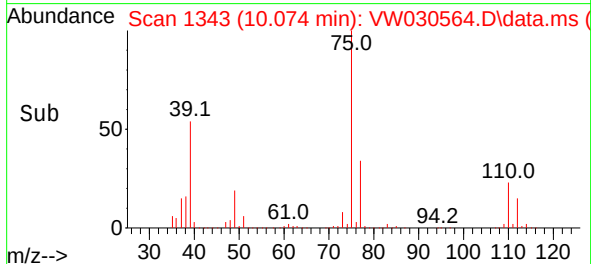
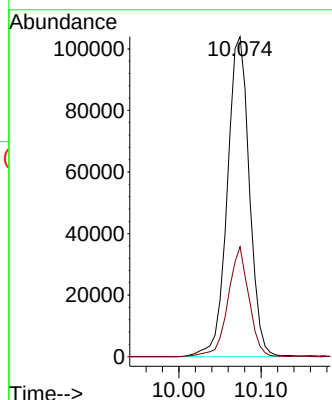
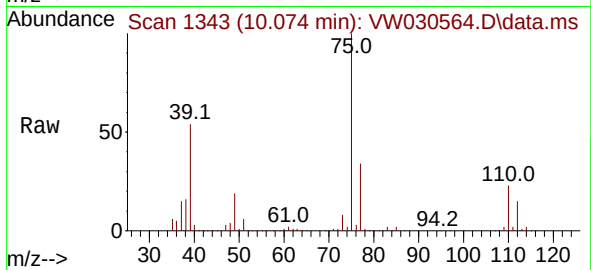




#39
 cis-1,3-Dichloropropene
 Concen: 27.912 ug/L
 RT: 10.074 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW030564.D
 Acq: 11 Oct 2024 21:13

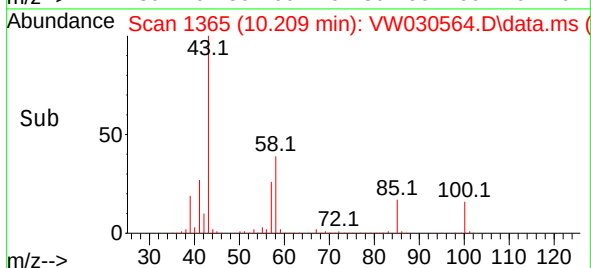
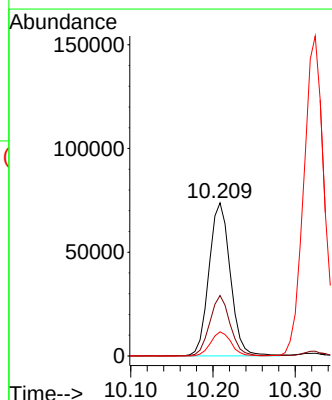
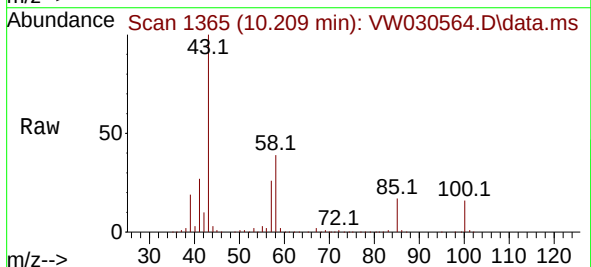
Instrument :
 MSVOA_W
 ClientSampleId :

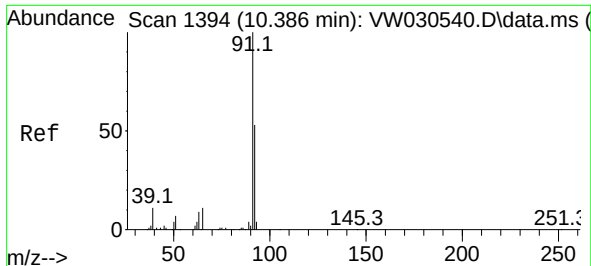
Tgt Ion: 75 Resp: 194223
 Ion Ratio Lower Upper
 75 100
 77 34.4 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 59.964 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW030564.D
 Acq: 11 Oct 2024 21:13

Tgt Ion: 43 Resp: 132893
 Ion Ratio Lower Upper
 43 100
 58 37.8 31.4 47.2
 100 15.2 13.1 19.7





#42

Toluene

Concen: 27.721 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min MSVOA_W

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

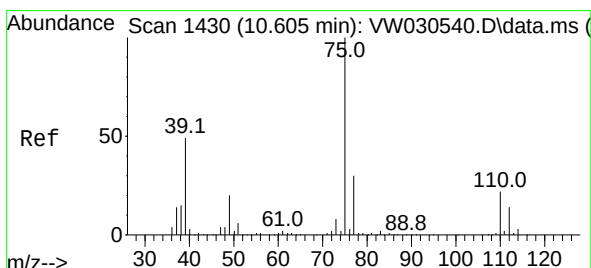
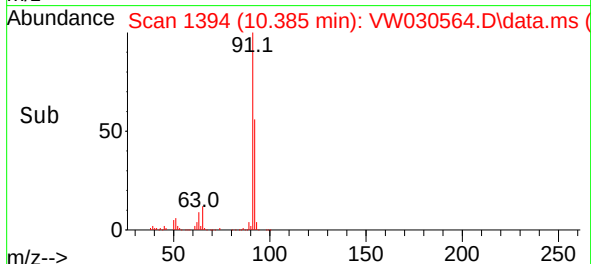
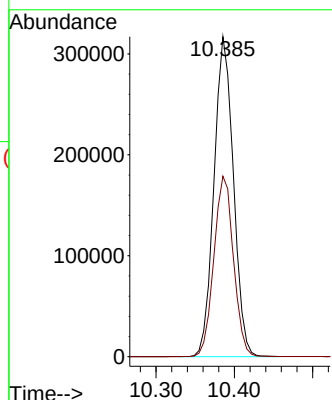
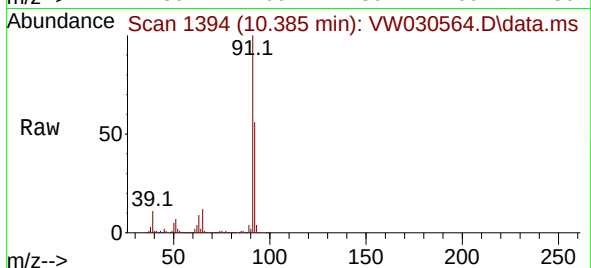
ClientSampleId :

Tgt Ion: 91 Resp: 546258

Ion Ratio Lower Upper

91 100

92 56.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 28.006 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030564.D

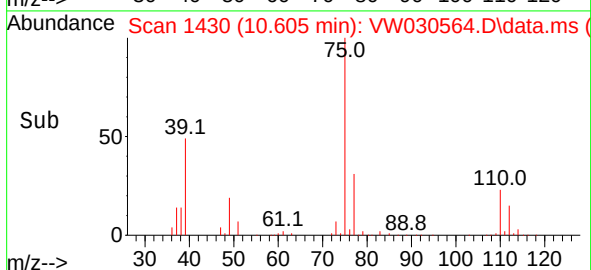
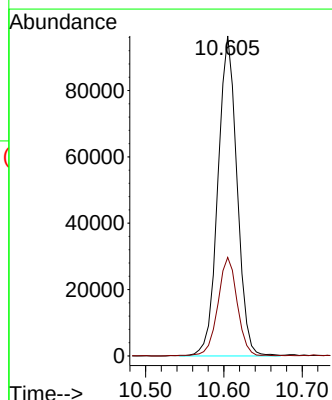
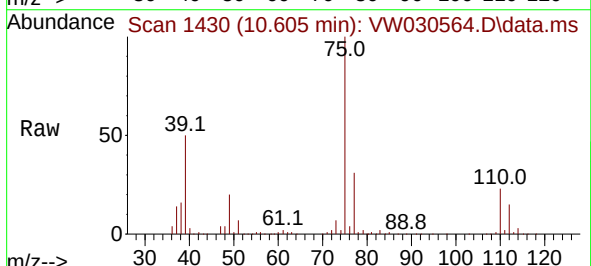
Acq: 11 Oct 2024 21:13

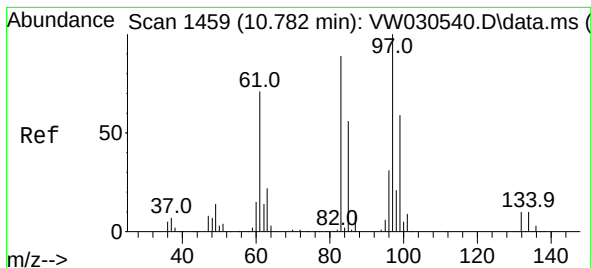
Tgt Ion: 75 Resp: 163759

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 27.066 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 90238

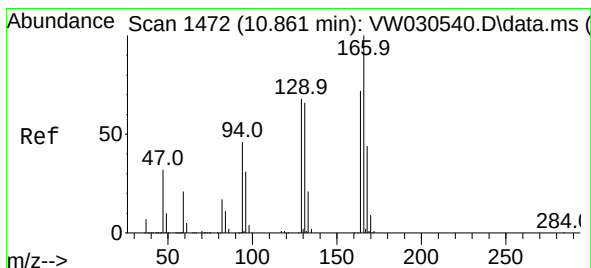
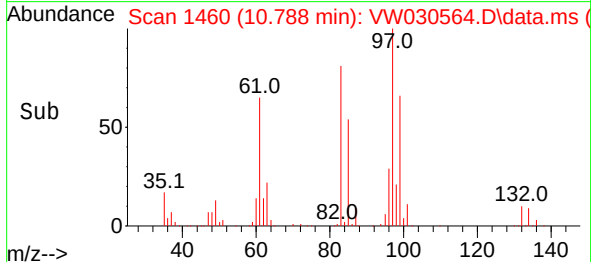
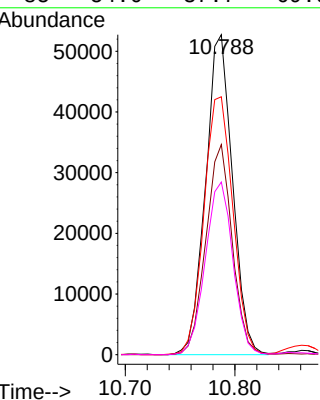
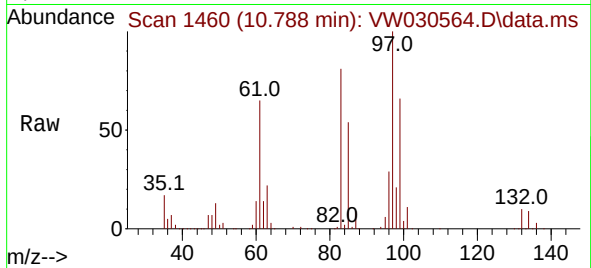
Ion Ratio Lower Upper

97 100

99 65.7 41.2 76.6

83 80.6 59.6 110.6

85 54.0 37.7 69.9



#46

Tetrachloroethene

Concen: 24.157 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Tgt Ion:164 Resp: 91558

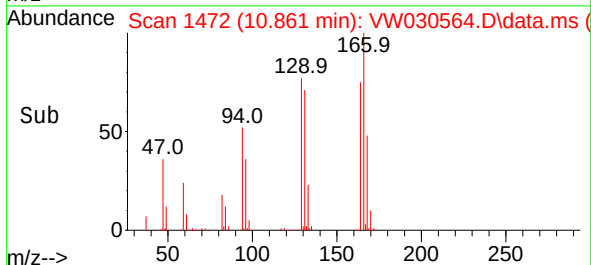
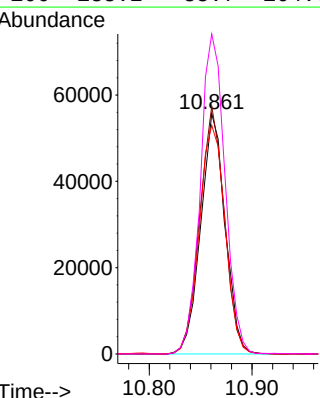
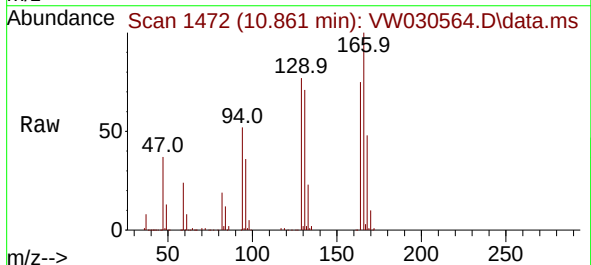
Ion Ratio Lower Upper

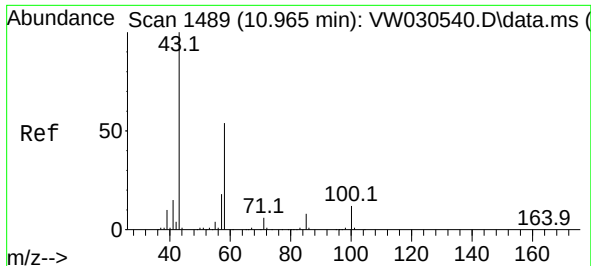
164 100

129 103.1 66.6 123.6

131 95.2 63.7 118.3

166 133.2 88.7 164.7

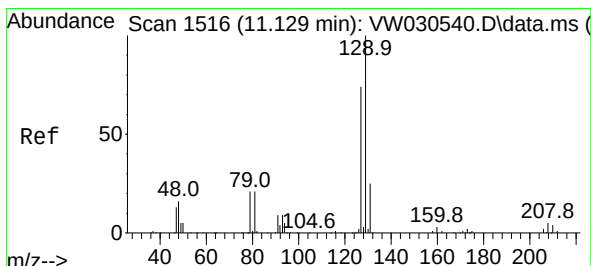
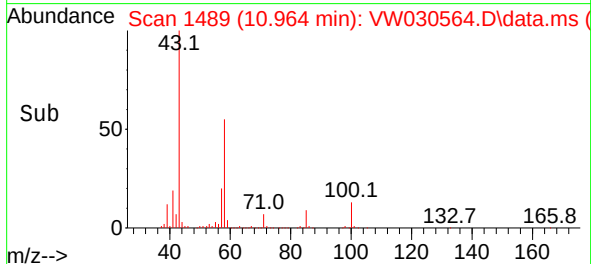
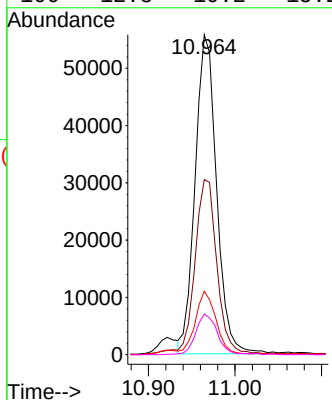
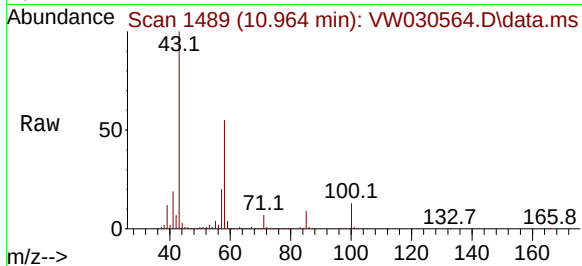




#48
2-Hexanone
Concen: 53.085 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

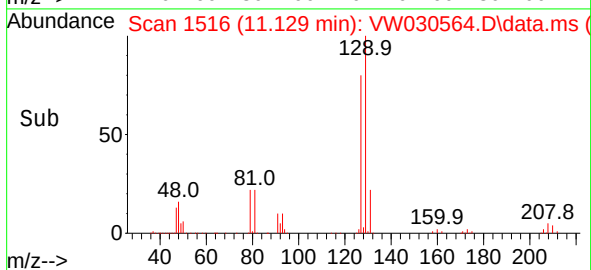
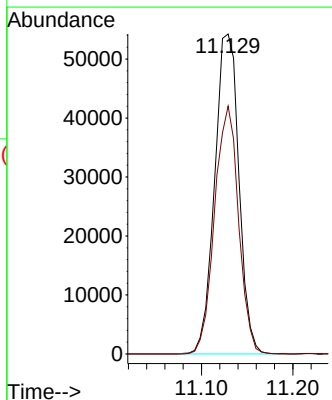
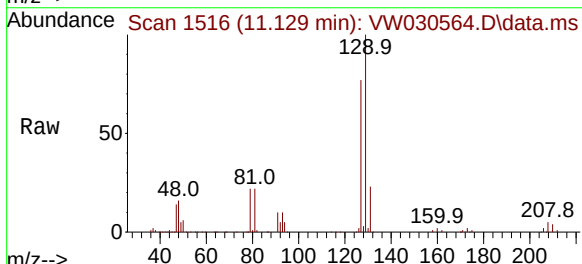
Instrument :
MSVOA_W
ClientSampleId :

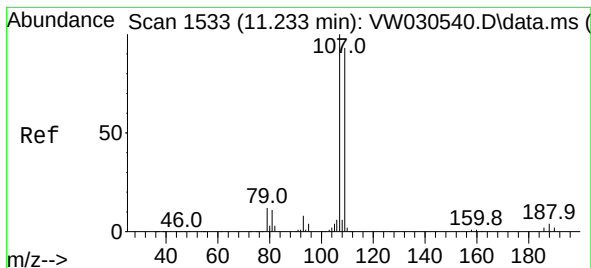
Tgt Ion:	43	Resp:	96209
Ion	Ratio	Lower	Upper
43	100		
58	55.4	44.6	67.0
57	19.3	15.8	23.8
100	12.8	10.2	15.2



#49
Dibromochloromethane
Concen: 26.862 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

Tgt Ion:	129	Resp:	99929
Ion	Ratio	Lower	Upper
129	100		
127	77.4	56.5	104.9

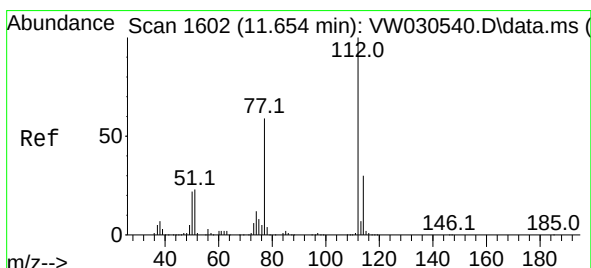
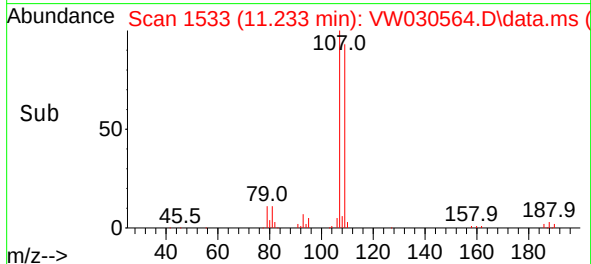
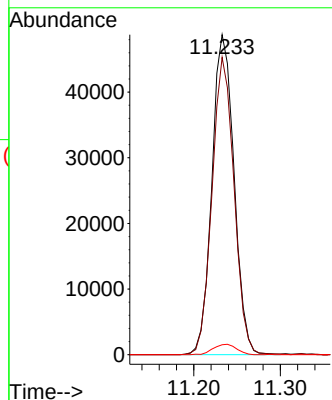
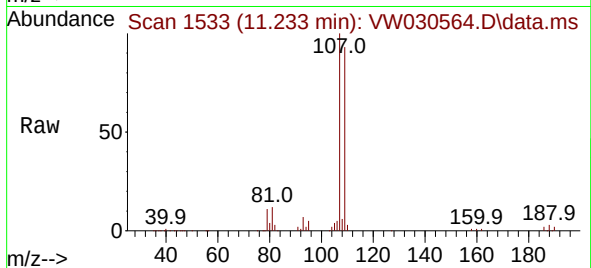




#50
1,2-Dibromoethane
Concen: 27.789 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

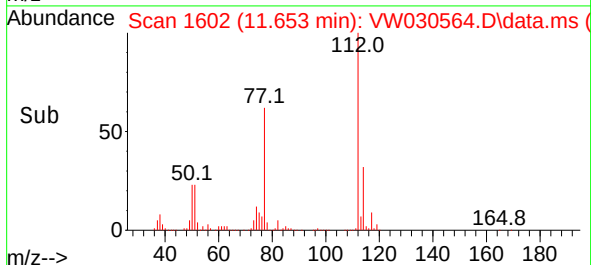
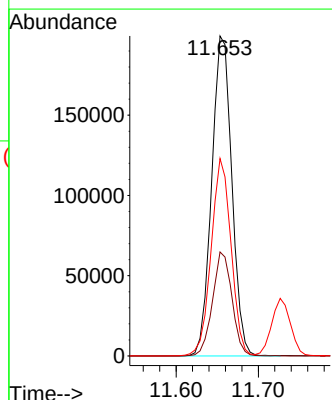
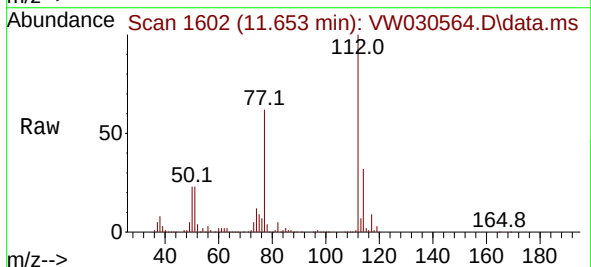
Instrument :
MSVOA_W
ClientSampleId :

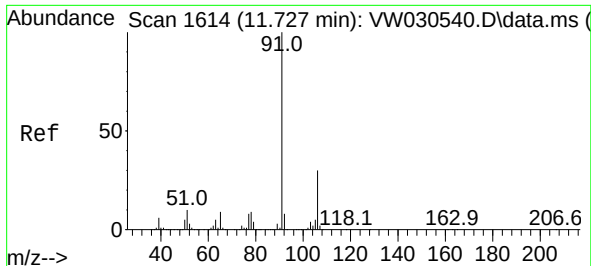
Tgt Ion:107 Resp: 86452
Ion Ratio Lower Upper
107 100
109 92.9 63.8 118.6
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 26.735 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

Tgt Ion:112 Resp: 339138
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 61.7 47.1 70.7





#52

Ethylbenzene

Concen: 27.798 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

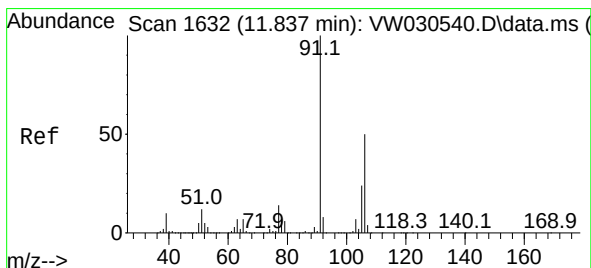
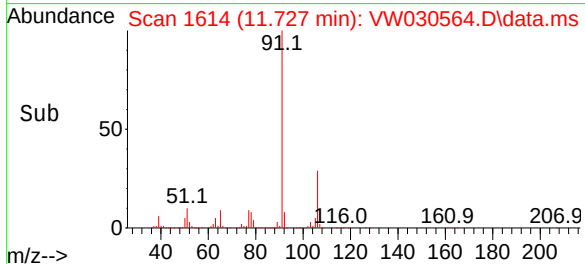
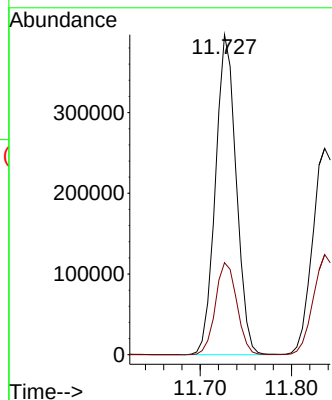
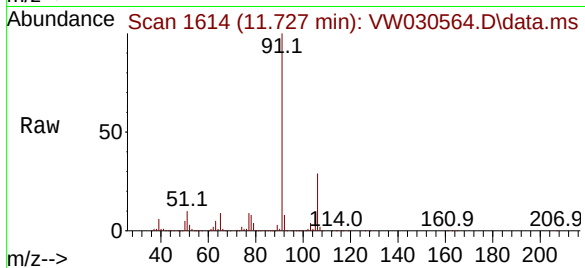
ClientSampleId :

Tgt Ion: 91 Resp: 625056

Ion Ratio Lower Upper

91 100

106 28.7 21.1 39.1



#53

m,p-Xylene

Concen: 27.000 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030564.D

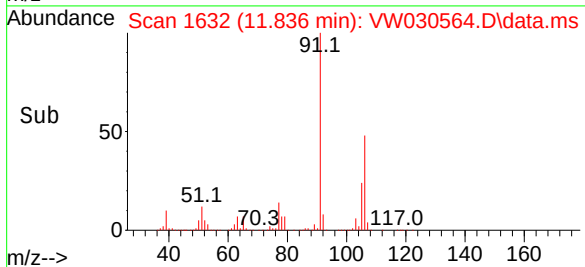
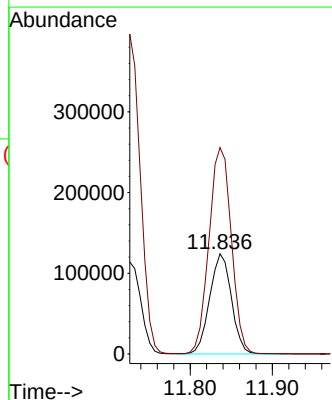
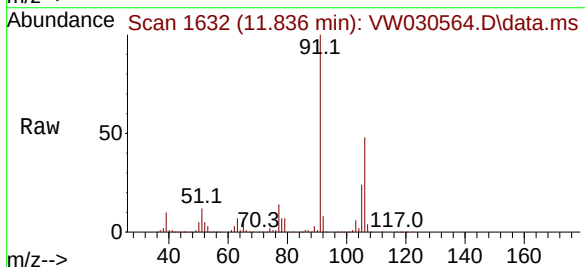
Acq: 11 Oct 2024 21:13

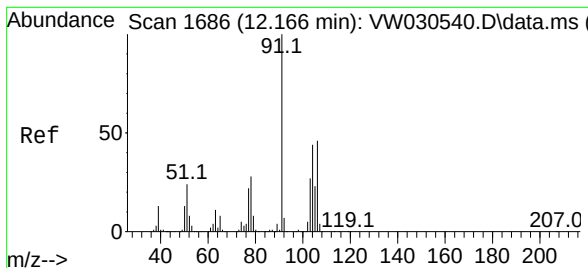
Tgt Ion:106 Resp: 227449

Ion Ratio Lower Upper

106 100

91 206.2 140.6 261.2

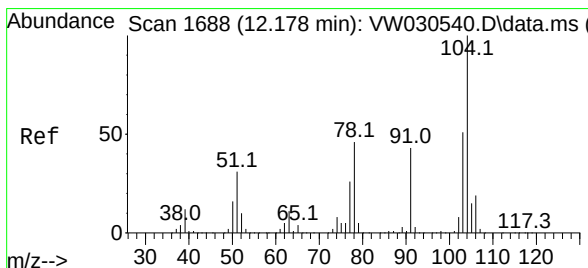
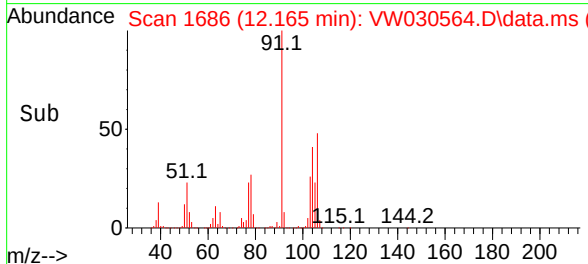
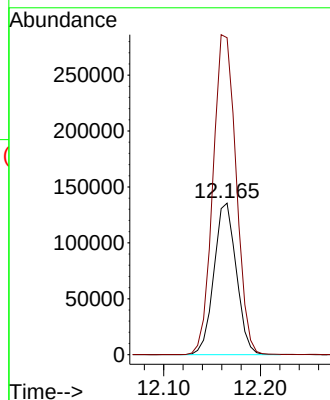
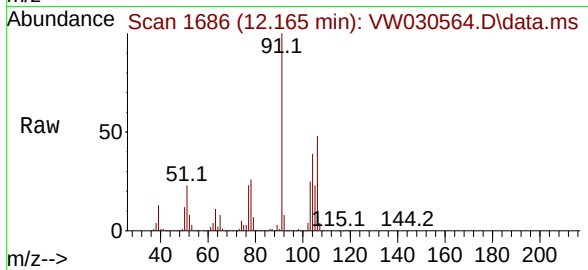




#54
o-Xylene
Concen: 27.925 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

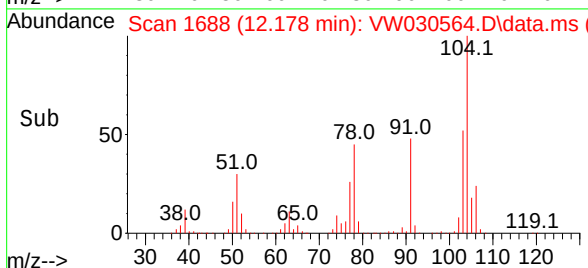
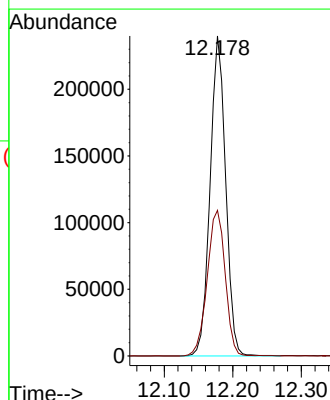
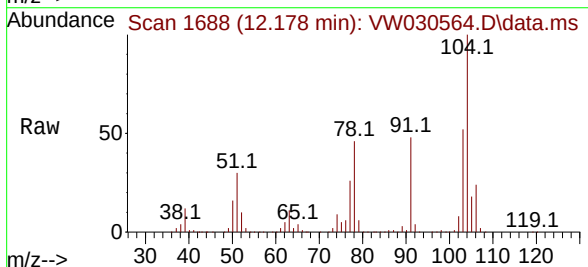
Instrument :
MSVOA_W
ClientSampleId :

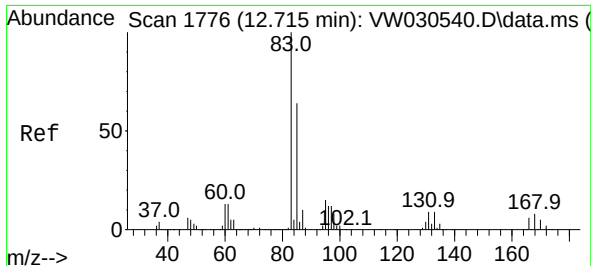
Tgt Ion:106 Resp: 217479
Ion Ratio Lower Upper
106 100
91 209.2 144.5 268.4



#55
Styrene
Concen: 28.455 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

Tgt Ion:104 Resp: 378839
Ion Ratio Lower Upper
104 100
78 45.5 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 28.281 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

ClientSampleId :

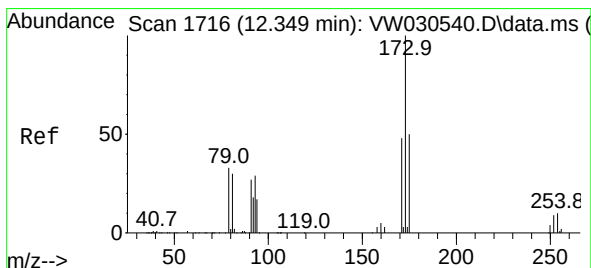
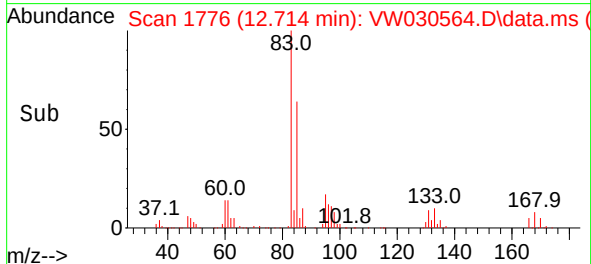
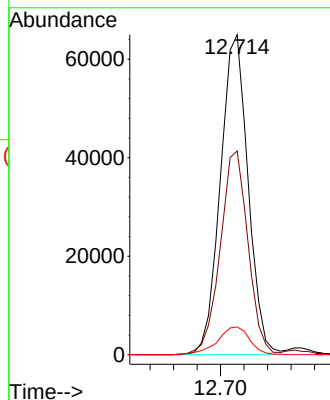
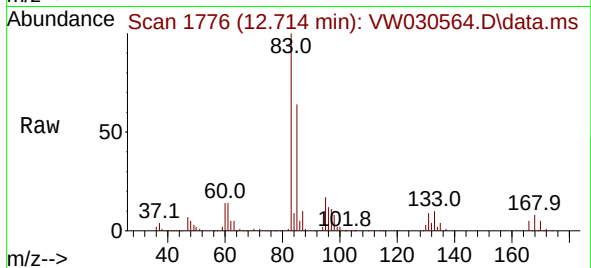
Tgt Ion: 83 Resp: 106329

Ion Ratio Lower Upper

83 100

85 63.6 42.6 79.2

131 8.7 7.4 11.0



#59

Bromoform

Concen: 27.162 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

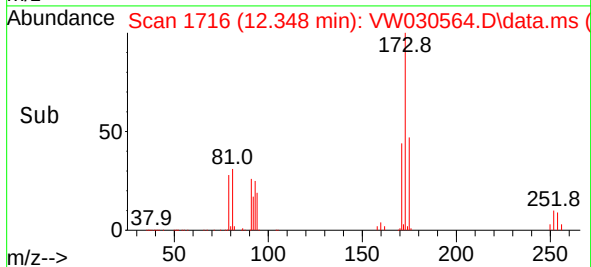
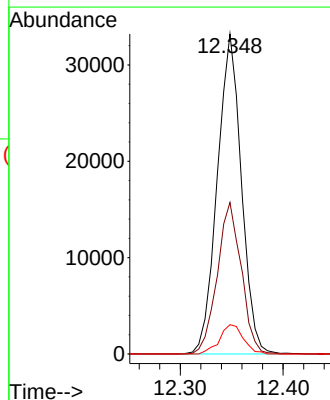
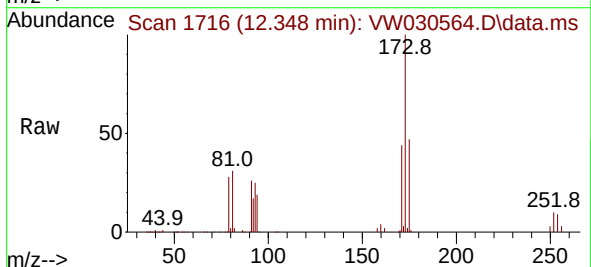
Tgt Ion:173 Resp: 54009

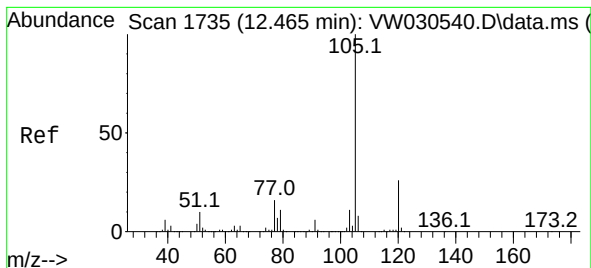
Ion Ratio Lower Upper

173 100

175 47.1 39.0 58.4

254 9.0 7.7 11.5





#60

Isopropylbenzene

Concen: 28.017 ug/L

RT: 12.464 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

ClientSampleId :

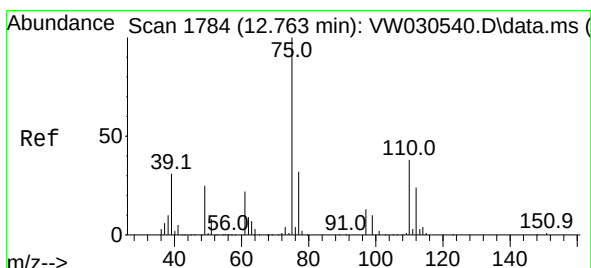
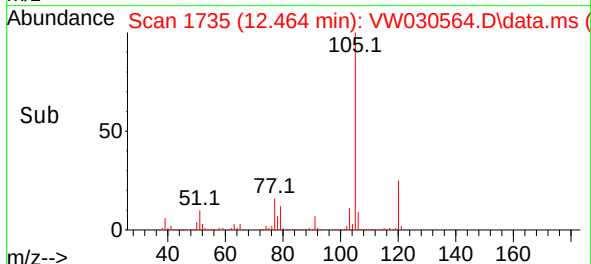
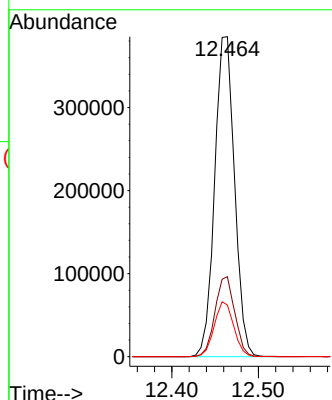
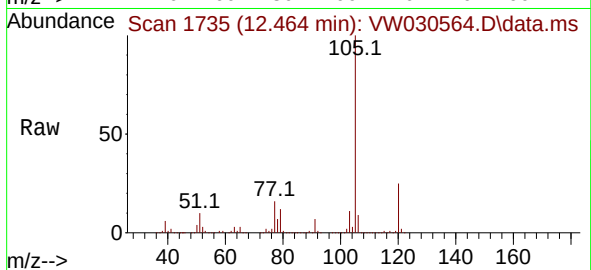
Tgt Ion:105 Resp: 614052

Ion Ratio Lower Upper

105 100

120 24.9 20.6 31.0

77 16.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 26.602 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

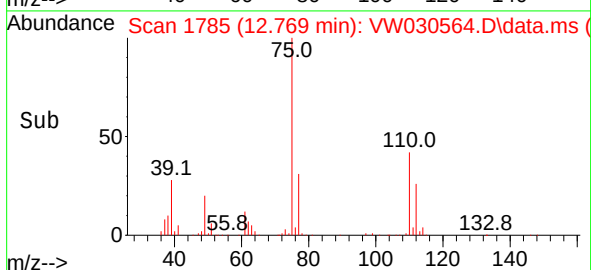
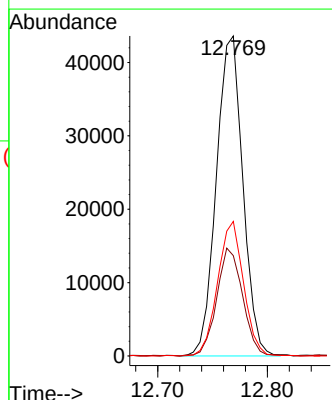
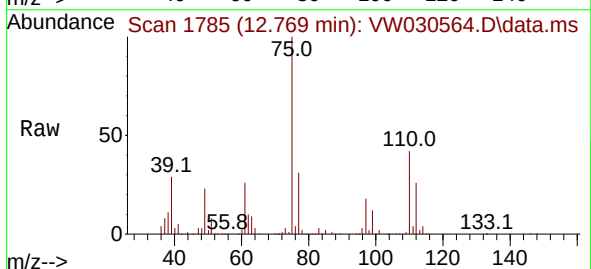
Tgt Ion: 75 Resp: 73261

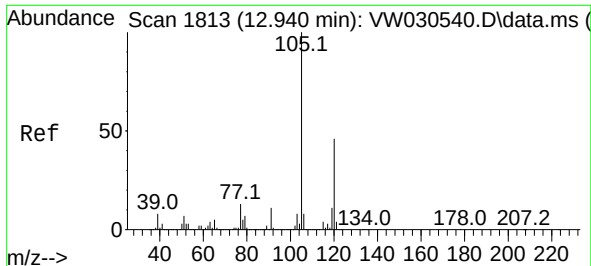
Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

110 41.0 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 29.097 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

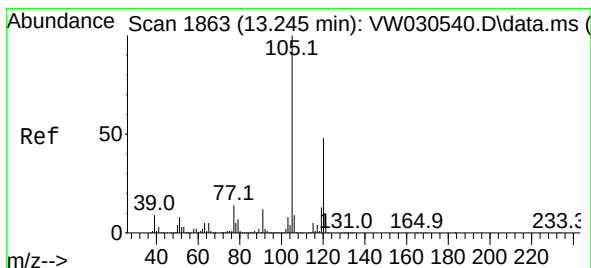
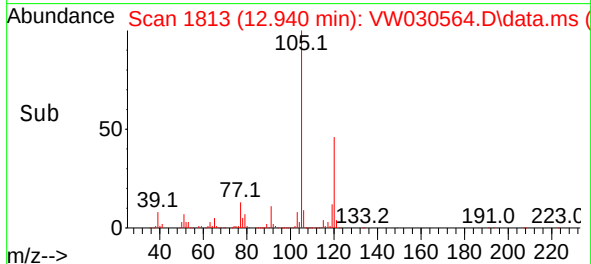
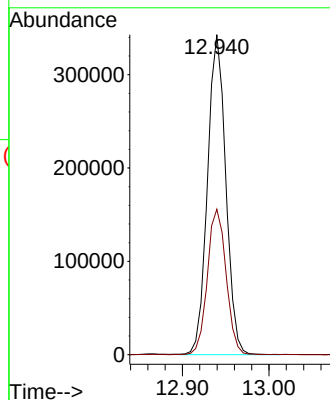
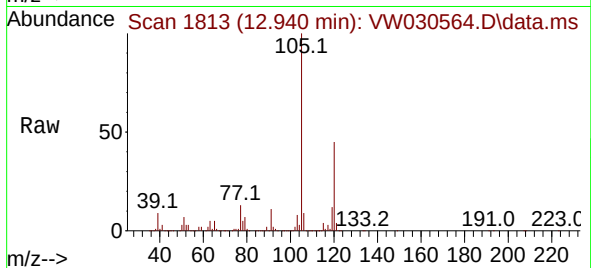
ClientSampleId :

Tgt Ion:105 Resp: 503122

Ion Ratio Lower Upper

105 100

120 46.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 28.843 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030564.D

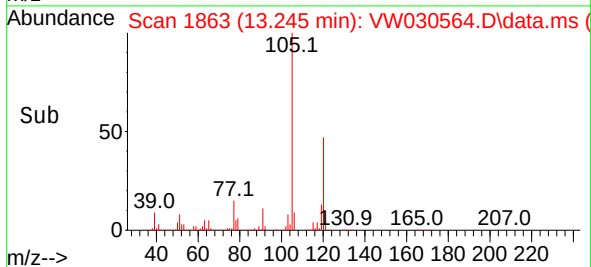
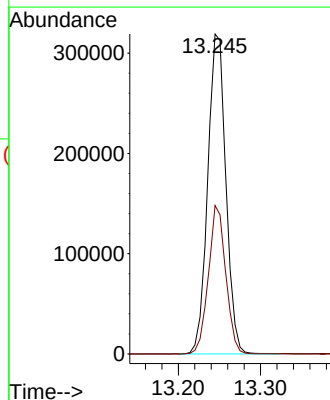
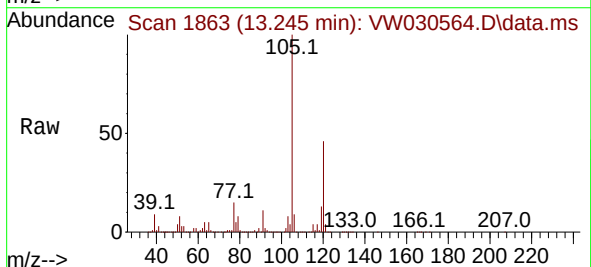
Acq: 11 Oct 2024 21:13

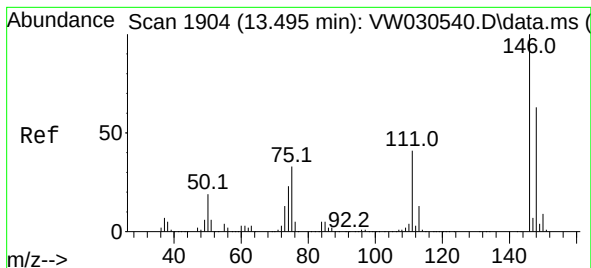
Tgt Ion:105 Resp: 488300

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 27.267 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

ClientSampleId :

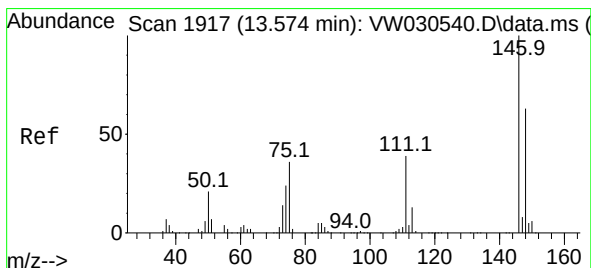
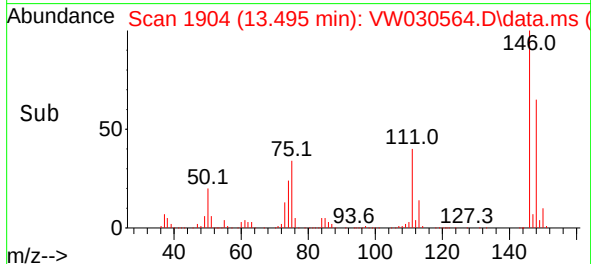
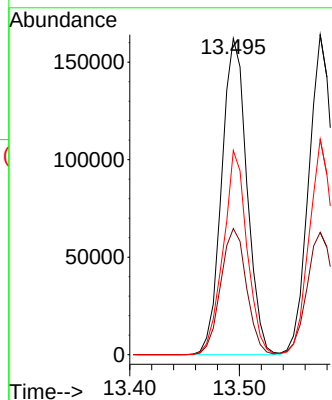
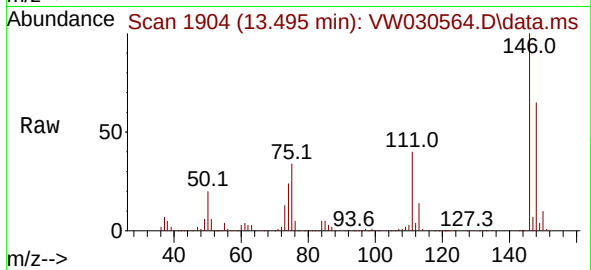
Tgt Ion:146 Resp: 260125

Ion Ratio Lower Upper

146 100

111 39.8 31.2 58.0

148 64.6 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 26.399 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

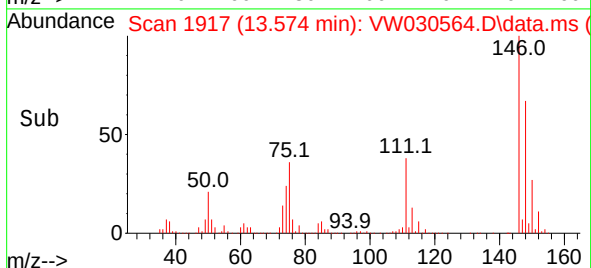
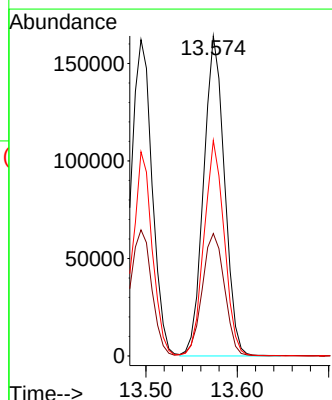
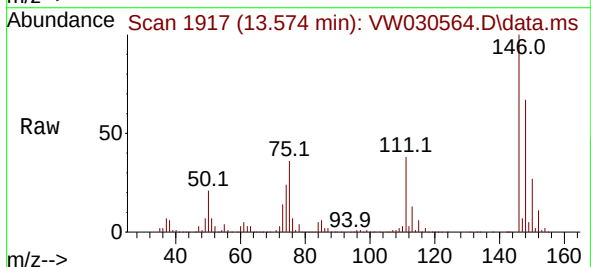
Tgt Ion:146 Resp: 260042

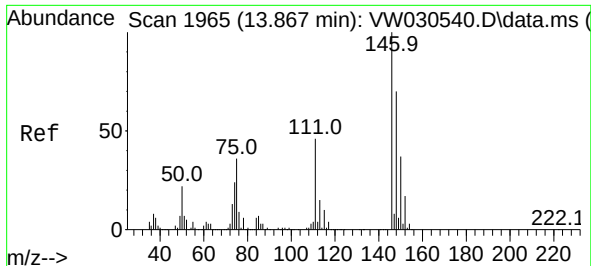
Ion Ratio Lower Upper

146 100

111 38.3 26.8 49.8

148 67.4 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 27.966 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

ClientSampleId :

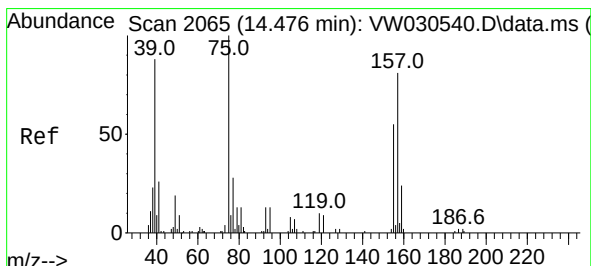
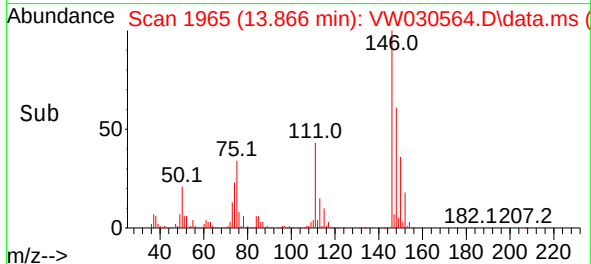
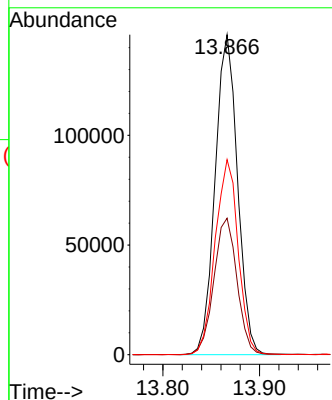
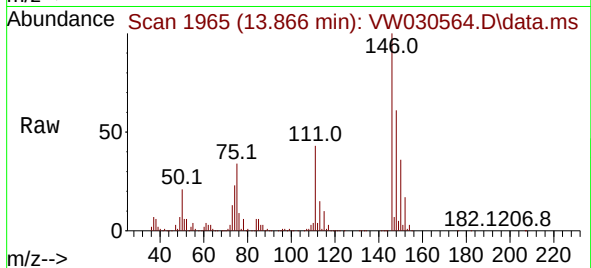
Tgt Ion:146 Resp: 234768

Ion Ratio Lower Upper

146 100

111 42.6 34.6 52.0

148 61.0 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 26.541 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

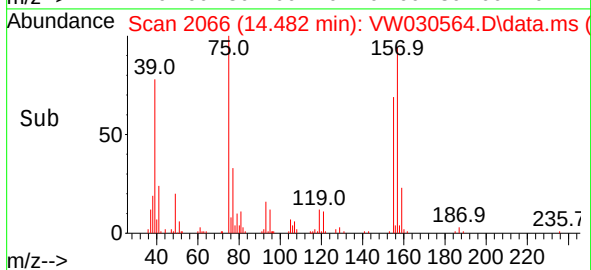
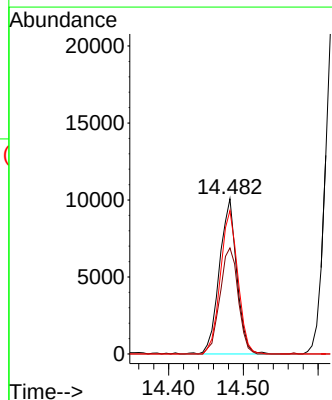
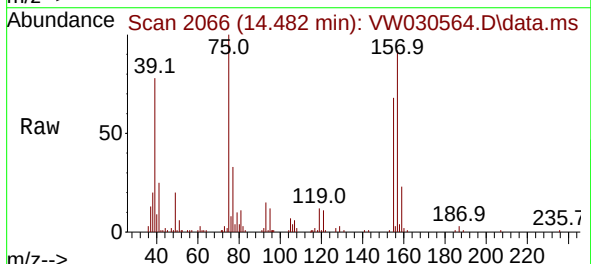
Tgt Ion: 75 Resp: 16298

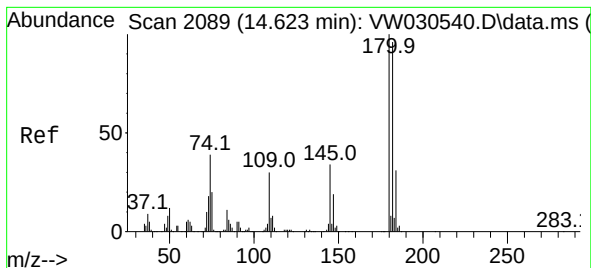
Ion Ratio Lower Upper

75 100

155 68.4 57.9 86.9

157 92.4 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 27.207 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

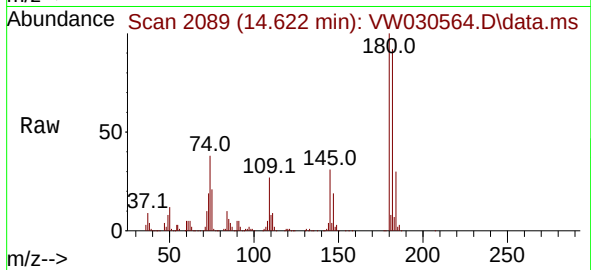
Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 171161

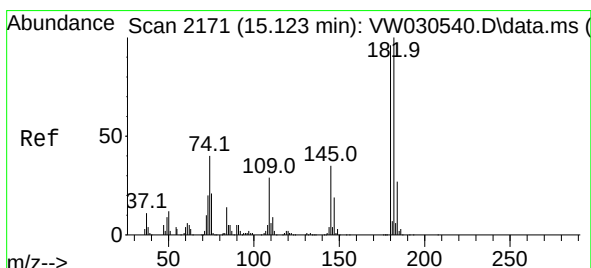
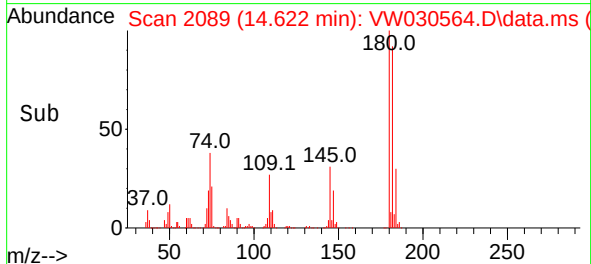
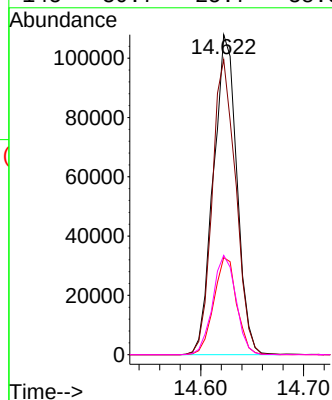
Ion Ratio Lower Upper

180 100

182 92.1 79.9 119.9

184 29.6 25.2 37.8

145 30.7 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 27.228 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030564.D

Acq: 11 Oct 2024 21:13

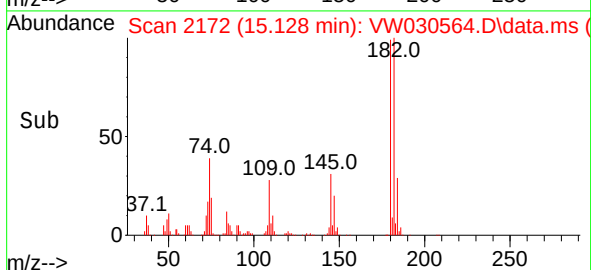
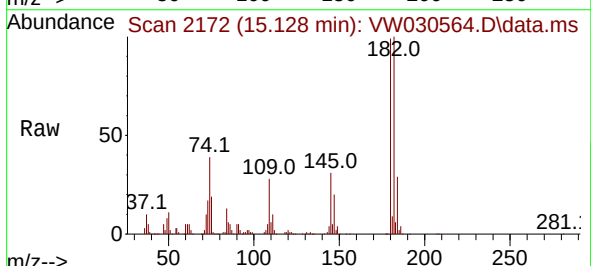
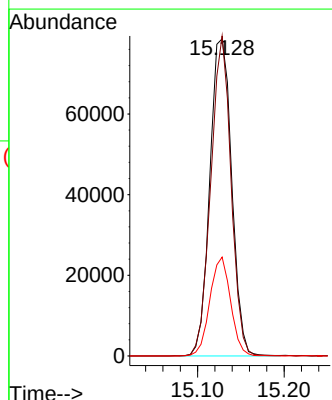
Tgt Ion:180 Resp: 137895

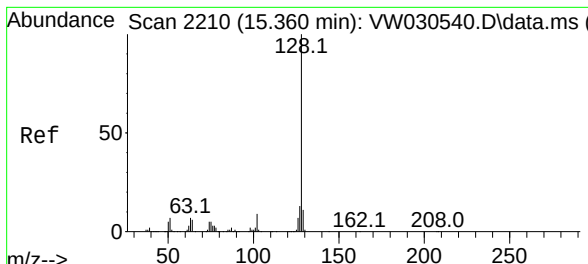
Ion Ratio Lower Upper

180 100

182 92.9 75.2 112.8

145 29.6 25.4 38.2



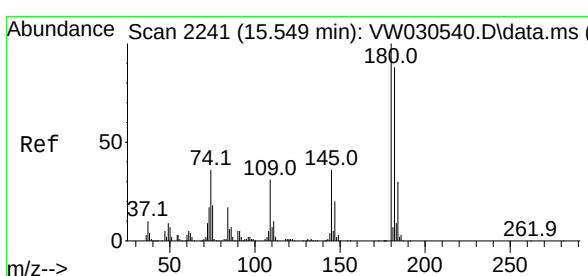
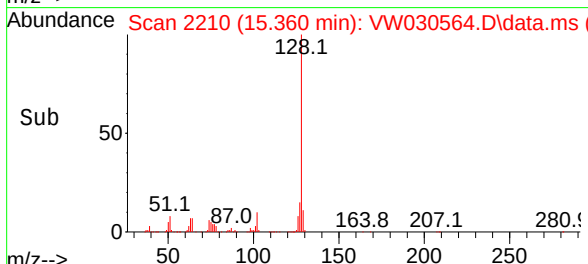
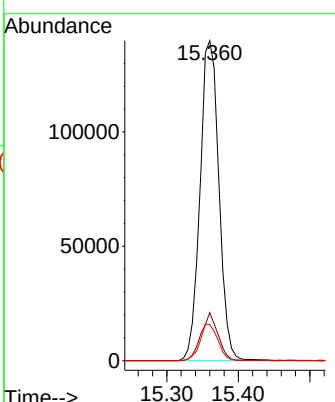
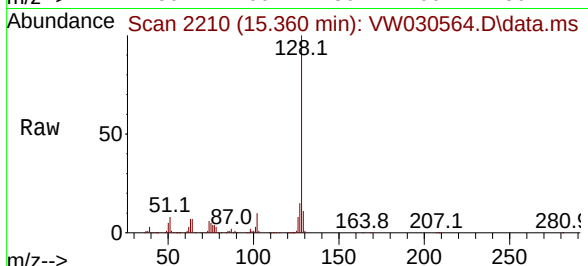


#71
Naphthalene
Concen: 29.306 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 256422

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 26.888 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030564.D
Acq: 11 Oct 2024 21:13

Tgt Ion:180 Resp: 118050

Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.2	114.4
145	33.9	27.4	41.2

