

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092424\
 Data File : VW030235.D
 Acq On : 24 Sep 2024 19:38
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/18mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 25 01:24:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 25 01:17:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	208797	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	195007	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	70244	26.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.200%
7) Chloroethane-d5	2.905	69	61058	32.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.280%
11) 1,1-Dichloroethene-d2	4.027	65	30481	22.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.480%
21) 2-Butanone-d5	7.087	46	36632	56.106	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.220%
24) Chloroform-d	7.648	84	157193	27.381	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.520%
26) 1,2-Dichloroethane-d4	8.307	65	80172	27.809	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.240%
32) Benzene-d6	8.276	84	295657	26.318	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.280%
36) 1,2-Dichloropropane-d6	9.276	67	91138	26.276	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.120%
41) Toluene-d8	10.325	98	272776	27.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.400%
43) trans-1,3-Dichloroprop...	10.581	79	36456	26.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.920%
47) 2-Hexanone-d5	10.922	63	30451	57.372	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	72939	28.245	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	90418	26.387	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50629	21.990	ug/L	97
3) Chloromethane	2.222	50	69628	32.391	ug/L	96
5) Vinyl chloride	2.375	62	89302	33.710	ug/L	97
6) Bromomethane	2.795	94	57741	36.383	ug/L	95
8) Chloroethane	2.942	64	58376	36.921	ug/L	94
9) Trichlorofluoromethane	3.271	101	78026	24.973	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	80151	28.299	ug/L	99
12) 1,1-Dichloroethene	4.051	96	71612	28.732	ug/L	90
13) Acetone	4.137	43	42716	57.025	ug/L	98
14) Carbon disulfide	4.393	76	174005	24.576	ug/L	98
15) Methyl Acetate	4.679	43	34515	28.492	ug/L	98
16) Methylene chloride	4.923	84	90997	29.555	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	78035	28.401	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	139364	32.184	ug/L	98
19) 1,1-Dichloroethane	6.222	63	168059	30.123	ug/L	98
20) cis-1,2-Dichloroethene	7.179	96	94241	31.254	ug/L	97
22) 2-Butanone	7.173	43	48887	55.133	ug/L	97
23) Bromochloromethane	7.520	128	41680	30.930	ug/L	88
25) Chloroform	7.679	83	175030	30.888	ug/L	97

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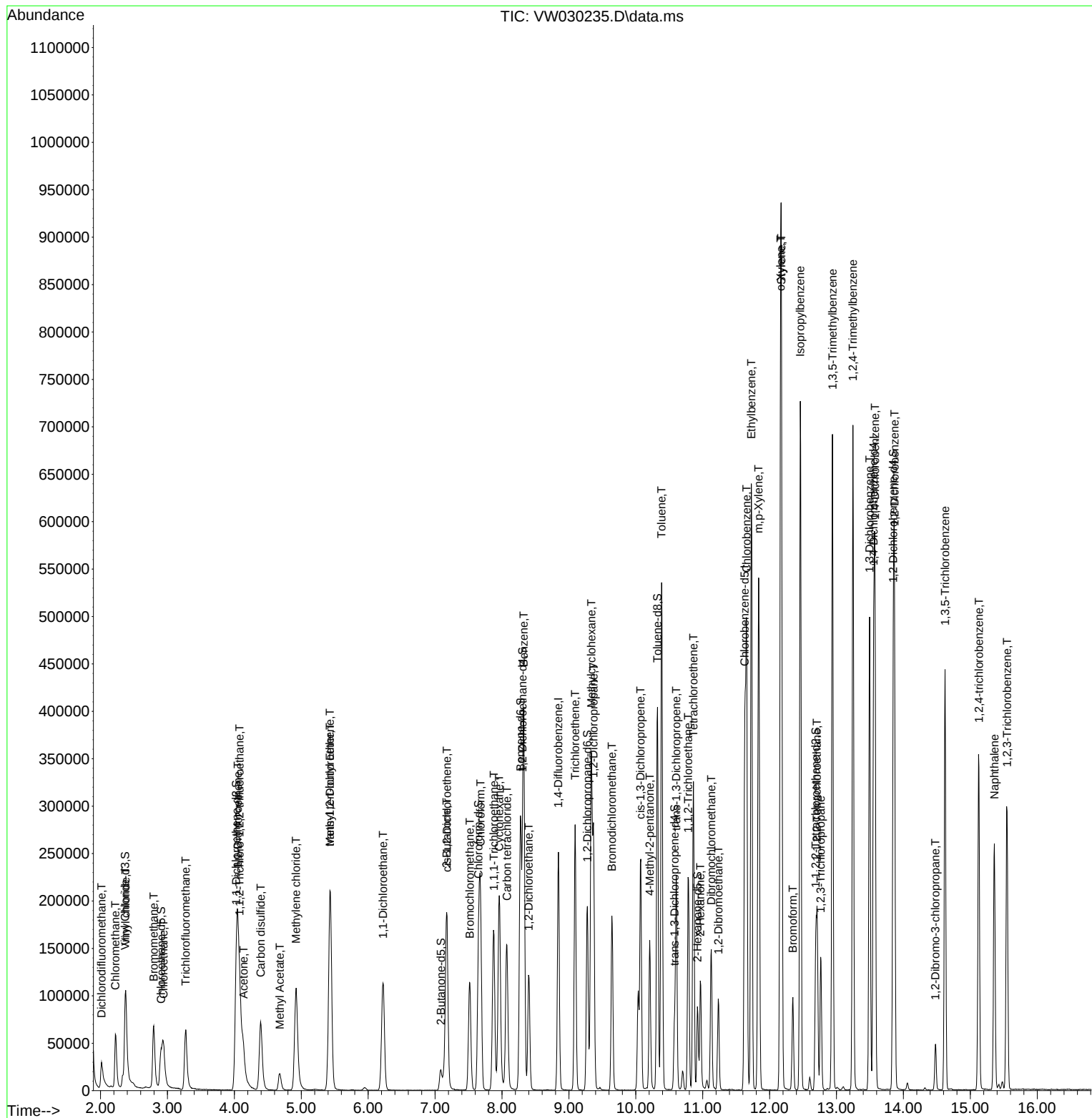
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	112084	31.543	ug/L	100
29) Cyclohexane	7.959	56	120006	28.884	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	137532	29.158	ug/L	99
31) Carbon tetrachloride	8.075	117	121206	28.279	ug/L	98
33) Benzene	8.325	78	358561	30.074	ug/L	100
34) Trichloroethene	9.093	95	95037	29.528	ug/L	98
35) Methylcyclohexane	9.337	83	141853	28.589	ug/L	99
37) 1,2-Dichloropropane	9.367	63	97788	30.260	ug/L	100
38) Bromodichloromethane	9.642	83	124780	30.664	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	144472	30.560	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	100382	60.793	ug/L	100
42) Toluene	10.386	91	393133	31.075	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	122212	30.731	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	72156	30.686	ug/L	94
46) Tetrachloroethene	10.861	164	72339	30.460	ug/L	93
48) 2-Hexanone	10.965	43	72666	57.228	ug/L	98
49) Dibromochloromethane	11.129	129	77930	30.451	ug/L	90
50) 1,2-Dibromoethane	11.233	107	63130	29.116	ug/L	99
51) Chlorobenzene	11.654	112	246381	30.151	ug/L	95
52) Ethylbenzene	11.727	91	451823	31.200	ug/L	99
53) m,p-Xylene	11.836	106	167601	31.367	ug/L	97
54) o-Xylene	12.166	106	160641	31.949	ug/L	97
55) Styrene	12.178	104	283633	32.522	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	83318	29.686	ug/L	99
59) Bromoform	12.349	173	43438	27.190	ug/L	99
60) Isopropylbenzene	12.458	105	454067	30.552	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59612	28.387	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	359018	32.959	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	363673	32.114	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	196654	29.856	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	195074	28.666	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	175956	29.641	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	12591	27.492	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	129106	28.081	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	104574	28.079	ug/L	94
71) Naphthalene	15.360	128	219695	32.485	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	97414	29.828	ug/L	99

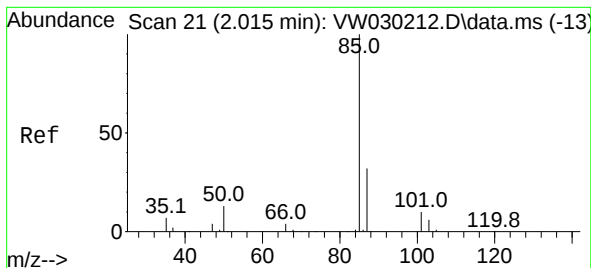
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#2

Dichlorodifluoromethane

Concen: 21.990 ug/L

RT: 2.015 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

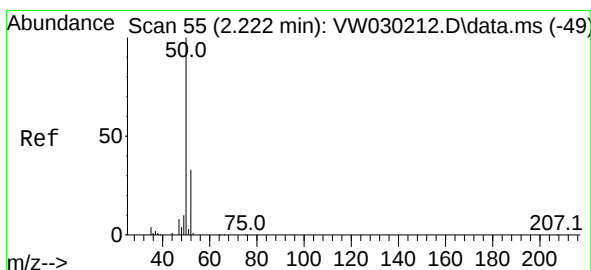
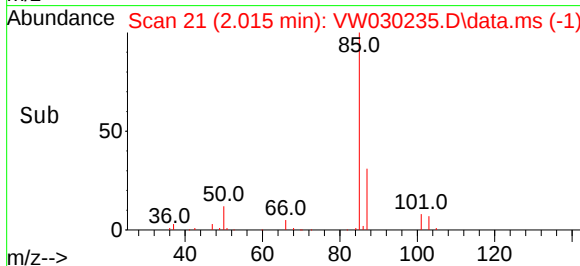
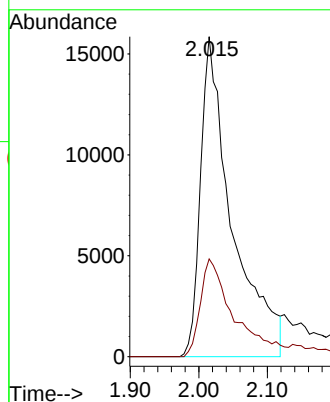
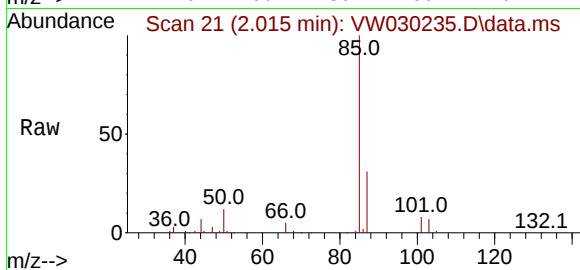
ClientSampleId :

Tgt Ion: 85 Resp: 50629

Ion Ratio Lower Upper

85 100

87 25.0 21.2 31.8



#3

Chloromethane

Concen: 32.391 ug/L

RT: 2.222 min Scan# 55

Delta R.T. -0.000 min

Lab File: VW030235.D

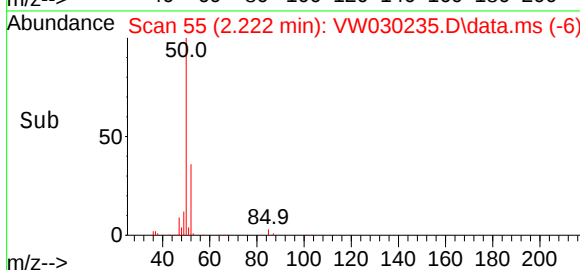
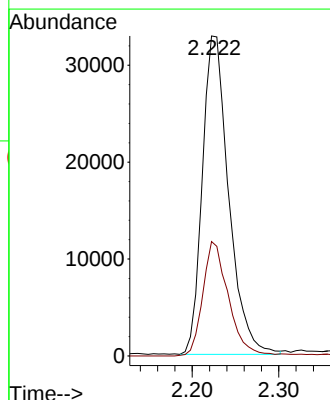
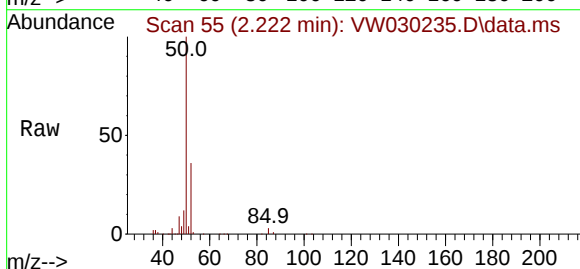
Acq: 24 Sep 2024 19:38

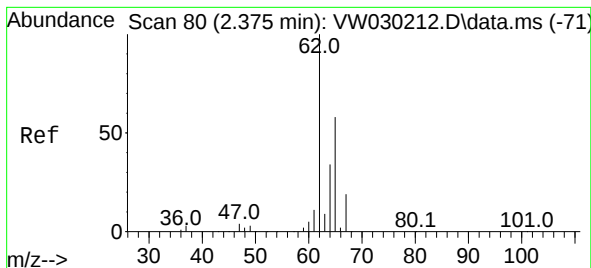
Tgt Ion: 50 Resp: 69628

Ion Ratio Lower Upper

50 100

52 35.7 23.4 43.6





#5

Vinyl chloride

Concen: 33.710 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

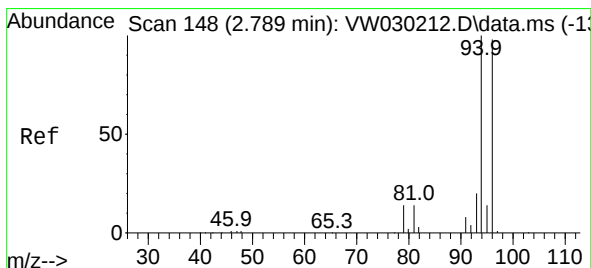
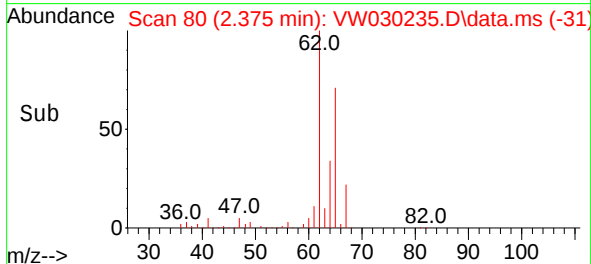
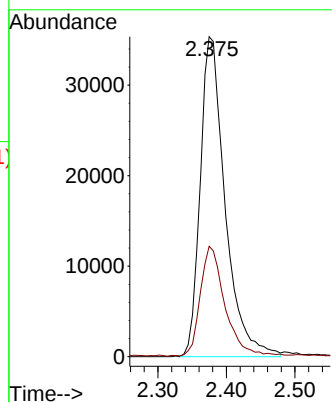
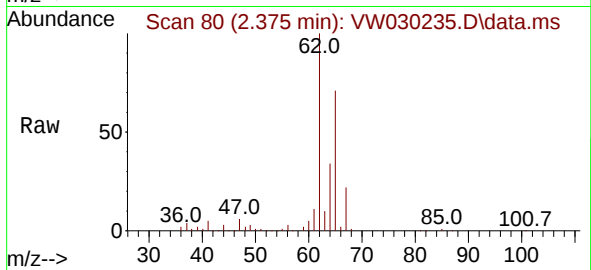
ClientSampleId :

Tgt Ion: 62 Resp: 89302

Ion Ratio Lower Upper

62 100

64 34.5 23.0 42.8



#6

Bromomethane

Concen: 36.383 ug/L

RT: 2.795 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW030235.D

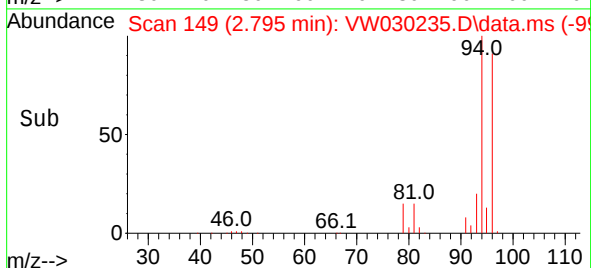
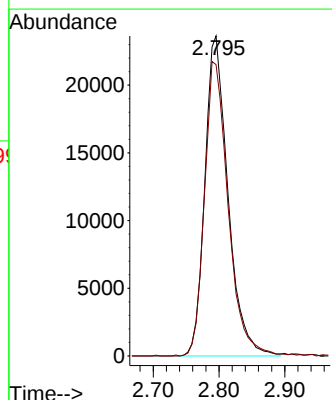
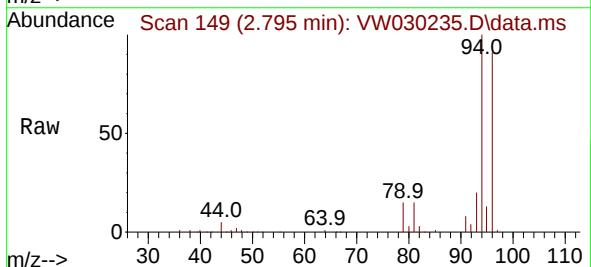
Acq: 24 Sep 2024 19:38

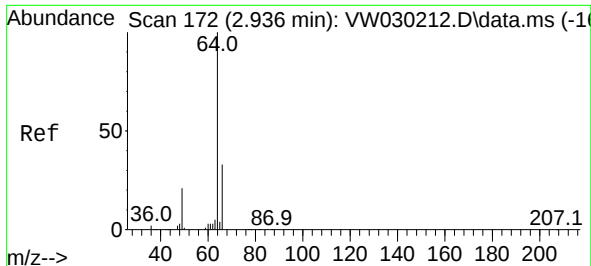
Tgt Ion: 94 Resp: 57741

Ion Ratio Lower Upper

94 100

96 91.1 67.5 125.3

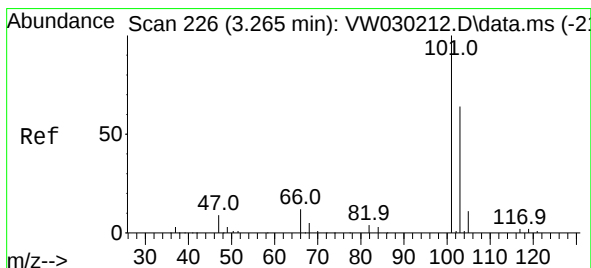
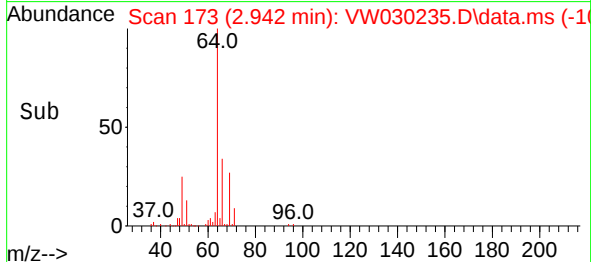
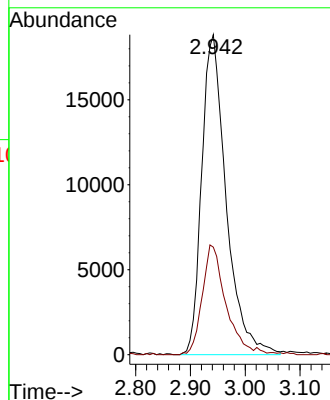
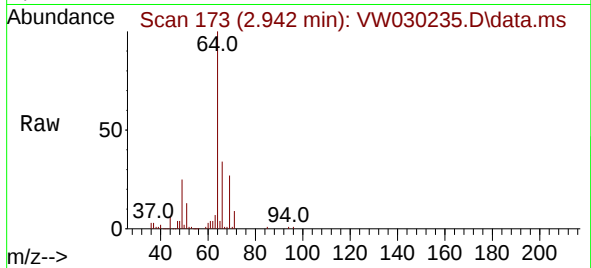




#8
Chloroethane
Concen: 36.921 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

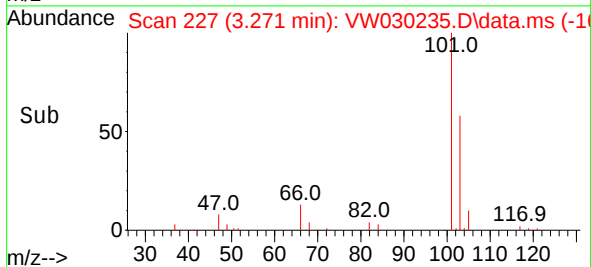
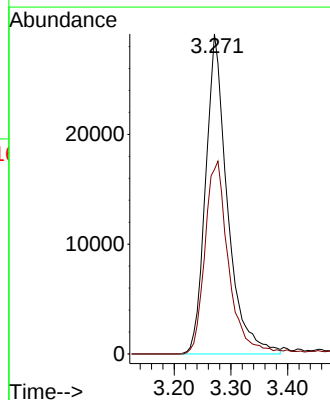
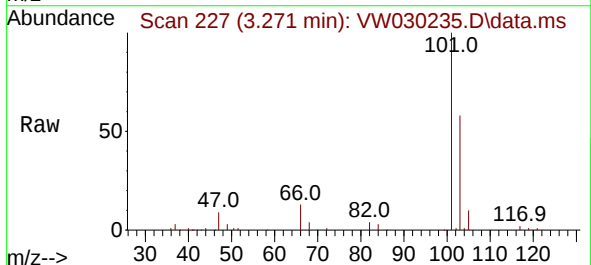
Instrument :
MSVOA_W
ClientSampleId :

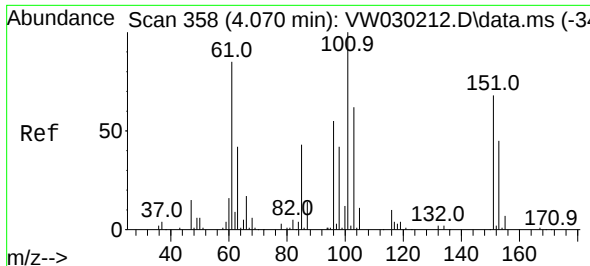
Tgt Ion: 64 Resp: 58376
Ion Ratio Lower Upper
64 100
66 33.6 21.1 39.3



#9
Trichlorofluoromethane
Concen: 24.973 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

Tgt Ion:101 Resp: 78026
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.6





#10

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

Concen: 28.299 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

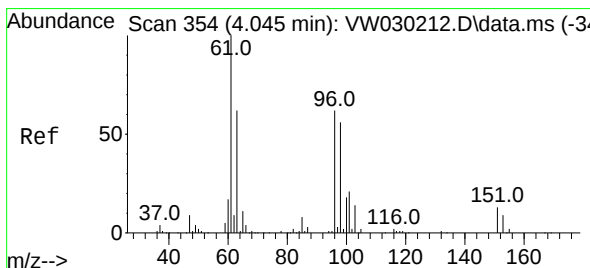
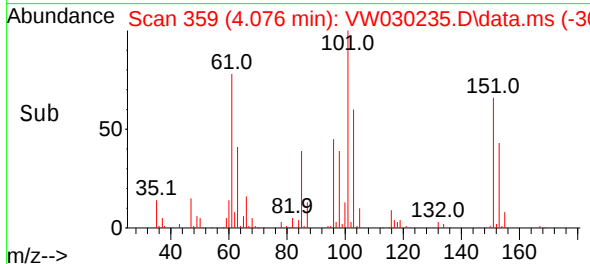
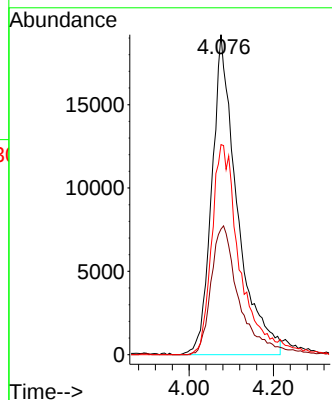
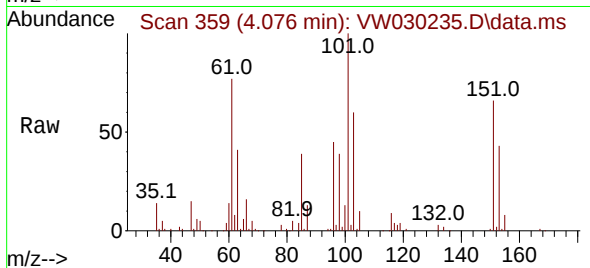
Tgt Ion:101 Resp: 80151

Ion Ratio Lower Upper

101 100

85 44.2 34.2 51.2

151 70.8 56.1 84.1



#12

1,1-Dichloroethene

Concen: 28.732 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW030235.D

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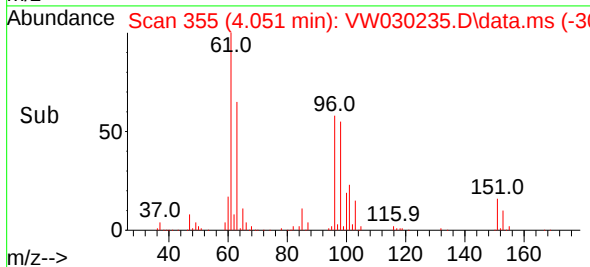
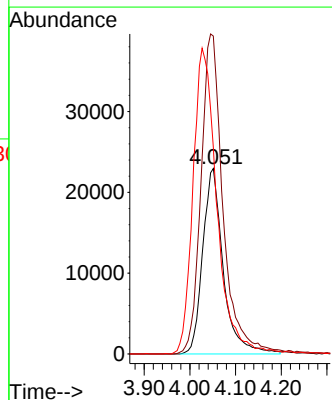
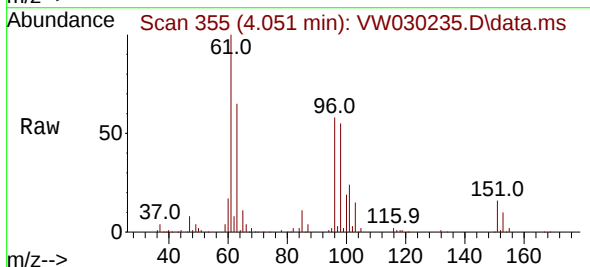
Tgt Ion: 96 Resp: 71612

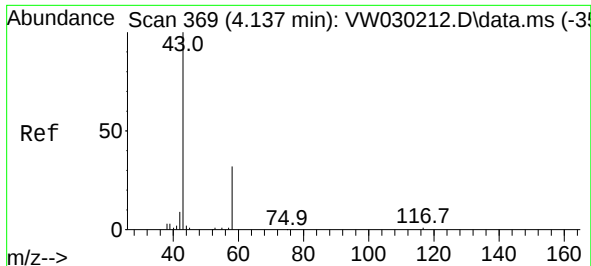
Ion Ratio Lower Upper

96 100

61 171.5 124.0 230.4

63 111.5 93.3 173.3

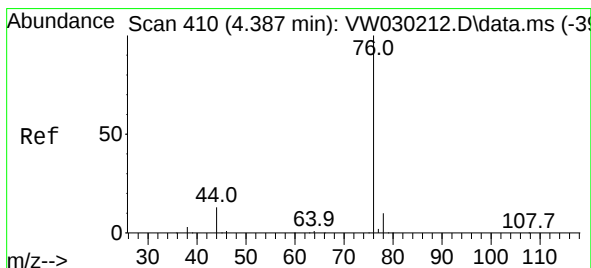
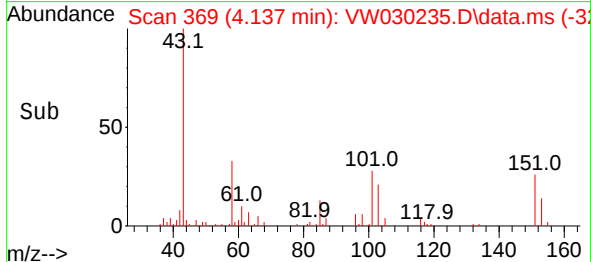
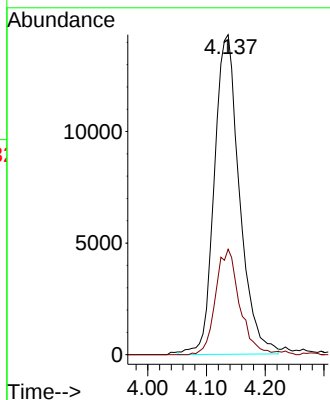
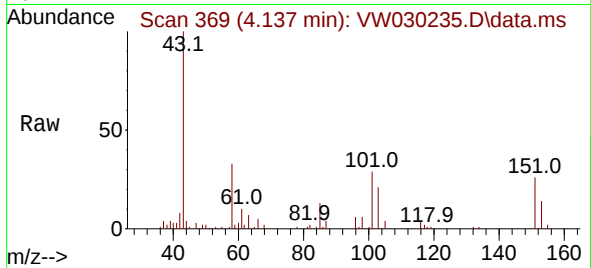




#13
Acetone
Concen: 57.025 ug/L
RT: 4.137 min Scan# 369
Delta R.T. -0.000 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

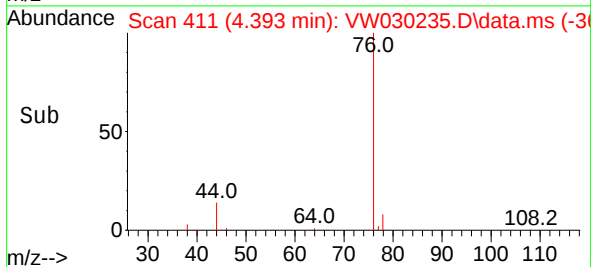
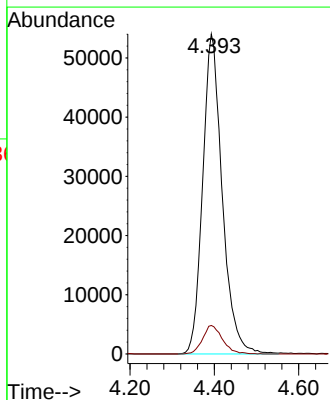
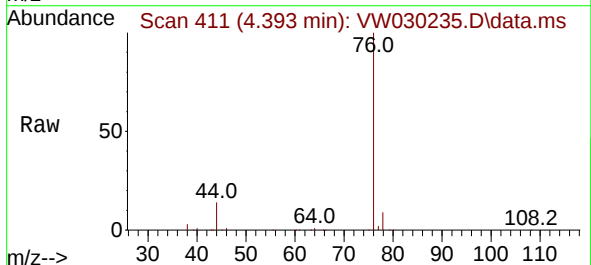
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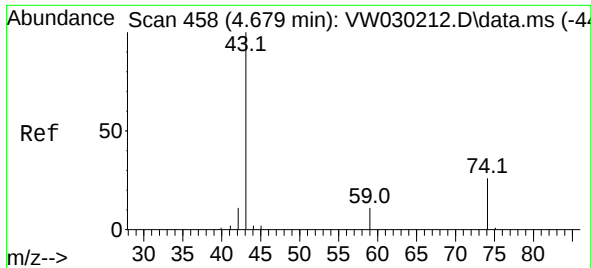
Tgt Ion: 43 Resp: 42716
Ion Ratio Lower Upper
43 100
58 31.4 0.0 65.0



#14
Carbon disulfide
Concen: 24.576 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

Tgt Ion: 76 Resp: 174005
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

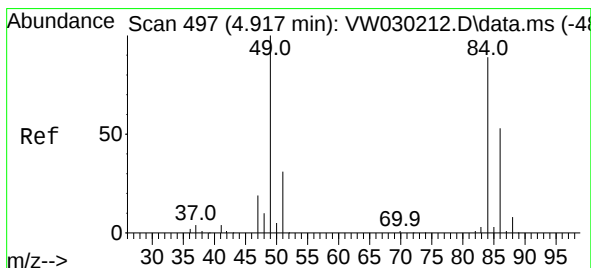
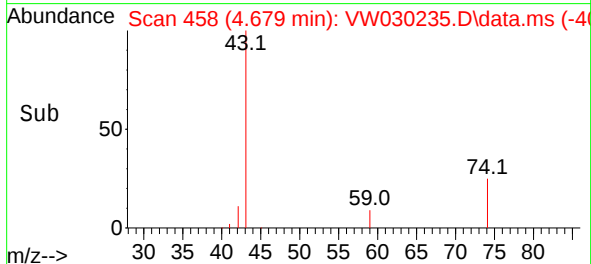
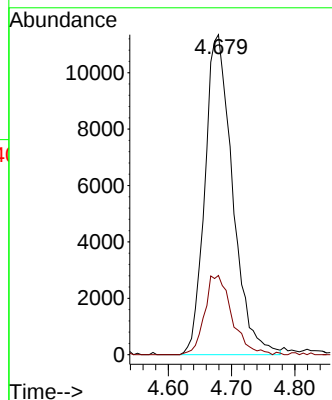
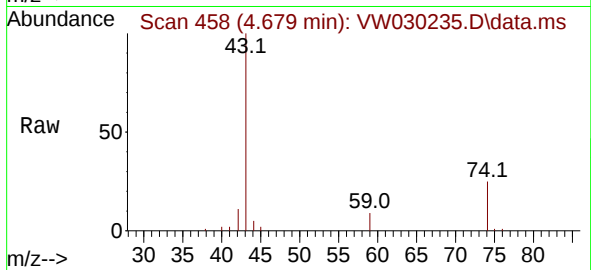




#15
Methyl Acetate
Concen: 28.492 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

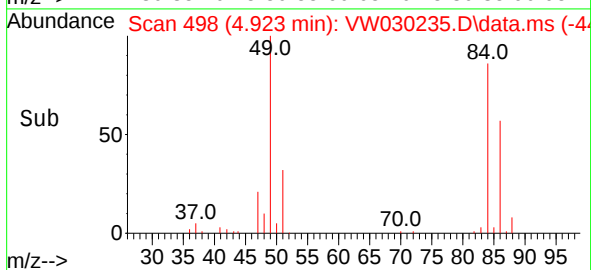
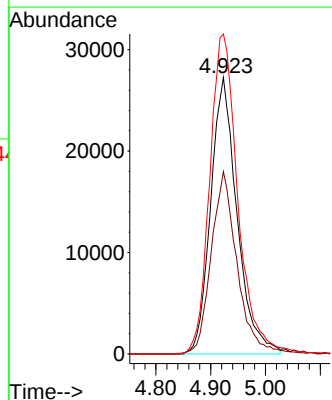
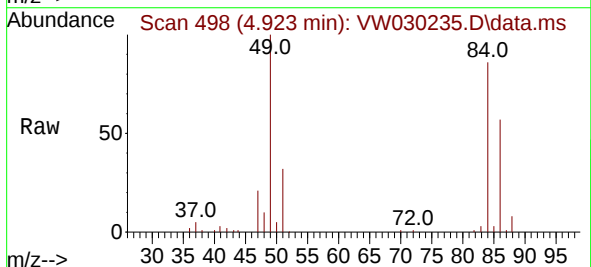
Instrument :
MSVOA_W
ClientSampleId :

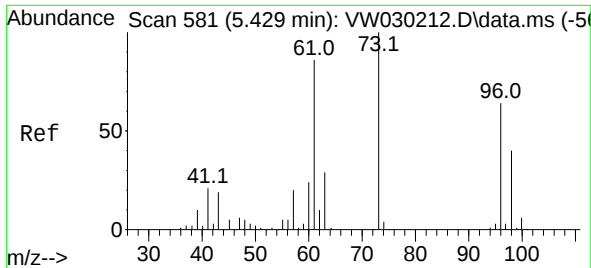
Tgt Ion: 43 Resp: 34515
Ion Ratio Lower Upper
43 100
74 24.4 18.9 28.3



#16
Methylene chloride
Concen: 29.555 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

Tgt Ion: 84 Resp: 90997
Ion Ratio Lower Upper
84 100
86 65.9 44.6 82.8
49 115.8 83.8 155.6





#17

trans-1,2-Dichloroethene

Concen: 28.401 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

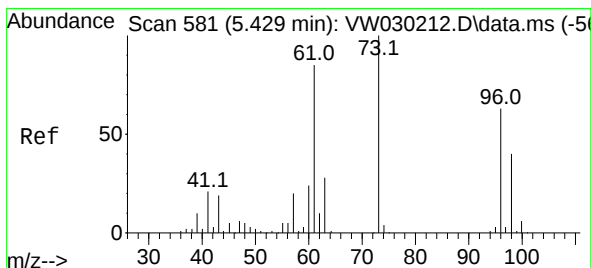
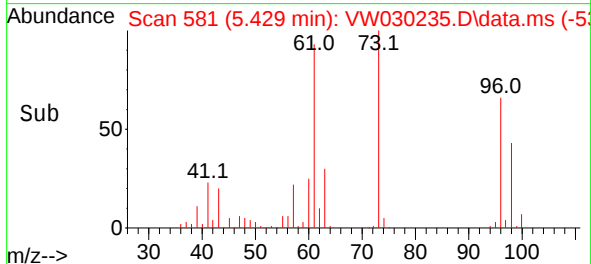
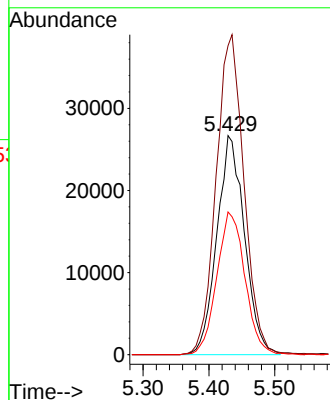
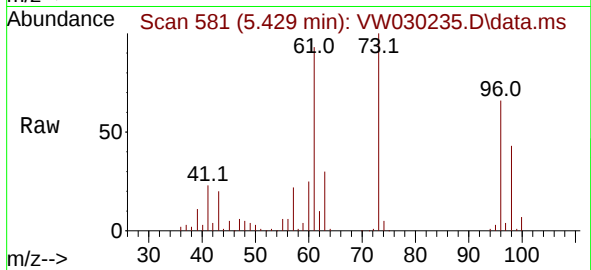
Tgt Ion: 96 Resp: 78035

Ion Ratio Lower Upper

96 100

61 141.0 100.8 187.2

98 65.2 43.0 80.0



#18

Methyl tert-butyl Ether

Concen: 32.184 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

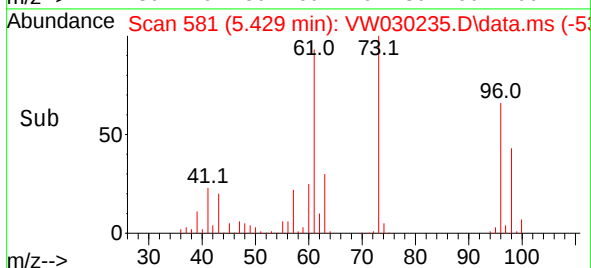
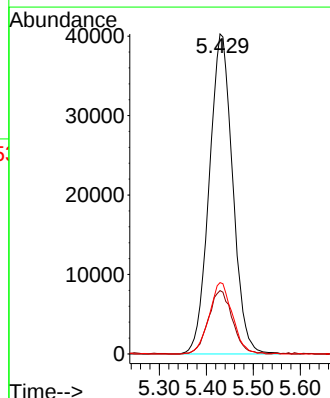
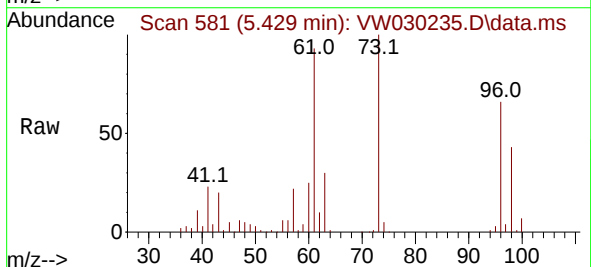
Tgt Ion: 73 Resp: 139364

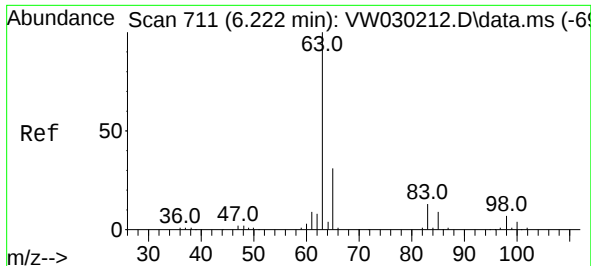
Ion Ratio Lower Upper

73 100

43 20.4 15.7 23.5

57 22.1 18.8 28.2





#19

1,1-Dichloroethane

Concen: 30.123 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

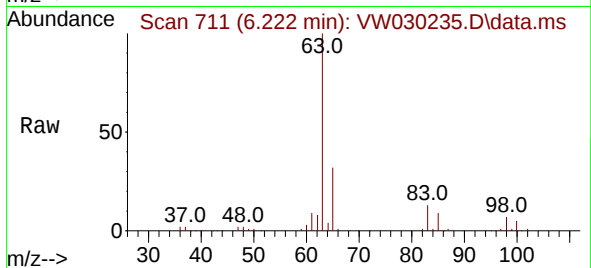
Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :



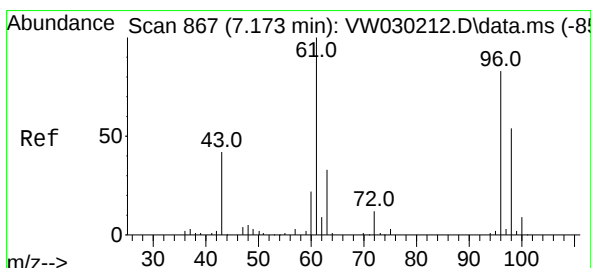
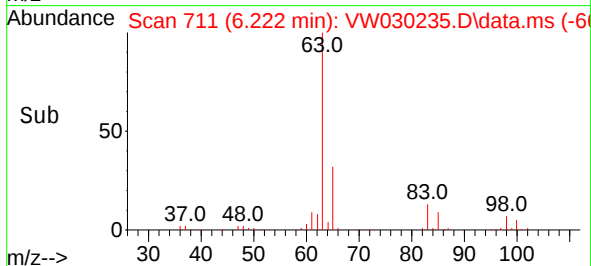
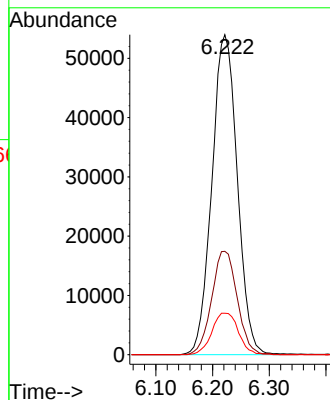
Tgt Ion: 63 Resp: 168059

Ion Ratio Lower Upper

63 100

65 32.3 21.6 40.0

83 12.9 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 31.254 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.006 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

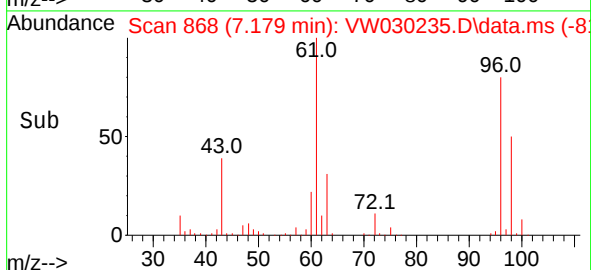
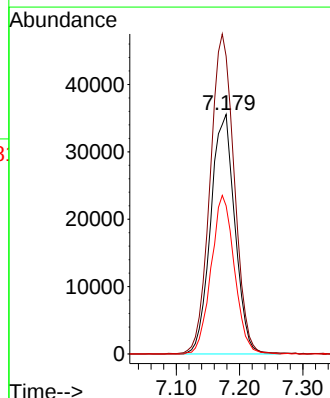
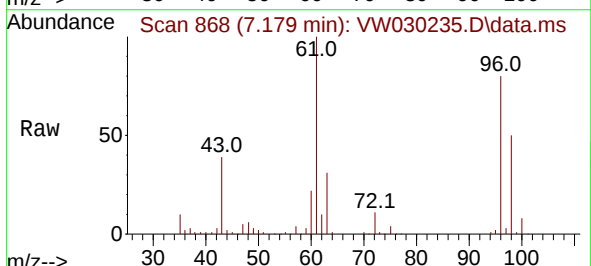
Tgt Ion: 96 Resp: 94241

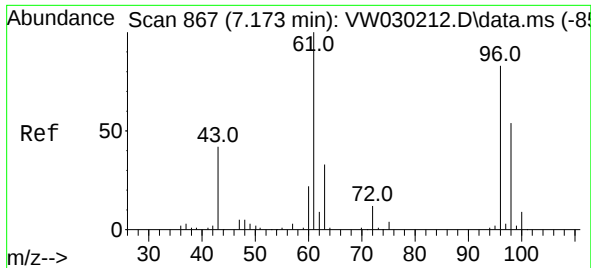
Ion Ratio Lower Upper

96 100

61 124.4 89.5 166.3

98 61.9 44.3 82.3





#22

2-Butanone

Concen: 55.133 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

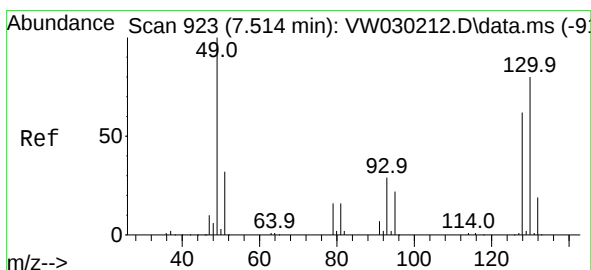
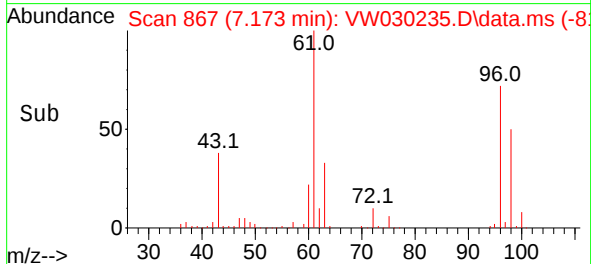
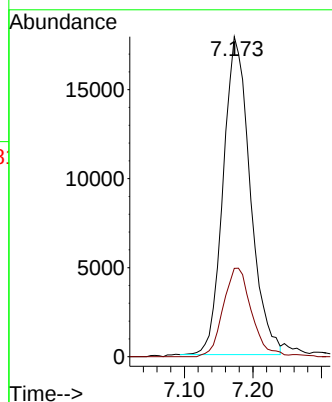
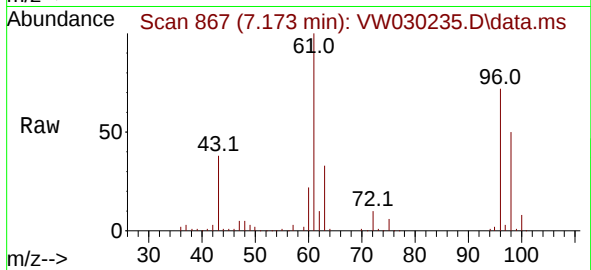
ClientSampleId :

Tgt Ion: 43 Resp: 48887

Ion Ratio Lower Upper

43 100

72 29.1 13.9 41.7



#23

Bromochloromethane

Concen: 30.930 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Tgt Ion: 128 Resp: 41680

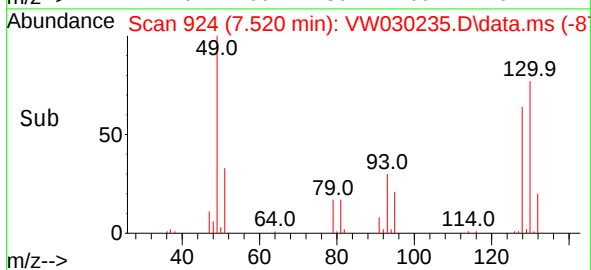
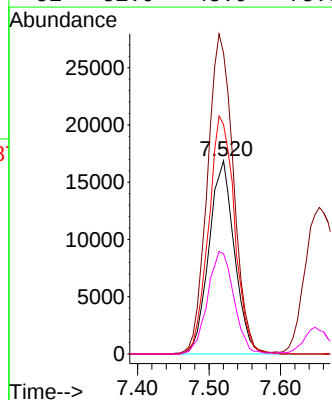
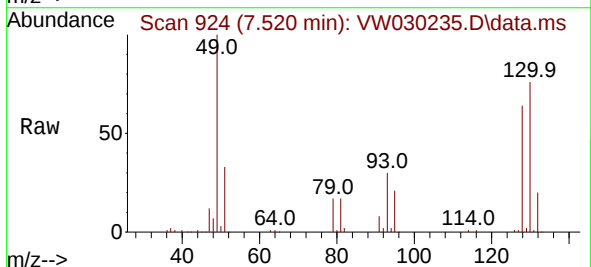
Ion Ratio Lower Upper

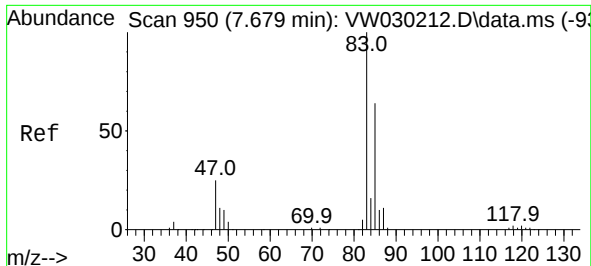
128 100

49 155.8 126.1 234.1

130 118.8 85.9 159.5

51 51.9 48.9 73.3





#25

Chloroform

Concen: 30.888 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

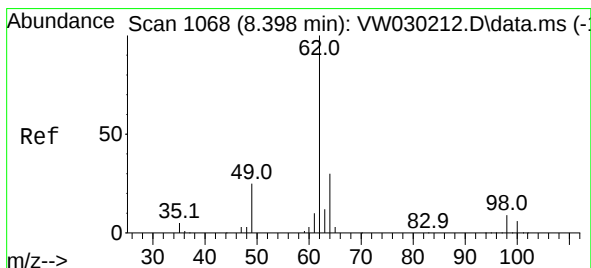
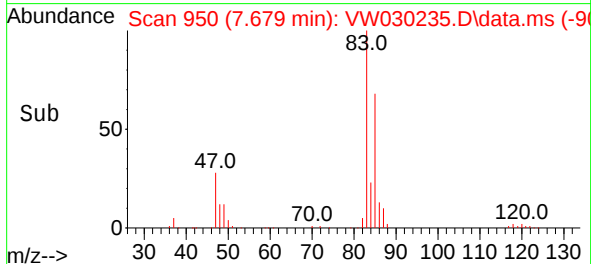
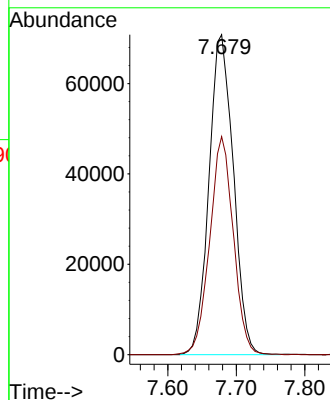
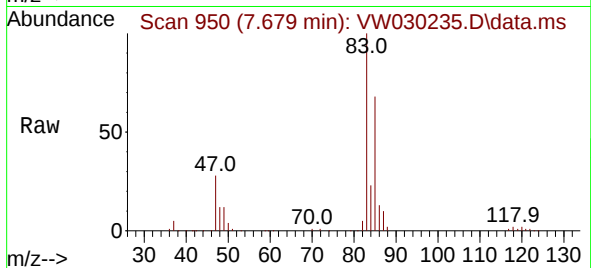
ClientSampleId :

Tgt Ion: 83 Resp: 175030

Ion Ratio Lower Upper

83 100

85 68.1 46.1 85.5



#27

1,2-Dichloroethane

Concen: 31.543 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030235.D

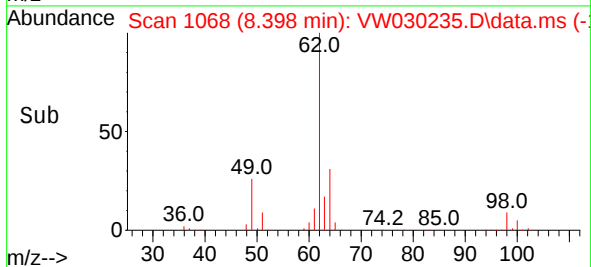
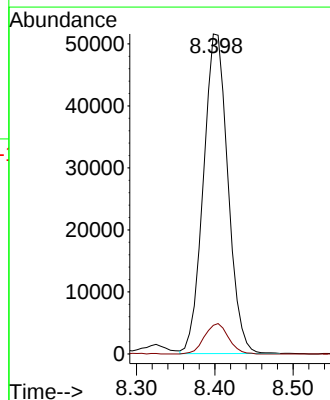
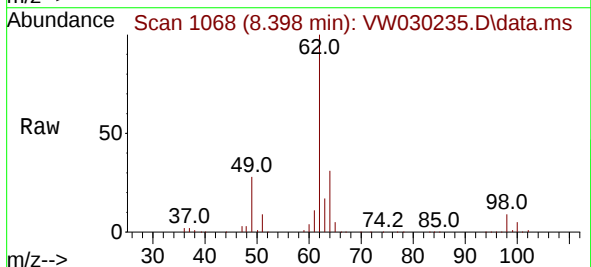
Acq: 24 Sep 2024 19:38

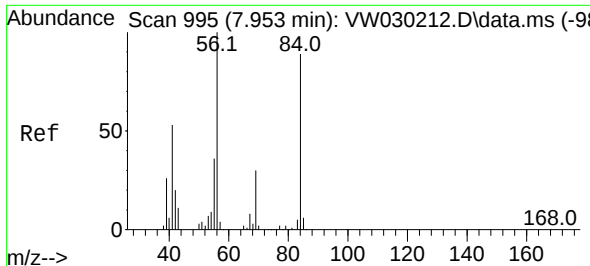
Tgt Ion: 62 Resp: 112084

Ion Ratio Lower Upper

62 100

98 9.0 7.3 10.9





#29

Cyclohexane

Concen: 28.884 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

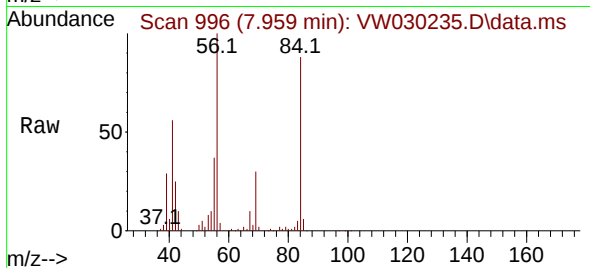
Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :



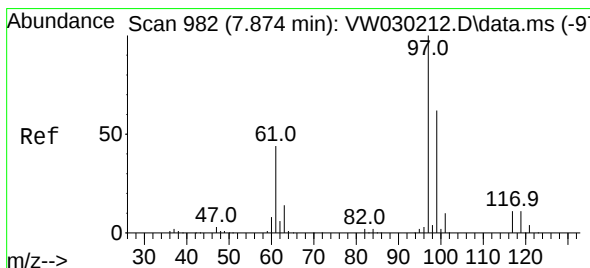
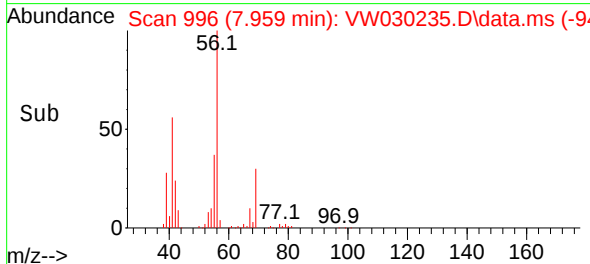
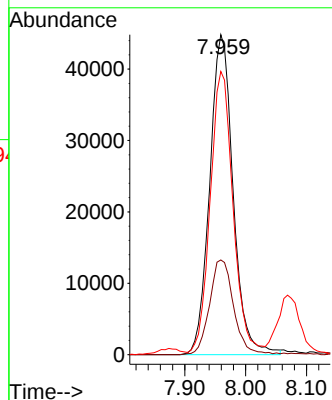
Tgt Ion: 56 Resp: 120006

Ion Ratio Lower Upper

56 100

69 30.3 24.6 37.0

84 86.5 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 29.158 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.006 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

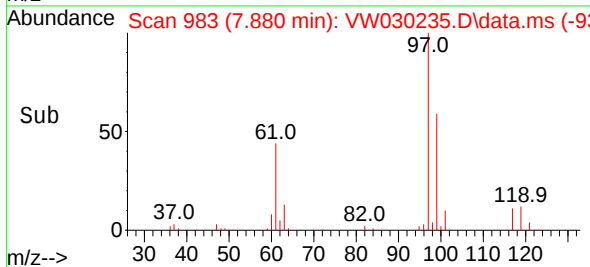
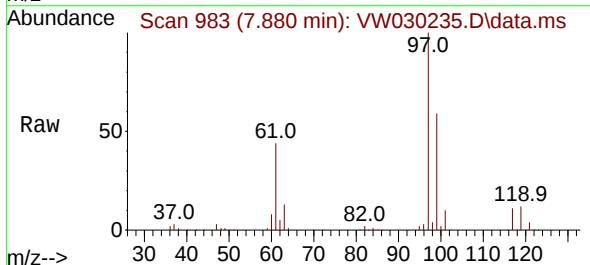
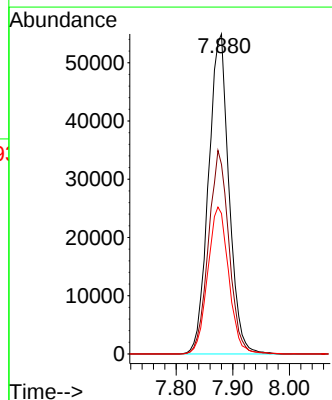
Tgt Ion: 97 Resp: 137532

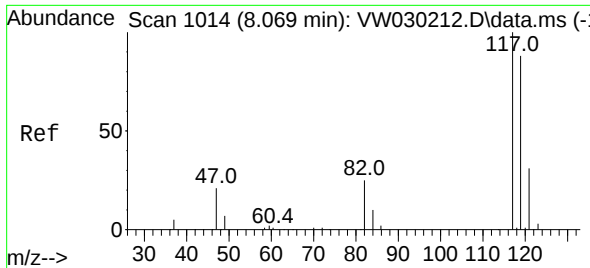
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 47.3 36.4 54.6

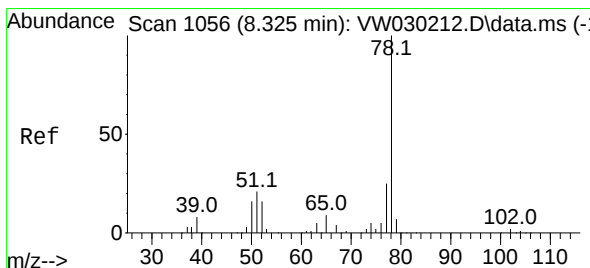
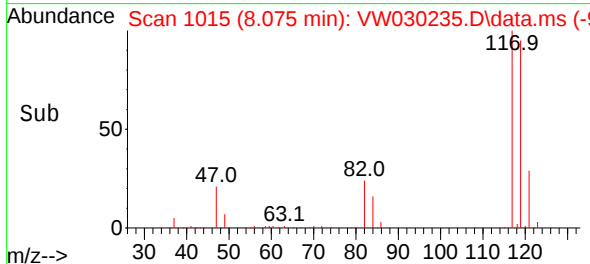
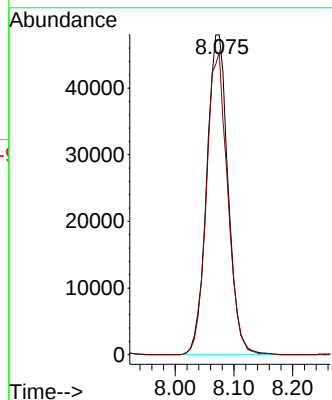
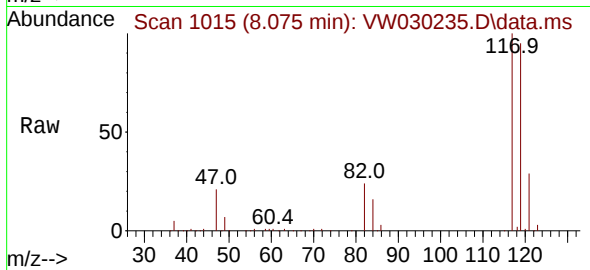




#31
Carbon tetrachloride
Concen: 28.279 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

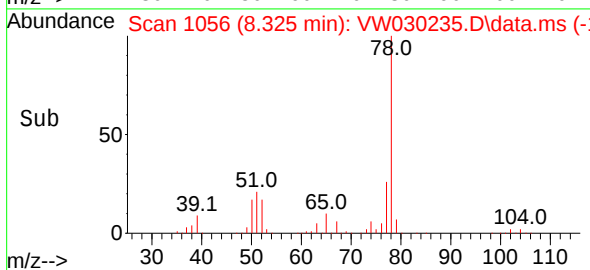
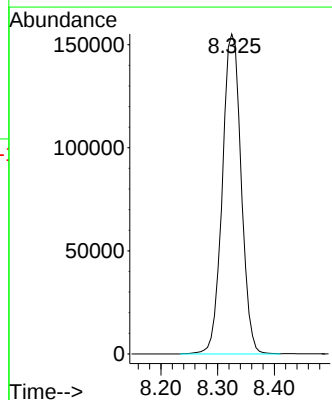
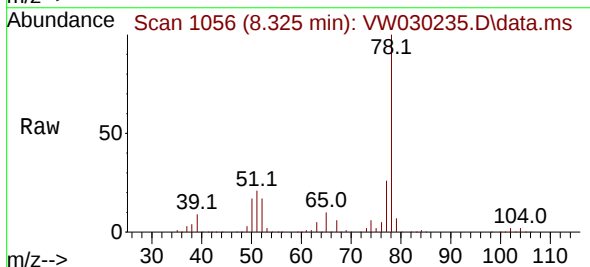
Instrument :
MSVOA_W
ClientSampleId :

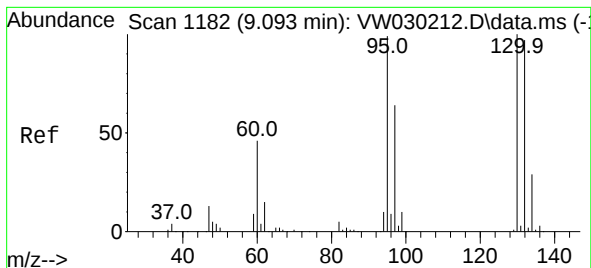
Tgt Ion:117 Resp: 121206
Ion Ratio Lower Upper
117 100
119 93.5 76.2 114.4



#33
Benzene
Concen: 30.074 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

Tgt Ion: 78 Resp: 358561





#34

Trichloroethene

Concen: 29.528 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 95037

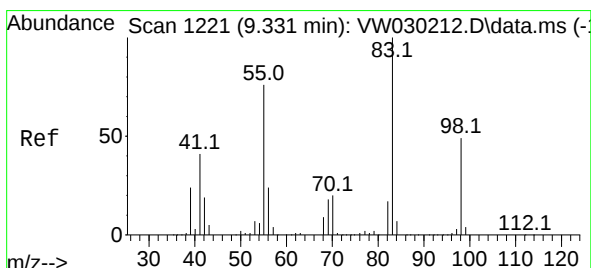
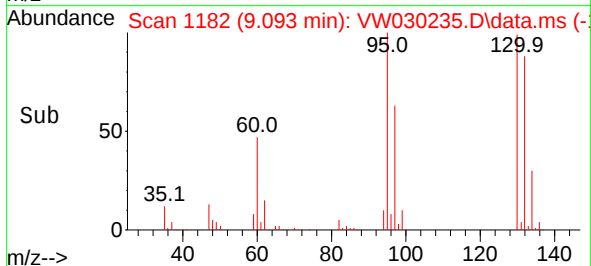
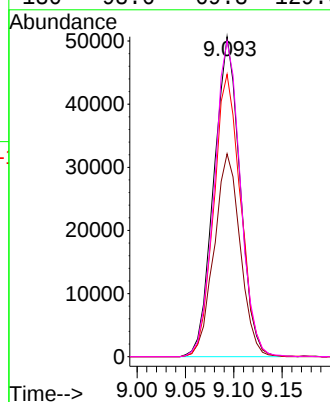
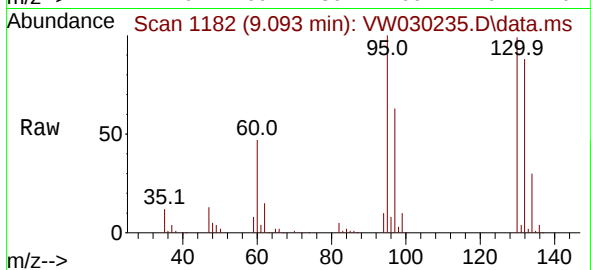
Ion Ratio Lower Upper

95 100

97 63.4 45.2 84.0

132 88.3 64.8 120.3

130 98.6 69.8 129.6



#35

Methylcyclohexane

Concen: 28.589 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

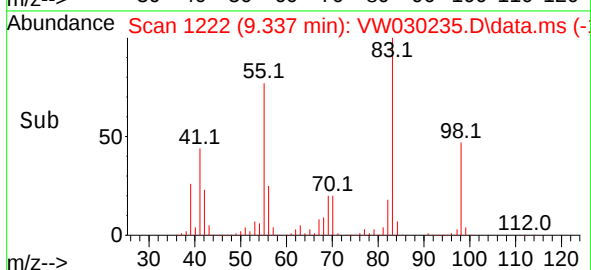
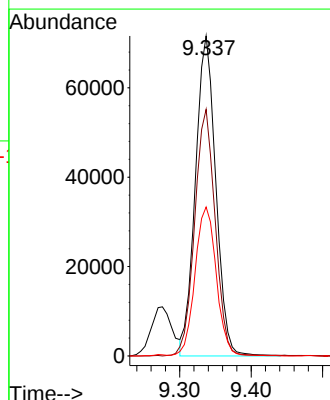
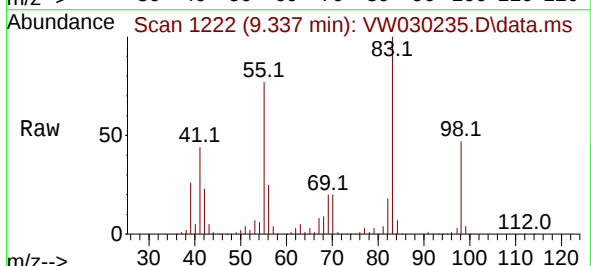
Tgt Ion: 83 Resp: 141853

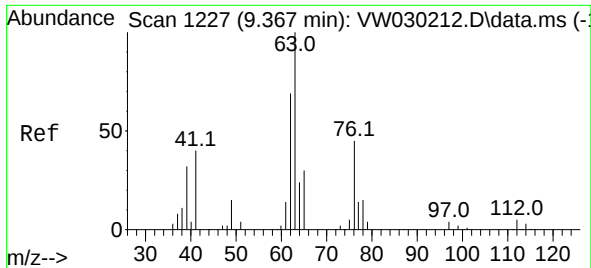
Ion Ratio Lower Upper

83 100

55 77.5 63.0 94.6

98 48.8 38.7 58.1





#37

1,2-Dichloropropane

Concen: 30.260 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

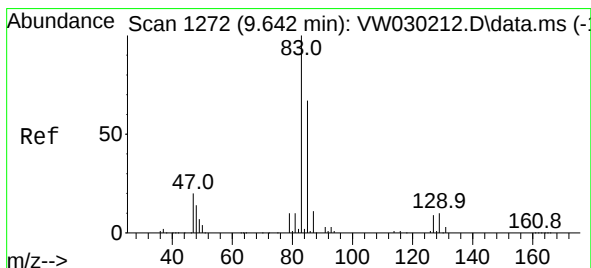
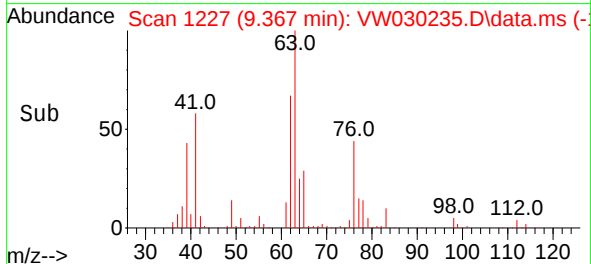
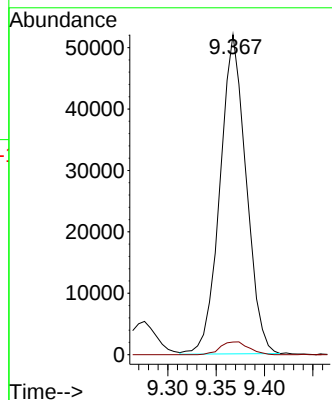
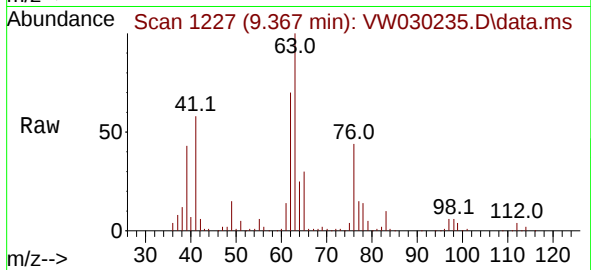
ClientSampleId :

Tgt Ion: 63 Resp: 97788

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 30.664 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

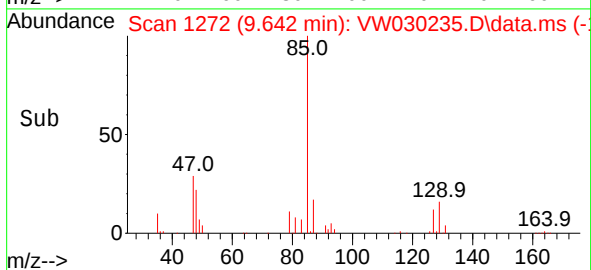
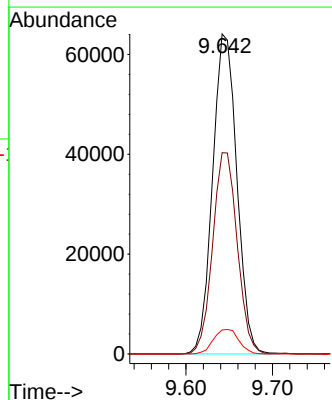
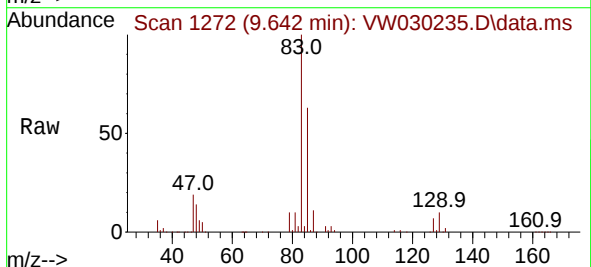
Tgt Ion: 83 Resp: 124780

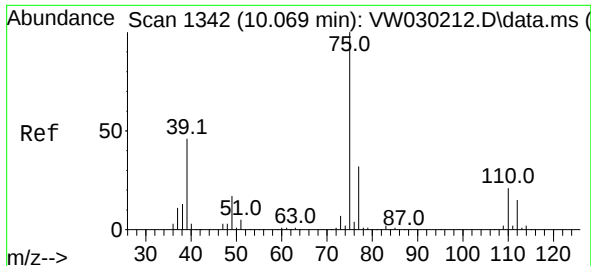
Ion Ratio Lower Upper

83 100

85 62.9 42.6 79.0

127 7.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 30.560 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

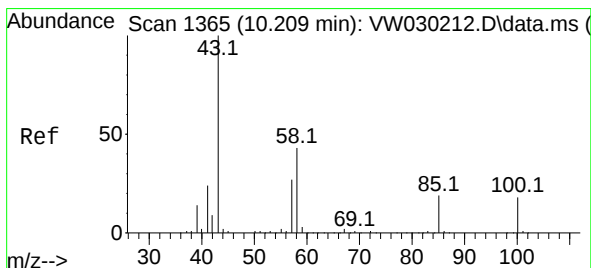
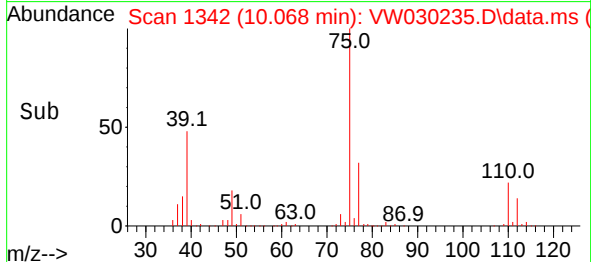
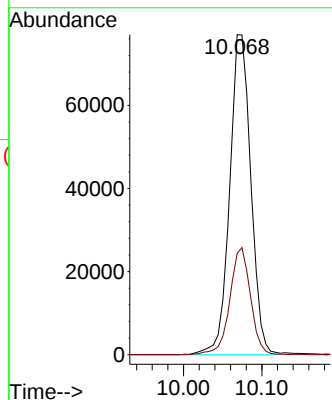
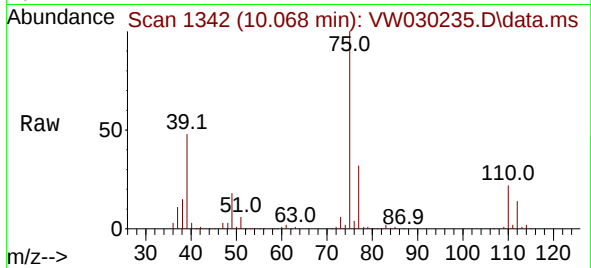
ClientSampleId :

Tgt Ion: 75 Resp: 144472

Ion Ratio Lower Upper

75 100

77 31.7 20.7 38.5



#40

4-Methyl-2-pentanone

Concen: 60.793 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

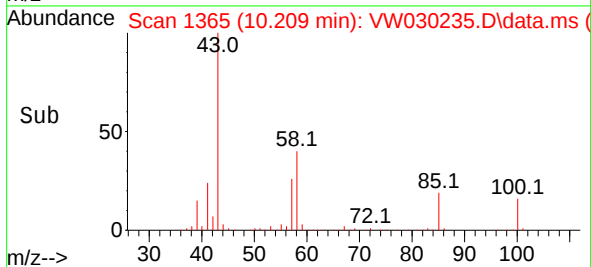
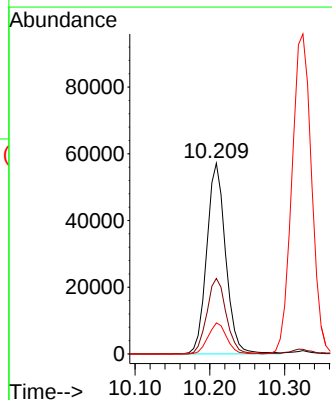
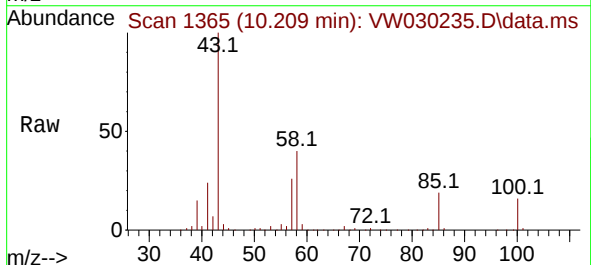
Tgt Ion: 43 Resp: 100382

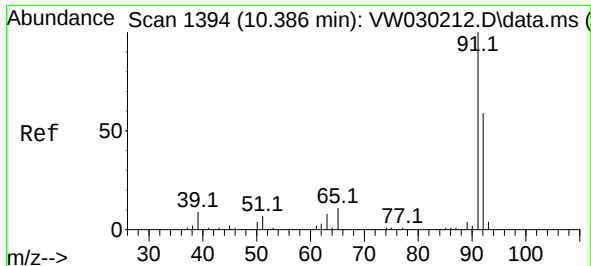
Ion Ratio Lower Upper

43 100

58 40.6 32.7 49.1

100 16.1 12.7 19.1





#42

Toluene

Concen: 31.075 ug/L

RT: 10.386 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

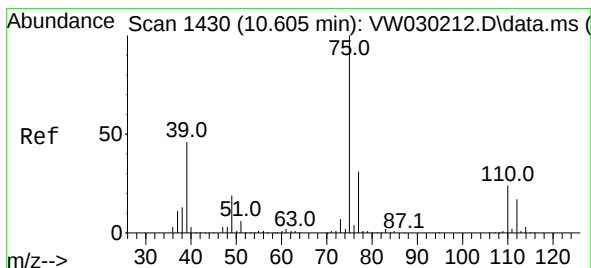
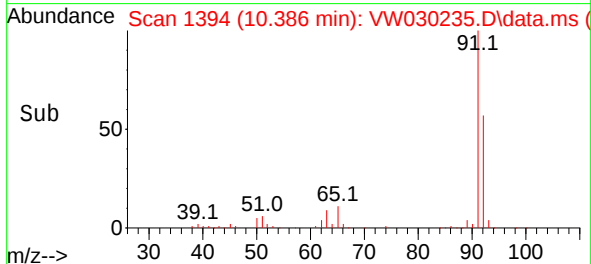
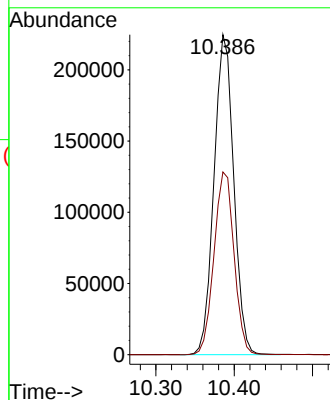
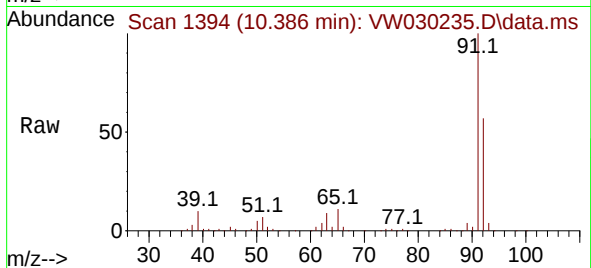
ClientSampleId :

Tgt Ion: 91 Resp: 393133

Ion Ratio Lower Upper

91 100

92 57.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 30.731 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030235.D

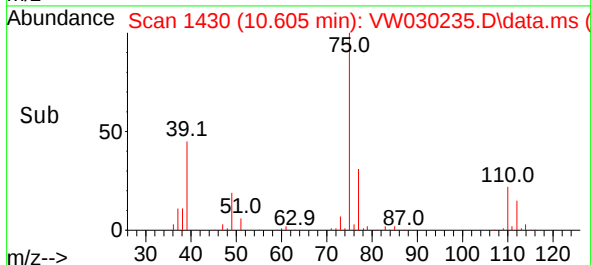
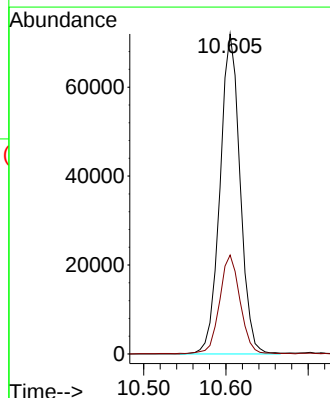
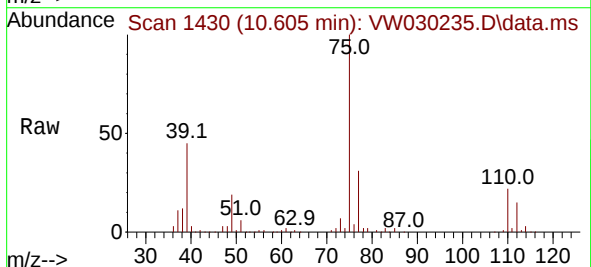
Acq: 24 Sep 2024 19:38

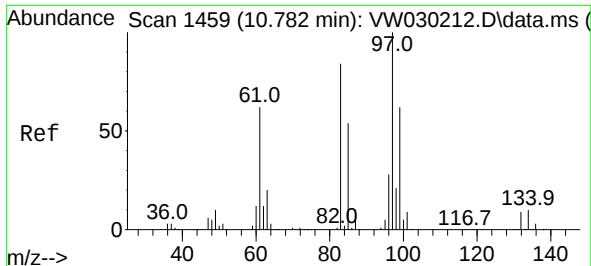
Tgt Ion: 75 Resp: 122212

Ion Ratio Lower Upper

75 100

77 30.9 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 30.686 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

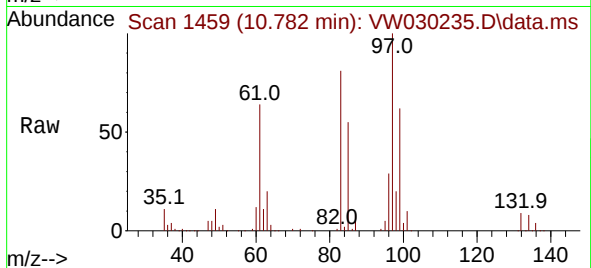
Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 72156

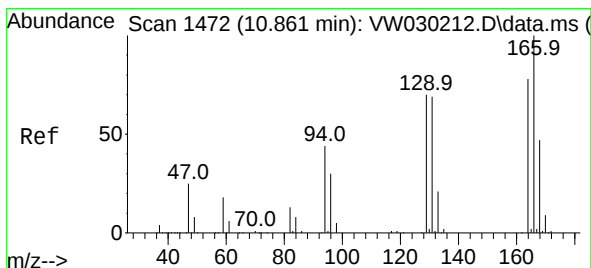
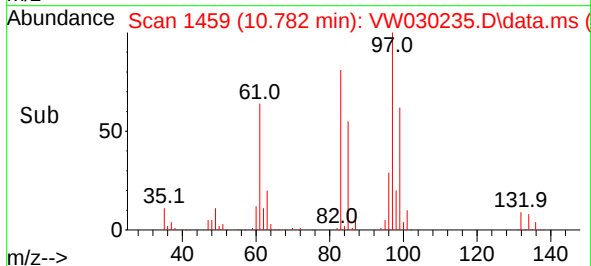
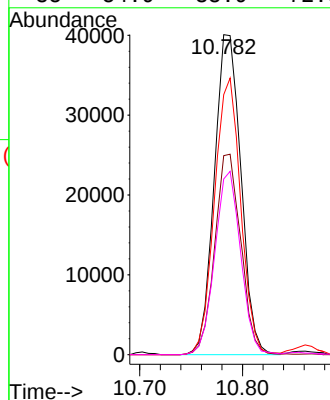
Ion Ratio Lower Upper

97 100

99 62.2 45.6 84.8

83 81.2 64.0 119.0

85 54.9 38.9 72.3



#46

Tetrachloroethene

Concen: 30.460 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Tgt Ion:164 Resp: 72339

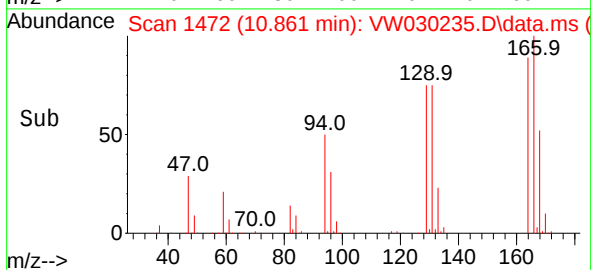
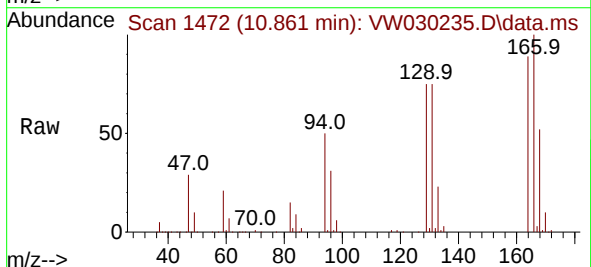
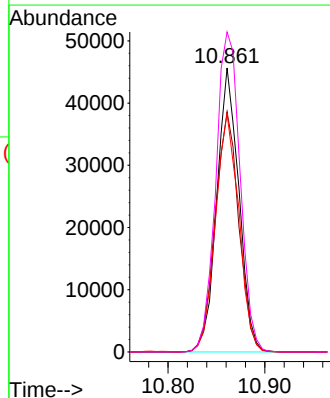
Ion Ratio Lower Upper

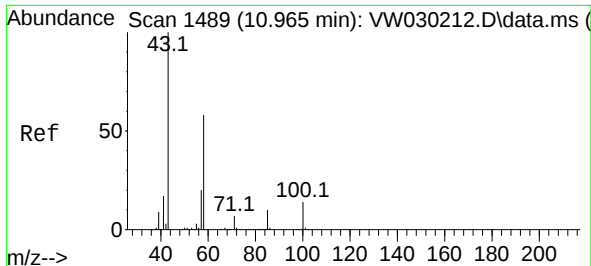
164 100

129 84.6 66.0 122.6

131 84.0 64.8 120.4

166 112.7 81.6 151.6

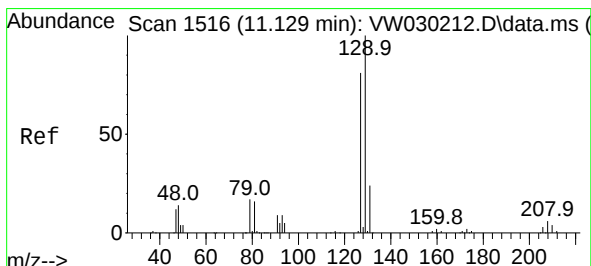
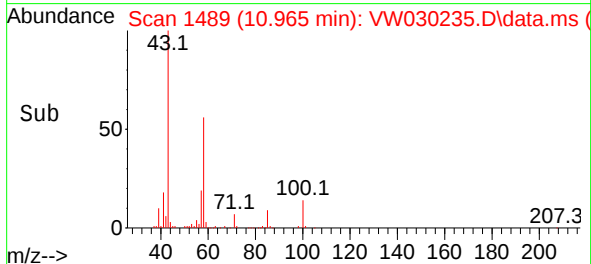
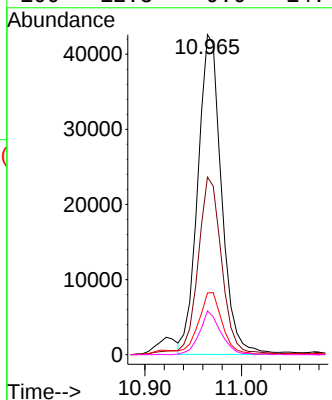
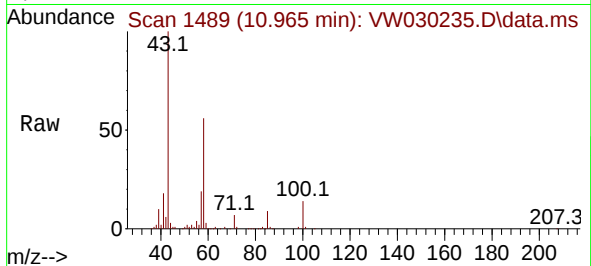




#48
2-Hexanone
Concen: 57.228 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

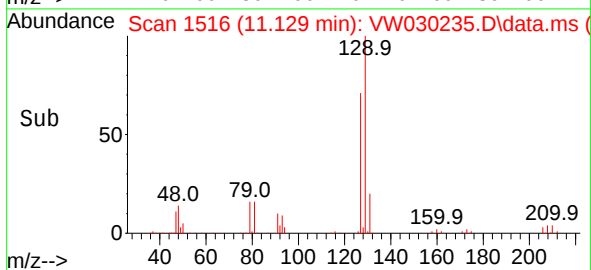
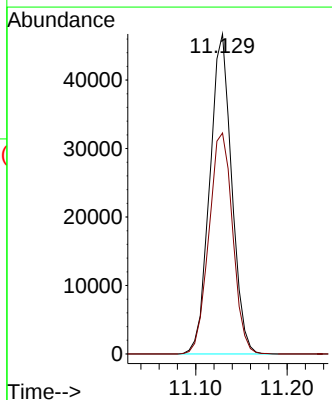
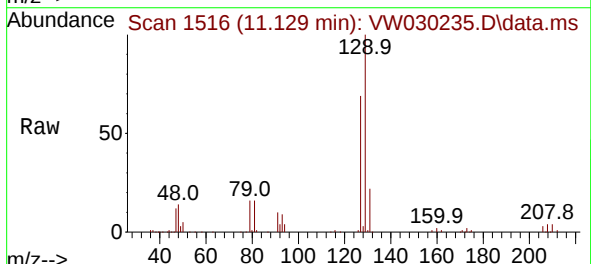
Instrument :
MSVOA_W
ClientSampleId :

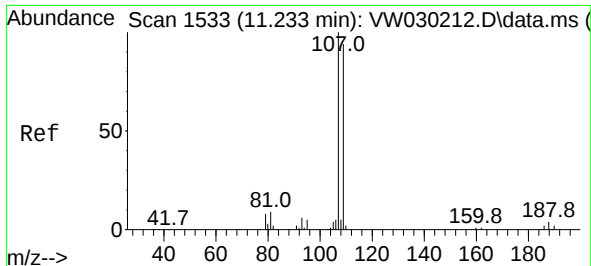
Tgt Ion:	43	Resp:	72666
Ion	Ratio	Lower	Upper
43	100		
58	54.2	44.8	67.2
57	19.8	15.4	23.2
100	12.3	9.6	14.4



#49
Dibromochloromethane
Concen: 30.451 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

Tgt Ion:	129	Resp:	77930
Ion	Ratio	Lower	Upper
129	100		
127	69.1	54.2	100.6





#50

1,2-Dibromoethane

Concen: 29.116 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

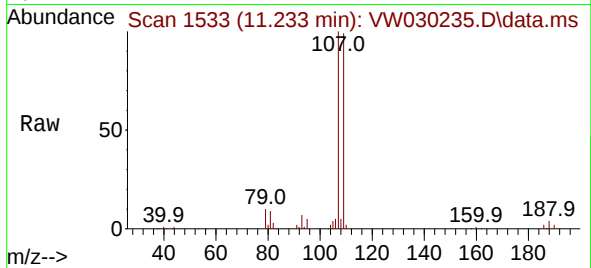
Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :



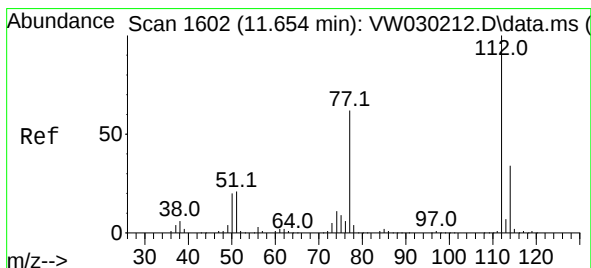
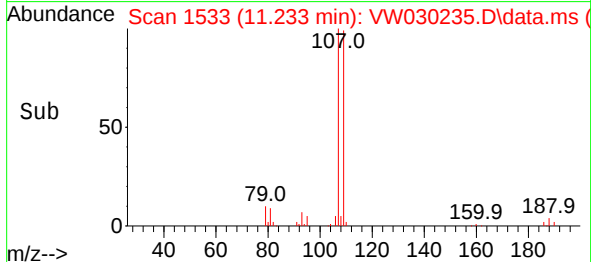
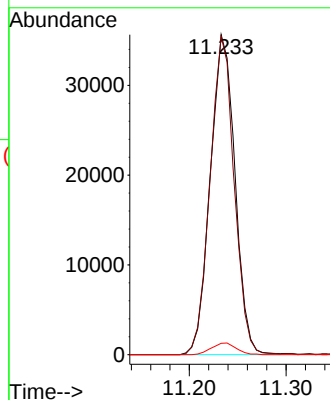
Tgt Ion:107 Resp: 63130

Ion Ratio Lower Upper

107 100

109 99.4 68.7 127.7

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 30.151 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

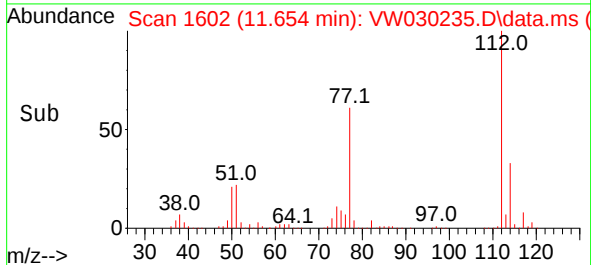
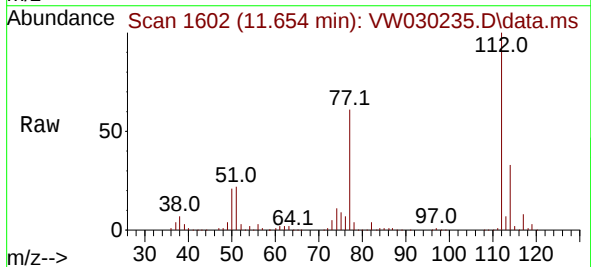
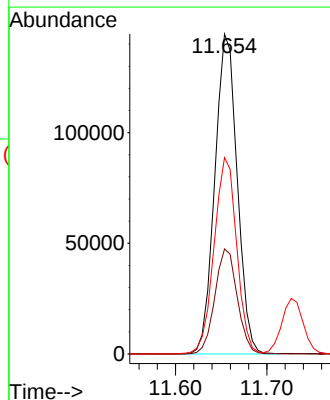
Tgt Ion:112 Resp: 246381

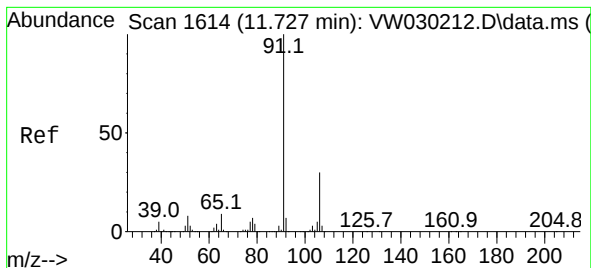
Ion Ratio Lower Upper

112 100

114 32.8 23.8 44.2

77 61.3 52.9 79.3





#52

Ethylbenzene

Concen: 31.200 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

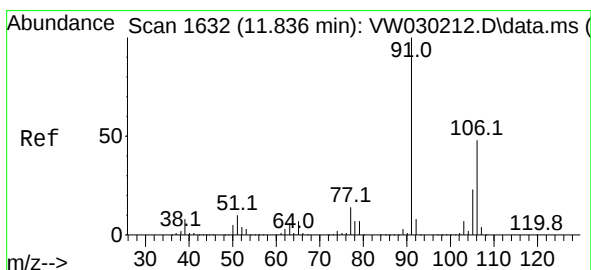
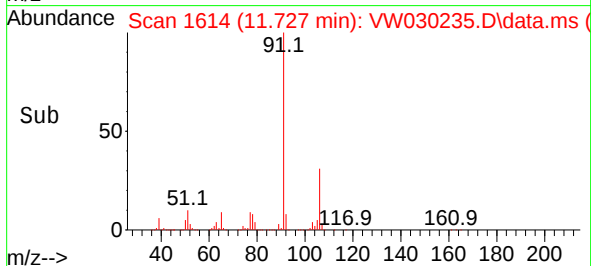
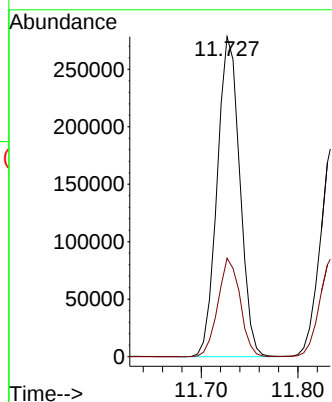
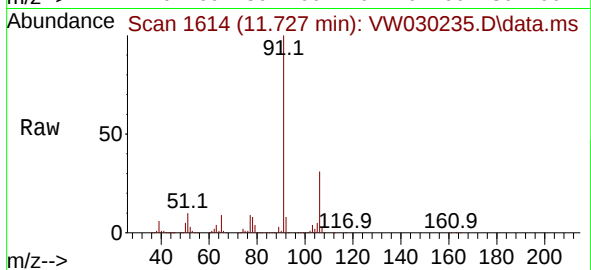
ClientSampleId :

Tgt Ion: 91 Resp: 451823

Ion Ratio Lower Upper

91 100

106 30.8 21.9 40.7



#53

m,p-Xylene

Concen: 31.367 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030235.D

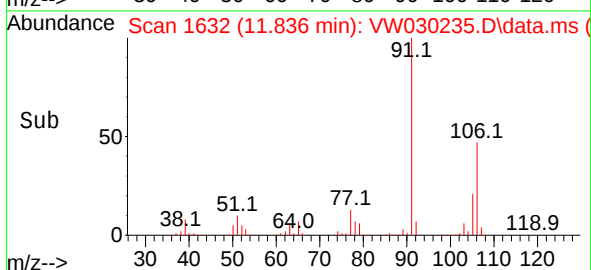
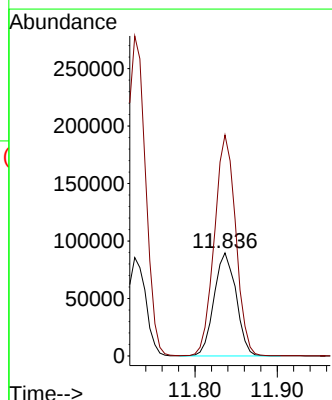
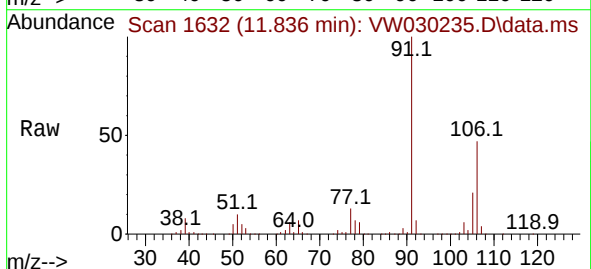
Acq: 24 Sep 2024 19:38

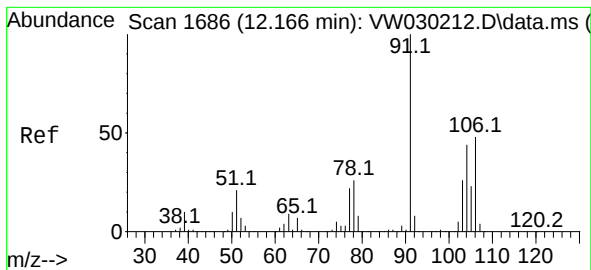
Tgt Ion:106 Resp: 167601

Ion Ratio Lower Upper

106 100

91 214.4 152.9 283.9





#54

o-Xylene

Concen: 31.949 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

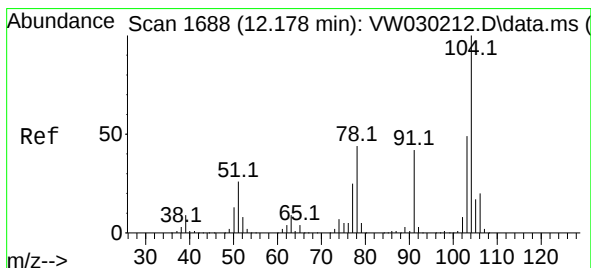
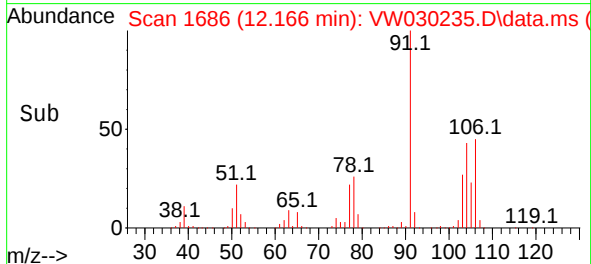
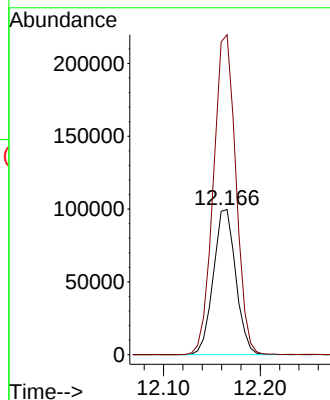
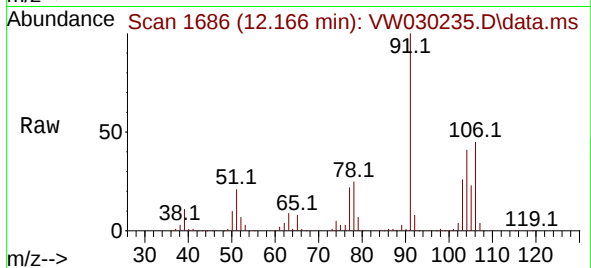
ClientSampleId :

Tgt Ion:106 Resp: 160641

Ion Ratio Lower Upper

106 100

91 220.4 158.1 293.7



#55

Styrene

Concen: 32.522 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030235.D

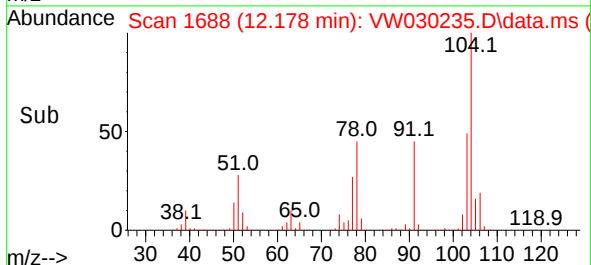
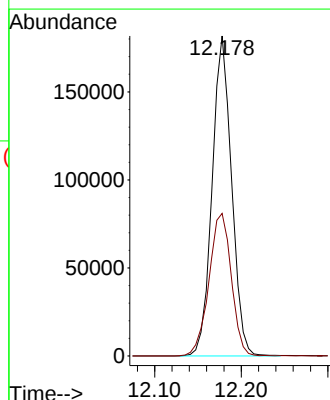
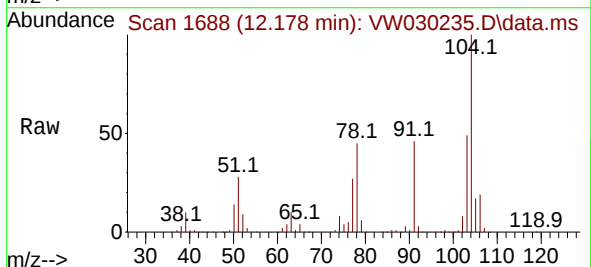
Acq: 24 Sep 2024 19:38

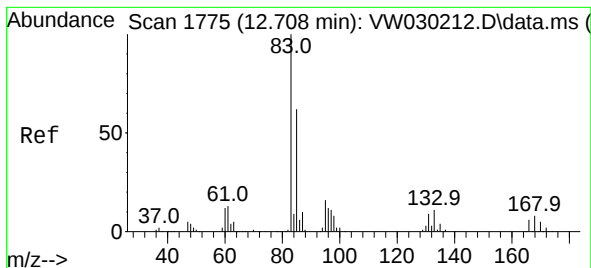
Tgt Ion:104 Resp: 283633

Ion Ratio Lower Upper

104 100

78 44.5 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 29.686 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

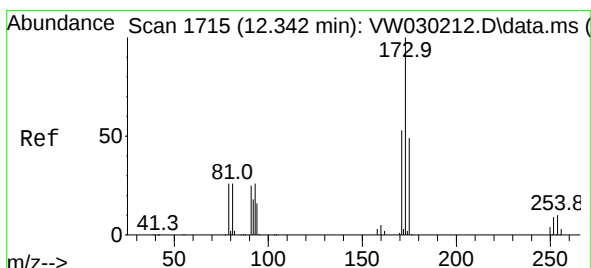
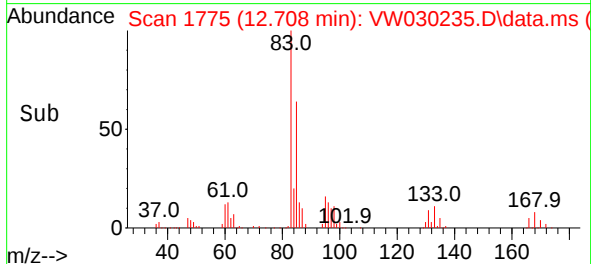
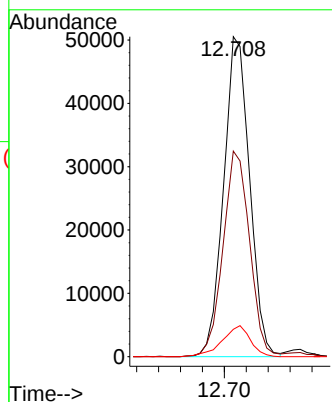
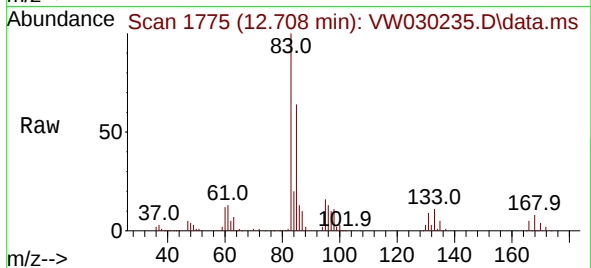
Tgt Ion: 83 Resp: 83318

Ion Ratio Lower Upper

83 100

85 64.2 44.5 82.7

131 8.6 7.4 11.2



#59

Bromoform

Concen: 27.190 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

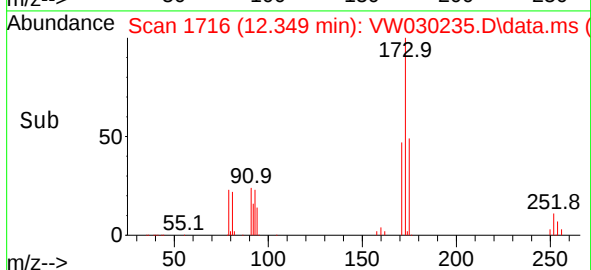
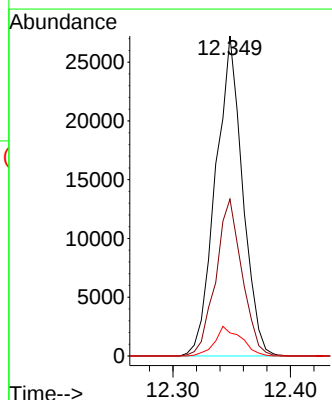
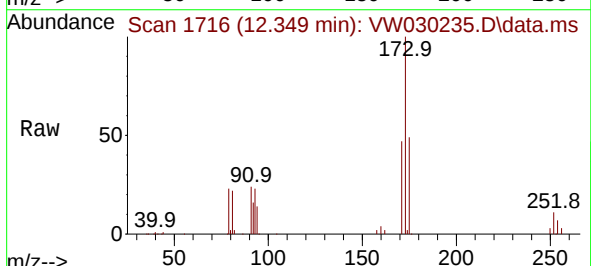
Tgt Ion:173 Resp: 43438

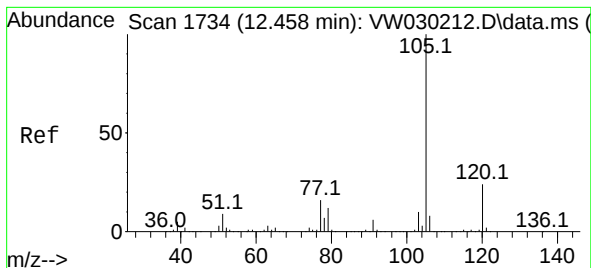
Ion Ratio Lower Upper

173 100

175 47.8 38.6 57.8

254 9.0 7.7 11.5





#60

Isopropylbenzene

Concen: 30.552 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

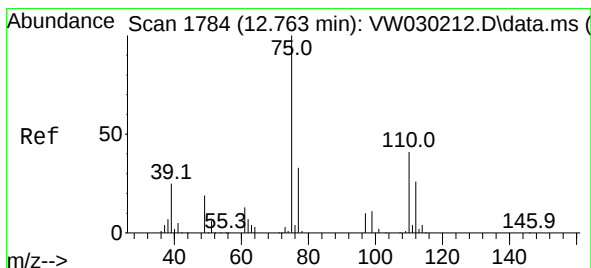
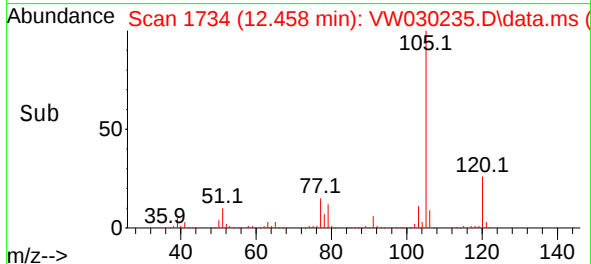
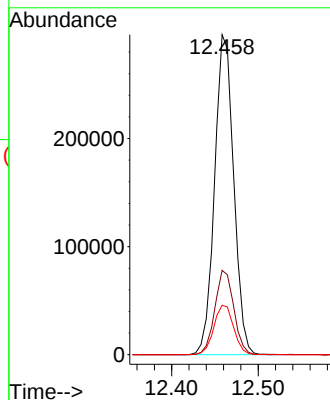
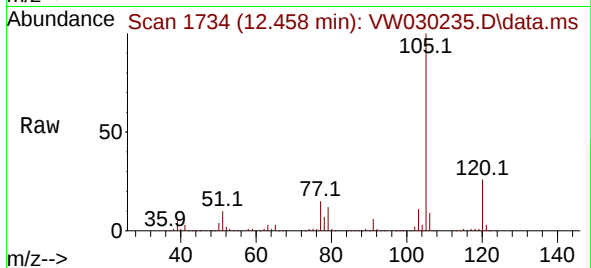
Tgt Ion:105 Resp: 454067

Ion Ratio Lower Upper

105 100

120 26.1 20.2 30.2

77 16.1 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 28.387 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

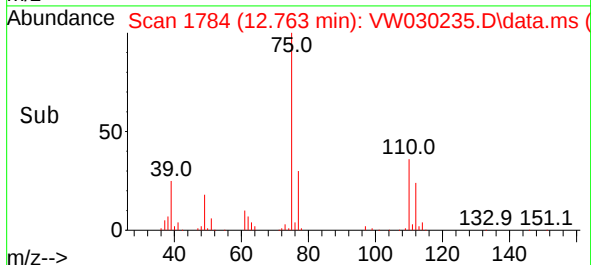
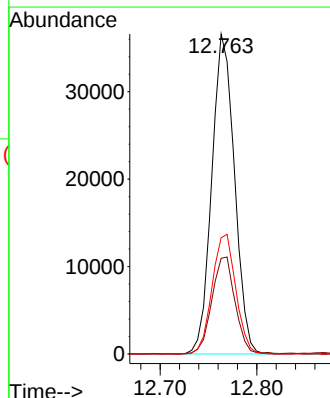
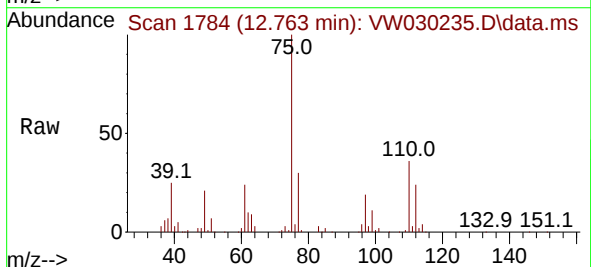
Tgt Ion: 75 Resp: 59612

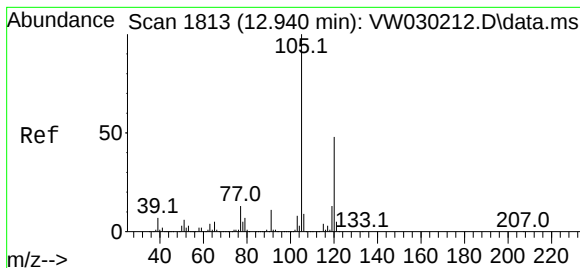
Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

110 38.9 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 32.959 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

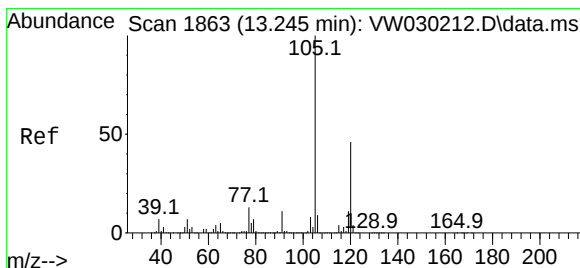
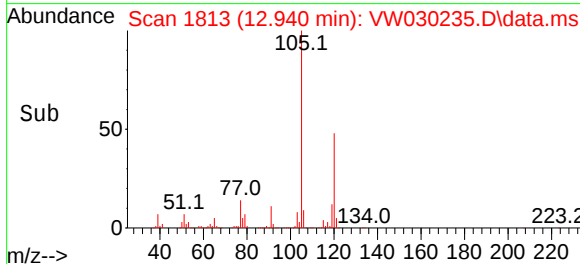
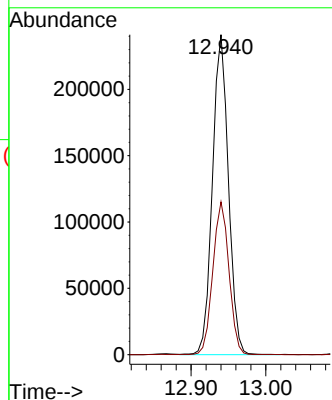
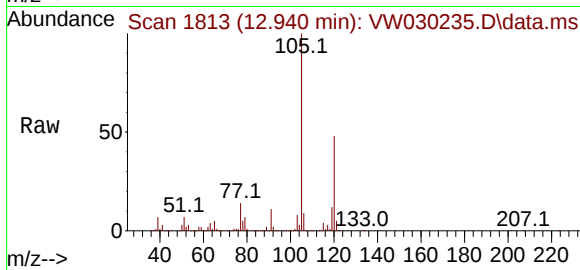
ClientSampleId :

Tgt Ion:105 Resp: 359018

Ion Ratio Lower Upper

105 100

120 48.1 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 32.114 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030235.D

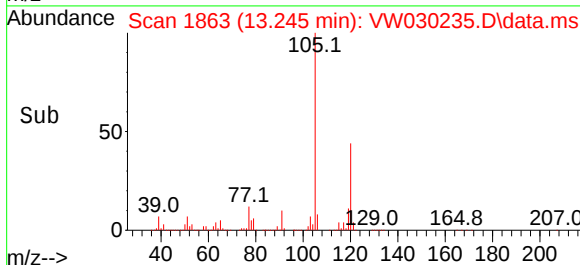
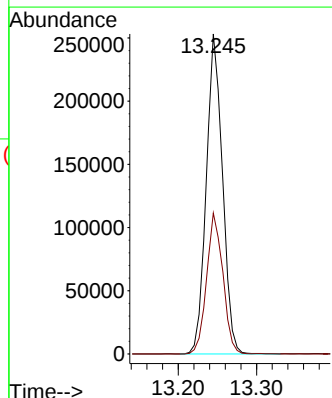
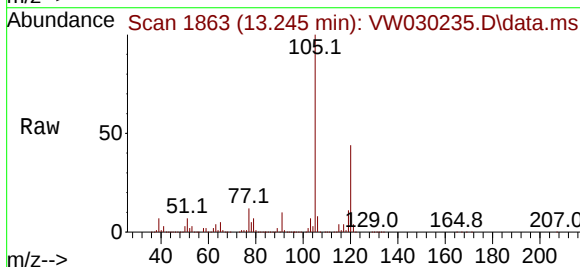
Acq: 24 Sep 2024 19:38

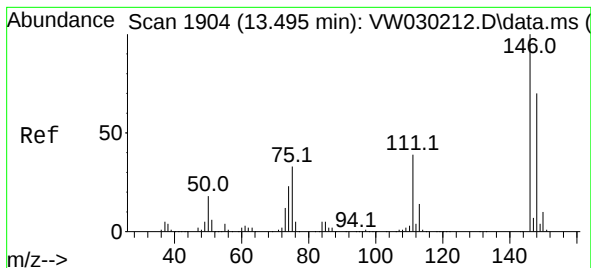
Tgt Ion:105 Resp: 363673

Ion Ratio Lower Upper

105 100

120 44.0 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 29.856 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

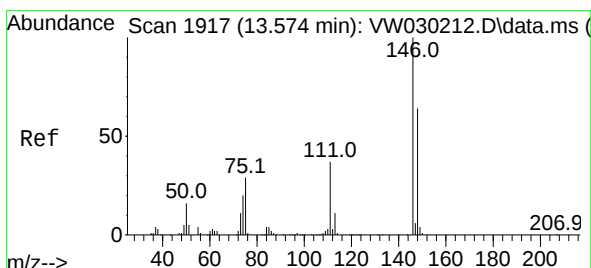
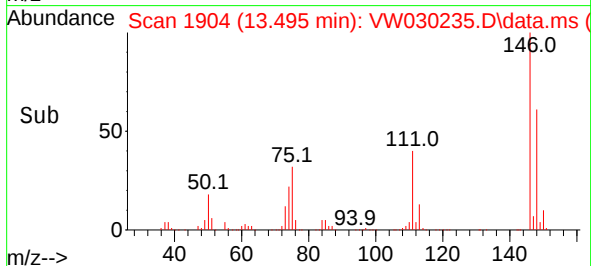
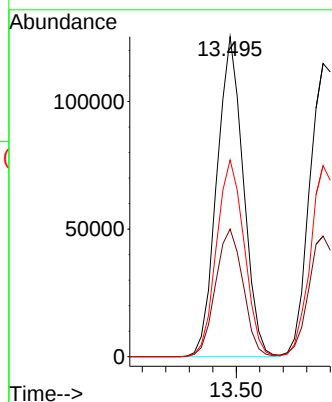
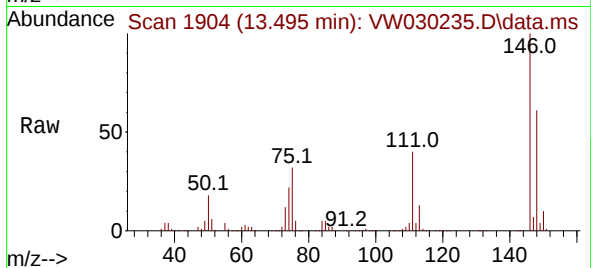
Tgt Ion:146 Resp: 196654

Ion Ratio Lower Upper

146 100

111 39.9 31.9 59.3

148 61.5 47.7 88.5



#65

1,4-Dichlorobenzene

Concen: 28.666 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

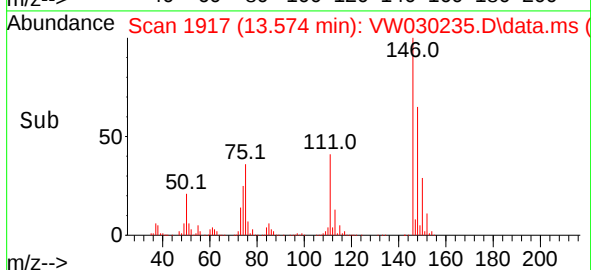
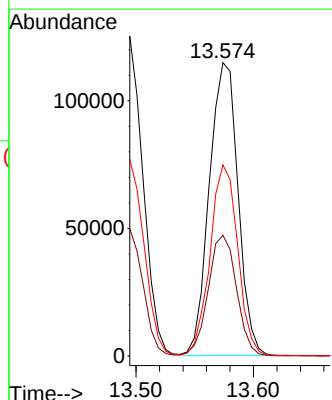
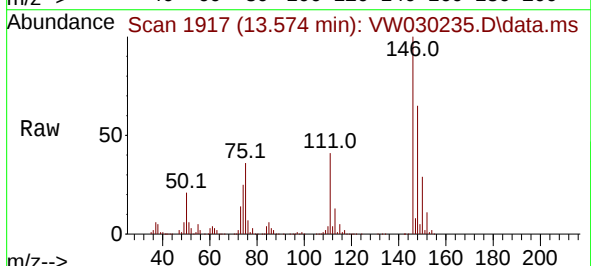
Tgt Ion:146 Resp: 195074

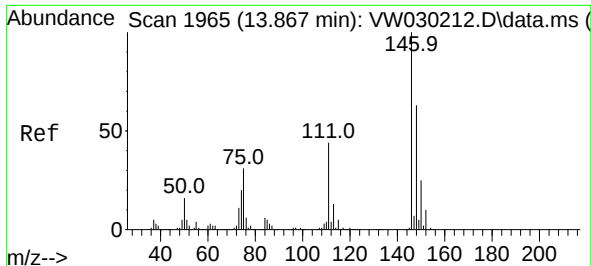
Ion Ratio Lower Upper

146 100

111 41.1 29.5 54.7

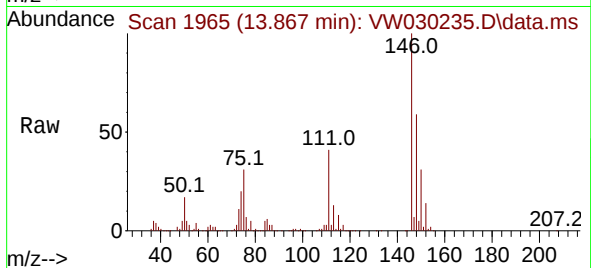
148 65.1 44.4 82.5



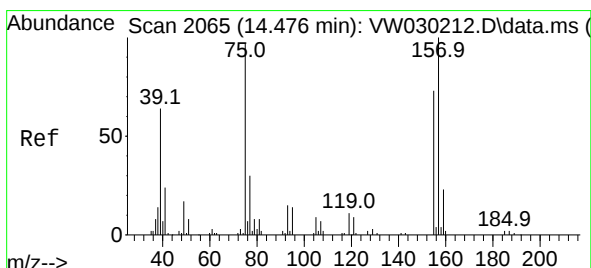
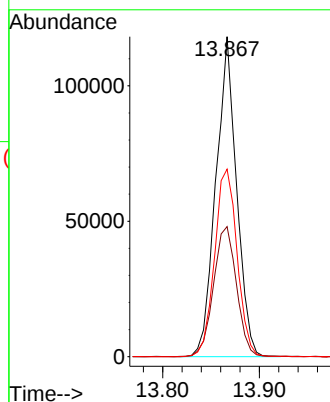
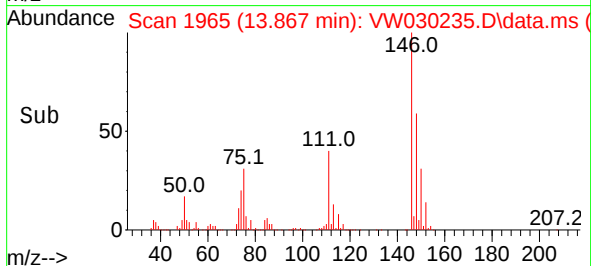


#67
1,2-Dichlorobenzene
Concen: 29.641 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38

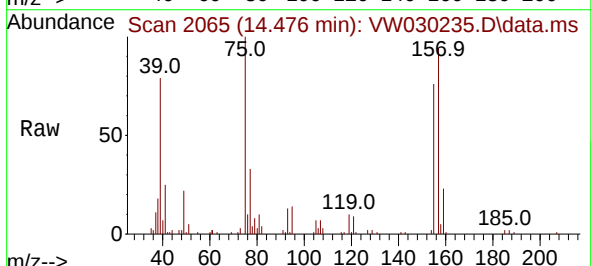
Instrument :
MSVOA_W
ClientSampleId :



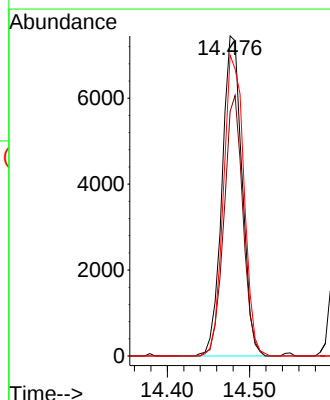
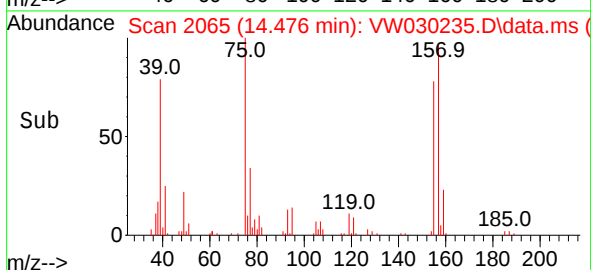
Tgt Ion:146 Resp: 175956
Ion Ratio Lower Upper
146 100
111 40.6 32.7 49.1
148 58.6 49.8 74.6

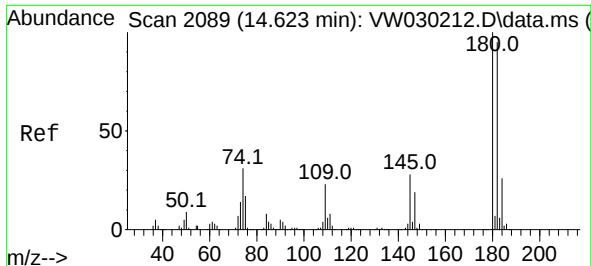


#68
1,2-Dibromo-3-chloropropane
Concen: 27.492 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW030235.D
Acq: 24 Sep 2024 19:38



Tgt Ion: 75 Resp: 12591
Ion Ratio Lower Upper
75 100
155 76.4 60.5 90.7
157 94.0 66.9 100.3





#69

1,3,5-Trichlorobenzene

Concen: 28.081 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

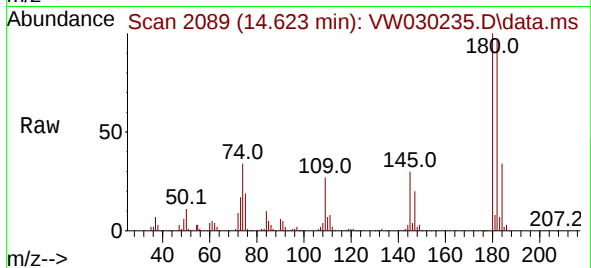
Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 129106

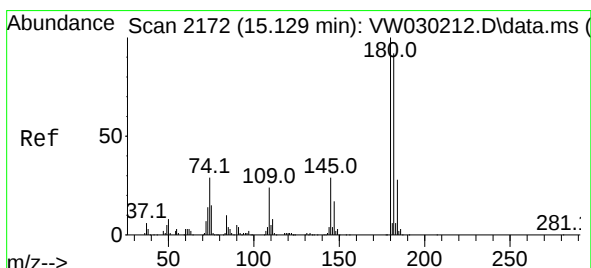
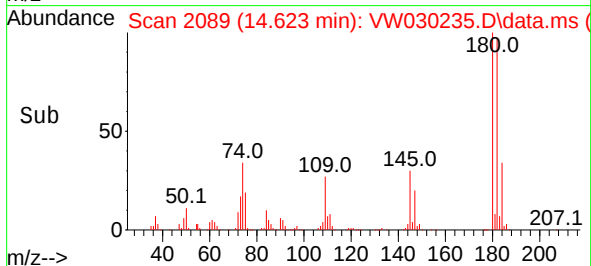
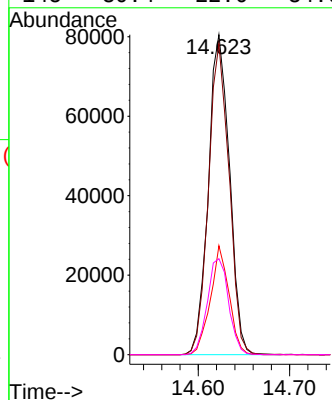
Ion Ratio Lower Upper

180 100

182 94.5 75.5 113.3

184 30.1 23.4 35.0

145 30.4 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 28.079 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

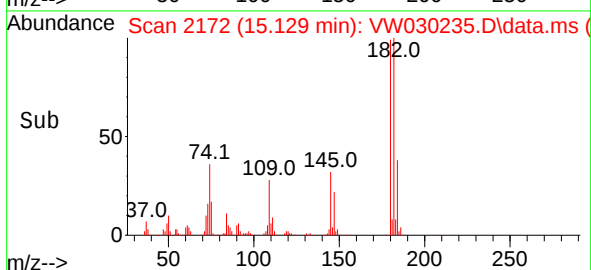
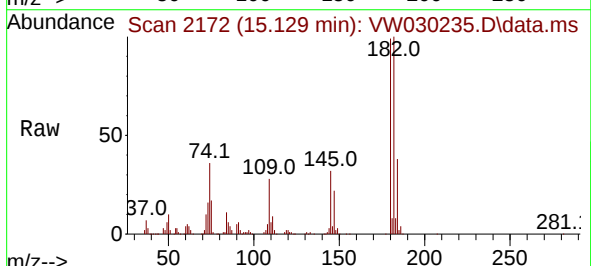
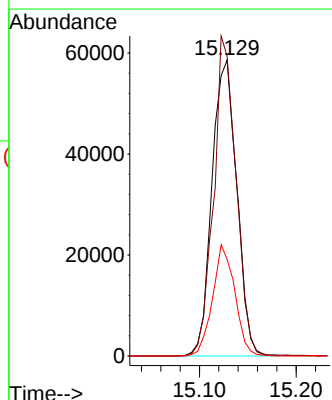
Tgt Ion:180 Resp: 104574

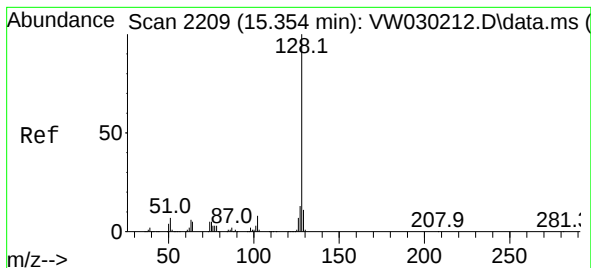
Ion Ratio Lower Upper

180 100

182 97.2 73.4 110.2

145 33.6 24.0 36.0





#71

Naphthalene

Concen: 32.485 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

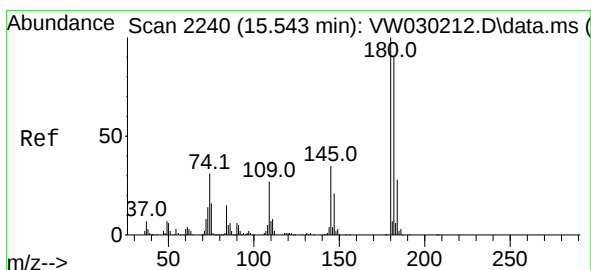
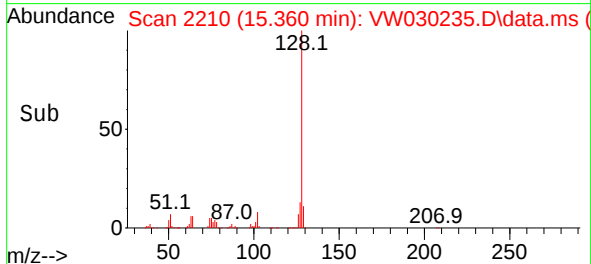
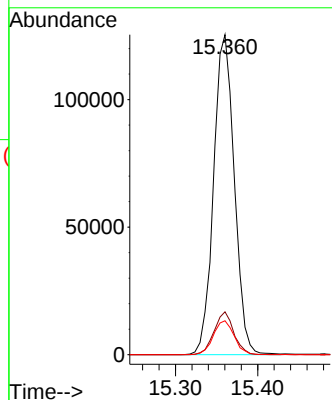
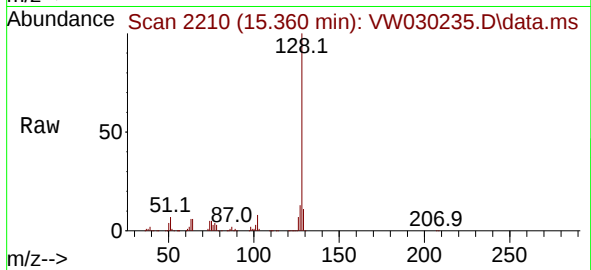
Tgt Ion:128 Resp: 219695

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.7 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 29.828 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW030235.D

Acq: 24 Sep 2024 19:38

Tgt Ion:180 Resp: 97414

Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 33.9 26.2 39.4

