

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
 Data File : VW030499.D
 Acq On : 10 Oct 2024 08:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 11 01:17:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:29:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	321950	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288149	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	152837	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	114987	22.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.880%
7) Chloroethane-d5	2.899	69	93496	24.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
11) 1,1-Dichloroethene-d2	4.015	65	47863	22.740	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.960%
21) 2-Butanone-d5	7.081	46	40342	44.297	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.600%
24) Chloroform-d	7.648	84	224412	24.374	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.480%
26) 1,2-Dichloroethane-d4	8.307	65	116354	24.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	8.276	84	426162	25.482	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.920%
36) 1,2-Dichloropropane-d6	9.270	67	121175	24.686	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.760%
41) Toluene-d8	10.319	98	398217	26.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.320%
43) trans-1,3-Dichloroprop...	10.575	79	51576	25.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.360%
47) 2-Hexanone-d5	10.922	63	31713	50.160	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90346	25.062	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	121248	23.446	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.800%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	91120	22.152	ug/L # 88
3) Chloromethane	2.223	50	128753	26.932	ug/L 100
5) Vinyl chloride	2.381	62	159314	27.098	ug/L 99
6) Bromomethane	2.789	94	103581	26.767	ug/L 99
8) Chloroethane	2.936	64	96722	26.912	ug/L 95
9) Trichlorofluoromethane	3.271	101	120749	22.953	ug/L 98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	118622	25.063	ug/L 97
12) 1,1-Dichloroethene	4.045	96	111944	25.916	ug/L 90
13) Acetone	4.125	43	68391	51.294	ug/L 97
14) Carbon disulfide	4.393	76	372583	26.414	ug/L 100
15) Methyl Acetate	4.673	43	41124	24.969	ug/L 98
16) Methylene chloride	4.923	84	117085	24.056	ug/L 98
17) trans-1,2-Dichloroethene	5.429	96	122327	26.245	ug/L 95
18) Methyl tert-butyl Ether	5.429	73	161512	24.759	ug/L 99
19) 1,1-Dichloroethane	6.216	63	230331	26.589	ug/L 98
20) cis-1,2-Dichloroethene	7.167	96	130379	26.226	ug/L 95
22) 2-Butanone	7.167	43	74113	51.567	ug/L 97
23) Bromochloromethane	7.514	128	56048	25.771	ug/L 91
25) Chloroform	7.679	83	241916	26.132	ug/L 100

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 Response via : Initial Calibration

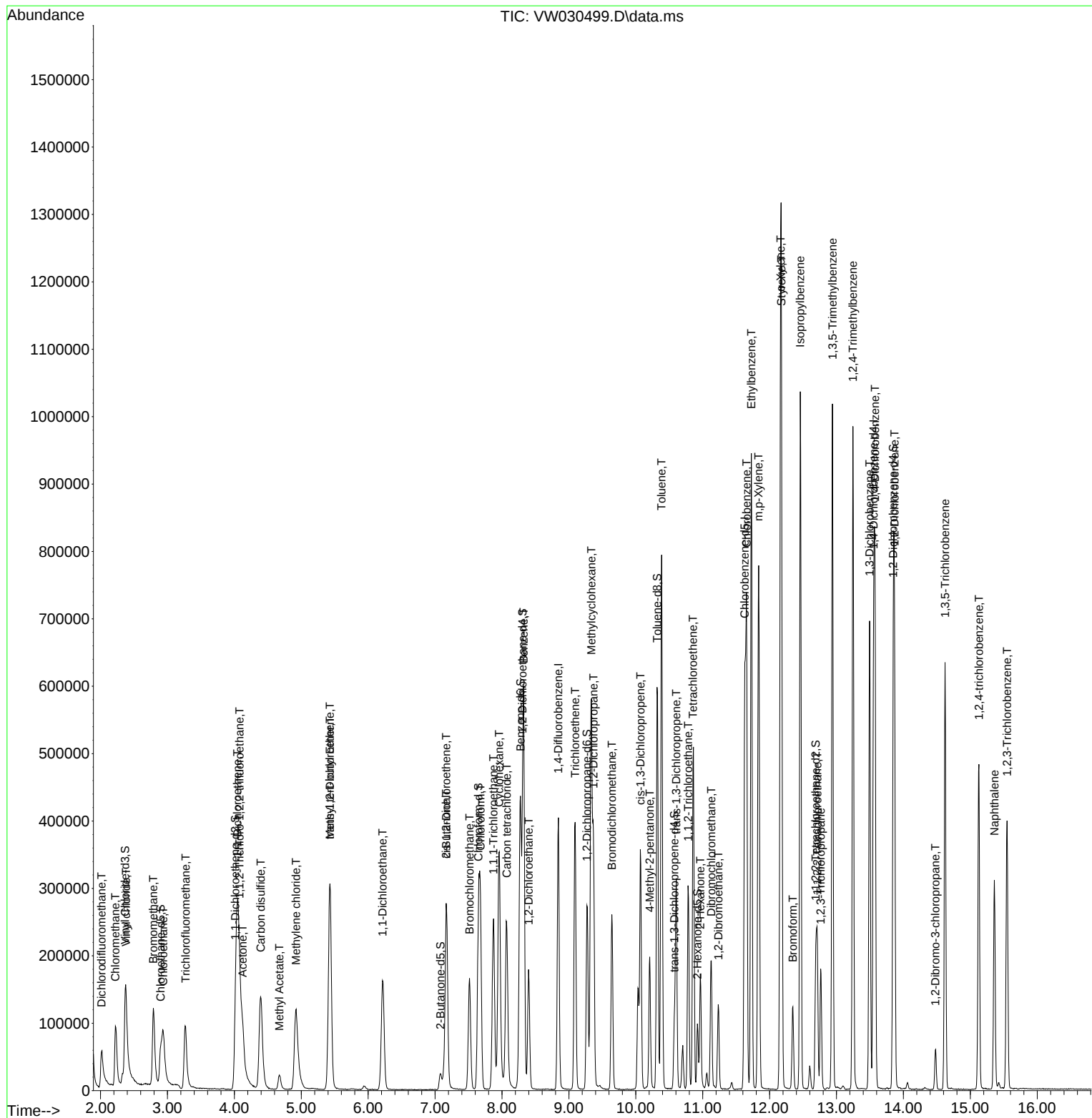
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	157505	25.790	ug/L	98
29) Cyclohexane	7.959	56	201948	28.791	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	200233	26.177	ug/L	99
31) Carbon tetrachloride	8.069	117	184855	27.058	ug/L	98
33) Benzene	8.325	78	510050	27.201	ug/L	100
34) Trichloroethene	9.093	95	137370	26.332	ug/L	98
35) Methylcyclohexane	9.337	83	232840	28.361	ug/L	99
37) 1,2-Dichloropropane	9.368	63	125329	26.761	ug/L	99
38) Bromodichloromethane	9.642	83	170057	27.292	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	193579	27.403	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	122661	54.519	ug/L	98
42) Toluene	10.386	91	555964	27.791	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	159306	26.837	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	88259	26.076	ug/L	97
46) Tetrachloroethene	10.855	164	105549	27.432	ug/L	98
48) 2-Hexanone	10.965	43	105685	57.441	ug/L	98
49) Dibromochloromethane	11.129	129	98386	26.051	ug/L	95
50) 1,2-Dibromoethane	11.233	107	82979	26.273	ug/L	97
51) Chlorobenzene	11.654	112	341341	26.506	ug/L	97
52) Ethylbenzene	11.727	91	638105	27.954	ug/L	98
53) m,p-Xylene	11.837	106	236034	27.600	ug/L	97
54) o-Xylene	12.166	106	221792	28.053	ug/L	88
55) Styrene	12.178	104	384713	28.463	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	99430	26.050	ug/L	97
59) Bromoform	12.349	173	51654	24.055	ug/L	98
60) Isopropylbenzene	12.458	105	623927	26.361	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	70176	23.596	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	506545	27.127	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	508520	27.814	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	265406	25.761	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	261448	24.577	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	228151	25.166	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	15126	22.810	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	175775	25.873	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	144656	26.449	ug/L	100
71) Naphthalene	15.360	128	248659	26.316	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	119685	25.243	ug/L	94

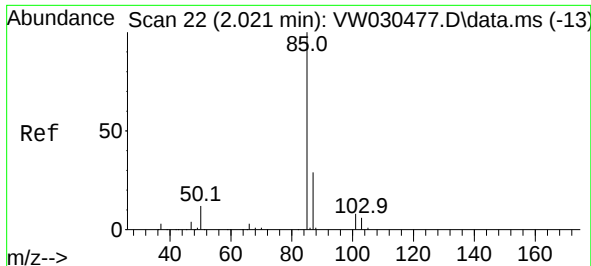
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW030499.D
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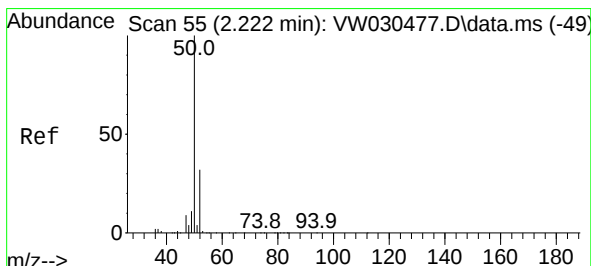
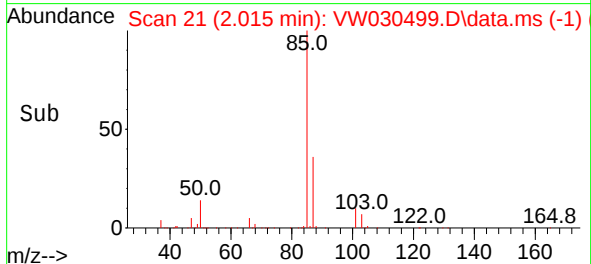
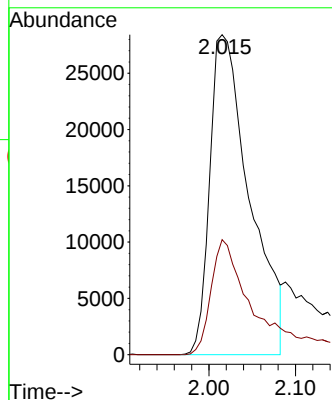
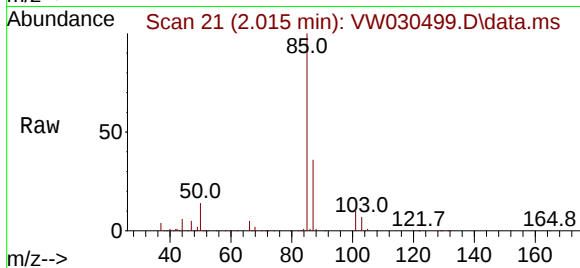




#2
Dichlorodifluoromethane
Concen: 22.152 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

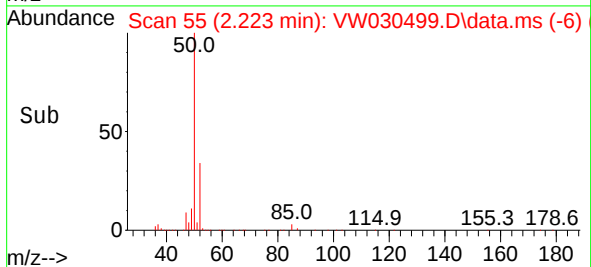
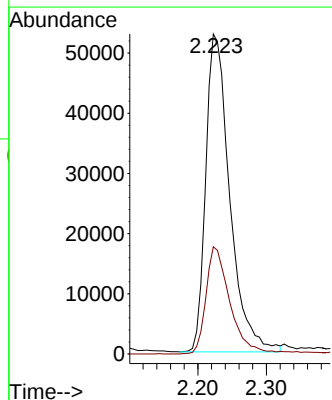
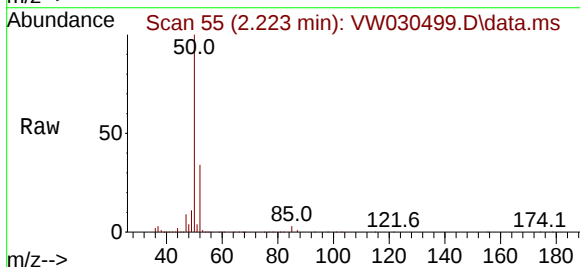
Instrument :
MSVOA_W
ClientSampleId :

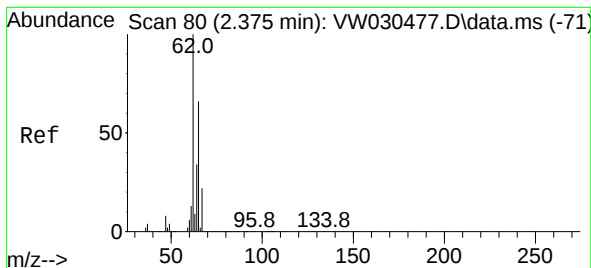
Tgt Ion: 85 Resp: 91120
Ion Ratio Lower Upper
85 100
87 35.9 23.8 35.6#



#3
Chloromethane
Concen: 26.932 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

Tgt Ion: 50 Resp: 128753
Ion Ratio Lower Upper
50 100
52 33.5 23.7 43.9





#5

Vinyl chloride

Concen: 27.098 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

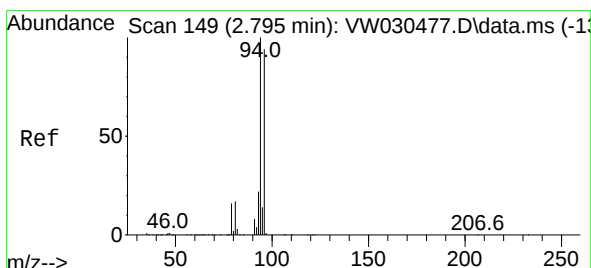
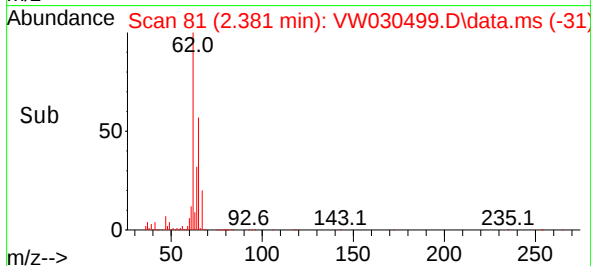
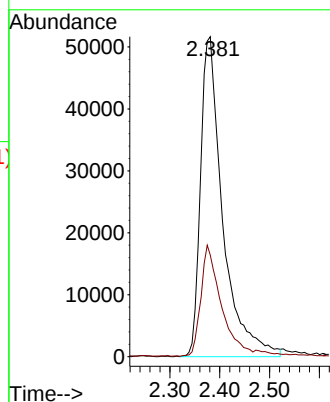
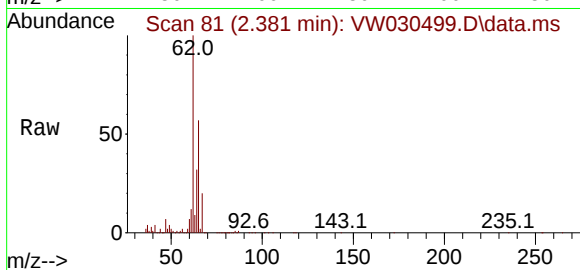
ClientSampleId :

Tgt Ion: 62 Resp: 159314

Ion Ratio Lower Upper

62 100

64 31.8 22.6 42.0



#6

Bromomethane

Concen: 26.767 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW030499.D

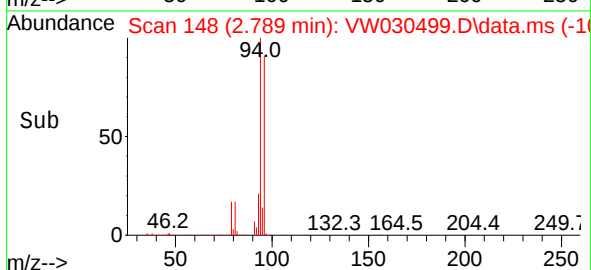
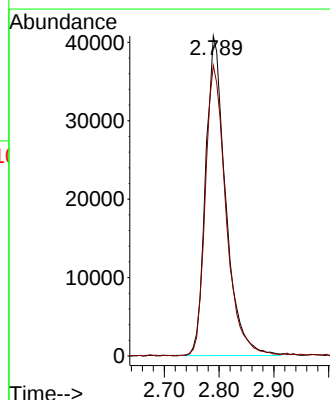
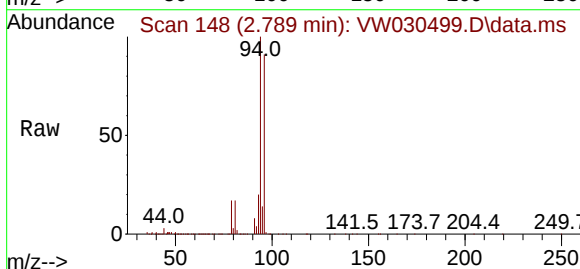
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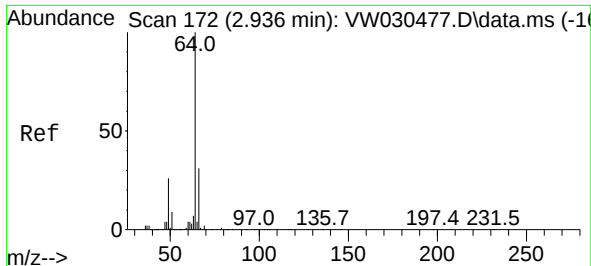
Tgt Ion: 94 Resp: 103581

Ion Ratio Lower Upper

94 100

96 90.8 62.6 116.2

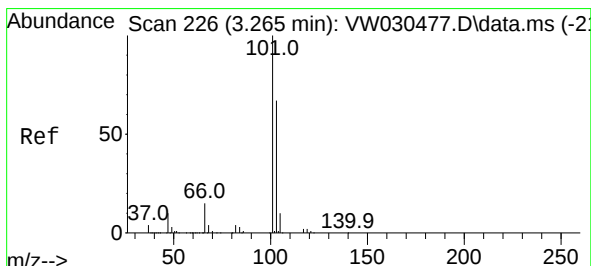
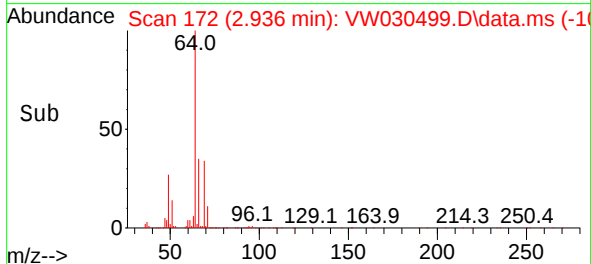
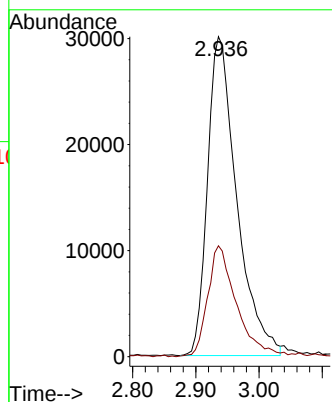
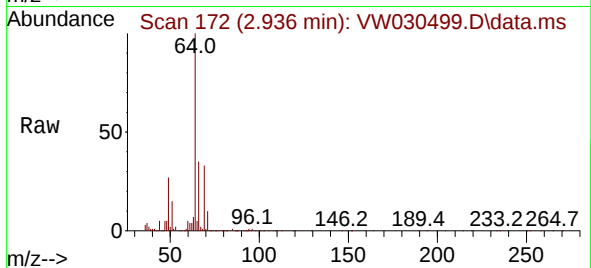




#8
Chloroethane
Concen: 26.912 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

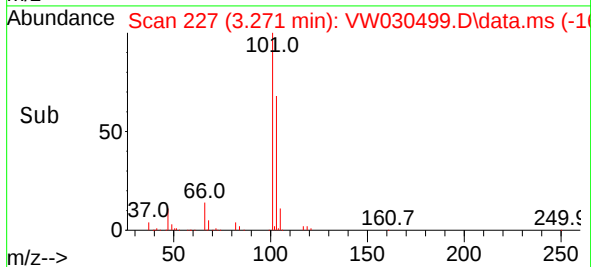
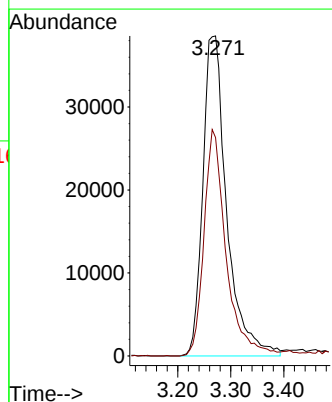
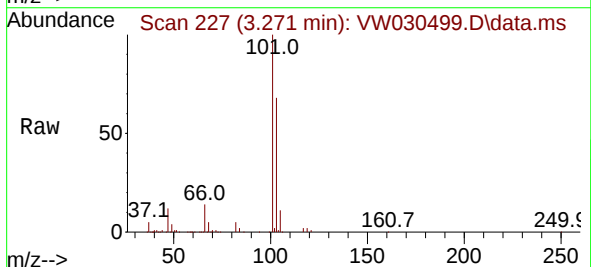
Instrument :
MSVOA_W
ClientSampleId :

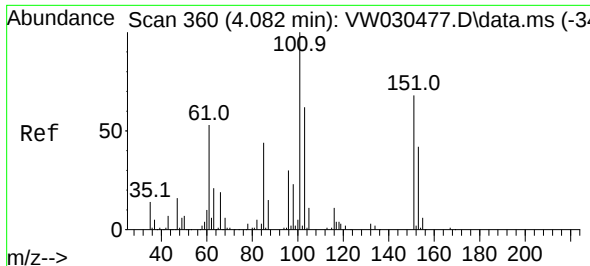
Tgt Ion: 64 Resp: 96722
Ion Ratio Lower Upper
64 100
66 34.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.953 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

Tgt Ion:101 Resp: 120749
Ion Ratio Lower Upper
101 100
103 65.2 51.1 76.7





#10

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

Concen: 25.063 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

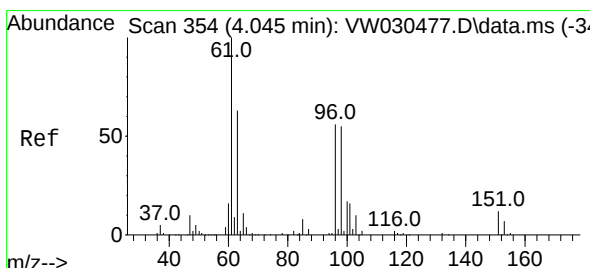
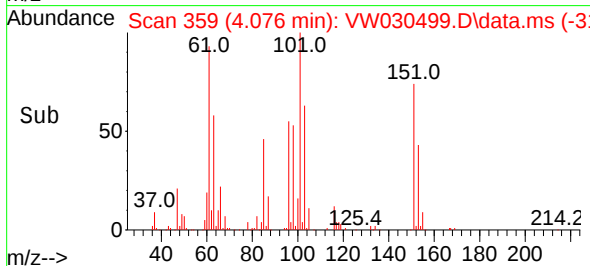
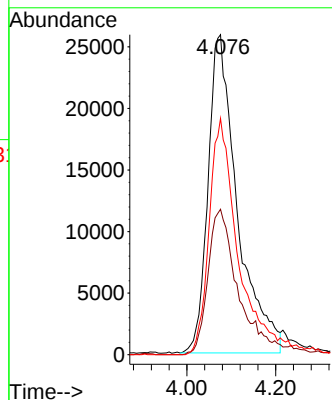
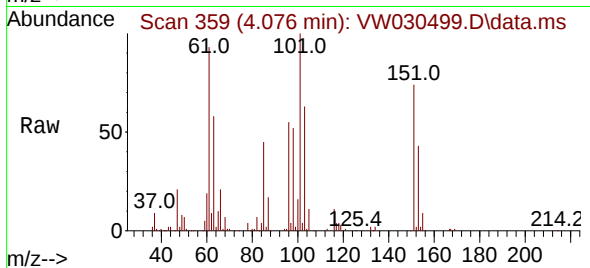
Tgt Ion:101 Resp: 118622

Ion Ratio Lower Upper

101 100

85 41.7 35.7 53.5

151 71.3 56.1 84.1



#12

1,1-Dichloroethene

Concen: 25.916 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

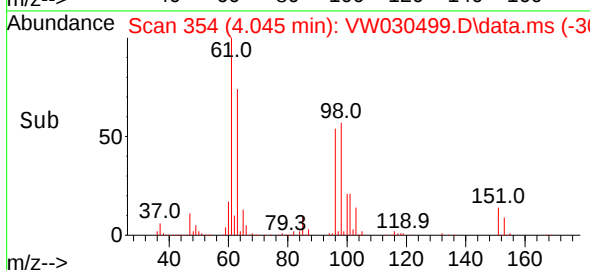
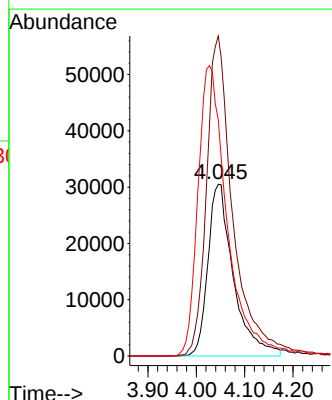
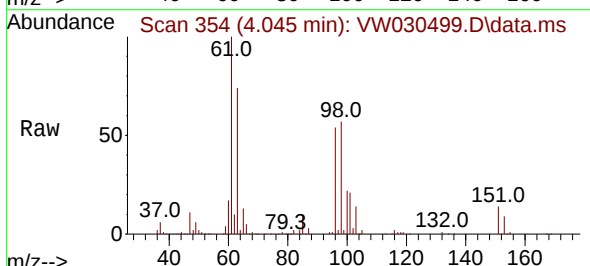
Tgt Ion: 96 Resp: 111944

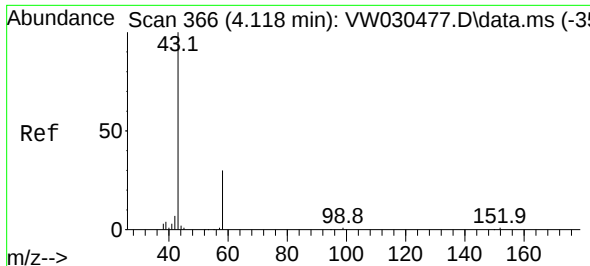
Ion Ratio Lower Upper

96 100

61 186.4 121.3 225.3

63 137.5 87.6 162.8

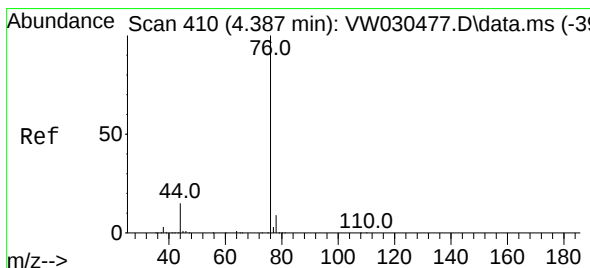
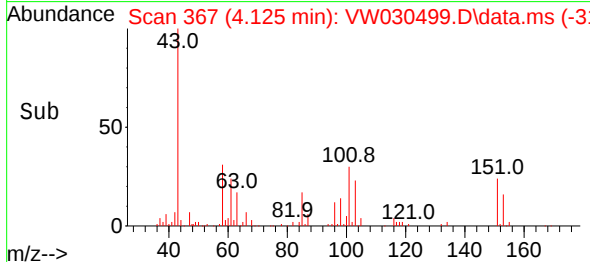
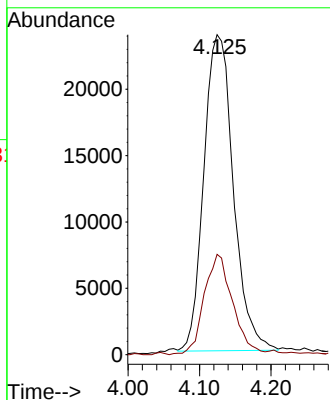
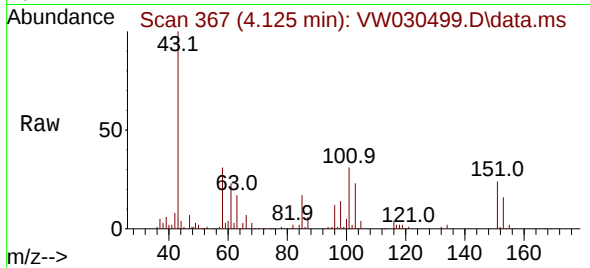




#13
Acetone
Concen: 51.294 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

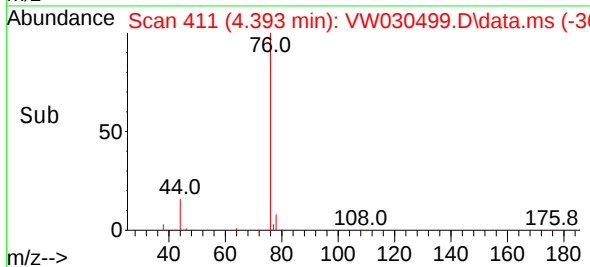
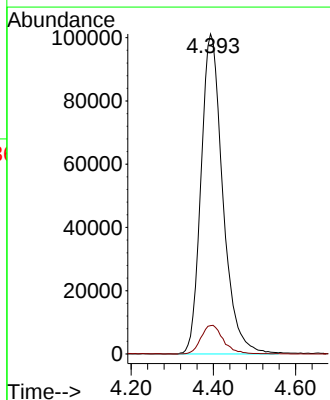
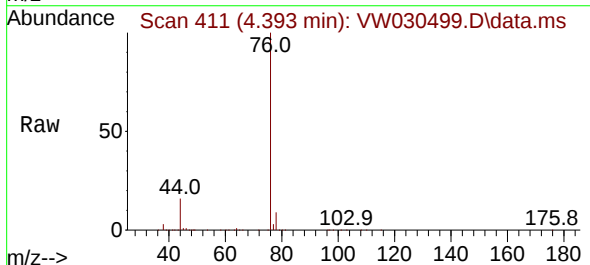
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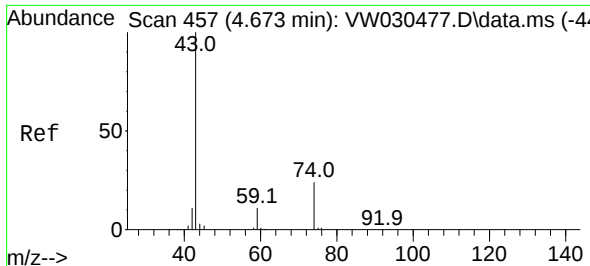
Tgt Ion: 43 Resp: 68391
Ion Ratio Lower Upper
43 100
58 30.4 0.0 57.6



#14
Carbon disulfide
Concen: 26.414 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

Tgt Ion: 76 Resp: 372583
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7





#15

Methyl Acetate

Concen: 24.969 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

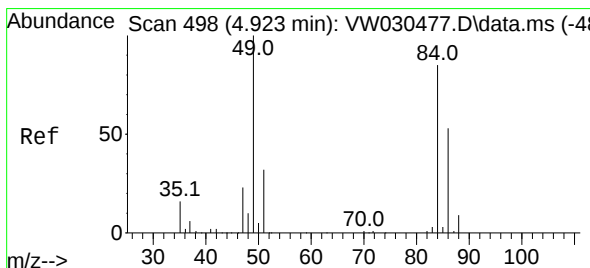
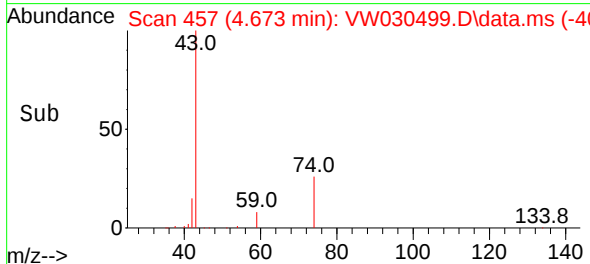
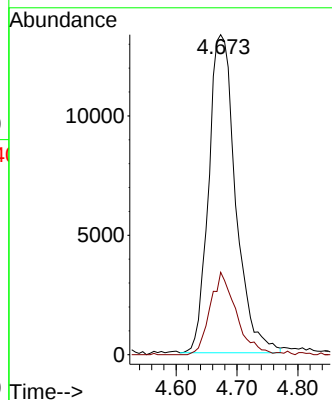
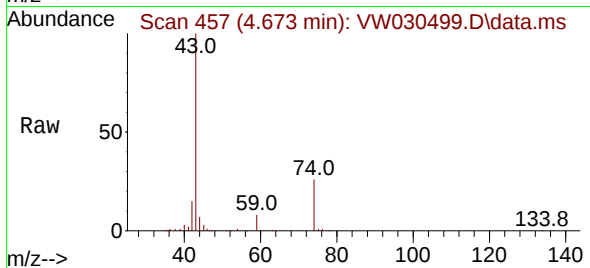
ClientSampleId :

Tgt Ion: 43 Resp: 41124

Ion Ratio Lower Upper

43 100

74 24.9 19.3 28.9



#16

Methylene chloride

Concen: 24.056 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

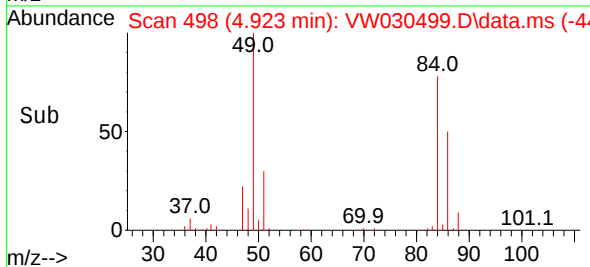
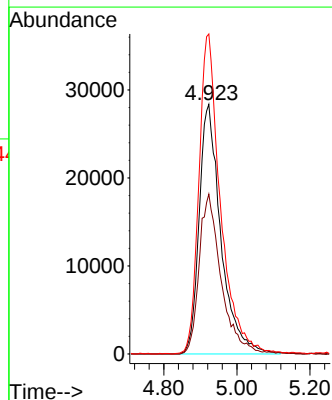
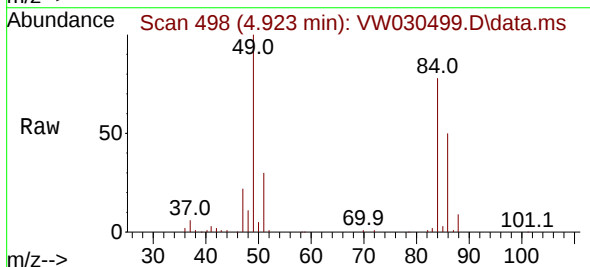
Tgt Ion: 84 Resp: 117085

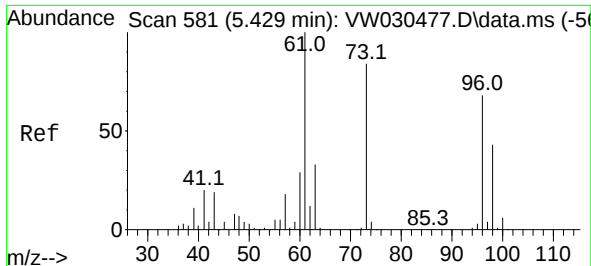
Ion Ratio Lower Upper

84 100

86 64.0 43.8 81.3

49 128.2 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 26.245 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

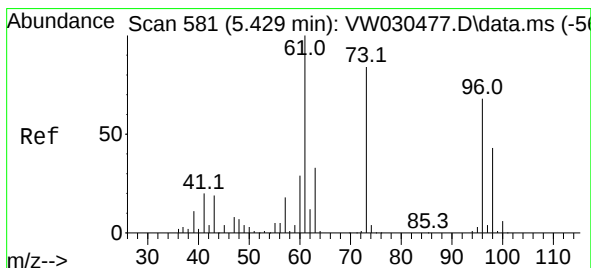
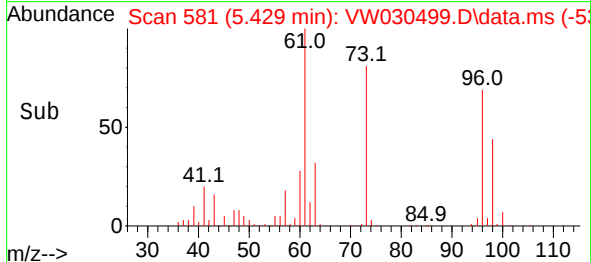
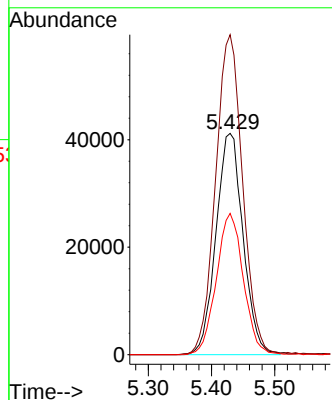
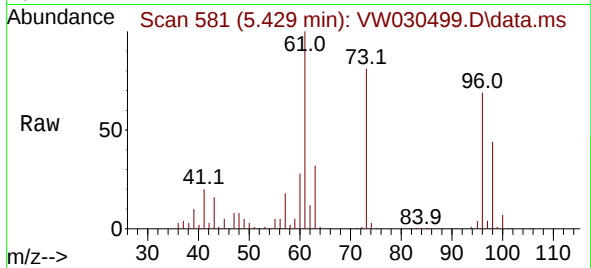
Tgt Ion: 96 Resp: 122327

Ion Ratio Lower Upper

96 100

61 144.6 96.9 179.9

98 63.8 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 24.759 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

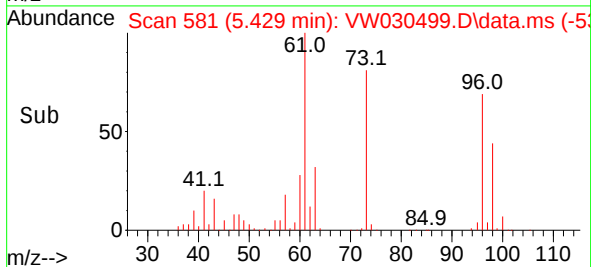
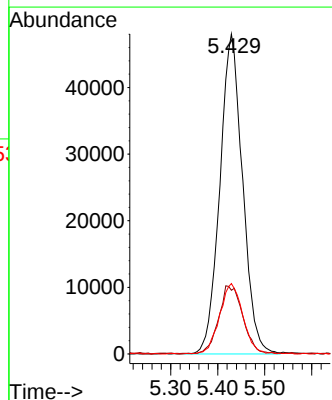
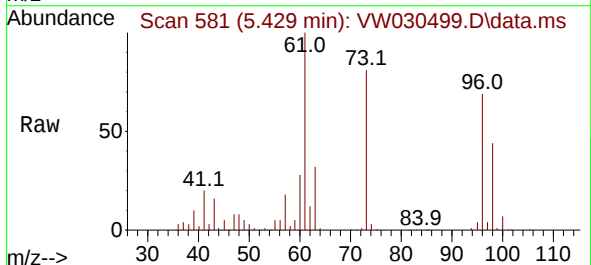
Tgt Ion: 73 Resp: 161512

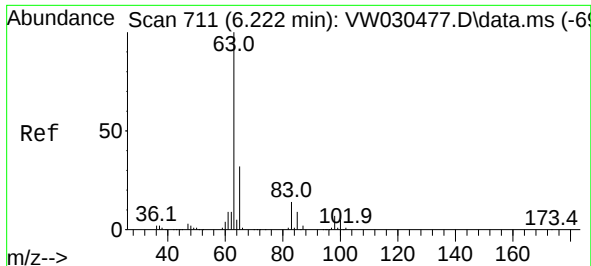
Ion Ratio Lower Upper

73 100

43 22.3 18.1 27.1

57 22.4 17.7 26.5





#19

1,1-Dichloroethane

Concen: 26.589 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

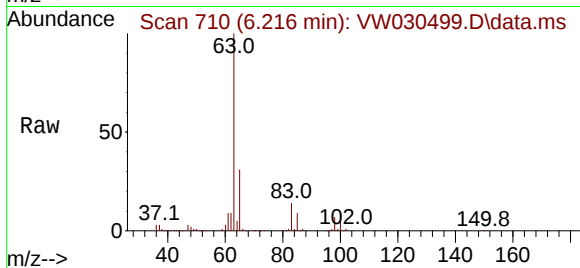
Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :



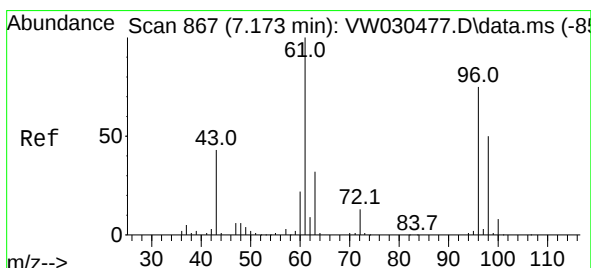
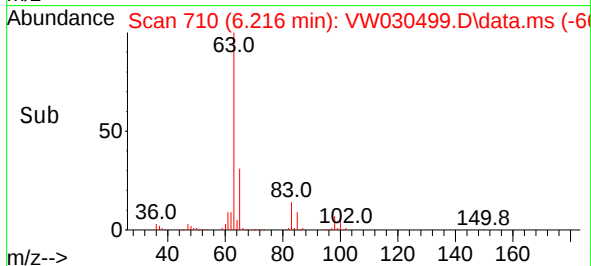
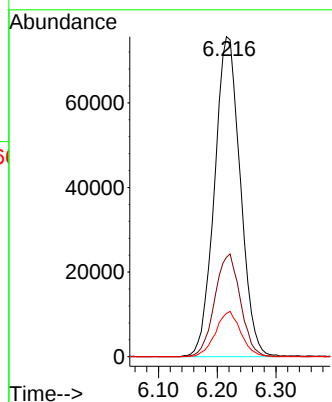
Tgt Ion: 63 Resp: 230331

Ion Ratio Lower Upper

63 100

65 31.0 22.5 41.9

83 13.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 26.226 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

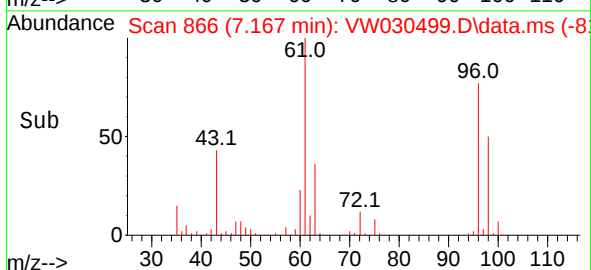
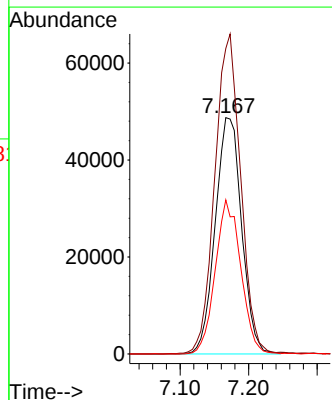
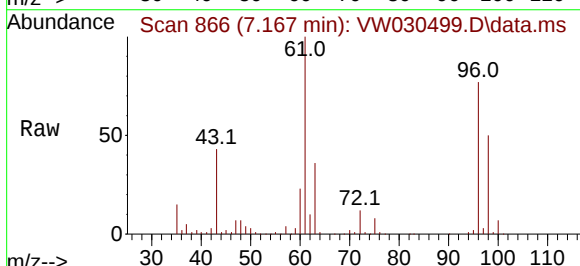
Tgt Ion: 96 Resp: 130379

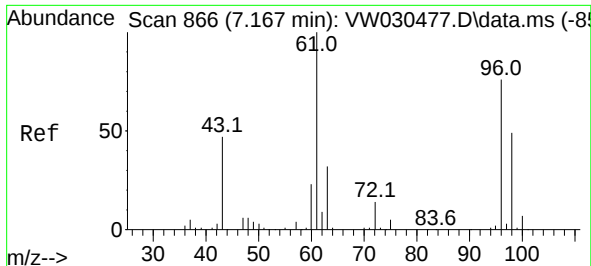
Ion Ratio Lower Upper

96 100

61 129.3 88.3 163.9

98 65.2 41.3 76.7





#22

2-Butanone

Concen: 51.567 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

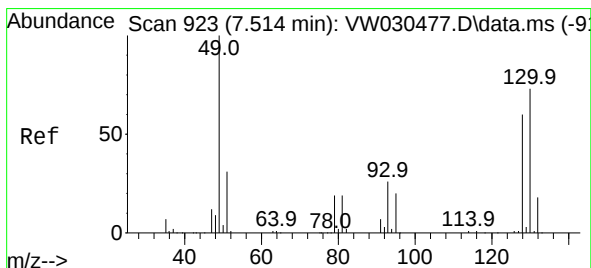
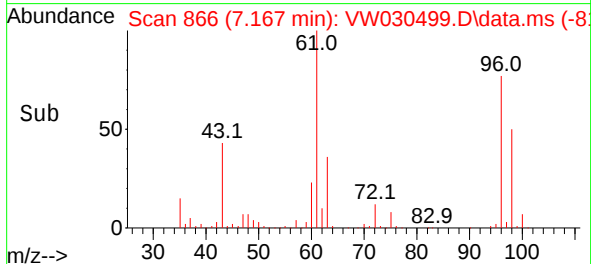
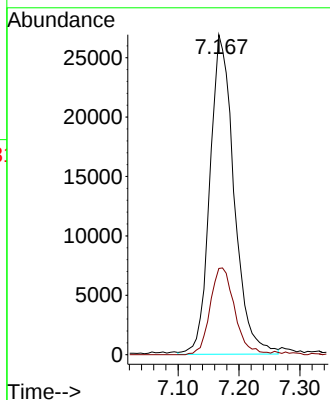
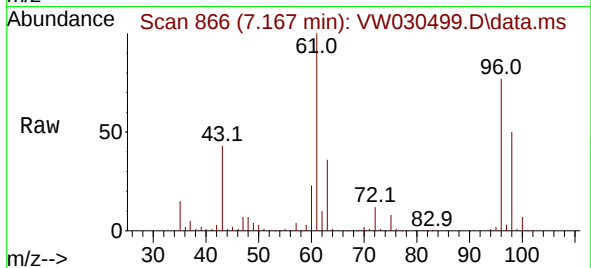
ClientSampleId :

Tgt Ion: 43 Resp: 74113

Ion Ratio Lower Upper

43 100

72 27.4 14.4 43.0



#23

Bromochloromethane

Concen: 25.771 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Tgt Ion: 128 Resp: 56048

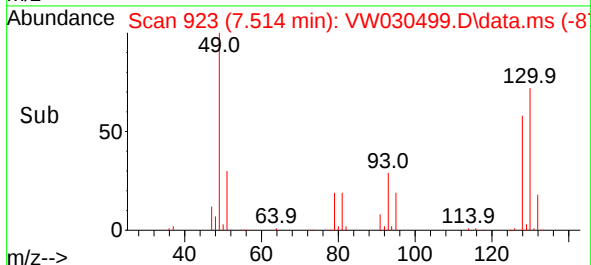
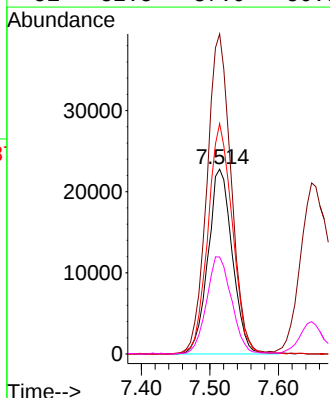
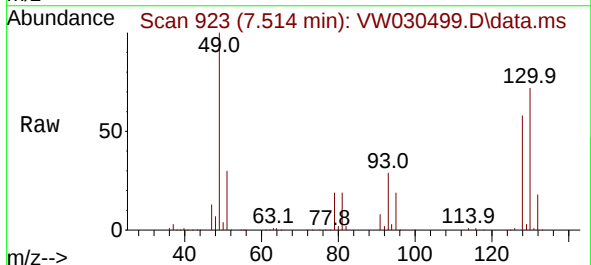
Ion Ratio Lower Upper

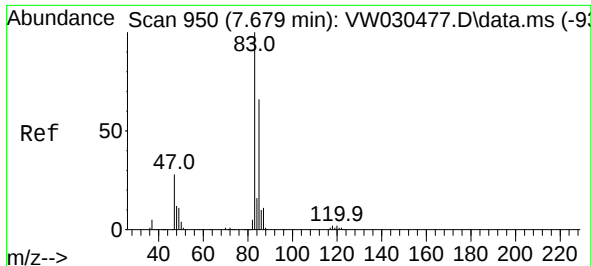
128 100

49 173.2 110.1 204.5

130 124.7 82.9 153.9

51 52.5 37.9 56.9





#25

Chloroform

Concen: 26.132 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

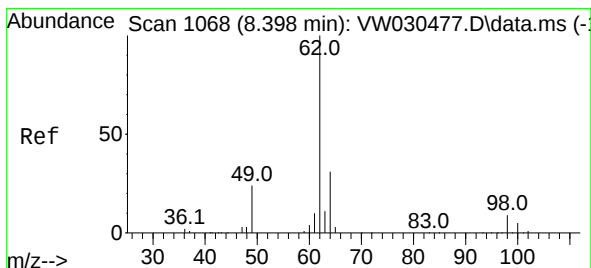
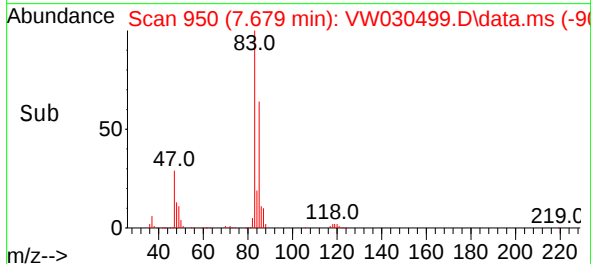
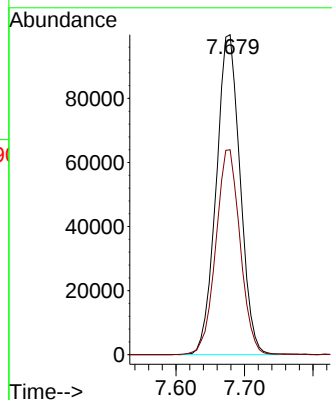
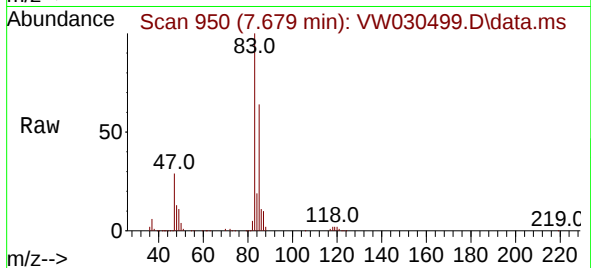
ClientSampleId :

Tgt Ion: 83 Resp: 241916

Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 25.790 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030499.D

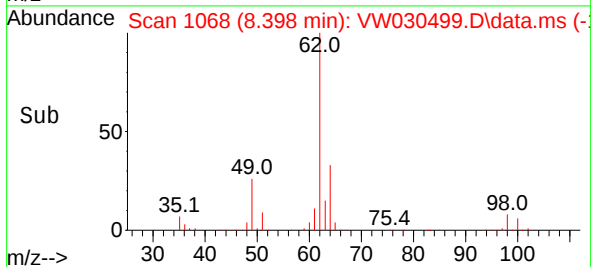
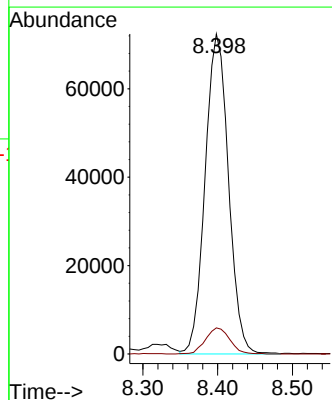
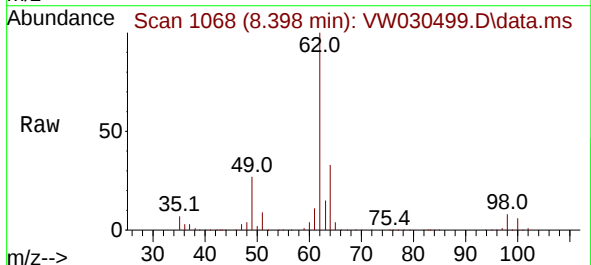
Acq: 10 Oct 2024 08:33

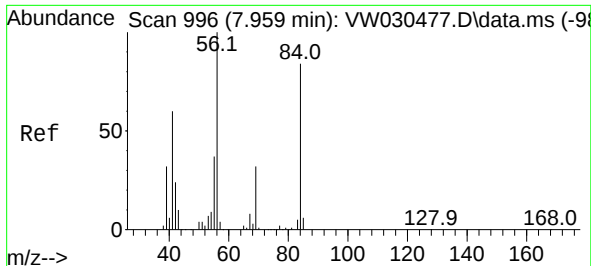
Tgt Ion: 62 Resp: 157505

Ion Ratio Lower Upper

62 100

98 8.2 7.0 10.6

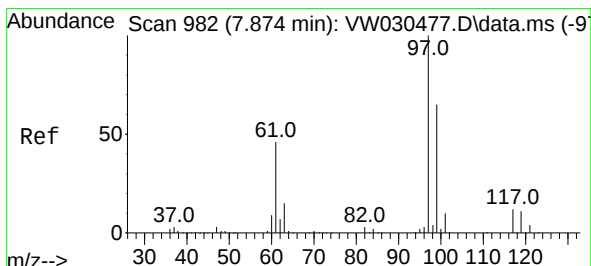
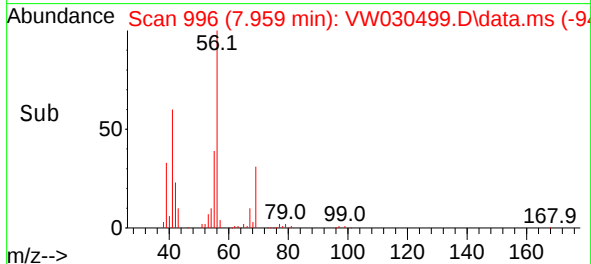
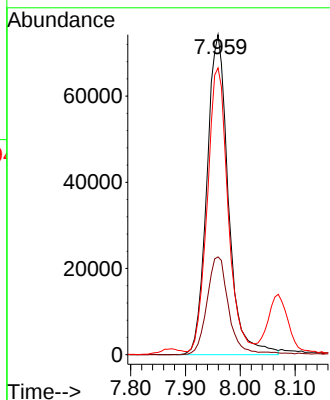
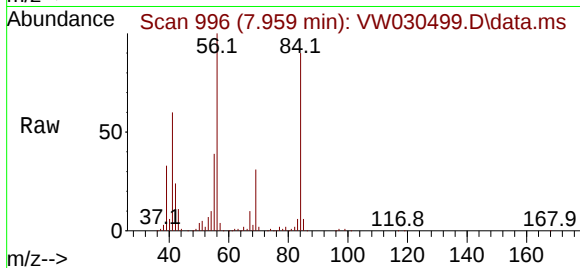




#29
Cyclohexane
Concen: 28.791 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

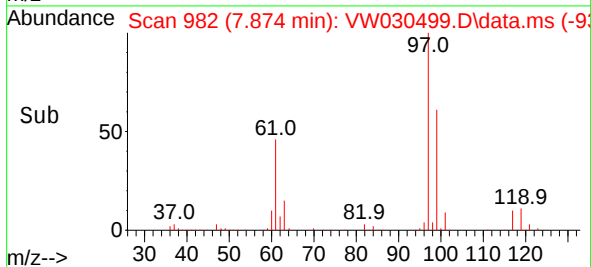
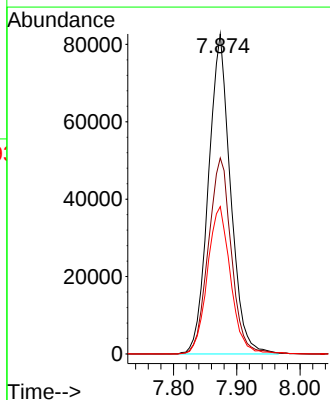
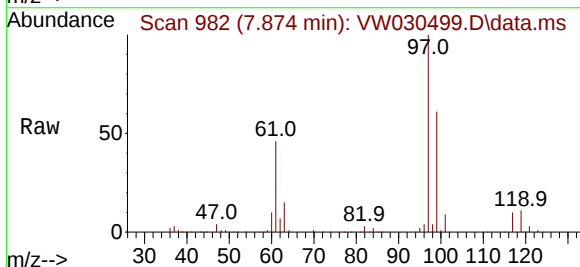
Instrument :
MSVOA_W
ClientSampleId :

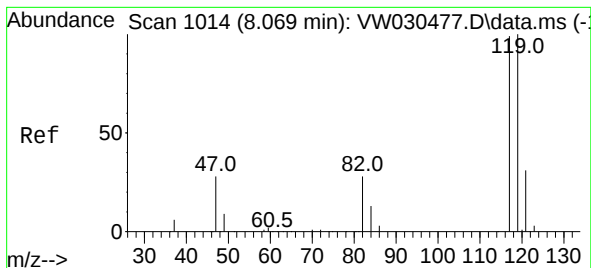
Tgt Ion: 56 Resp: 201948
Ion Ratio Lower Upper
56 100
69 30.3 25.4 38.0
84 86.8 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 26.177 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

Tgt Ion: 97 Resp: 200233
Ion Ratio Lower Upper
97 100
99 63.9 52.3 78.5
61 48.2 38.5 57.7





#31

Carbon tetrachloride

Concen: 27.058 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

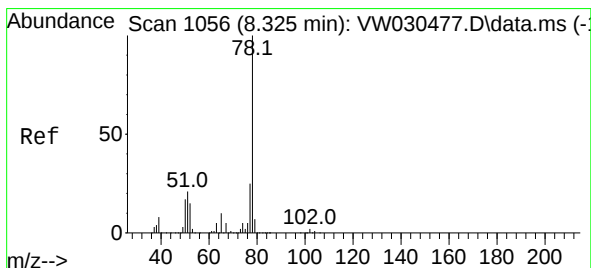
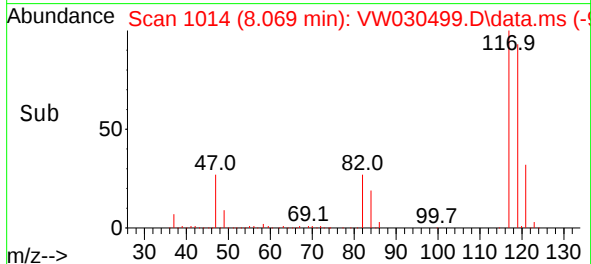
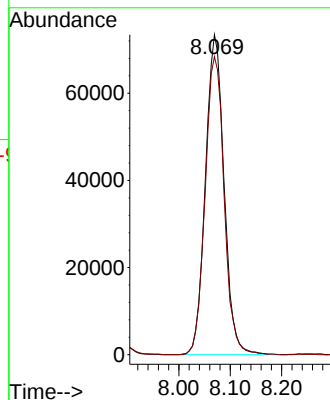
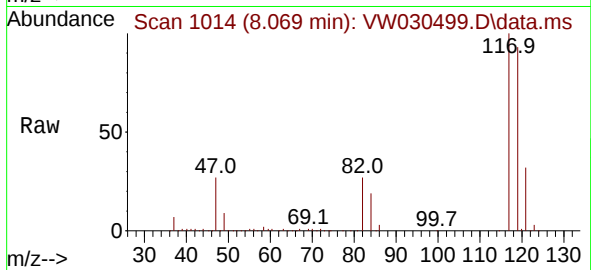
ClientSampleId :

Tgt Ion:117 Resp: 184855

Ion Ratio Lower Upper

117 100

119 95.1 77.8 116.8



#33

Benzene

Concen: 27.201 ug/L

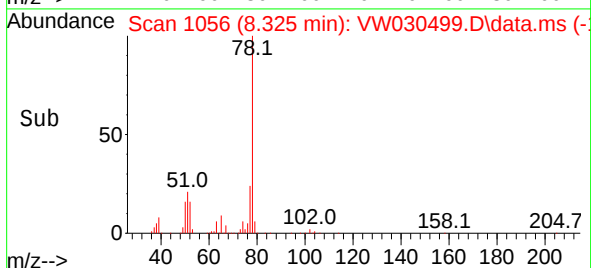
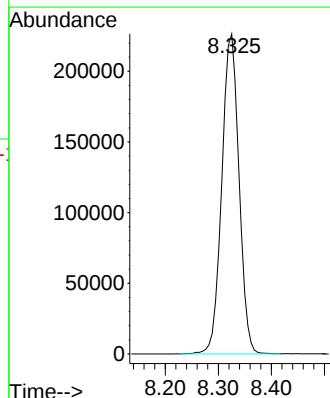
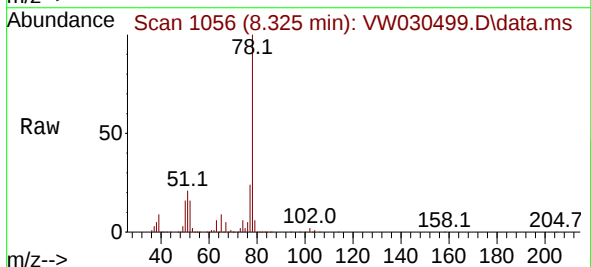
RT: 8.325 min Scan# 1056

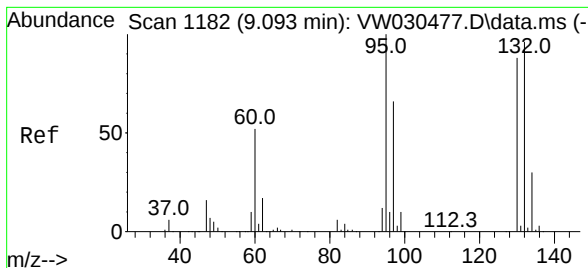
Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Tgt Ion: 78 Resp: 510050





#34

Trichloroethene

Concen: 26.332 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 137370

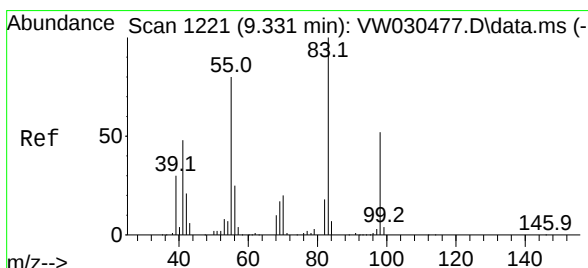
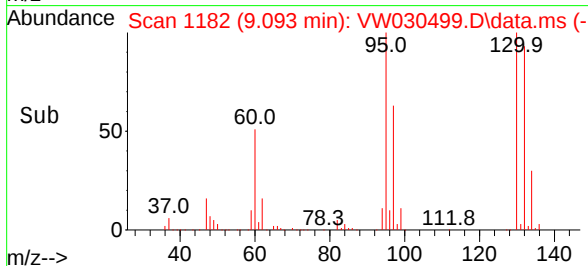
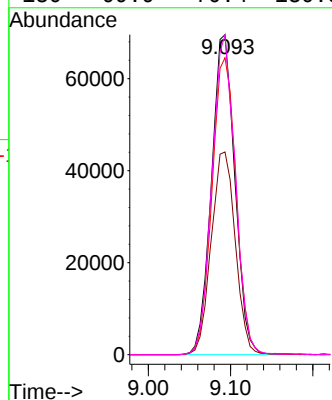
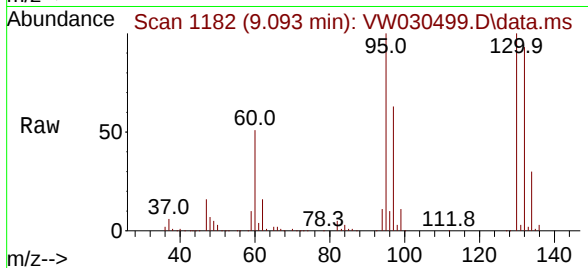
Ion Ratio Lower Upper

95 100

97 63.4 45.9 85.3

132 92.8 66.4 123.2

130 99.9 70.4 130.8



#35

Methylcyclohexane

Concen: 28.361 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

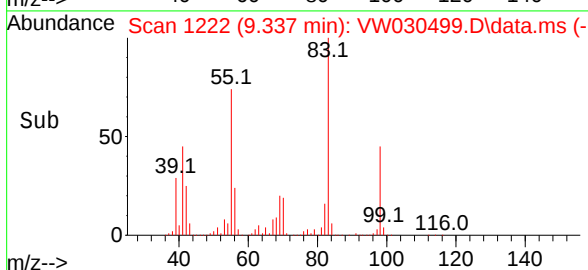
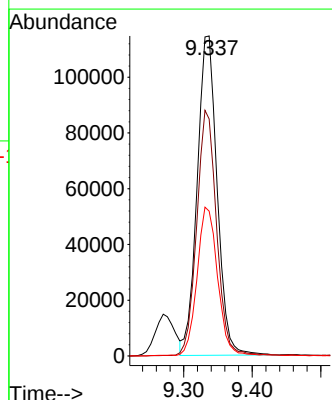
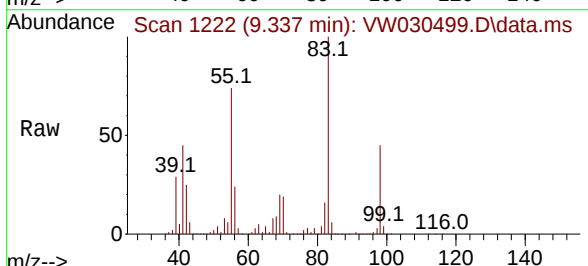
Tgt Ion: 83 Resp: 232840

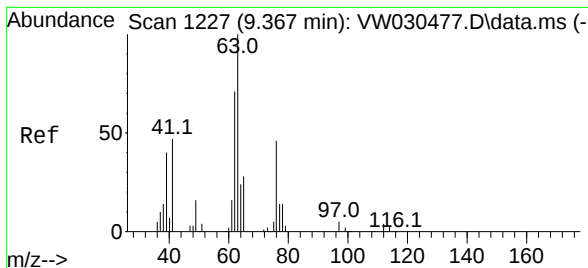
Ion Ratio Lower Upper

83 100

55 76.6 61.8 92.8

98 48.1 39.3 58.9





#37

1,2-Dichloropropane

Concen: 26.761 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

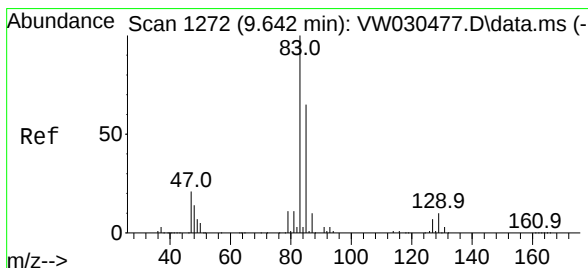
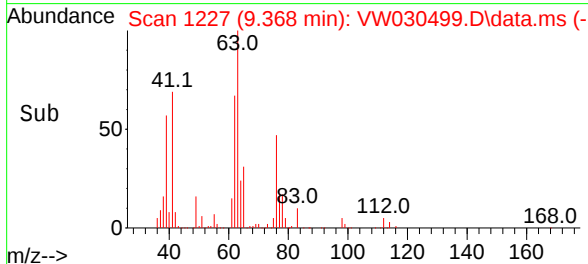
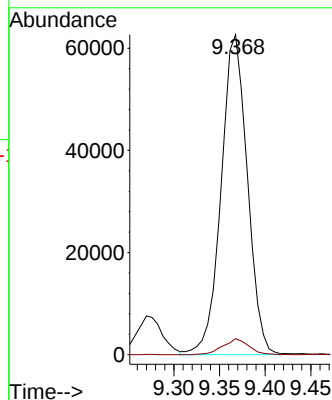
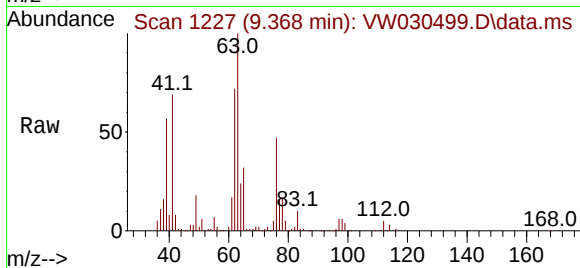
ClientSampleId :

Tgt Ion: 63 Resp: 125329

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#38

Bromodichloromethane

Concen: 27.292 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

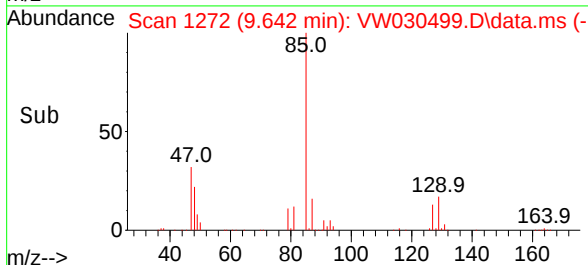
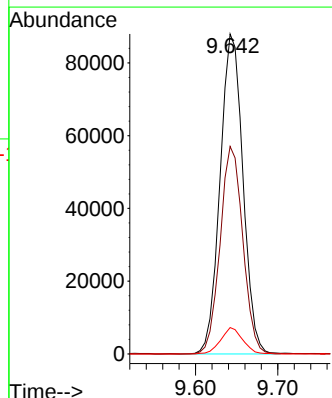
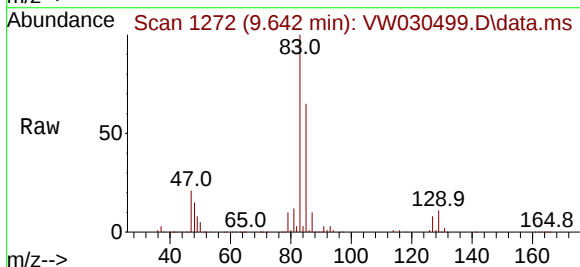
Tgt Ion: 83 Resp: 170057

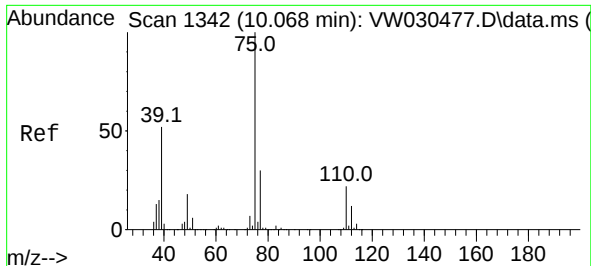
Ion Ratio Lower Upper

83 100

85 64.9 44.2 82.0

127 8.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 27.403 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

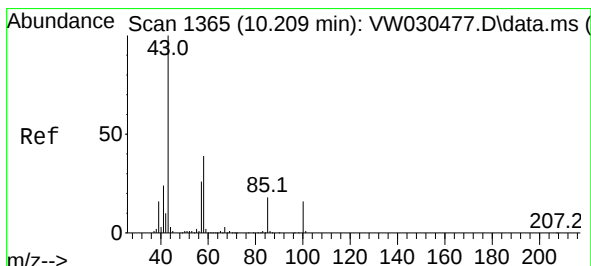
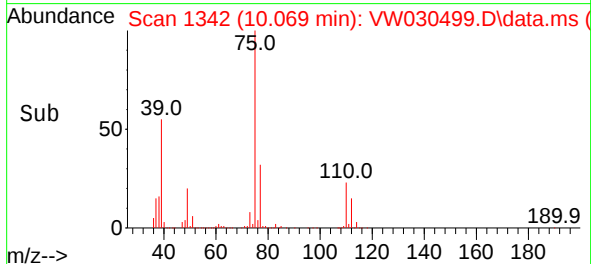
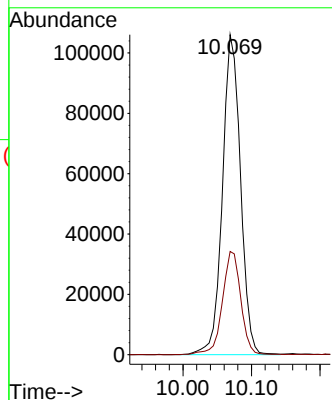
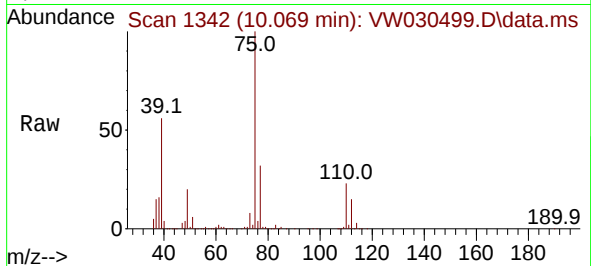
ClientSampleId :

Tgt Ion: 75 Resp: 193579

Ion Ratio Lower Upper

75 100

77 32.3 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 54.519 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

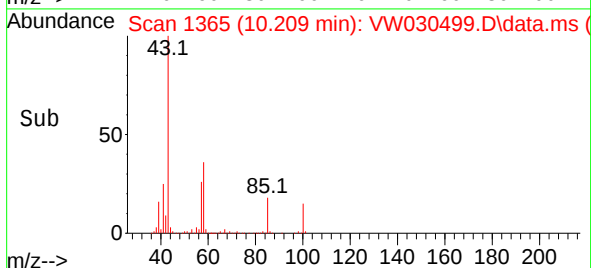
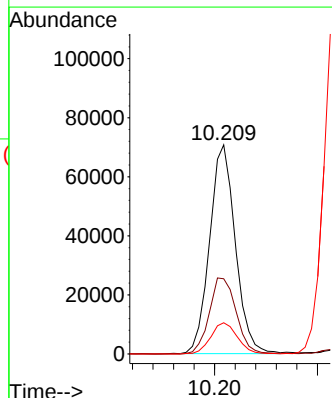
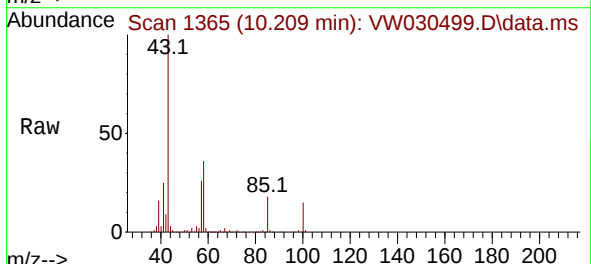
Tgt Ion: 43 Resp: 122661

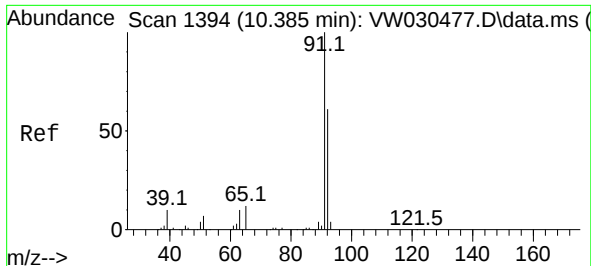
Ion Ratio Lower Upper

43 100

58 38.1 31.4 47.2

100 15.6 13.1 19.7





#42

Toluene

Concen: 27.791 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

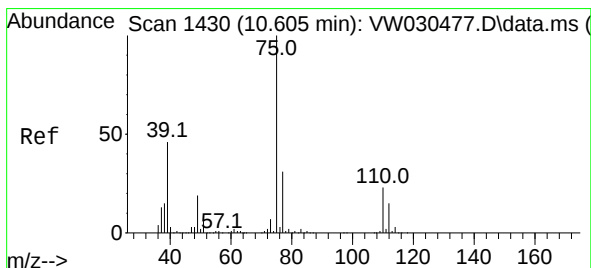
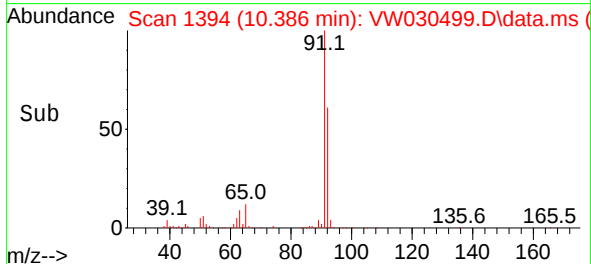
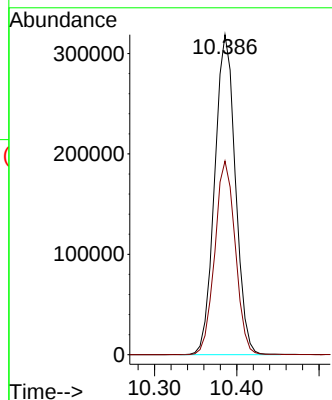
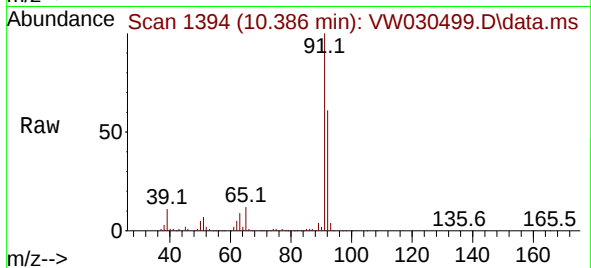
ClientSampleId :

Tgt Ion: 91 Resp: 555964

Ion Ratio Lower Upper

91 100

92 60.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 26.837 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030499.D

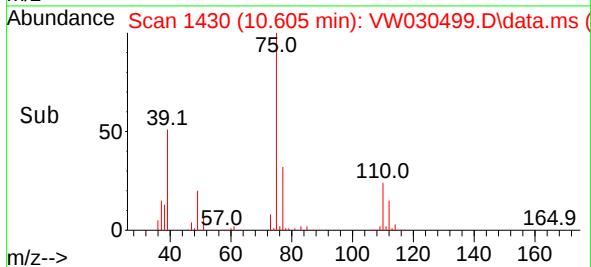
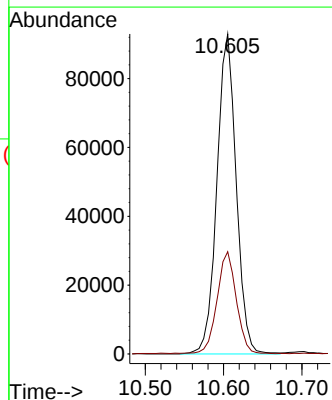
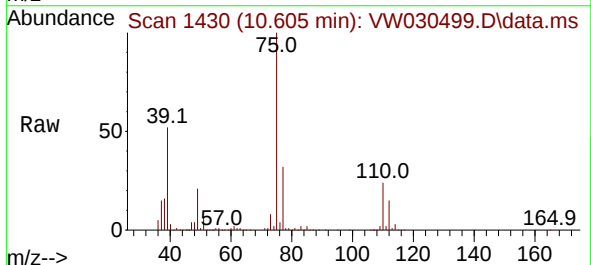
Acq: 10 Oct 2024 08:33

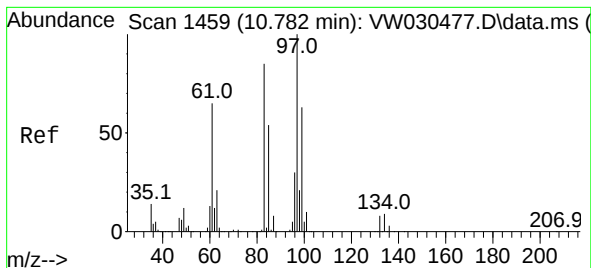
Tgt Ion: 75 Resp: 159306

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 26.076 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 88259

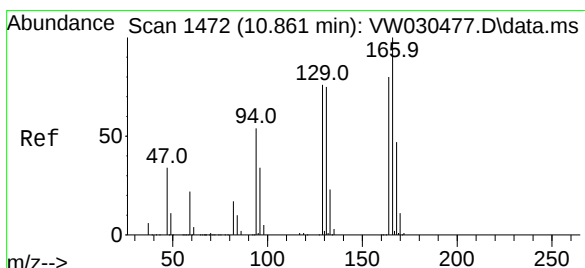
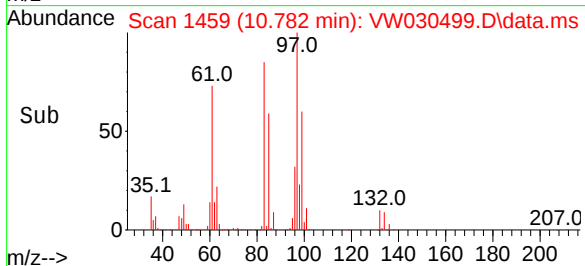
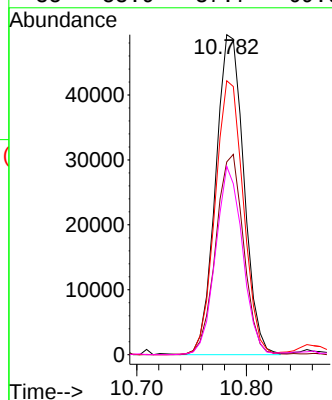
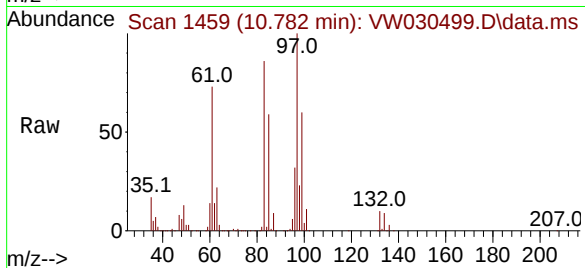
Ion Ratio Lower Upper

97 100

99 60.2 41.2 76.6

83 85.6 59.6 110.6

85 58.9 37.7 69.9



#46

Tetrachloroethene

Concen: 27.432 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Tgt Ion:164 Resp: 105549

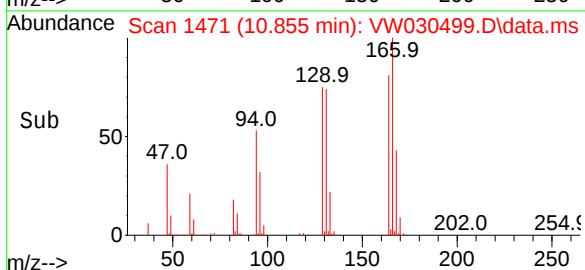
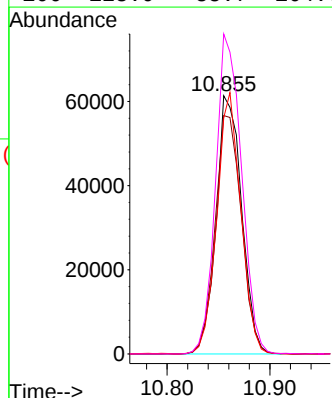
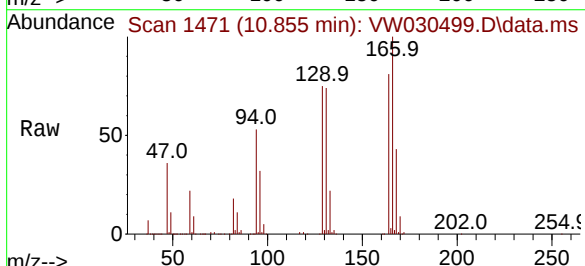
Ion Ratio Lower Upper

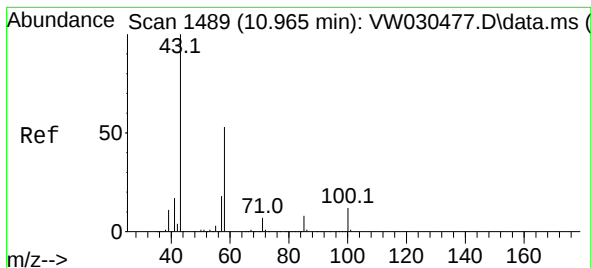
164 100

129 92.3 66.6 123.6

131 91.4 63.7 118.3

166 123.9 88.7 164.7





#48

2-Hexanone

Concen: 57.441 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

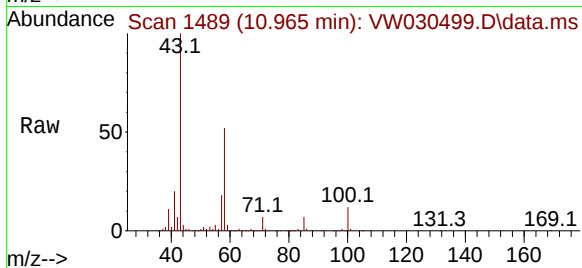
Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

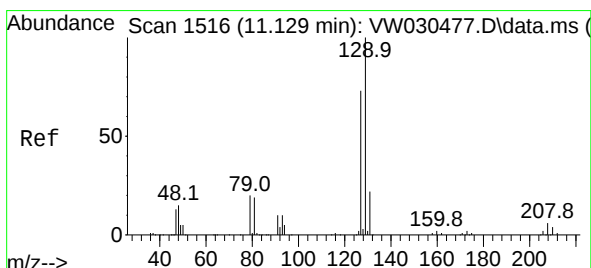
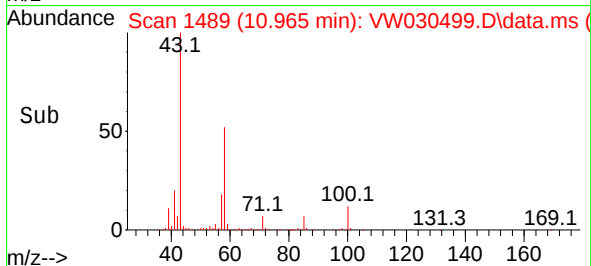
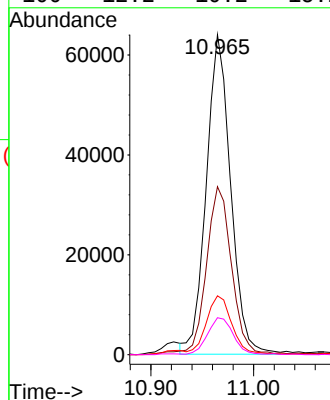
MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 105685

Ion	Ratio	Lower	Upper
43	100		
58	54.3	44.6	67.0
57	19.4	15.8	23.8
100	12.2	10.2	15.2



#49

Dibromochloromethane

Concen: 26.051 ug/L

RT: 11.129 min Scan# 1516

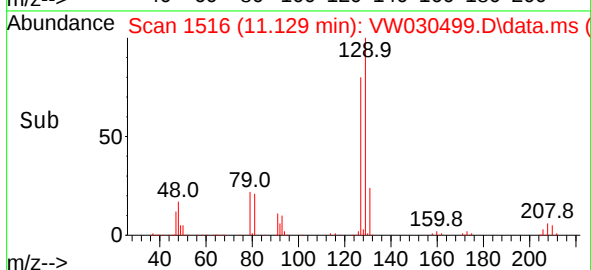
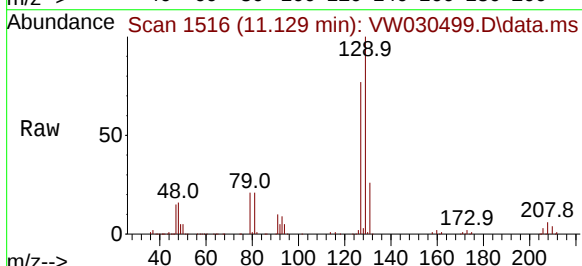
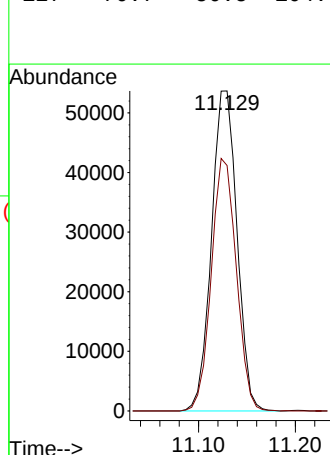
Delta R.T. 0.000 min

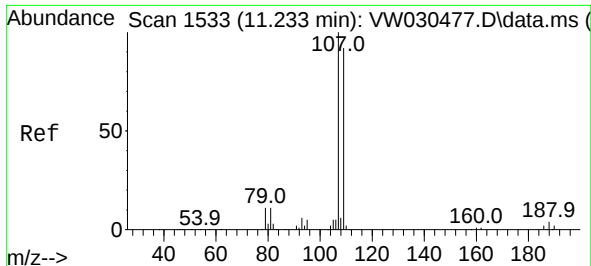
Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Tgt Ion:129 Resp: 98386

Ion	Ratio	Lower	Upper
129	100		
127	76.7	56.5	104.9





#50

1,2-Dibromoethane

Concen: 26.273 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

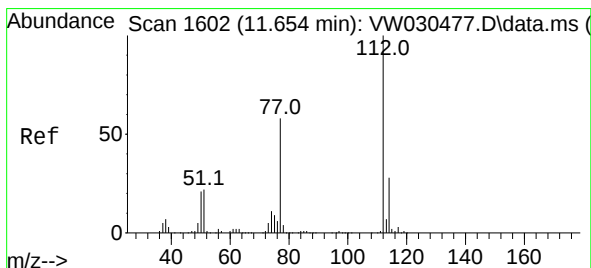
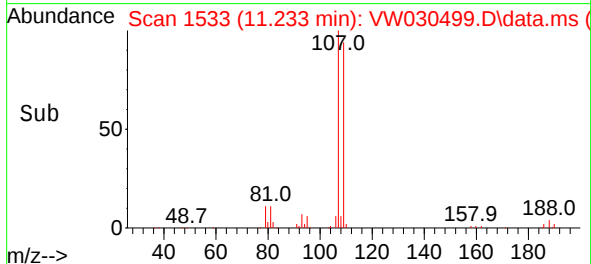
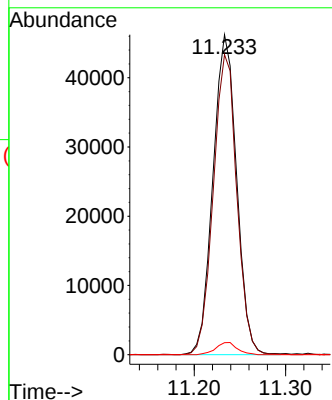
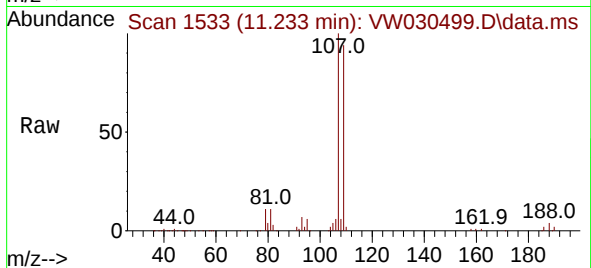
Tgt Ion:107 Resp: 82979

Ion Ratio Lower Upper

107 100

109 93.7 63.8 118.6

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 26.506 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

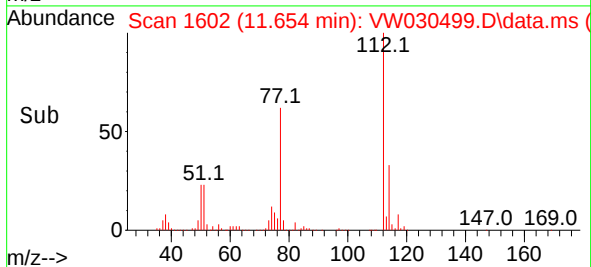
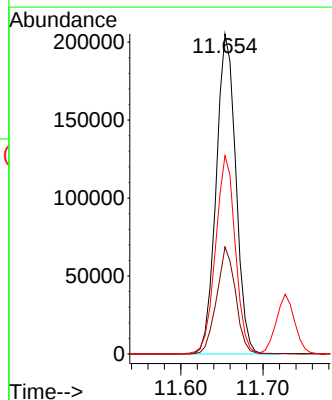
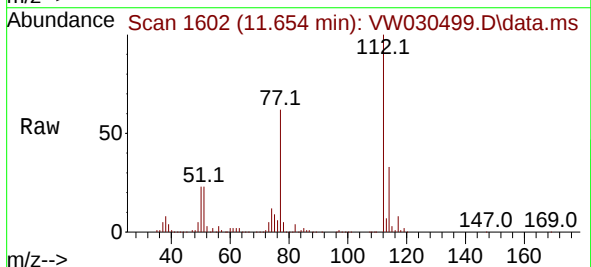
Tgt Ion:112 Resp: 341341

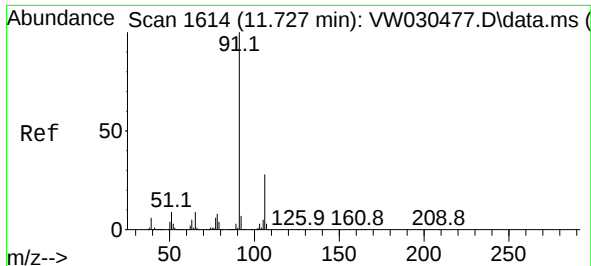
Ion Ratio Lower Upper

112 100

114 33.4 22.4 41.6

77 61.9 47.1 70.7





#52

Ethylbenzene

Concen: 27.954 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

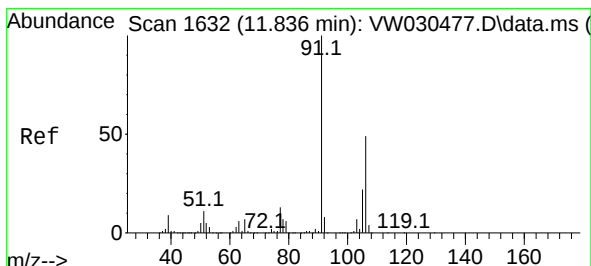
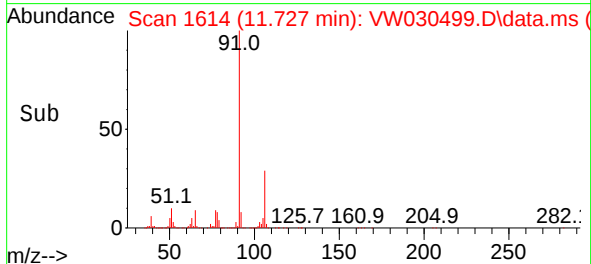
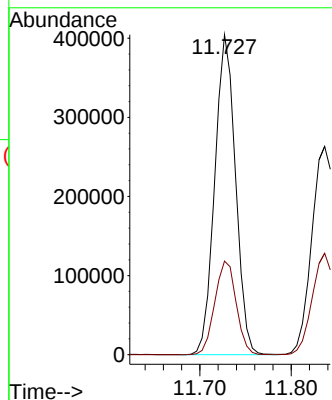
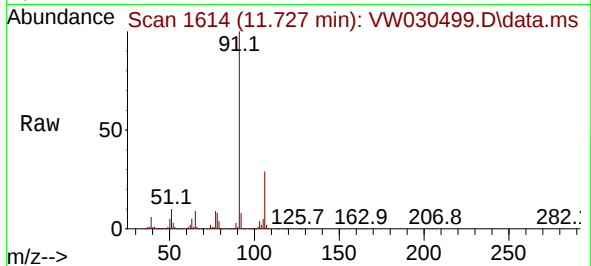
ClientSampleId :

Tgt Ion: 91 Resp: 638105

Ion Ratio Lower Upper

91 100

106 29.3 21.1 39.1



#53

m,p-Xylene

Concen: 27.600 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030499.D

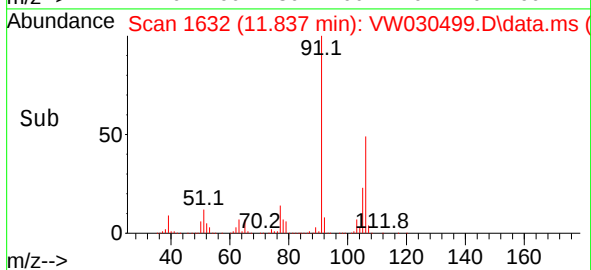
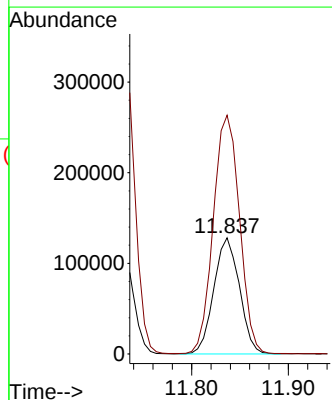
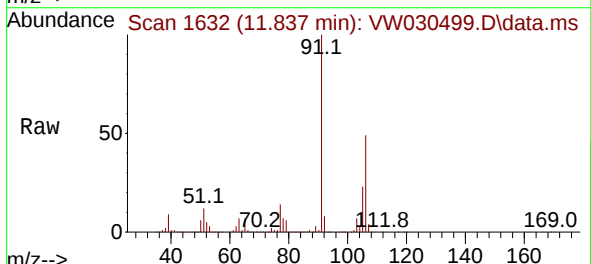
Acq: 10 Oct 2024 08:33

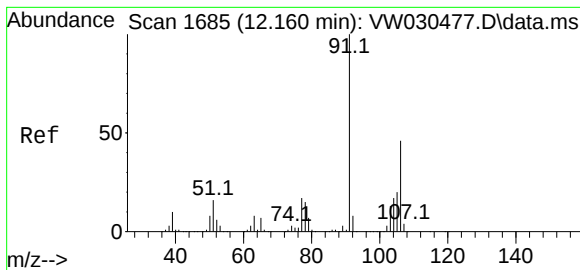
Tgt Ion:106 Resp: 236034

Ion Ratio Lower Upper

106 100

91 205.6 140.6 261.2

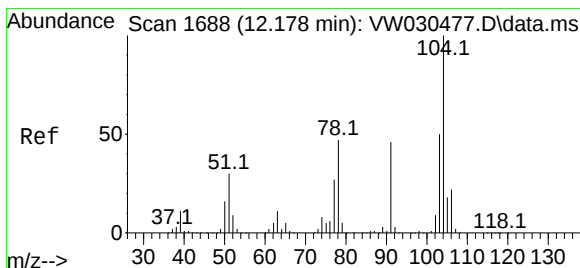
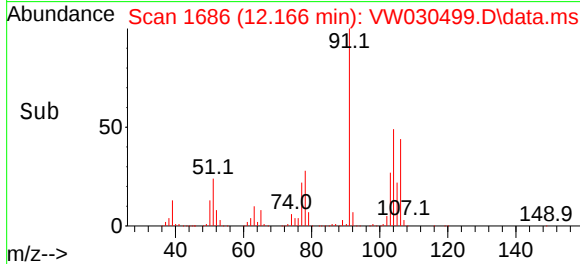
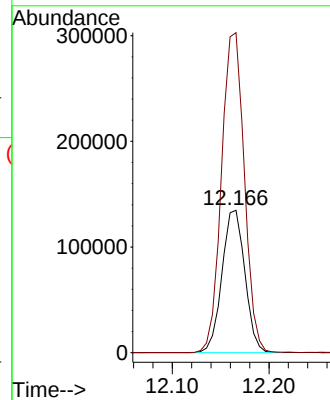
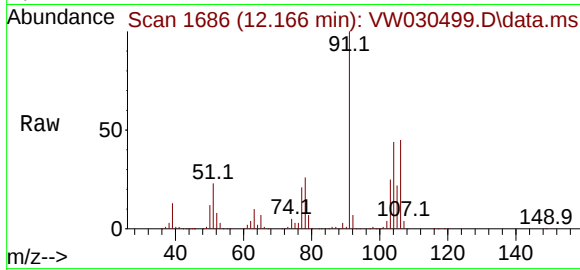




#54
o-Xylene
Concen: 28.053 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

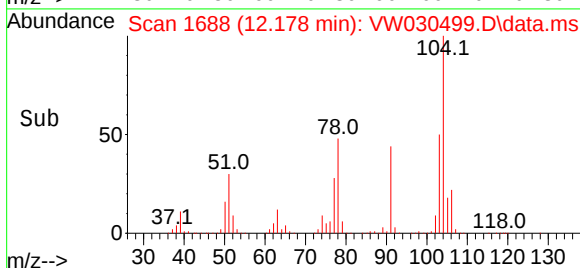
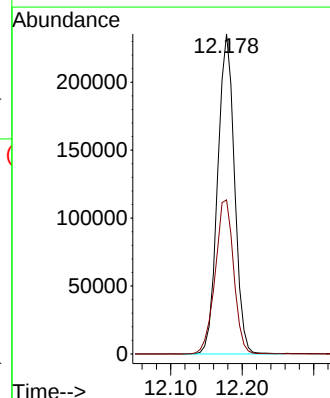
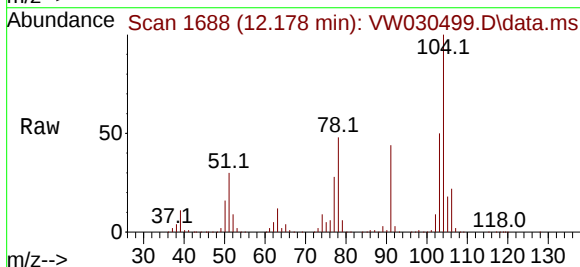
Instrument :
MSVOA_W
ClientSampleId :

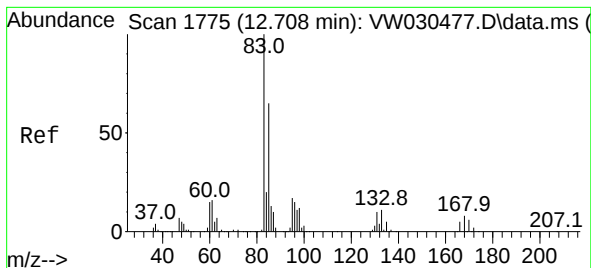
Tgt Ion:106 Resp: 221792
Ion Ratio Lower Upper
106 100
91 224.6 144.5 268.4



#55
Styrene
Concen: 28.463 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

Tgt Ion:104 Resp: 384713
Ion Ratio Lower Upper
104 100
78 48.1 34.3 63.7

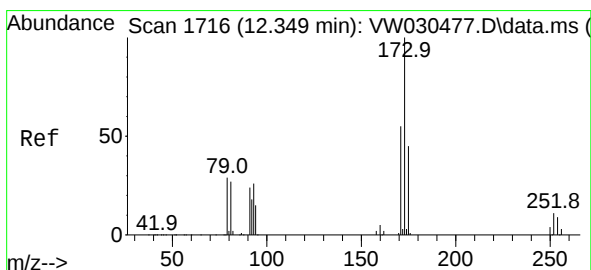
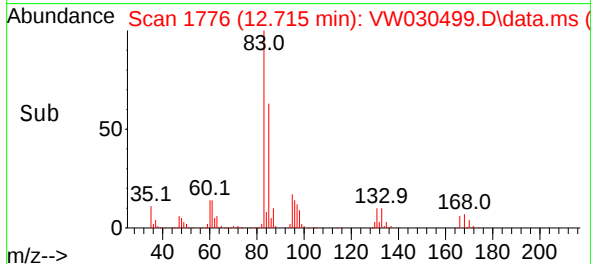
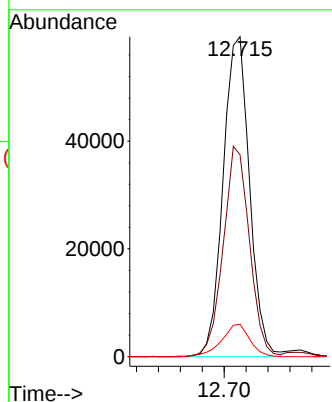
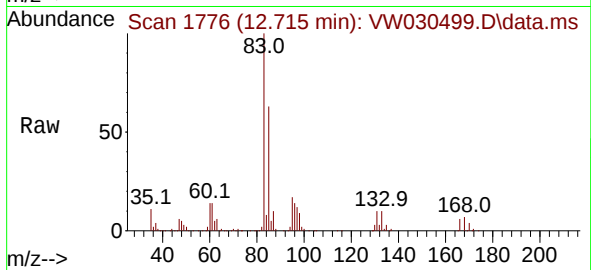




#57
1,1,2,2-Tetrachloroethane
Concen: 26.050 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

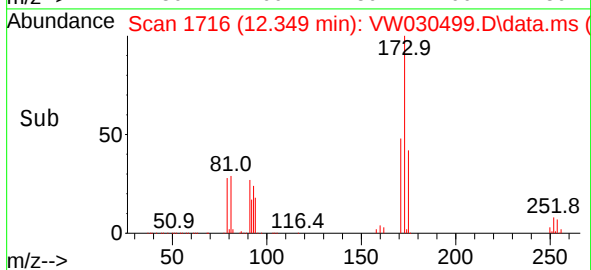
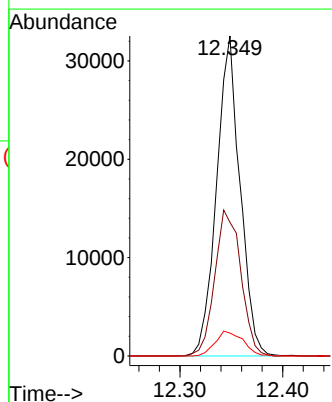
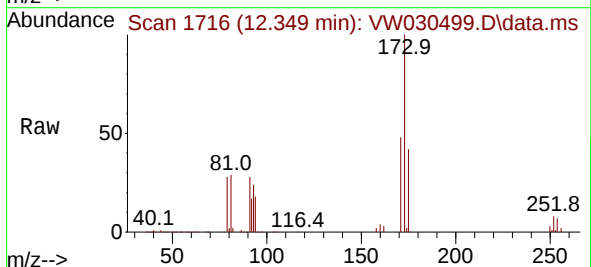
Instrument :
MSVOA_W
ClientSampleId :

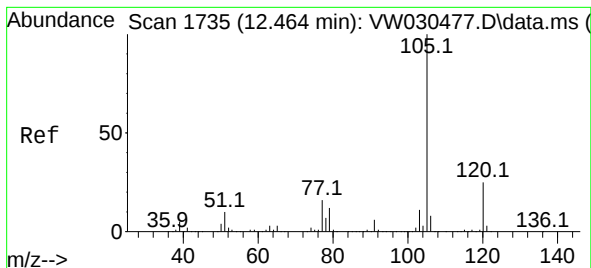
Tgt Ion: 83 Resp: 99430
Ion Ratio Lower Upper
83 100
85 63.1 42.6 79.2
131 10.1 7.4 11.0



#59
Bromoform
Concen: 24.055 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

Tgt Ion:173 Resp: 51654
Ion Ratio Lower Upper
173 100
175 50.4 39.0 58.4
254 9.2 7.7 11.5





#60

Isopropylbenzene

Concen: 26.361 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

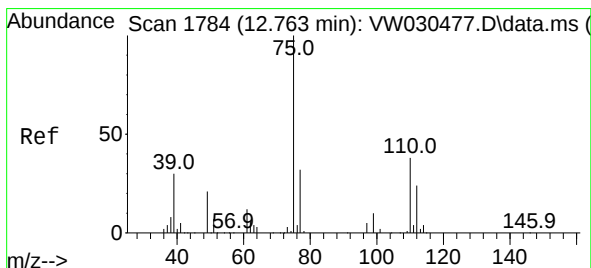
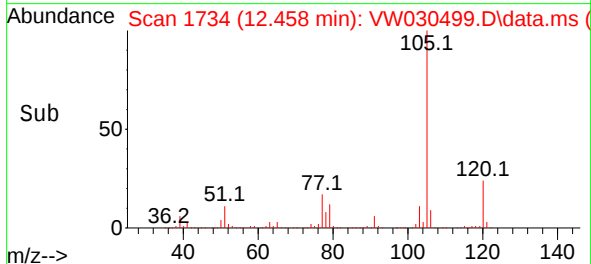
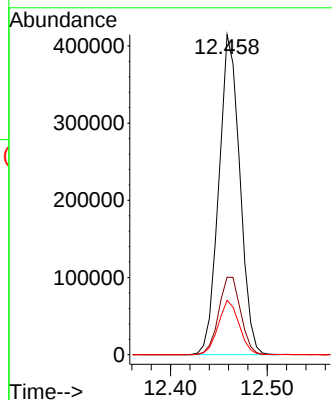
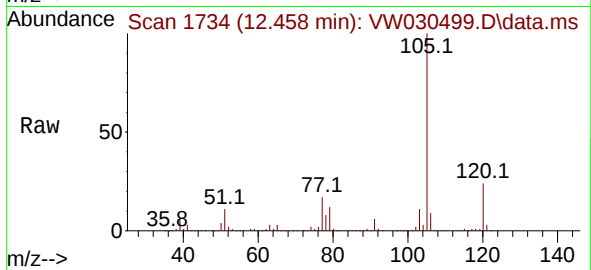
Tgt Ion:105 Resp: 623927

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

77 16.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 23.596 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

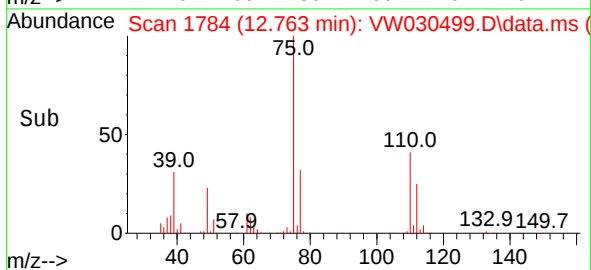
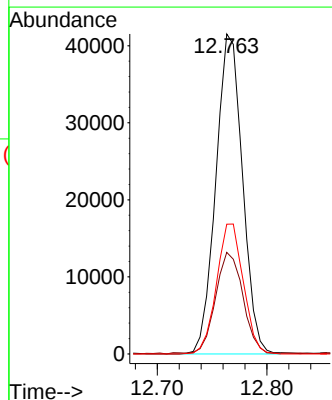
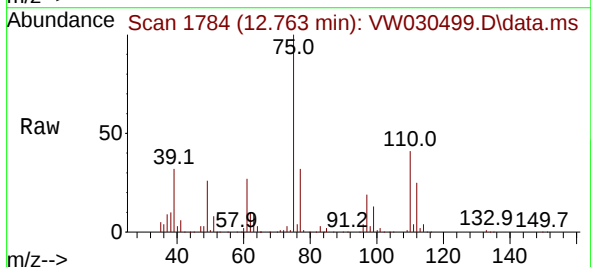
Tgt Ion: 75 Resp: 70176

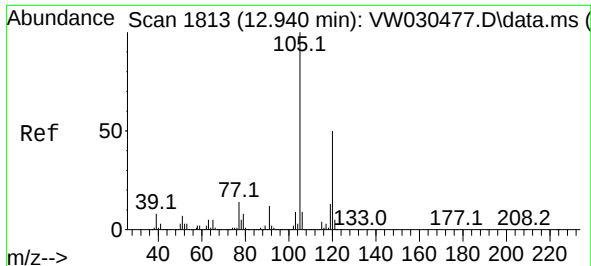
Ion Ratio Lower Upper

75 100

77 32.6 25.7 38.5

110 40.8 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 27.127 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

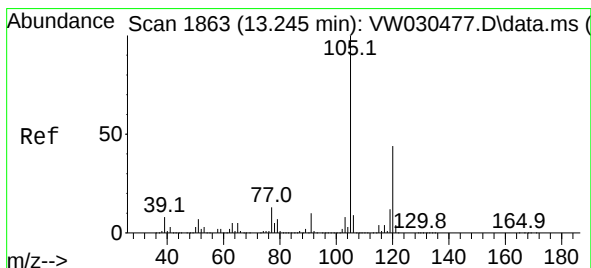
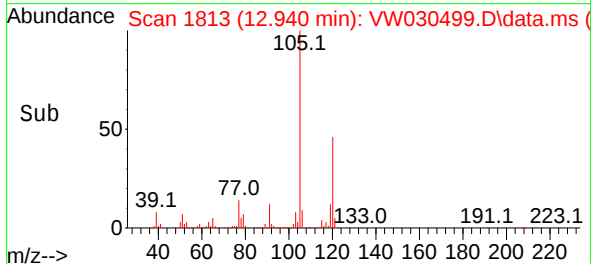
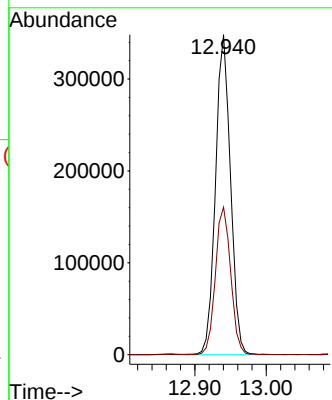
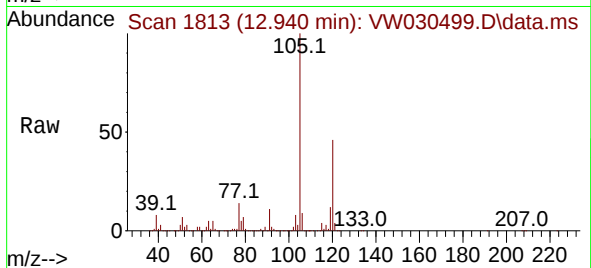
ClientSampleId :

Tgt Ion:105 Resp: 506545

Ion Ratio Lower Upper

105 100

120 47.0 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 27.814 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030499.D

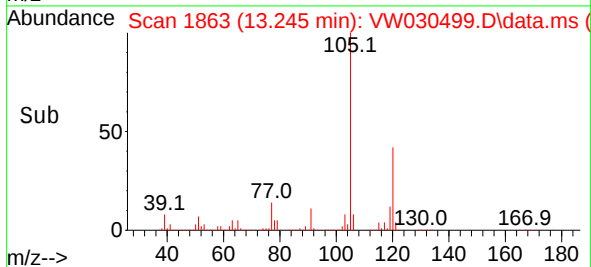
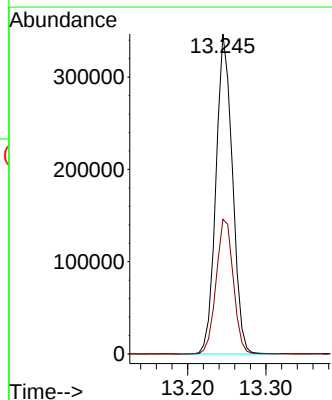
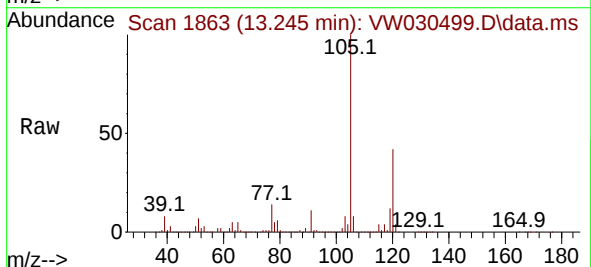
Acq: 10 Oct 2024 08:33

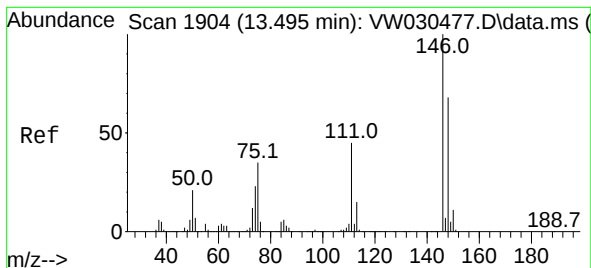
Tgt Ion:105 Resp: 508520

Ion Ratio Lower Upper

105 100

120 43.7 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 25.761 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :

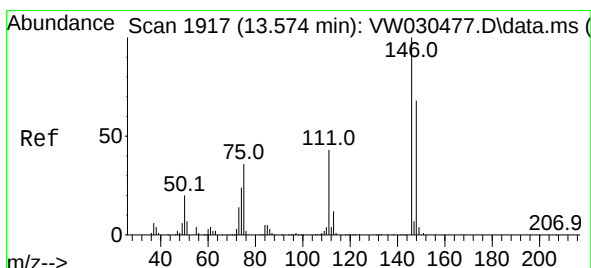
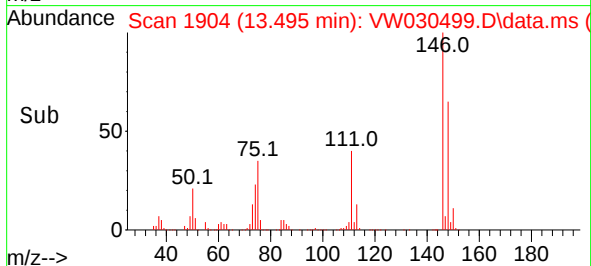
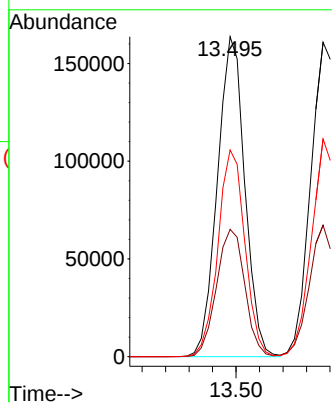
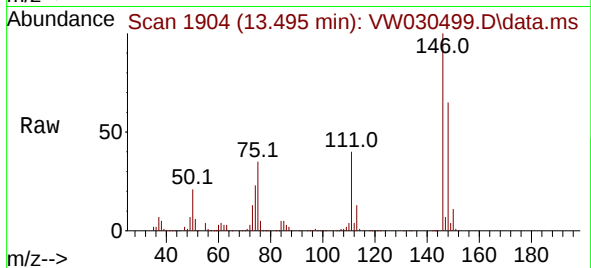
Tgt Ion:146 Resp: 265406

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: 24.577 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

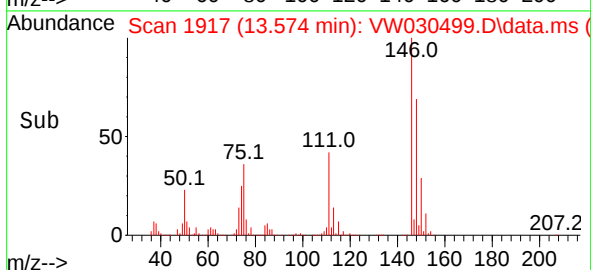
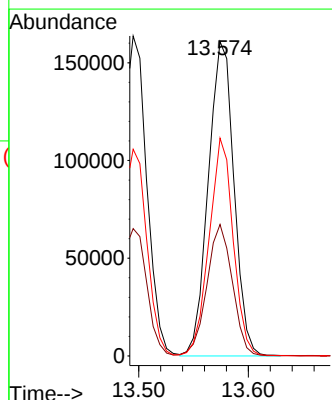
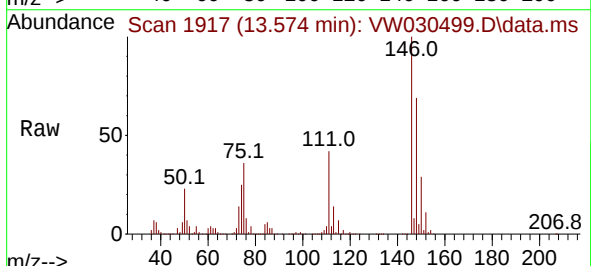
Tgt Ion:146 Resp: 261448

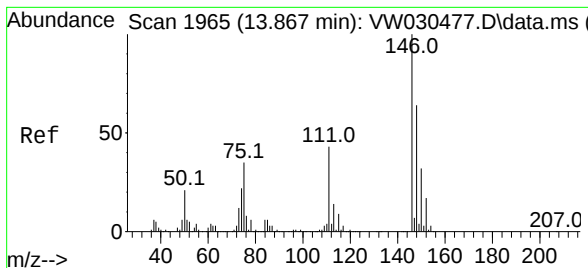
Ion Ratio Lower Upper

146 100

111 41.9 26.8 49.8

148 69.3 41.0 76.2

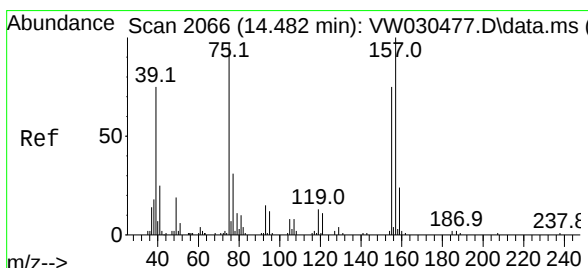
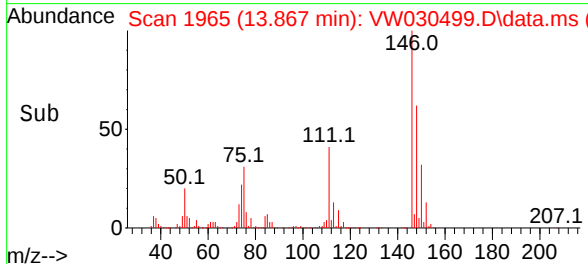
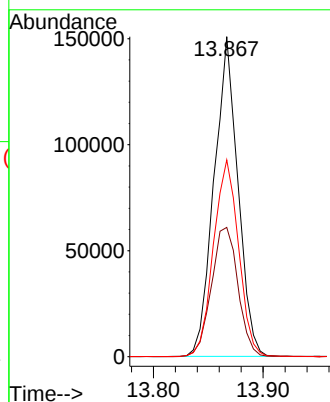
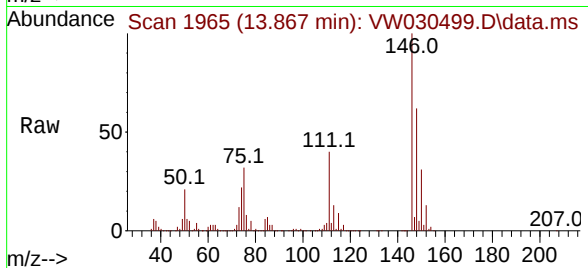




#67
1,2-Dichlorobenzene
Concen: 25.166 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

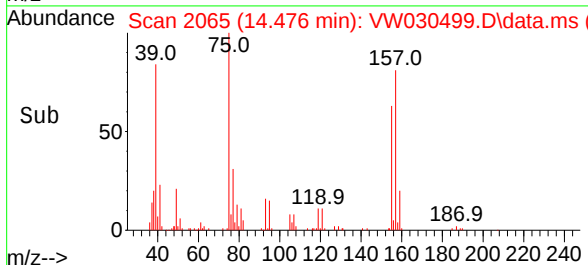
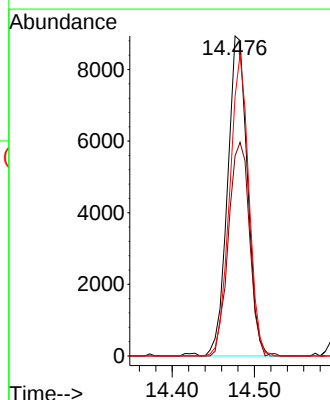
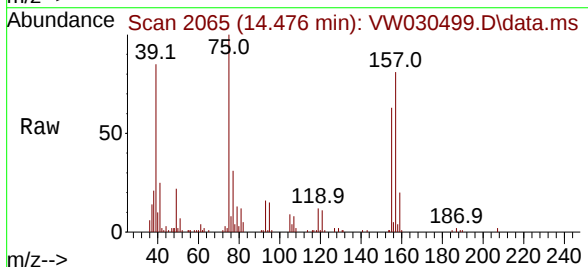
Instrument :
MSVOA_W
ClientSampleId :

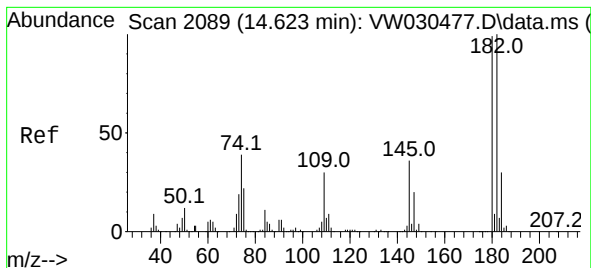
Tgt Ion:146 Resp: 228151
Ion Ratio Lower Upper
146 100
111 40.4 34.6 52.0
148 61.5 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 22.810 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030499.D
Acq: 10 Oct 2024 08:33

Tgt Ion: 75 Resp: 15126
Ion Ratio Lower Upper
75 100
155 62.5 57.9 86.9
157 81.1 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 25.873 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

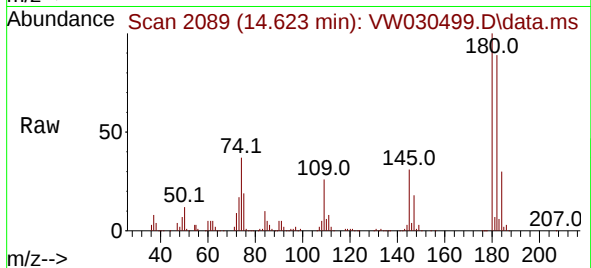
Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 175775

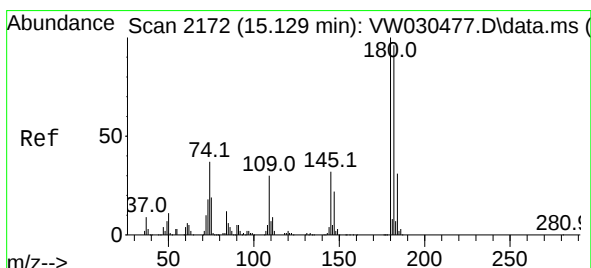
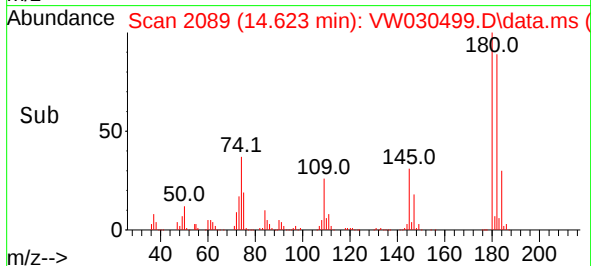
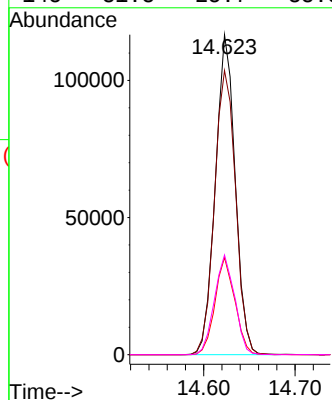
Ion Ratio Lower Upper

180 100

182 94.6 79.9 119.9

184 30.4 25.2 37.8

145 31.8 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 26.449 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030499.D

Acq: 10 Oct 2024 08:33

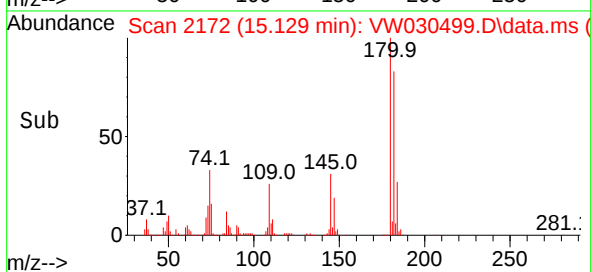
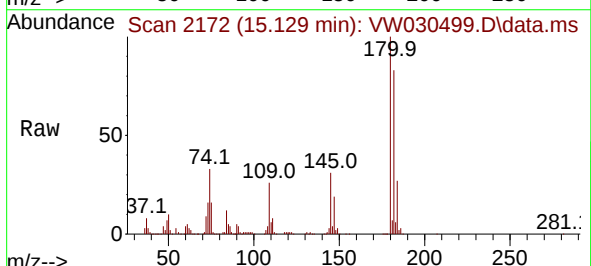
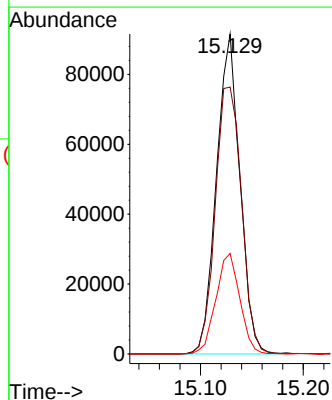
Tgt Ion:180 Resp: 144656

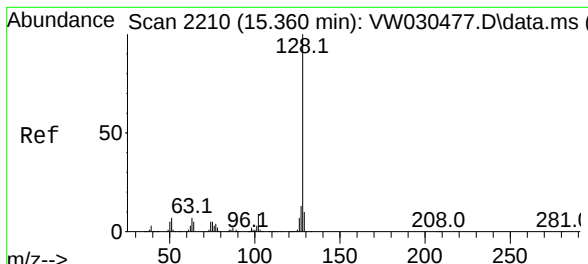
Ion Ratio Lower Upper

180 100

182 93.9 75.2 112.8

145 32.2 25.4 38.2



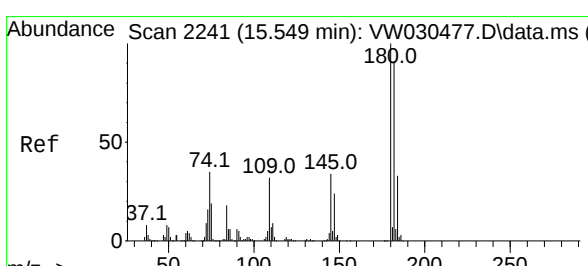
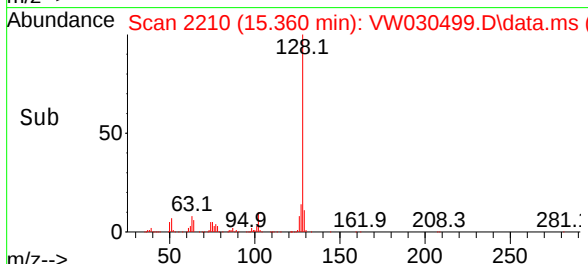
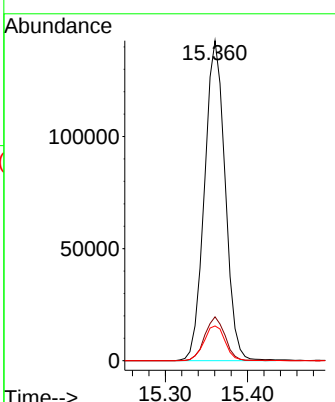
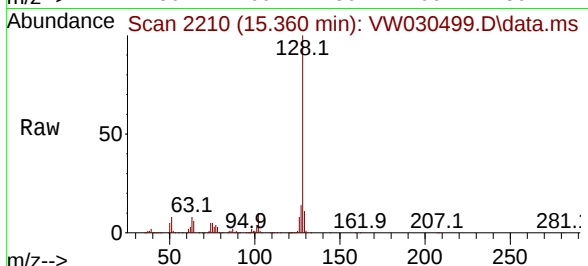


#71
 Naphthalene
 Concen: 26.316 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW030499.D
 Acq: 10 Oct 2024 08:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 248659

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	11.2	8.8	13.2



#72
 1,2,3-Trichlorobenzene
 Concen: 25.243 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW030499.D
 Acq: 10 Oct 2024 08:33

Tgt Ion:180 Resp: 119685

Ion	Ratio	Lower	Upper
180	100		
182	102.5	76.2	114.4
145	34.8	27.4	41.2

