

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082824\
 Data File : VW030090.D
 Acq On : 28 Aug 2024 20:45
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 29 01:19:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 01:10:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	174472	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	166497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86246	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	55856	21.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.040%
7) Chloroethane-d5	2.899	69	41742	22.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	4.021	65	24916	22.461	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.840%
21) 2-Butanone-d5	7.081	46	31574	61.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.020%
24) Chloroform-d	7.648	84	118648	25.217	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.880%
26) 1,2-Dichloroethane-d4	8.307	65	64161	26.856	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.440%
32) Benzene-d6	8.276	84	232677	23.675	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	9.276	67	73632	25.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.280%
41) Toluene-d8	10.325	98	213463	23.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.440%
43) trans-1,3-Dichloroprop...	10.575	79	29004	24.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.960%
47) 2-Hexanone-d5	10.922	63	26022	59.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	59403	28.021	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	69850	22.391	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	40638	20.252	ug/L	93
3) Chloromethane	2.222	50	61447	26.341	ug/L	92
5) Vinyl chloride	2.375	62	64635	23.442	ug/L	94
6) Bromomethane	2.789	94	40573	23.679	ug/L	87
8) Chloroethane	2.930	64	38741	24.383	ug/L	96
9) Trichlorofluoromethane	3.271	101	53717	22.498	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	50355	22.044	ug/L	97
12) 1,1-Dichloroethene	4.045	96	47104	21.062	ug/L	93
13) Acetone	4.125	43	26270	55.493	ug/L	100
14) Carbon disulfide	4.393	76	172507	24.865	ug/L	99
15) Methyl Acetate	4.673	43	28562	30.946	ug/L #	80
16) Methylene chloride	4.917	84	66339	23.017	ug/L	90
17) trans-1,2-Dichloroethene	5.429	96	58288	23.567	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	93748	24.785	ug/L	96
19) 1,1-Dichloroethane	6.216	63	120155	26.143	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	64436	23.572	ug/L	96
22) 2-Butanone	7.167	43	37651	55.581	ug/L	93
23) Bromochloromethane	7.514	128	28553	24.626	ug/L	91
25) Chloroform	7.673	83	118927	25.298	ug/L	96

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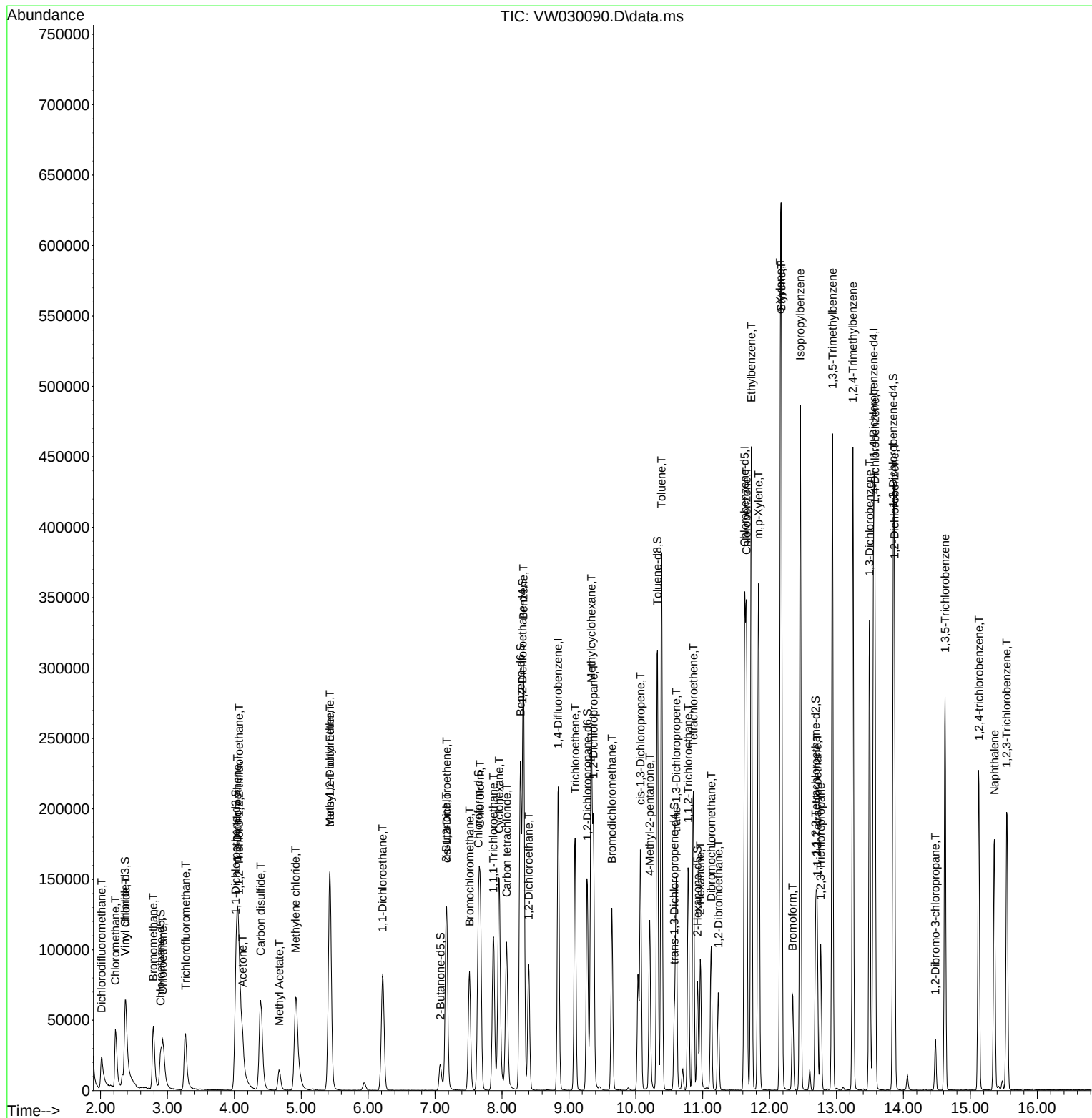
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	80627	26.794	ug/L	97
29) Cyclohexane	7.959	56	89202	22.188	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	91515	23.467	ug/L	98
31) Carbon tetrachloride	8.069	117	80447	22.961	ug/L	97
33) Benzene	8.319	78	260052	24.378	ug/L	100
34) Trichloroethene	9.093	95	64053	22.299	ug/L	98
35) Methylcyclohexane	9.337	83	100204	21.300	ug/L	94
37) 1,2-Dichloropropane	9.367	63	69958	25.898	ug/L	99
38) Bromodichloromethane	9.642	83	84817	24.885	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	102949	24.761	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	82306	61.210	ug/L	94
42) Toluene	10.386	91	272567	23.993	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	84805	25.207	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	49629	25.066	ug/L	97
46) Tetrachloroethene	10.861	164	46697	21.419	ug/L	97
48) 2-Hexanone	10.965	43	59828	62.587	ug/L	91
49) Dibromochloromethane	11.129	129	53529	25.445	ug/L	95
50) 1,2-Dibromoethane	11.233	107	45734	24.728	ug/L	90
51) Chlorobenzene	11.654	112	168956	23.260	ug/L	97
52) Ethylbenzene	11.727	91	313221	24.334	ug/L	96
53) m,p-Xylene	11.837	106	112647	23.450	ug/L	97
54) o-Xylene	12.160	106	108584	23.552	ug/L	91
55) Styrene	12.178	104	189500	24.531	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	60969	27.345	ug/L	97
59) Bromoform	12.343	173	29264	22.785	ug/L	99
60) Isopropylbenzene	12.458	105	292915	21.288	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	43692	24.915	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	234798	22.950	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	234537	21.749	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	129328	22.048	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	128598	21.701	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	116516	22.205	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	9390	25.015	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	81311	21.232	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	67626	20.402	ug/L	99
71) Naphthalene	15.360	128	147133	23.246	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	65912	22.655	ug/L	99

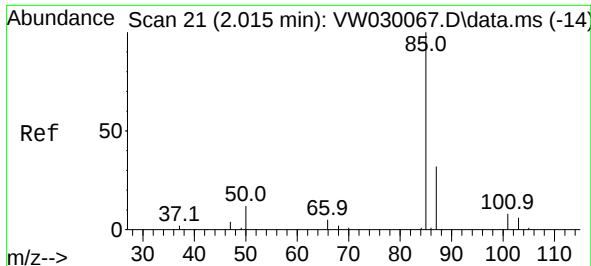
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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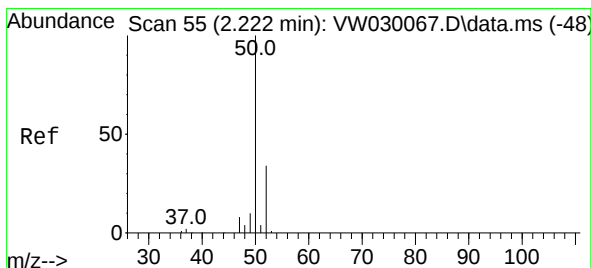
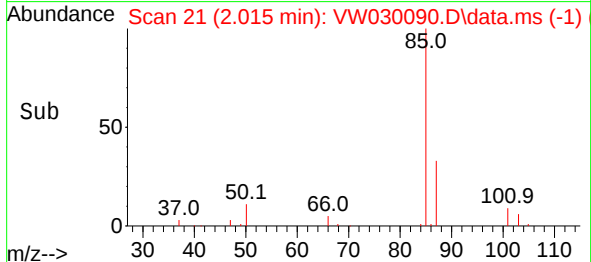
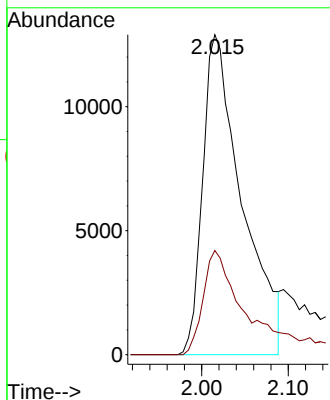
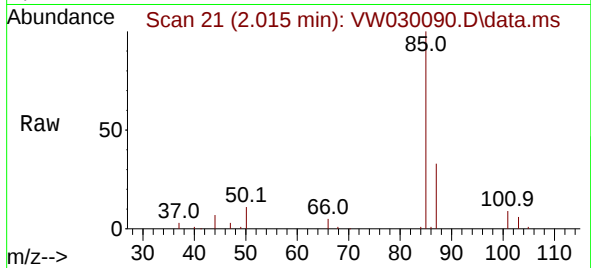




#2
Dichlorodifluoromethane
Concen: 20.252 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

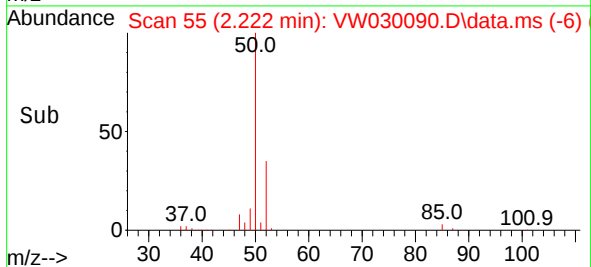
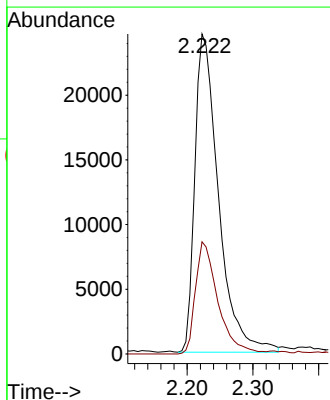
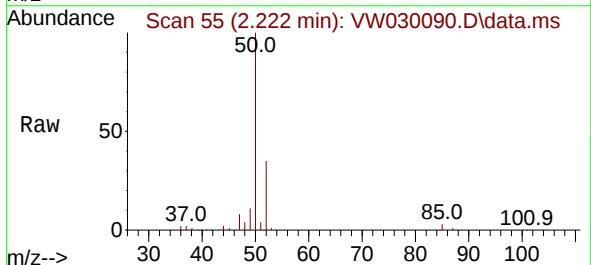
Instrument :
MSVOA_W
ClientSampleId :

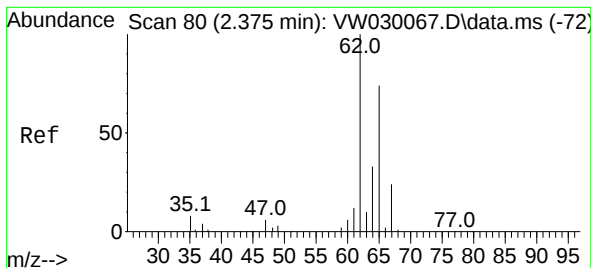
Tgt Ion: 85 Resp: 40638
Ion Ratio Lower Upper
85 100
87 26.6 24.2 36.2



#3
Chloromethane
Concen: 26.341 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

Tgt Ion: 50 Resp: 61447
Ion Ratio Lower Upper
50 100
52 35.0 21.6 40.2





#5

Vinyl chloride

Concen: 23.442 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

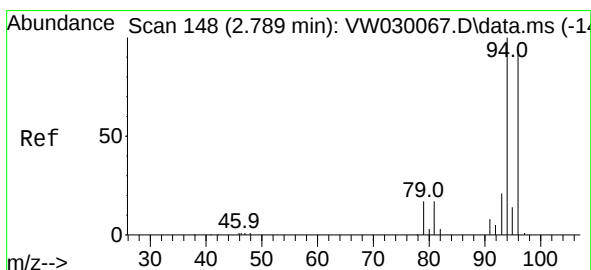
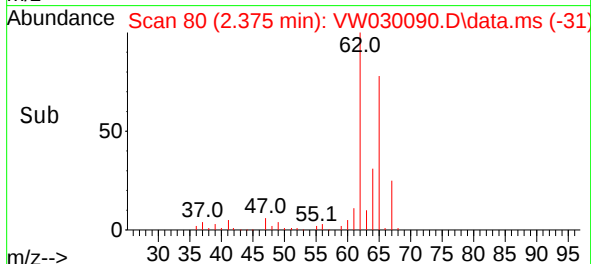
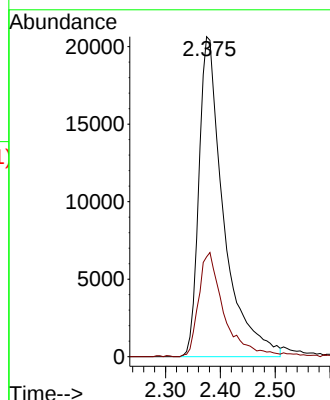
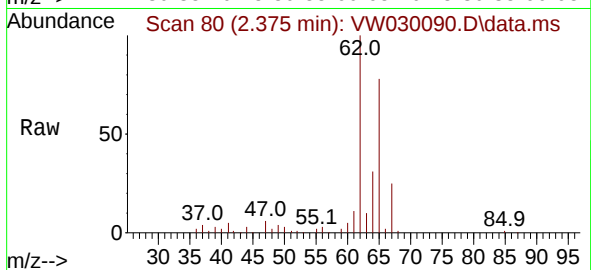
ClientSampleId :

Tgt Ion: 62 Resp: 64635

Ion Ratio Lower Upper

62 100

64 31.2 24.4 45.4



#6

Bromomethane

Concen: 23.679 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW030090.D

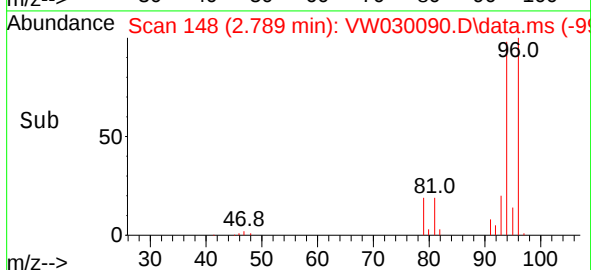
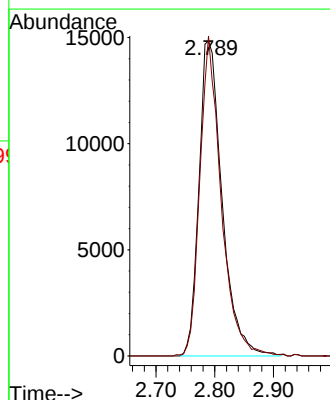
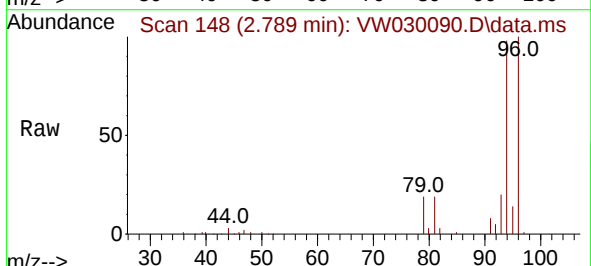
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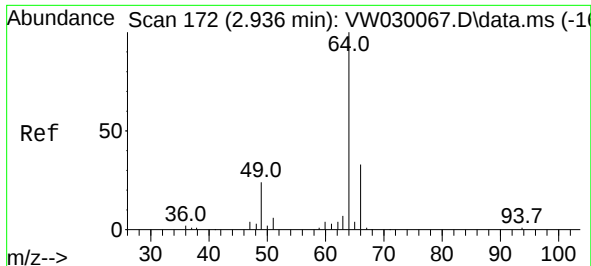
Tgt Ion: 94 Resp: 40573

Ion Ratio Lower Upper

94 100

96 101.6 62.4 115.8

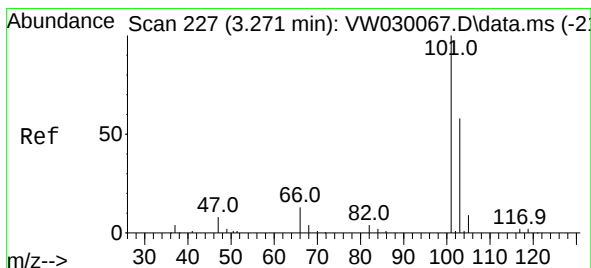
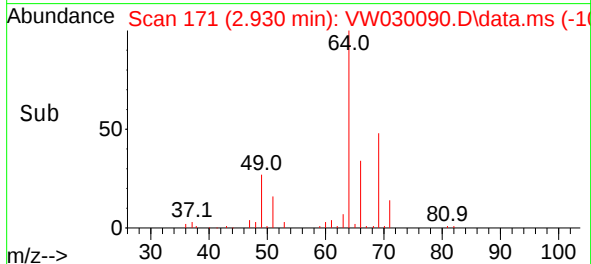
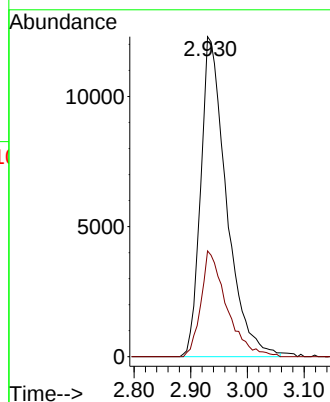
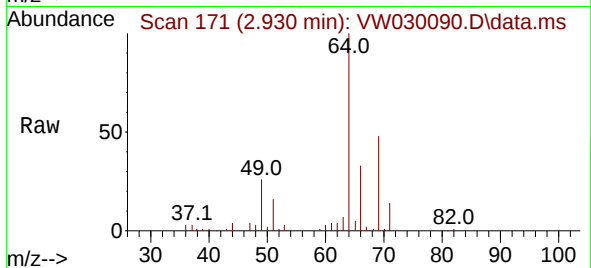




#8
Chloroethane
Concen: 24.383 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

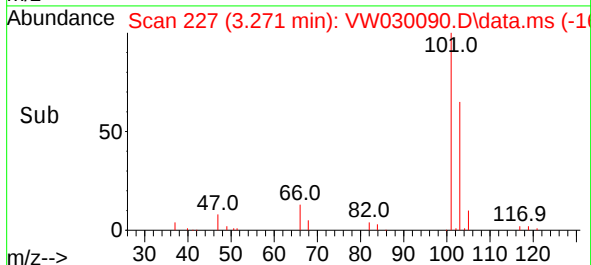
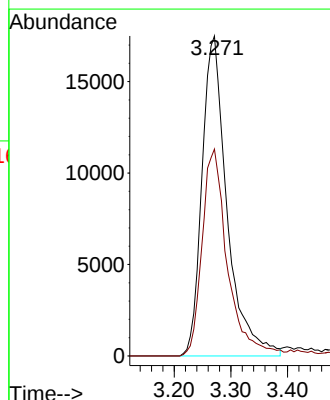
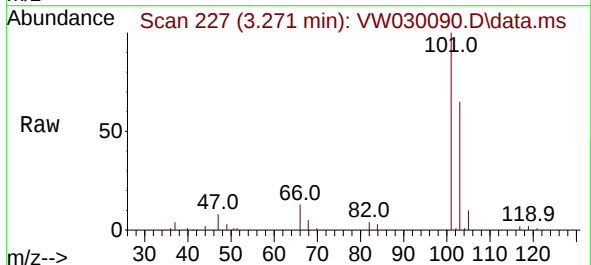
Instrument :
MSVOA_W
ClientSampleId :

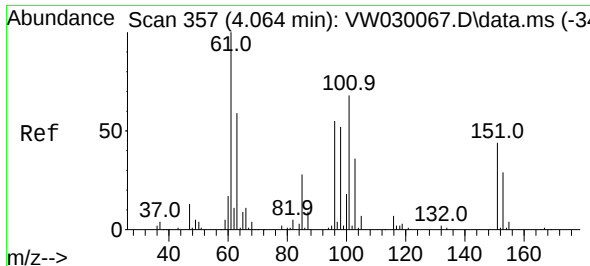
Tgt Ion: 64 Resp: 38741
Ion Ratio Lower Upper
64 100
66 33.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.498 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

Tgt Ion:101 Resp: 53717
Ion Ratio Lower Upper
101 100
103 65.2 50.7 76.1





#10

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

Concen: 22.044 ug/L

RT: 4.070 min Scan# 357

Delta R.T. 0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

ClientSampleId :

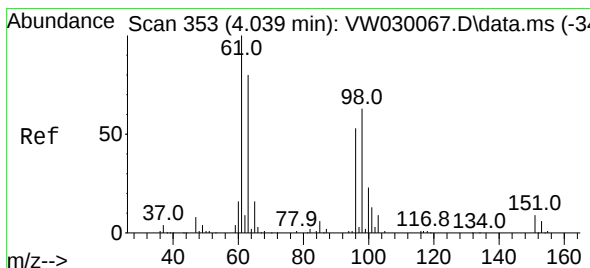
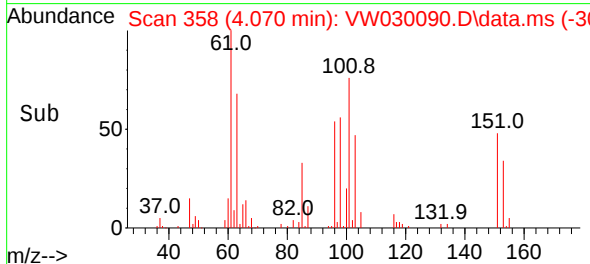
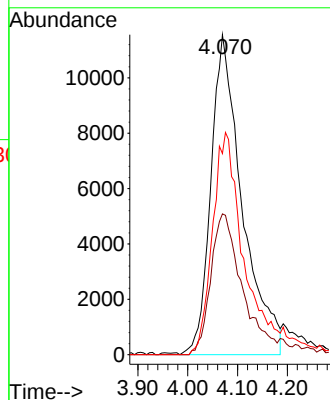
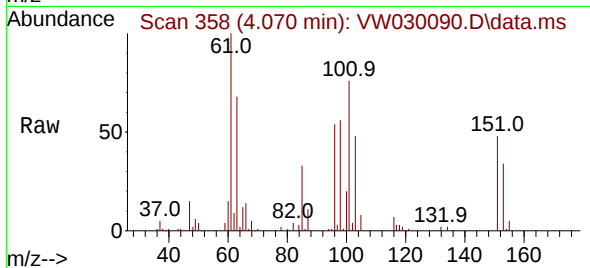
Tgt Ion:101 Resp: 50355

Ion Ratio Lower Upper

101 100

85 38.8 34.7 52.1

151 68.4 54.8 82.2



#12

1,1-Dichloroethene

Concen: 21.062 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

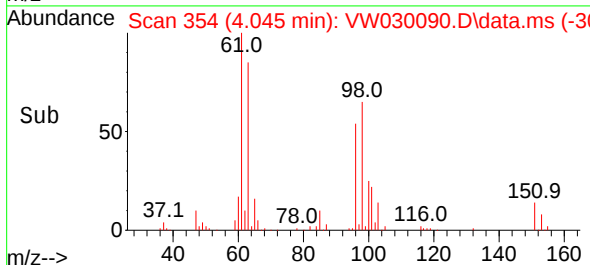
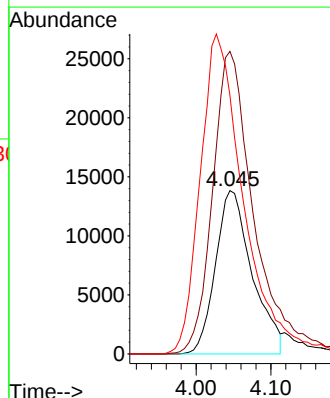
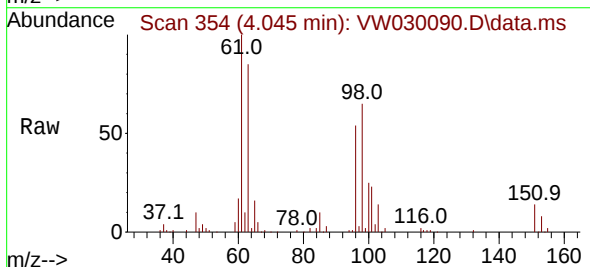
Tgt Ion: 96 Resp: 47104

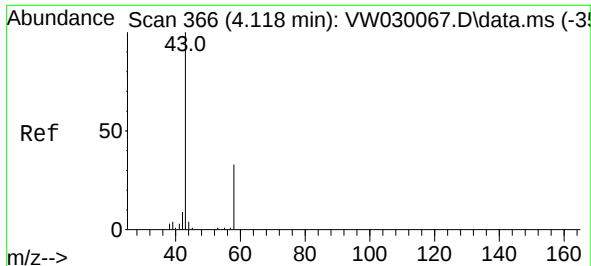
Ion Ratio Lower Upper

96 100

61 185.2 126.0 234.0

63 158.1 101.8 189.2

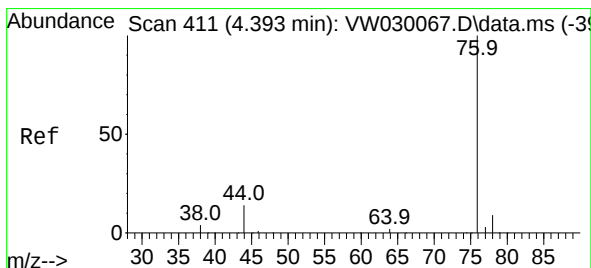
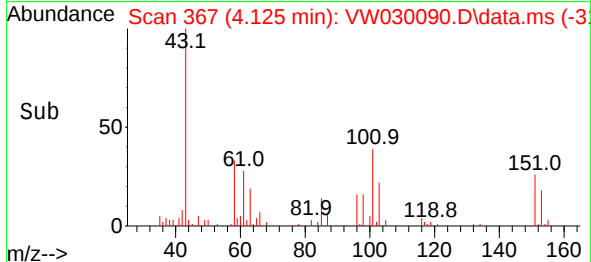
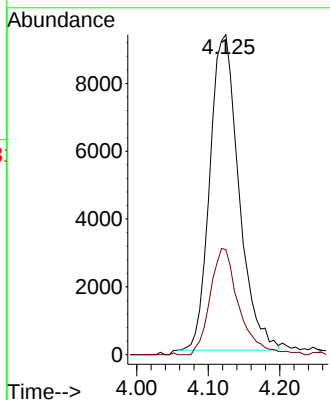
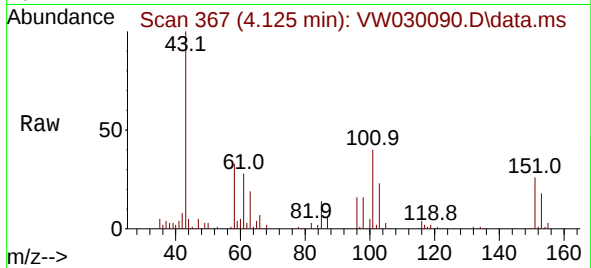




#13
Acetone
Concen: 55.493 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

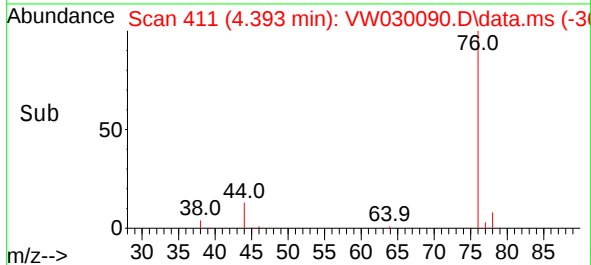
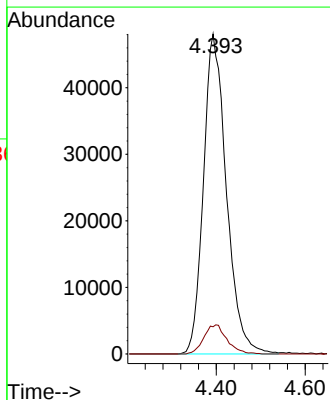
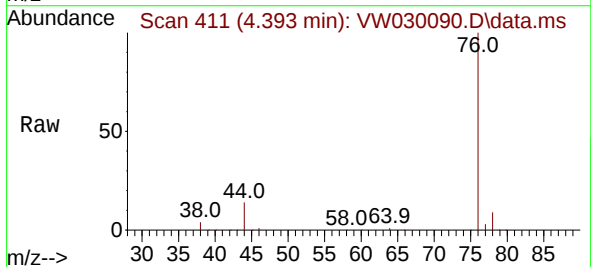
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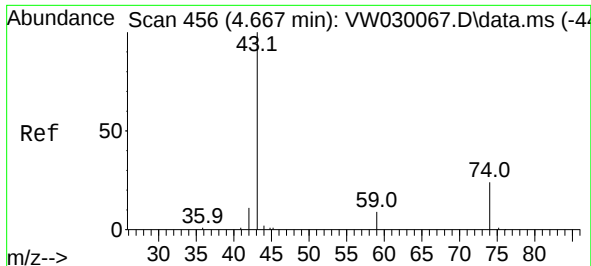
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Ion Ratio Lower Upper
43 100
58 33.0 0.0 66.4



#14
Carbon disulfide
Concen: 24.865 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

Tgt Ion: 76 Resp: 172507
Ion Ratio Lower Upper
76 100
78 8.5 6.6 9.8

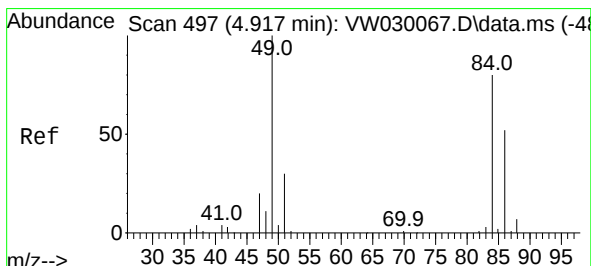
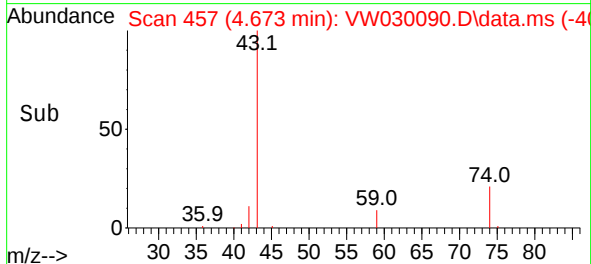
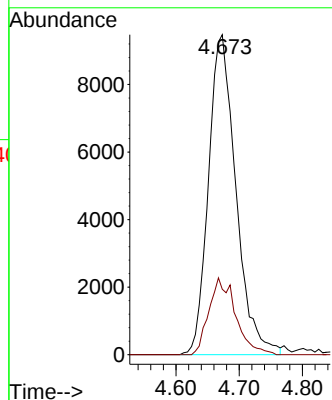
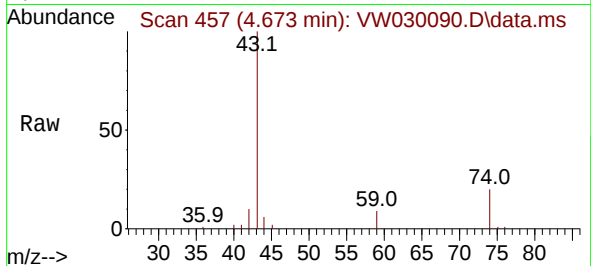




#15
Methyl Acetate
Concen: 30.946 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

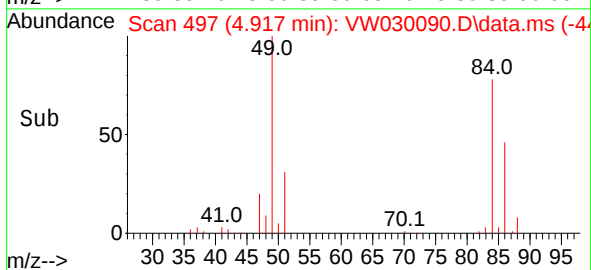
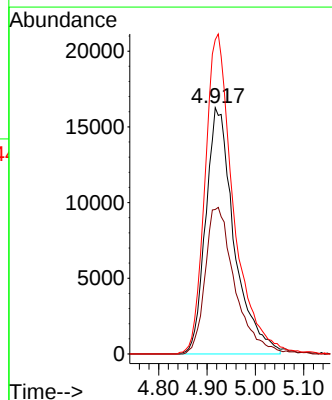
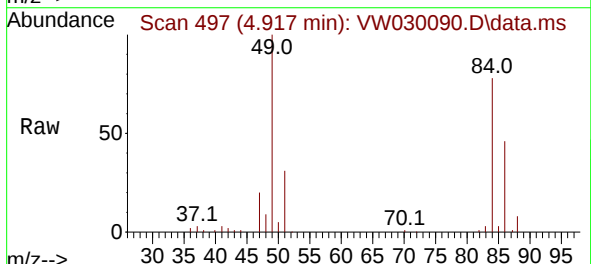
Instrument :
MSVOA_W
ClientSampleId :

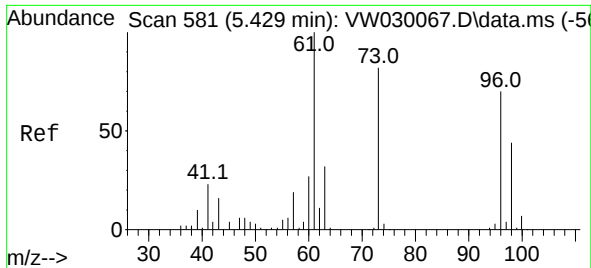
Tgt Ion: 43 Resp: 28562
Ion Ratio Lower Upper
43 100
74 14.9 19.9 29.9#



#16
Methylene chloride
Concen: 23.017 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

Tgt Ion: 84 Resp: 66339
Ion Ratio Lower Upper
84 100
86 58.7 44.2 82.2
49 127.7 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 23.567 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

ClientSampleId :

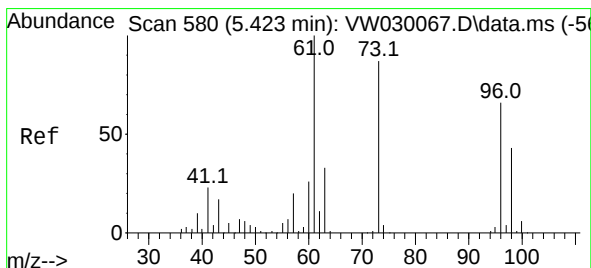
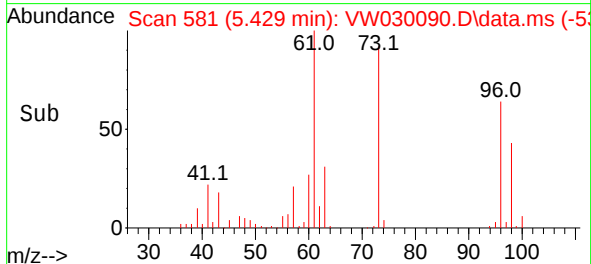
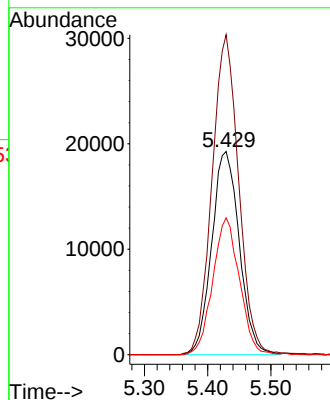
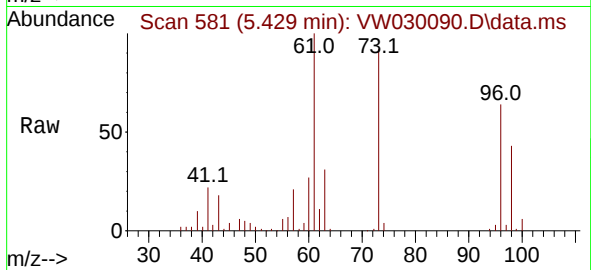
Tgt Ion: 96 Resp: 58288

Ion Ratio Lower Upper

96 100

61 157.5 98.3 182.7

98 67.3 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 24.785 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

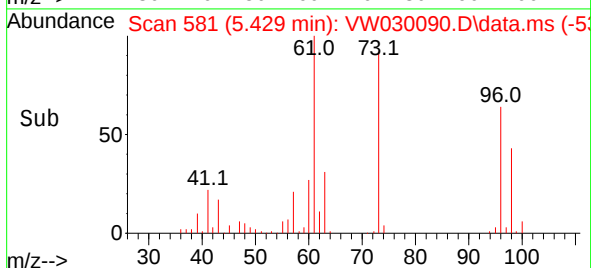
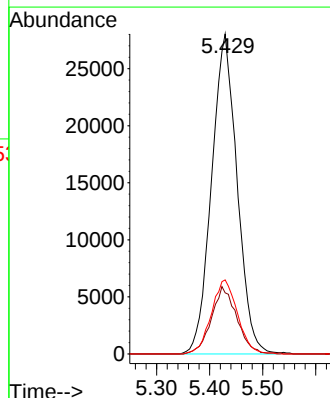
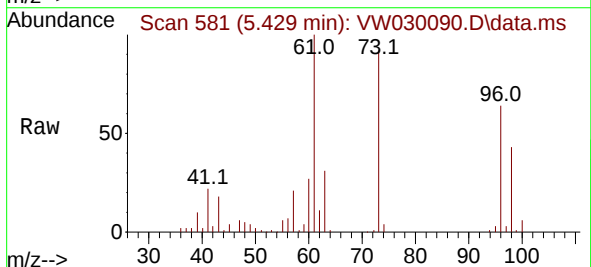
Tgt Ion: 73 Resp: 93748

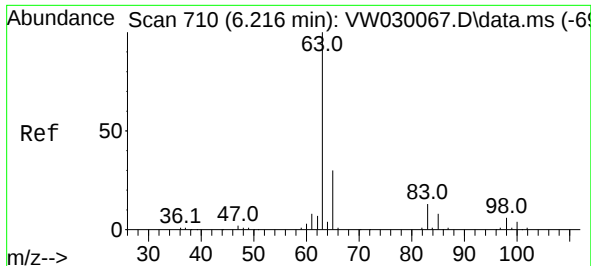
Ion Ratio Lower Upper

73 100

43 20.8 15.4 23.2

57 23.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 26.143 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

ClientSampleId :

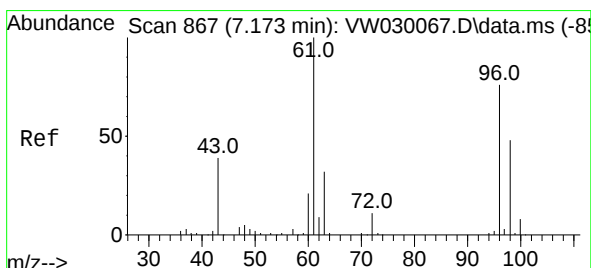
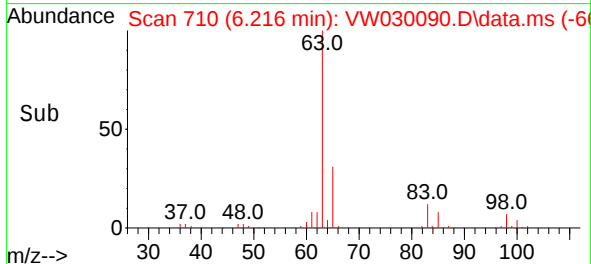
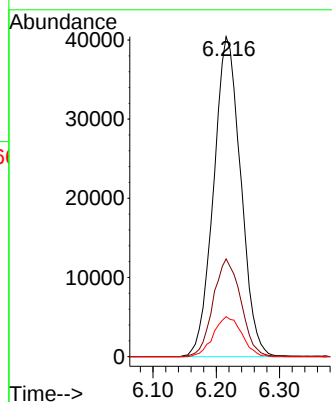
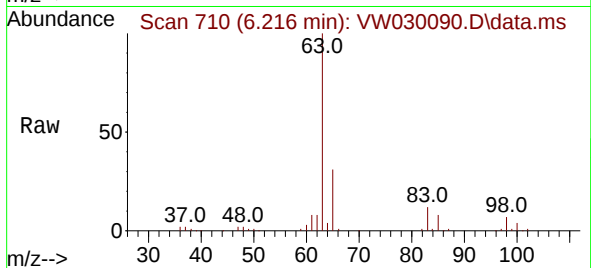
Tgt Ion: 63 Resp: 120155

Ion Ratio Lower Upper

63 100

65 30.5 21.6 40.0

83 12.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 23.572 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

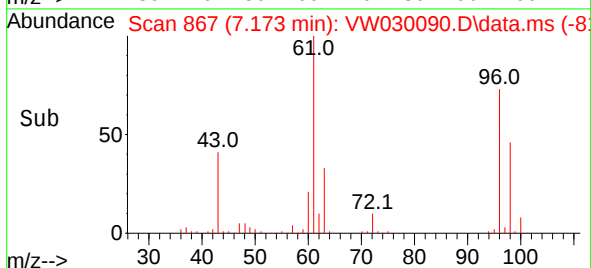
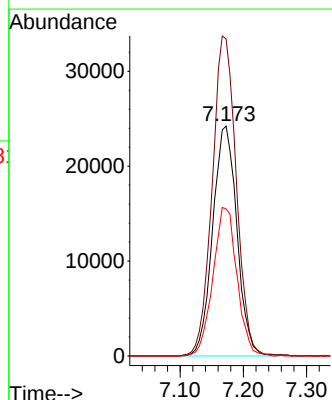
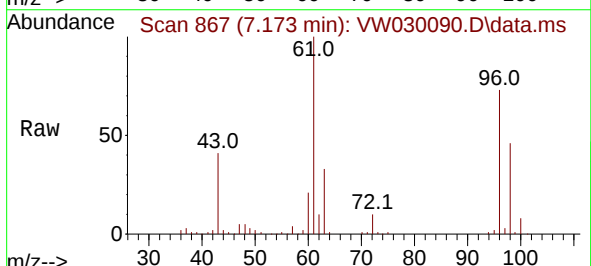
Tgt Ion: 96 Resp: 64436

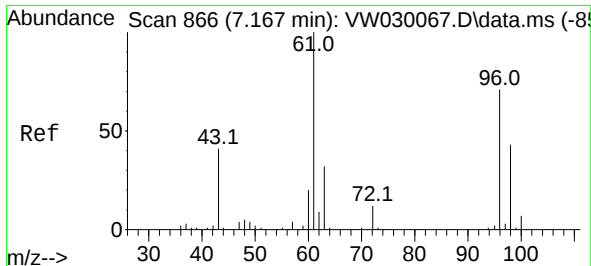
Ion Ratio Lower Upper

96 100

61 137.8 99.6 185.0

98 64.0 46.5 86.5





#22

2-Butanone

Concen: 55.581 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

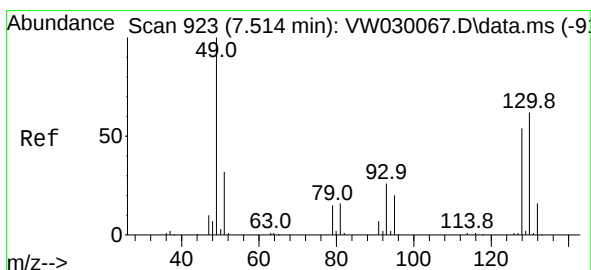
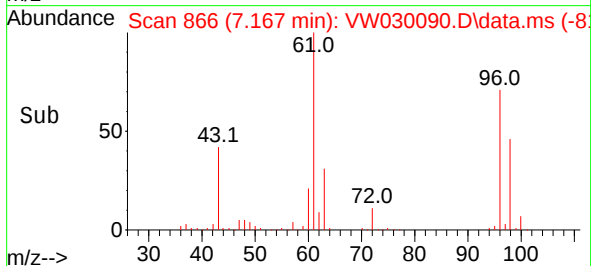
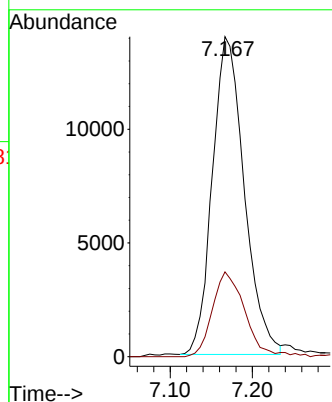
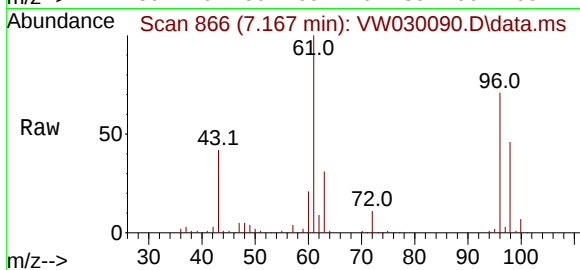
ClientSampleId :

Tgt Ion: 43 Resp: 37651

Ion Ratio Lower Upper

43 100

72 26.5 15.0 45.1



#23

Bromochloromethane

Concen: 24.626 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Tgt Ion: 128 Resp: 28553

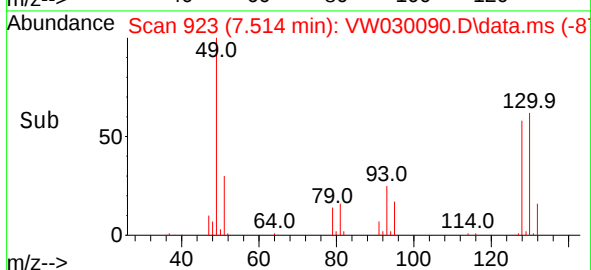
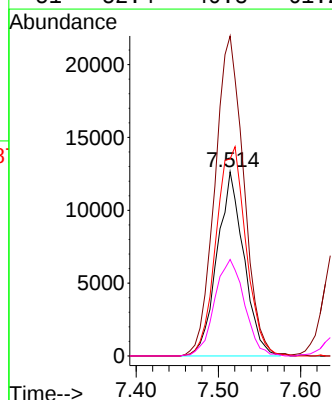
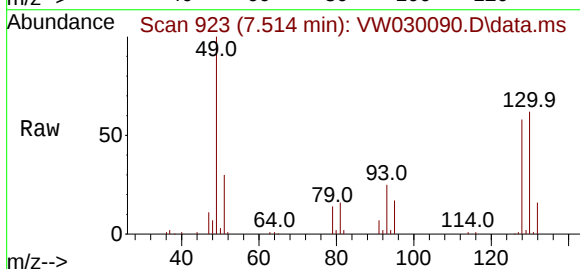
Ion Ratio Lower Upper

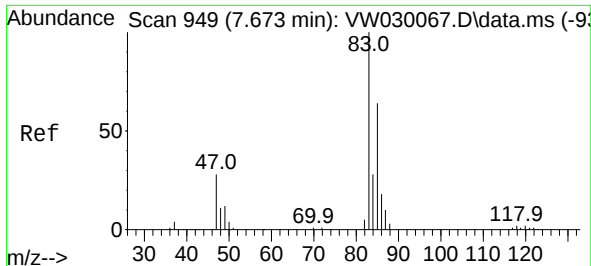
128 100

49 173.8 117.3 217.9

130 107.0 89.3 165.9

51 52.4 40.8 61.2





#25

Chloroform

Concen: 25.298 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

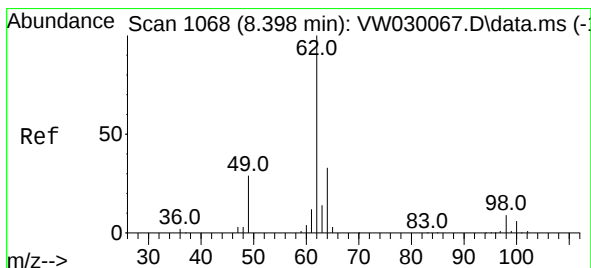
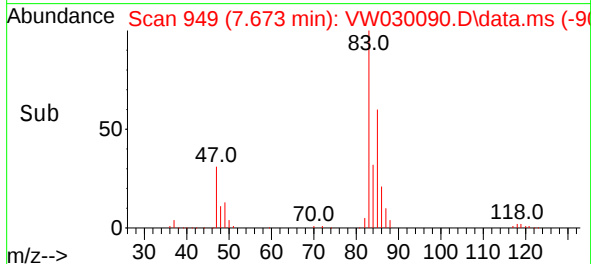
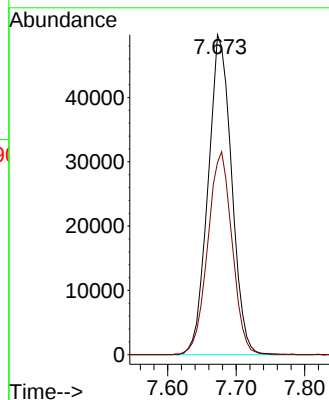
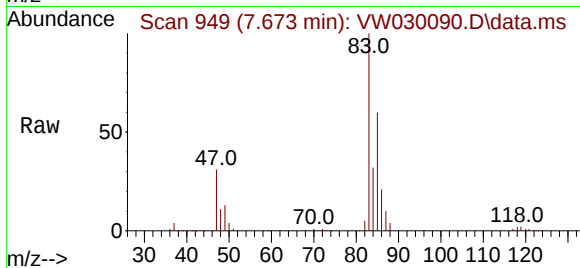
ClientSampleId :

Tgt Ion: 83 Resp: 118927

Ion Ratio Lower Upper

83 100

85 60.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 26.794 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030090.D

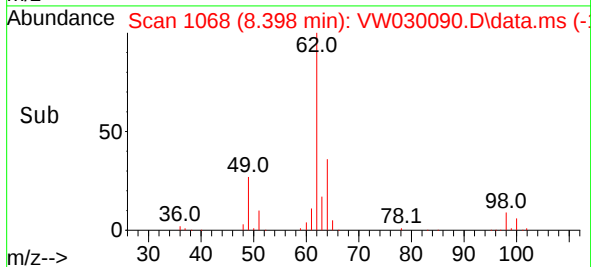
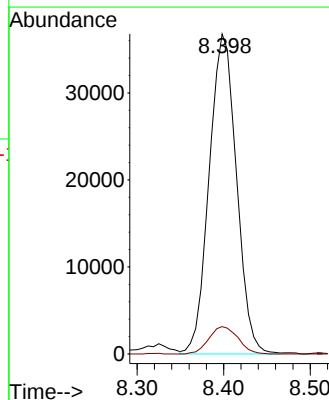
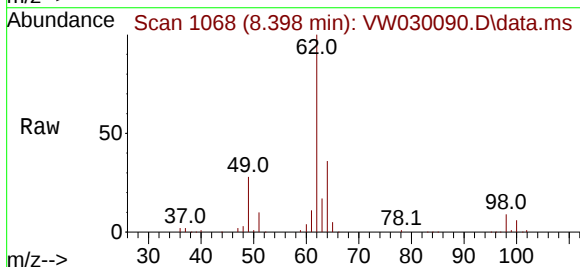
Acq: 28 Aug 2024 20:45

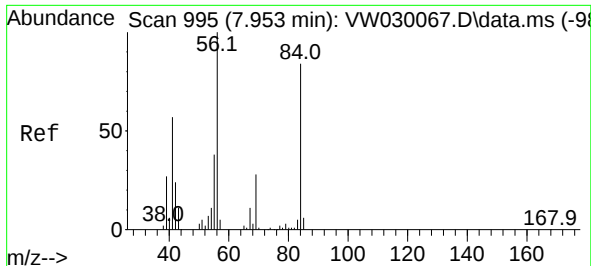
Tgt Ion: 62 Resp: 80627

Ion Ratio Lower Upper

62 100

98 8.5 7.7 11.5

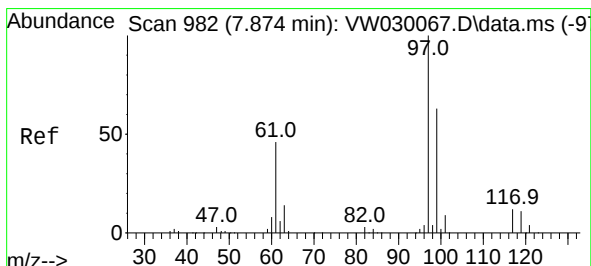
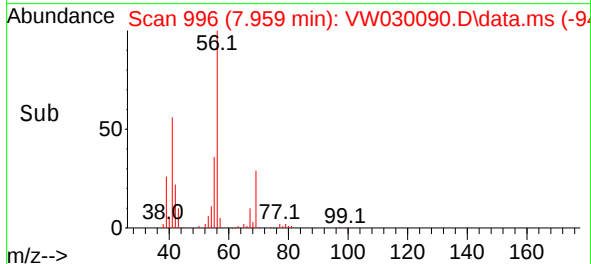
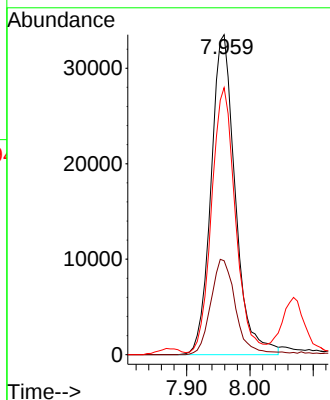
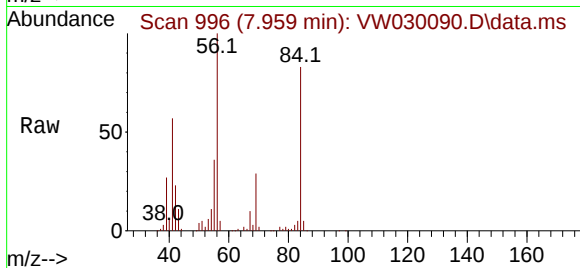




#29
Cyclohexane
Concen: 22.188 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

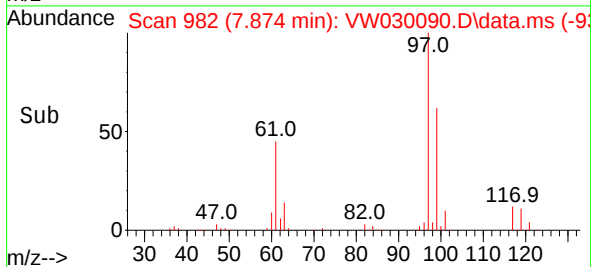
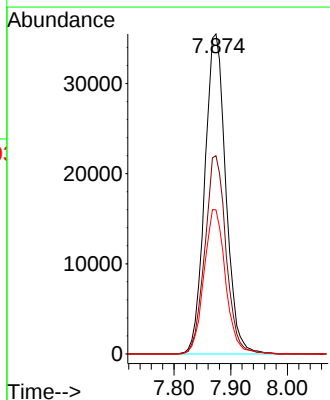
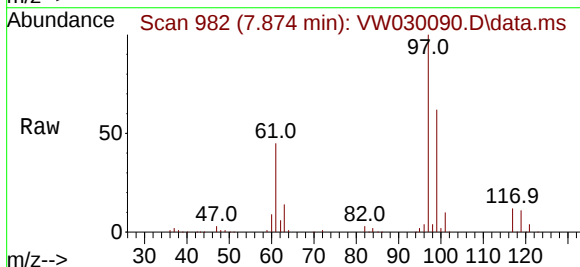
Instrument :
MSVOA_W
ClientSampleId :

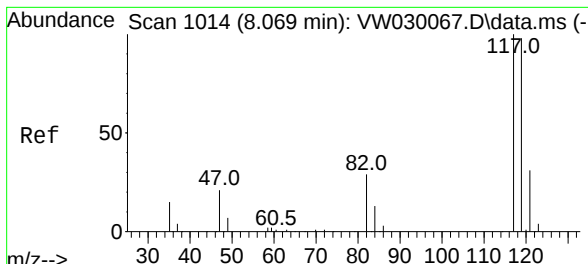
Tgt Ion: 56 Resp: 89202
Ion Ratio Lower Upper
56 100
69 30.3 24.4 36.6
84 82.6 68.1 102.1



#30
1,1,1-Trichloroethane
Concen: 23.467 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

Tgt Ion: 97 Resp: 91515
Ion Ratio Lower Upper
97 100
99 62.4 51.7 77.5
61 46.2 37.2 55.8

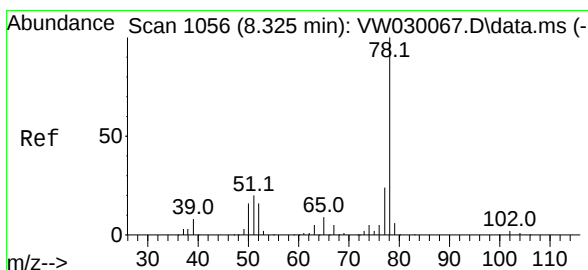
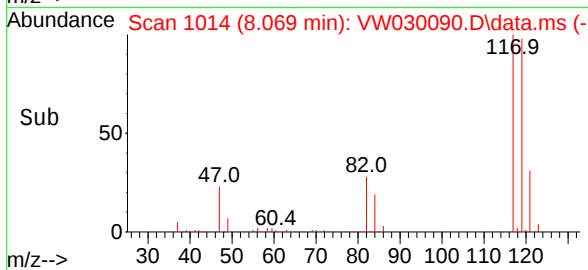
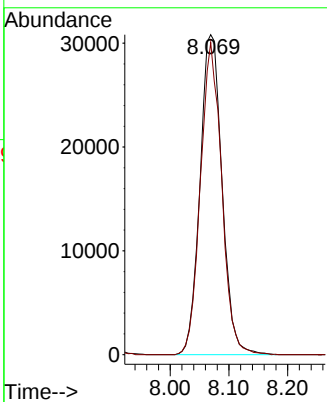
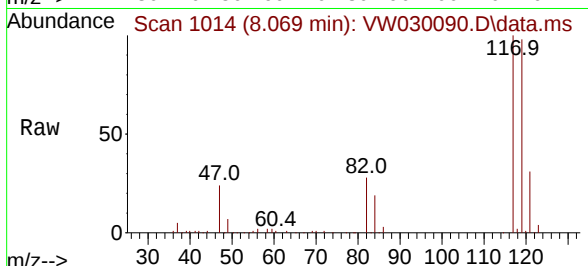




#31
Carbon tetrachloride
Concen: 22.961 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

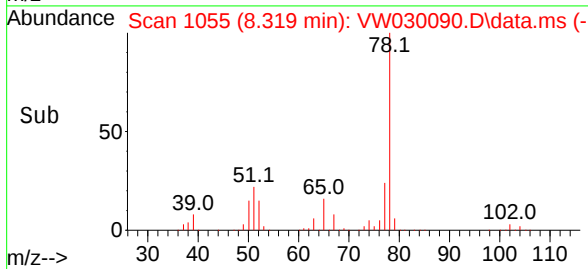
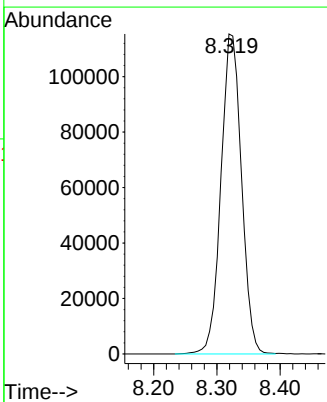
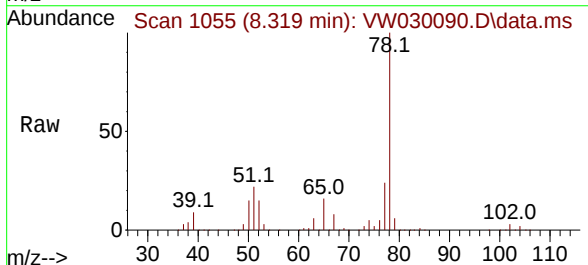
Instrument :
MSVOA_W
ClientSampleId :

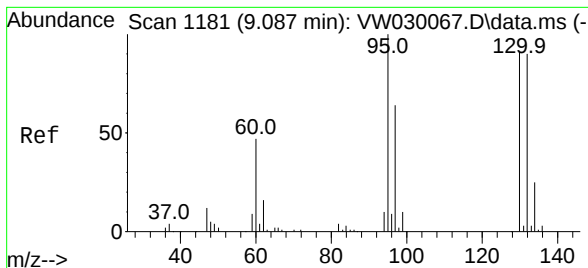
Tgt Ion:117 Resp: 80447
Ion Ratio Lower Upper
117 100
119 93.7 77.7 116.5



#33
Benzene
Concen: 24.378 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

Tgt Ion: 78 Resp: 260052





#34

Trichloroethene

Concen: 22.299 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 64053

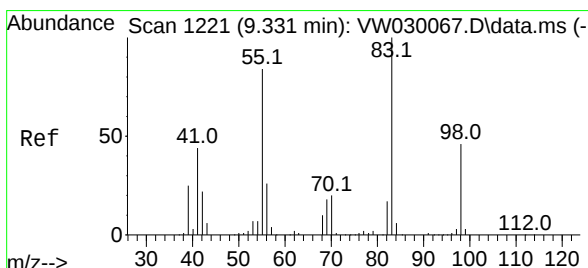
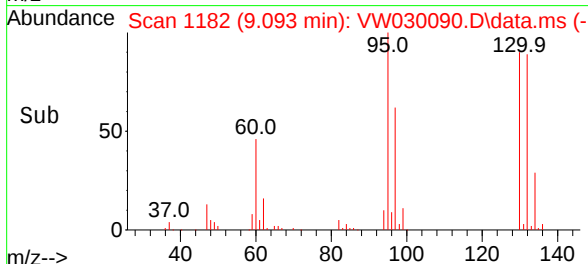
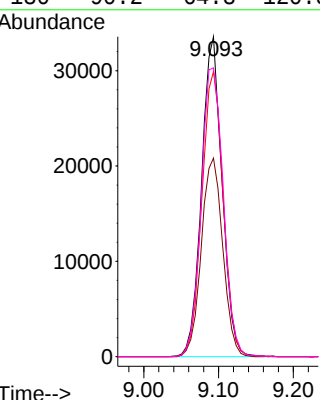
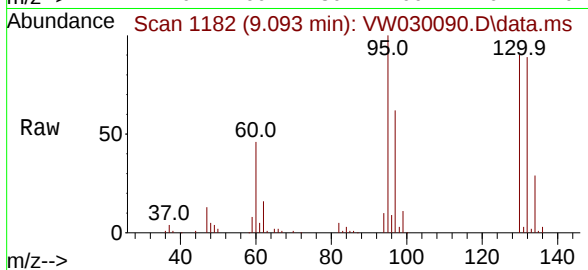
Ion Ratio Lower Upper

95 100

97 62.0 43.3 80.5

132 89.1 63.6 118.0

130 90.2 64.8 120.3



#35

Methylcyclohexane

Concen: 21.300 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

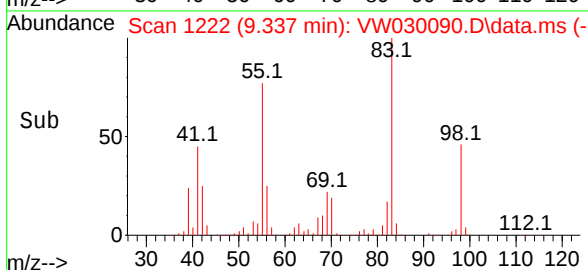
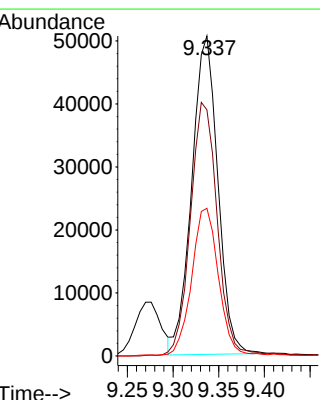
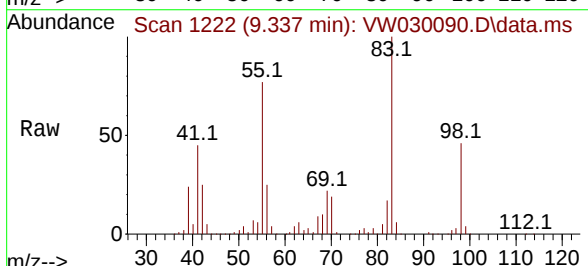
Tgt Ion: 83 Resp: 100204

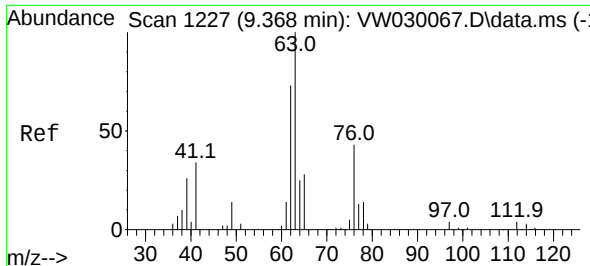
Ion Ratio Lower Upper

83 100

55 81.5 59.0 88.6

98 47.7 38.2 57.4





#37

1,2-Dichloropropane

Concen: 25.898 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

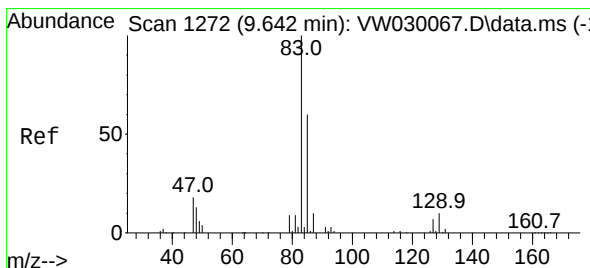
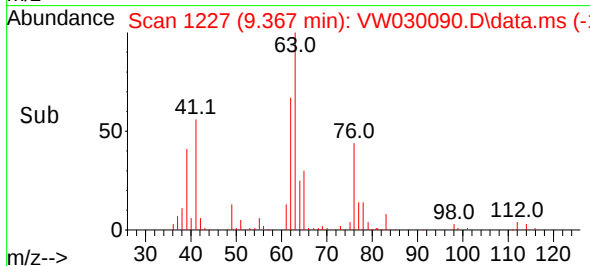
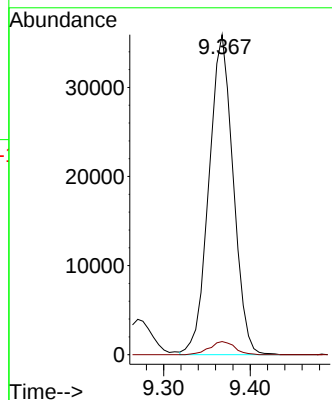
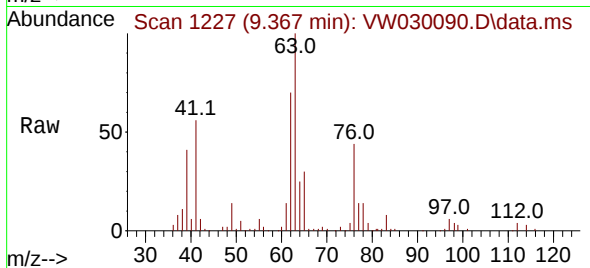
ClientSampleId :

Tgt Ion: 63 Resp: 69958

Ion Ratio Lower Upper

63 100

112 4.2 3.7 5.5



#38

Bromodichloromethane

Concen: 24.885 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

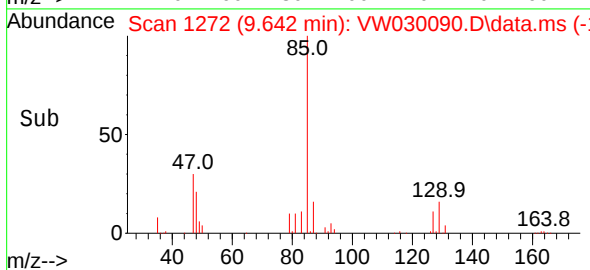
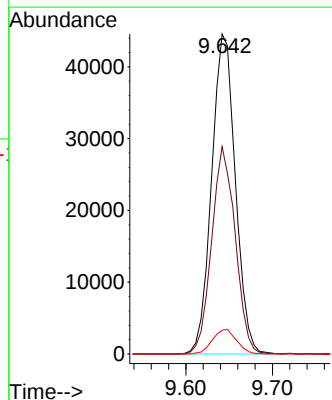
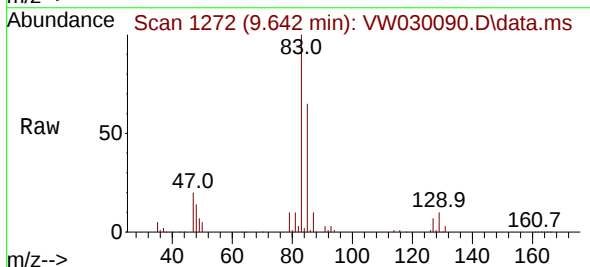
Tgt Ion: 83 Resp: 84817

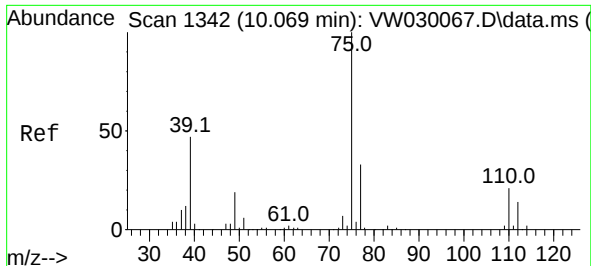
Ion Ratio Lower Upper

83 100

85 64.8 42.9 79.7

127 7.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 24.761 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

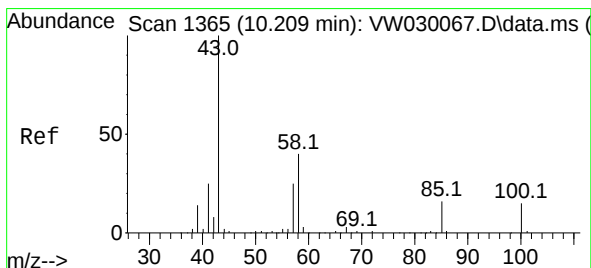
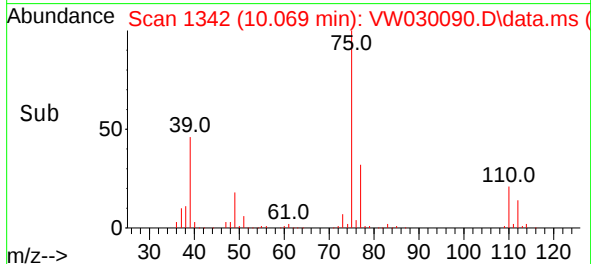
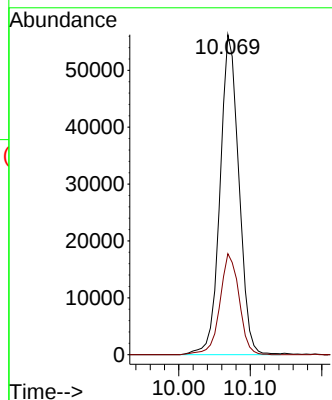
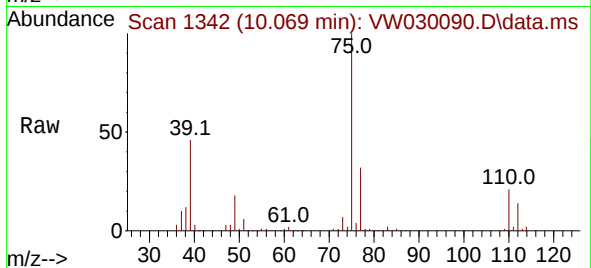
ClientSampleId :

Tgt Ion: 75 Resp: 102949

Ion Ratio Lower Upper

75 100

77 31.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 61.210 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

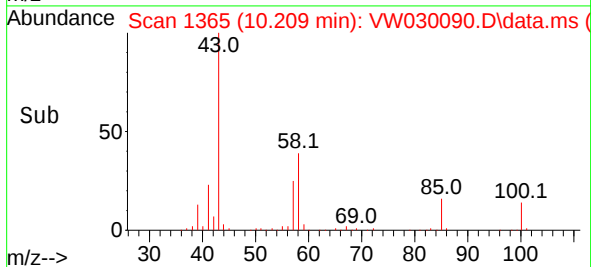
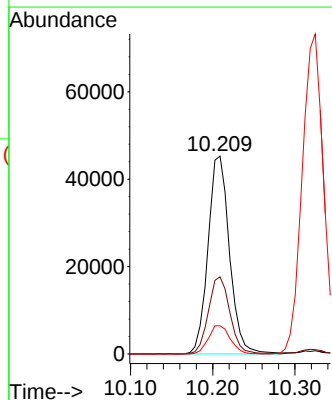
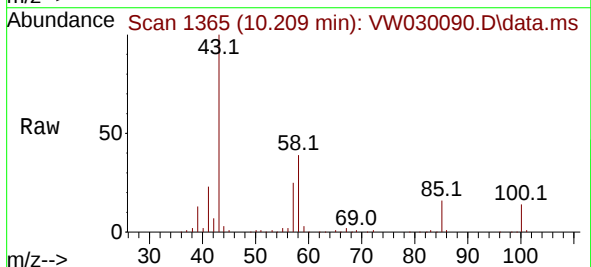
Tgt Ion: 43 Resp: 82306

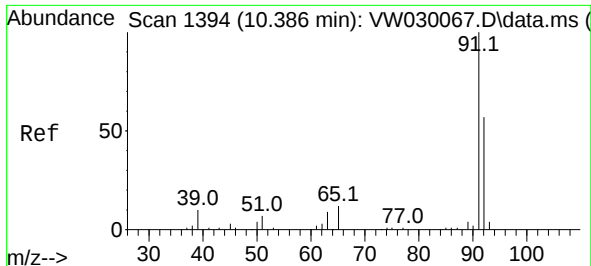
Ion Ratio Lower Upper

43 100

58 38.9 34.0 51.0

100 14.6 13.5 20.3





#42

Toluene

Concen: 23.993 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

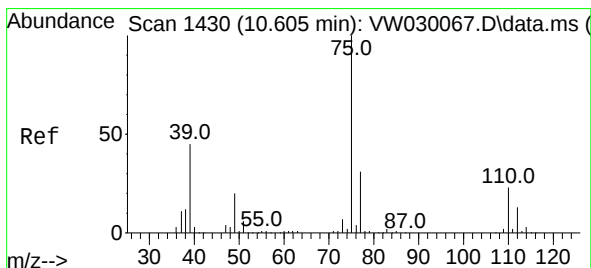
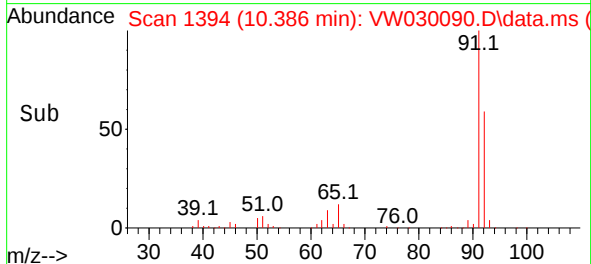
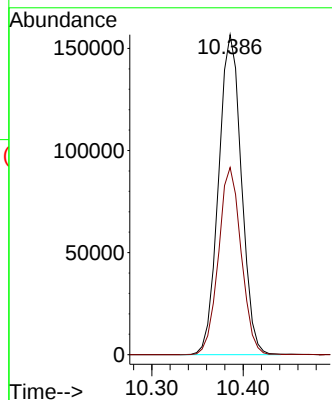
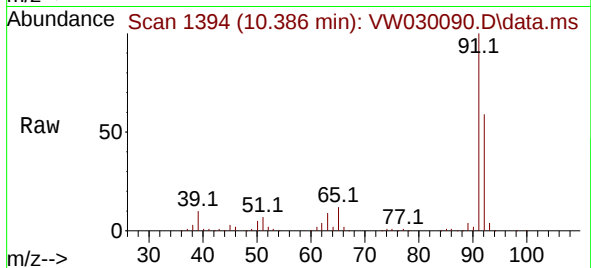
ClientSampleId :

Tgt Ion: 91 Resp: 272567

Ion Ratio Lower Upper

91 100

92 58.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.207 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030090.D

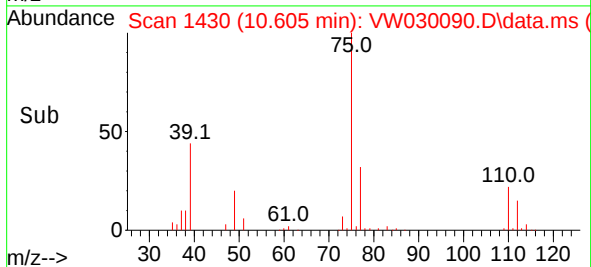
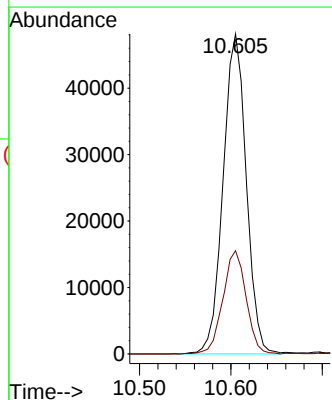
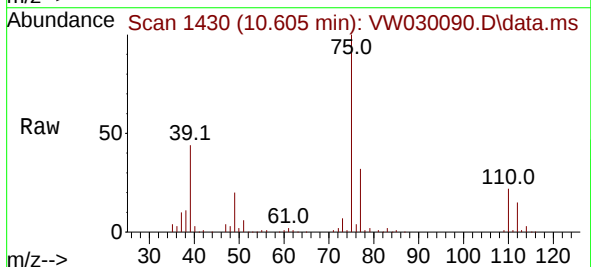
Acq: 28 Aug 2024 20:45

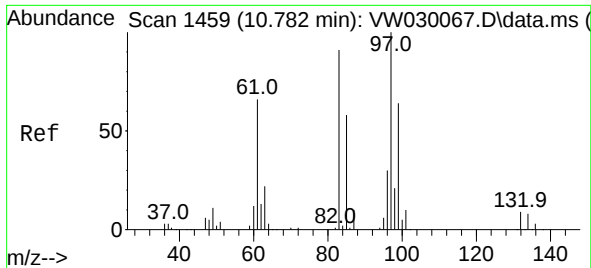
Tgt Ion: 75 Resp: 84805

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.066 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

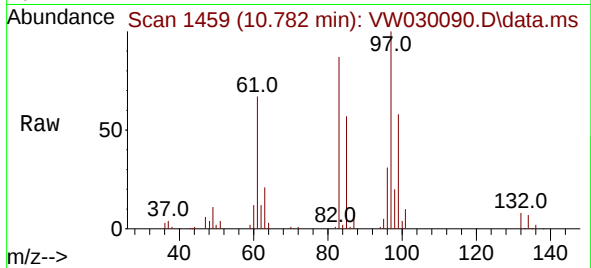
Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 49629

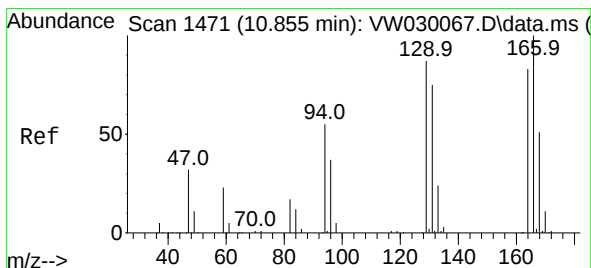
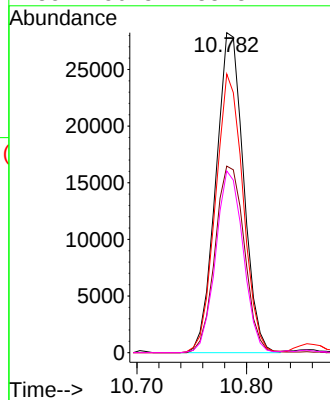
Ion Ratio Lower Upper

97 100

99 58.3 40.3 74.8

83 87.1 58.0 107.6

85 56.8 38.3 71.1



#46

Tetrachloroethene

Concen: 21.419 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Tgt Ion:164 Resp: 46697

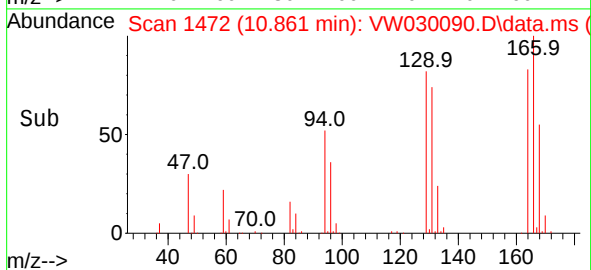
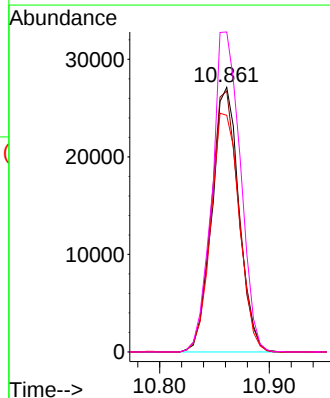
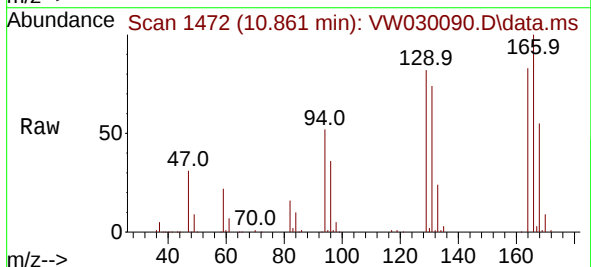
Ion Ratio Lower Upper

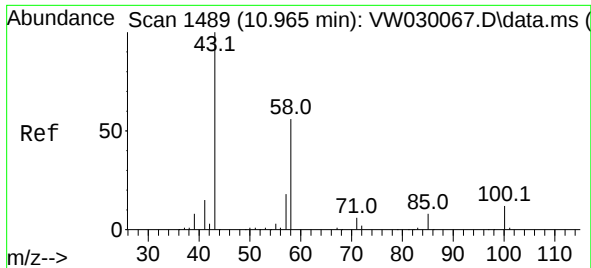
164 100

129 98.6 66.1 122.7

131 89.4 62.6 116.2

166 120.9 81.2 150.8

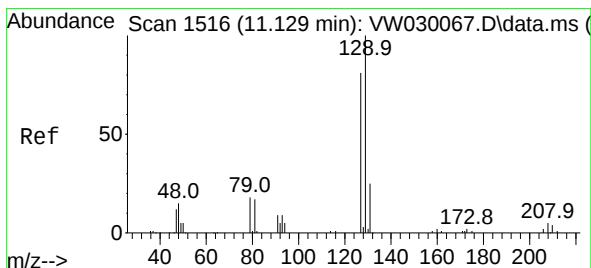
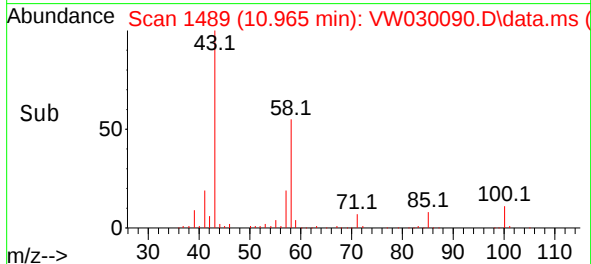
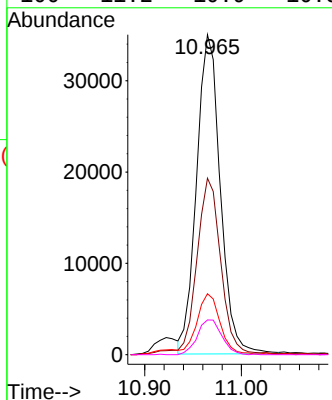
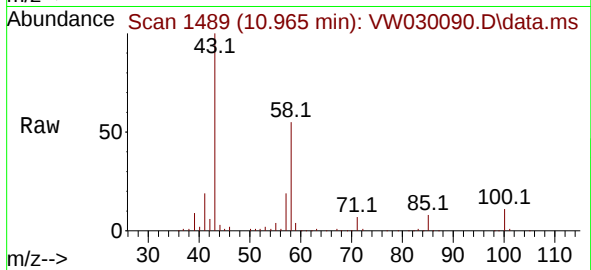




#48
2-Hexanone
Concen: 62.587 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

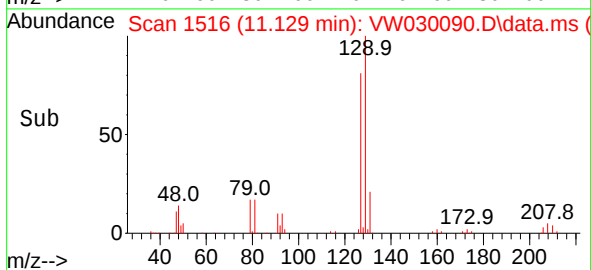
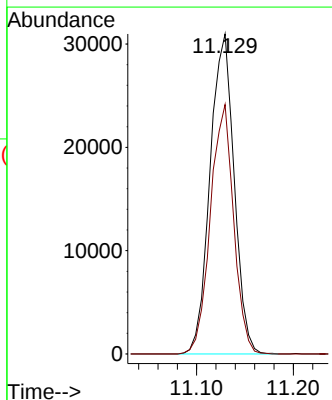
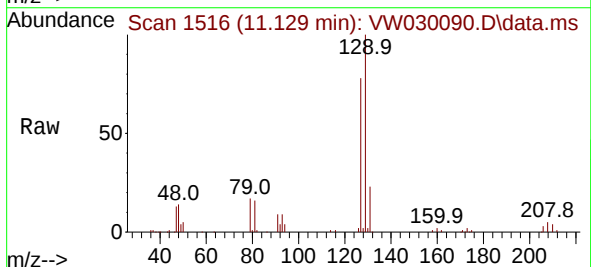
Instrument :
MSVOA_W
ClientSampleId :

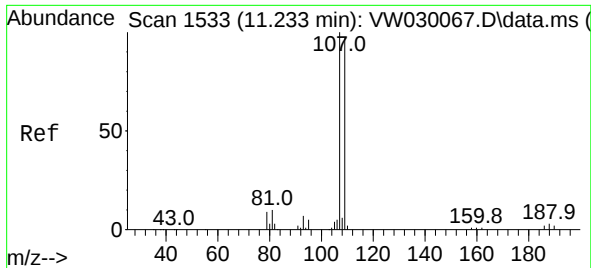
Tgt Ion:	43	Resp:	59828
Ion	Ratio	Lower	Upper
43	100		
58	54.0	50.0	75.0
57	18.8	17.3	25.9
100	11.2	10.9	16.3



#49
Dibromochloromethane
Concen: 25.445 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

Tgt Ion:	129	Resp:	53529
Ion	Ratio	Lower	Upper
129	100		
127	78.0	51.8	96.2





#50

1,2-Dibromoethane

Concen: 24.728 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

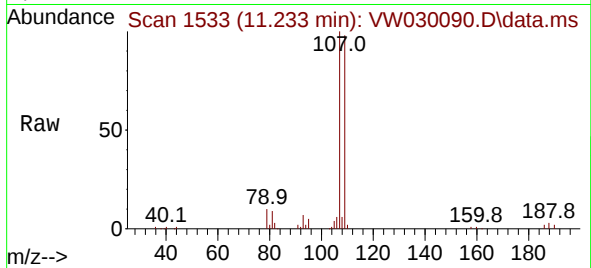
Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

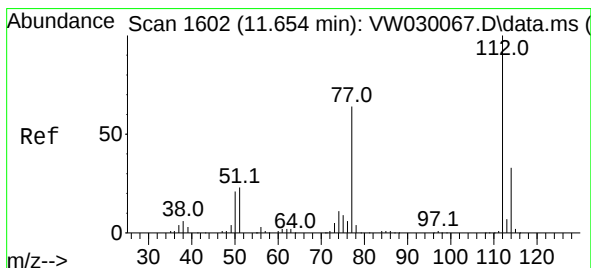
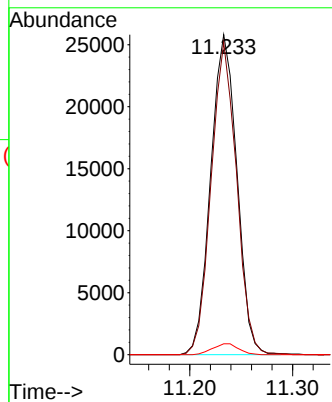
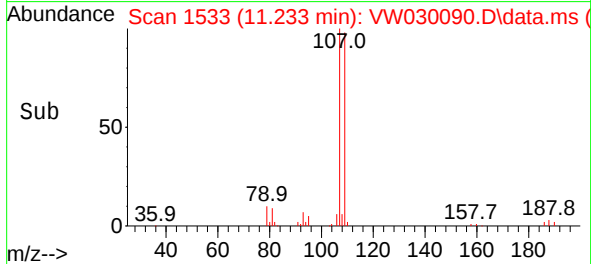
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	45734
Ion	Ratio	Lower	Upper
107	100		
109	97.6	61.7	114.5
188	3.4	3.1	4.7



#51

Chlorobenzene

Concen: 23.260 ug/L

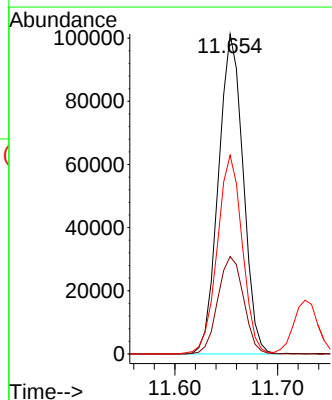
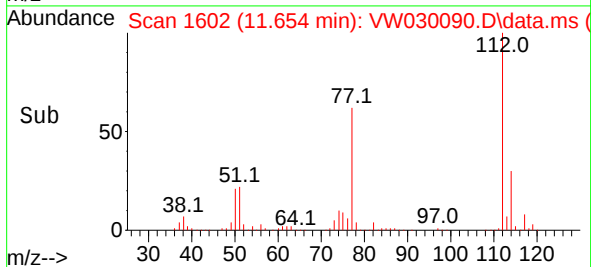
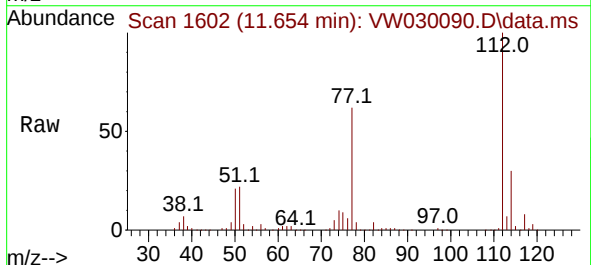
RT: 11.654 min Scan# 1602

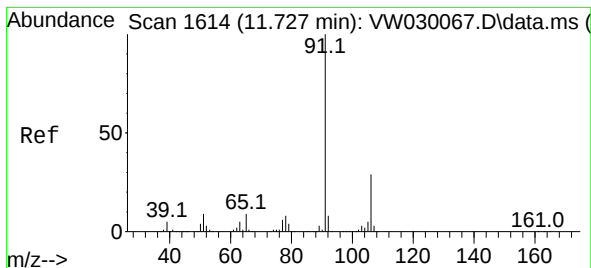
Delta R.T. 0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Tgt Ion:	112	Resp:	168956
Ion	Ratio	Lower	Upper
112	100		
114	30.5	20.9	38.9
77	62.1	47.1	70.7





#52

Ethylbenzene

Concen: 24.334 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

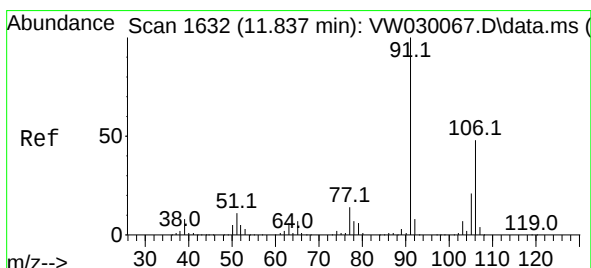
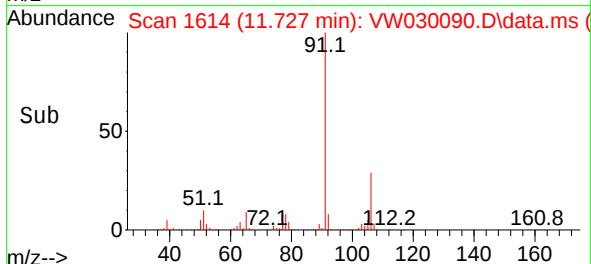
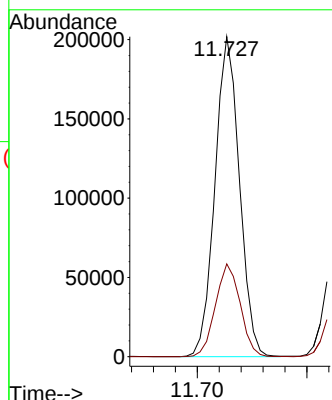
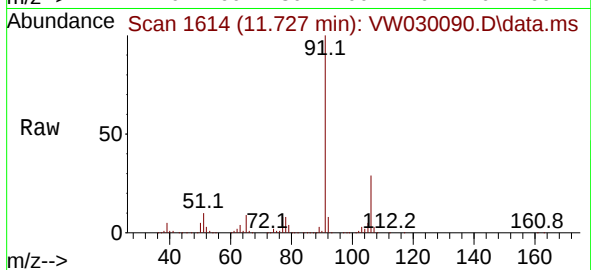
ClientSampleId :

Tgt Ion: 91 Resp: 313221

Ion Ratio Lower Upper

91 100

106 29.0 22.0 41.0



#53

m,p-Xylene

Concen: 23.450 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030090.D

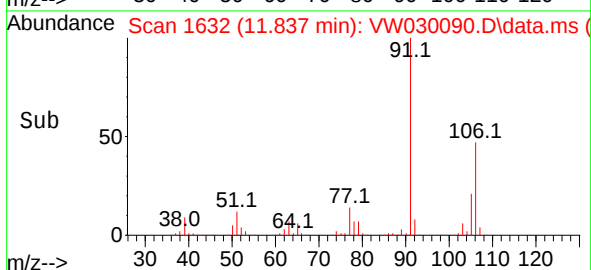
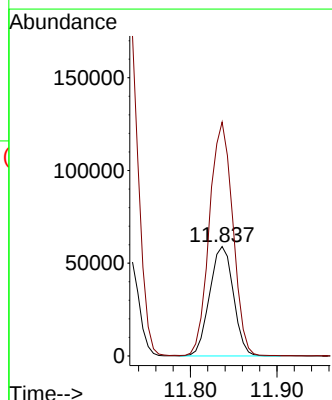
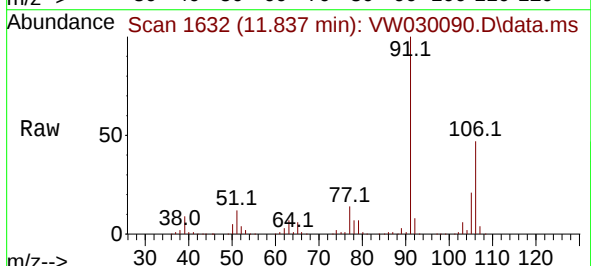
Acq: 28 Aug 2024 20:45

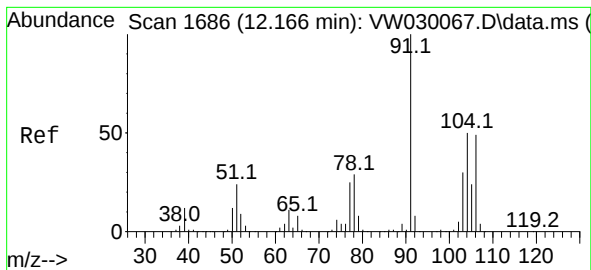
Tgt Ion:106 Resp: 112647

Ion Ratio Lower Upper

106 100

91 213.6 146.7 272.4





#54

o-Xylene

Concen: 23.552 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

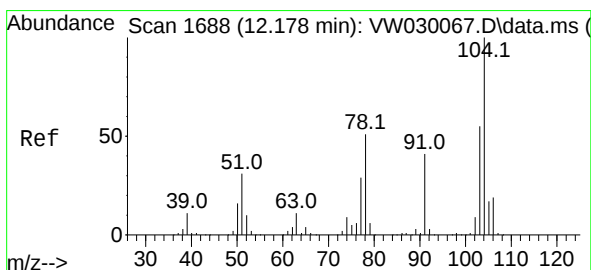
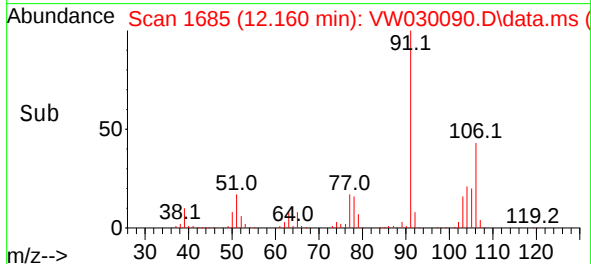
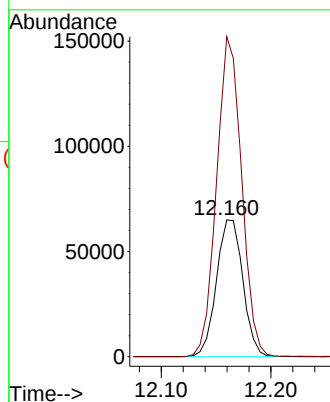
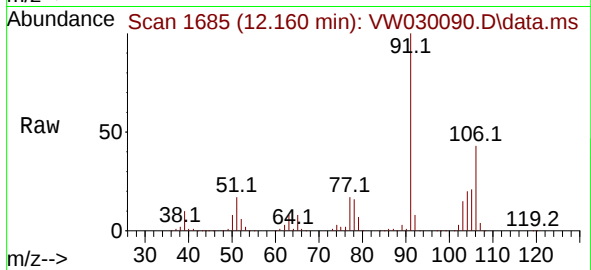
ClientSampleId :

Tgt Ion:106 Resp: 108584

Ion Ratio Lower Upper

106 100

91 233.8 153.9 285.7



#55

Styrene

Concen: 24.531 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030090.D

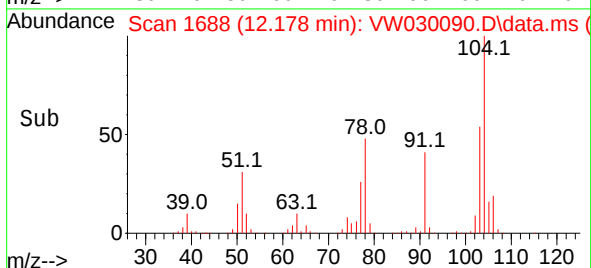
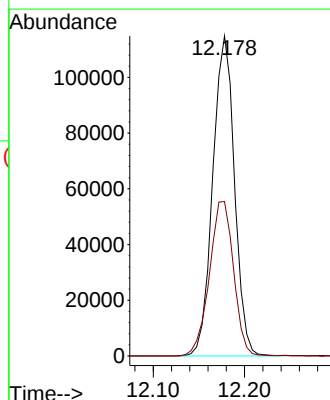
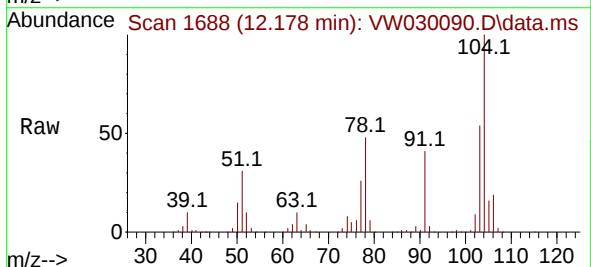
Acq: 28 Aug 2024 20:45

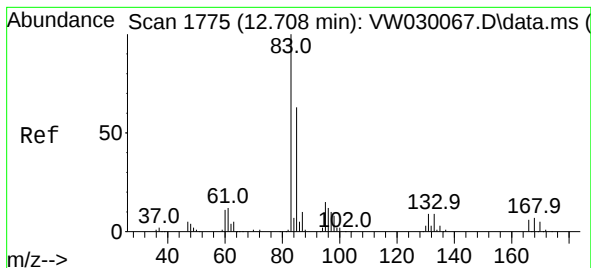
Tgt Ion:104 Resp: 189500

Ion Ratio Lower Upper

104 100

78 48.3 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.345 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

ClientSampleId :

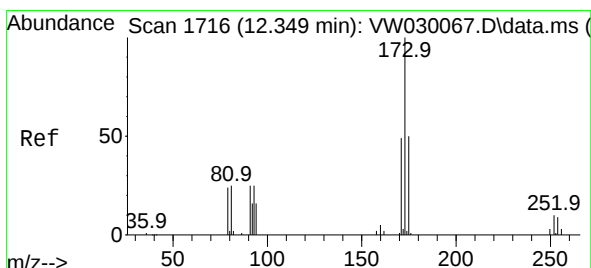
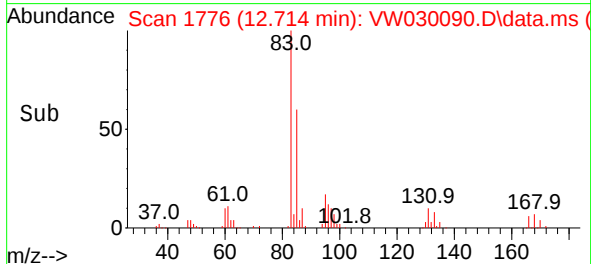
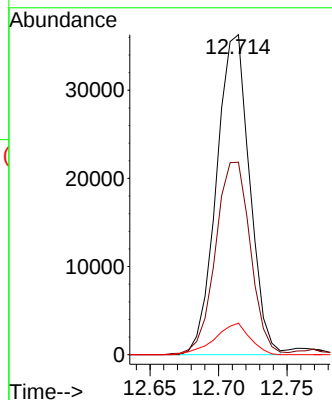
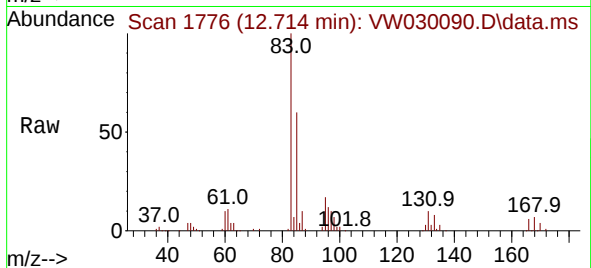
Tgt Ion: 83 Resp: 60969

Ion Ratio Lower Upper

83 100

85 60.2 44.0 81.8

131 9.9 7.3 10.9



#59

Bromoform

Concen: 22.785 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

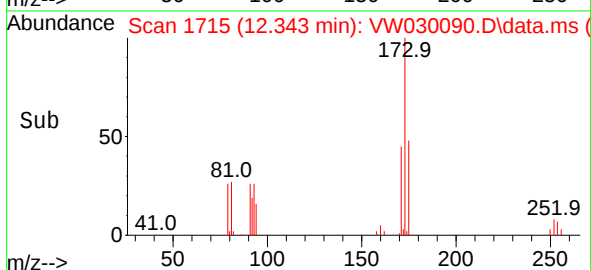
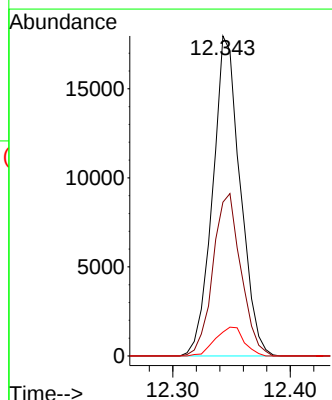
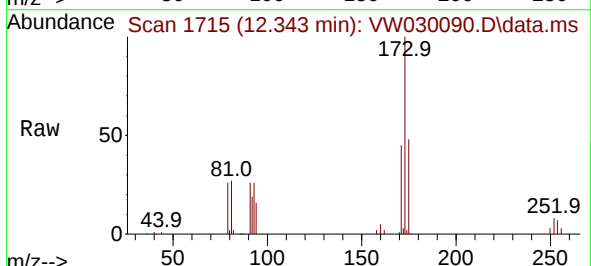
Tgt Ion:173 Resp: 29264

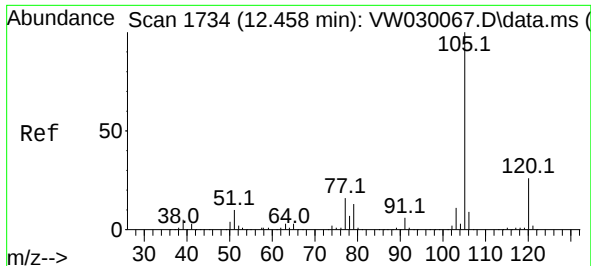
Ion Ratio Lower Upper

173 100

175 51.4 41.4 62.2

254 9.4 8.6 13.0





#60

Isopropylbenzene

Concen: 21.288 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

ClientSampleId :

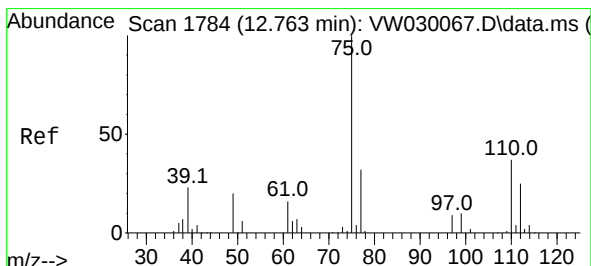
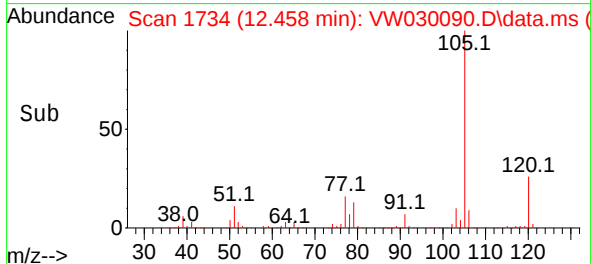
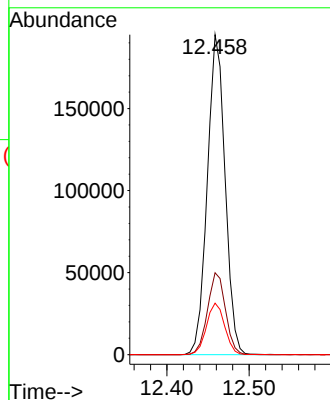
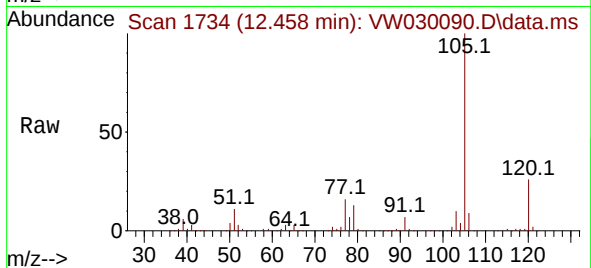
Tgt Ion:105 Resp: 292915

Ion Ratio Lower Upper

105 100

120 25.8 20.6 30.8

77 16.6 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 24.915 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

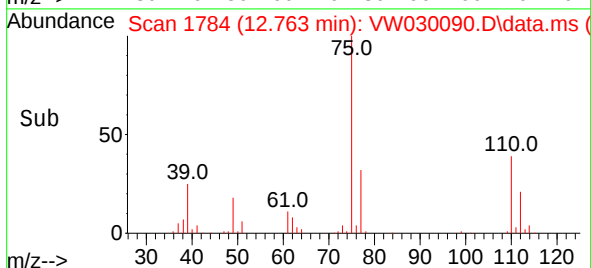
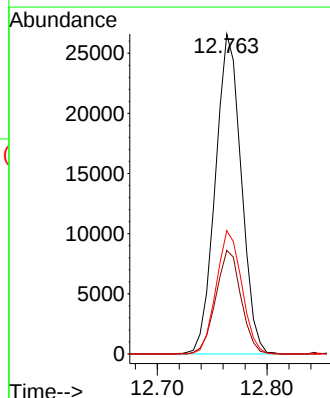
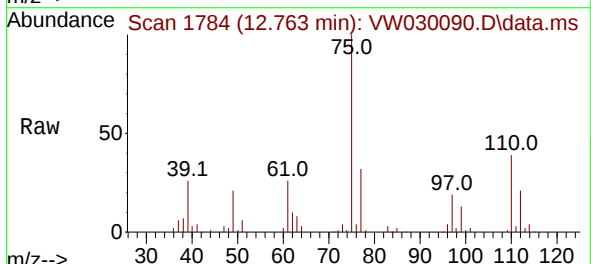
Tgt Ion: 75 Resp: 43692

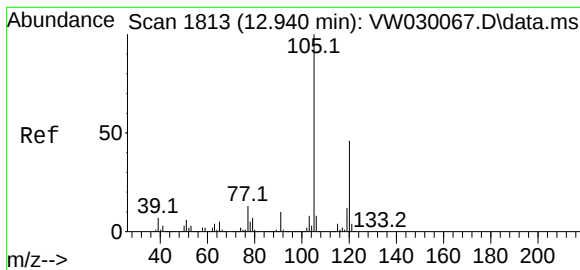
Ion Ratio Lower Upper

75 100

77 31.7 26.0 39.0

110 37.9 31.0 46.4

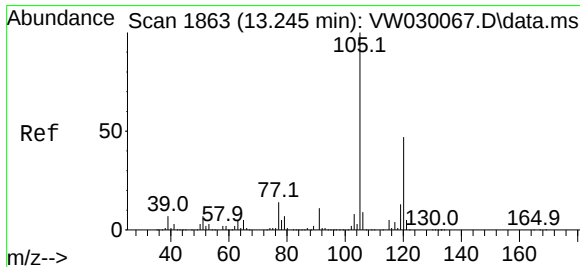
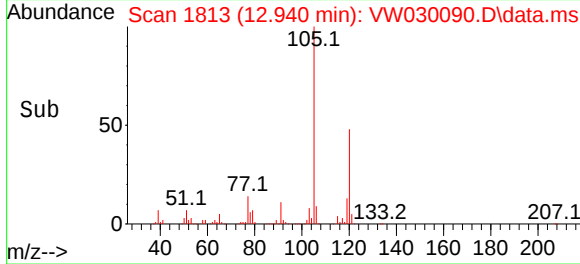
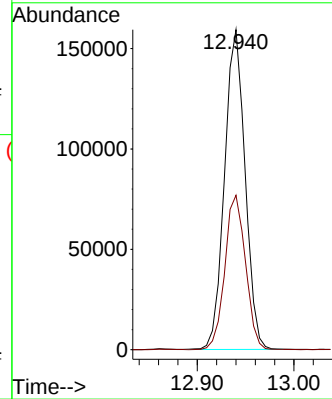
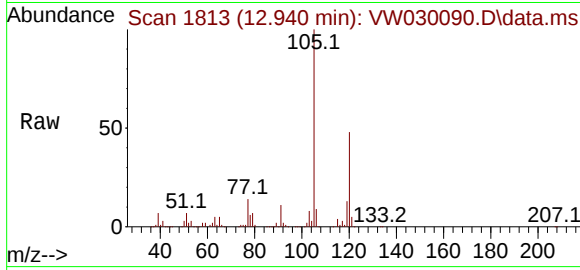




#62
1,3,5-Trimethylbenzene
Concen: 22.950 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

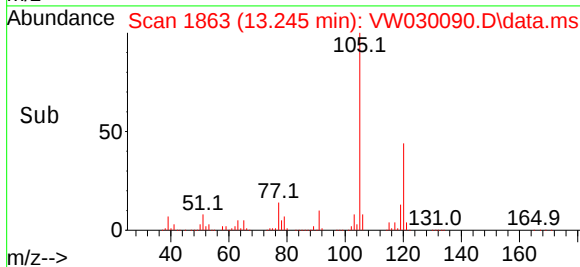
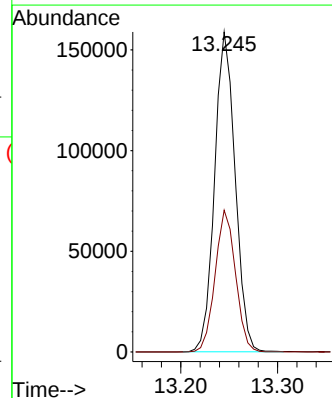
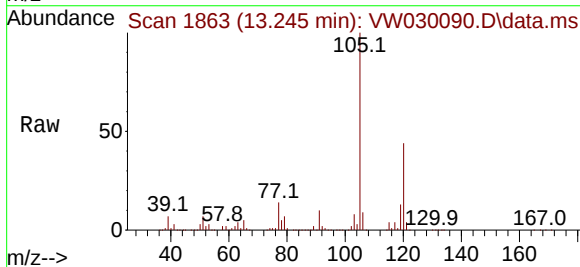
Instrument :
MSVOA_W
ClientSampleId :

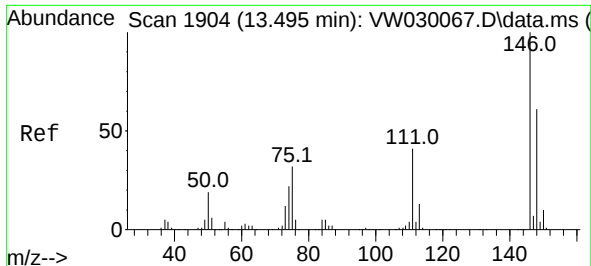
Tgt Ion:105 Resp: 234798
Ion Ratio Lower Upper
105 100
120 48.6 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 21.749 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

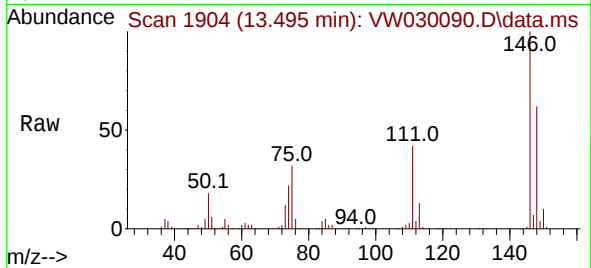
Tgt Ion:105 Resp: 234537
Ion Ratio Lower Upper
105 100
120 44.0 36.3 54.5



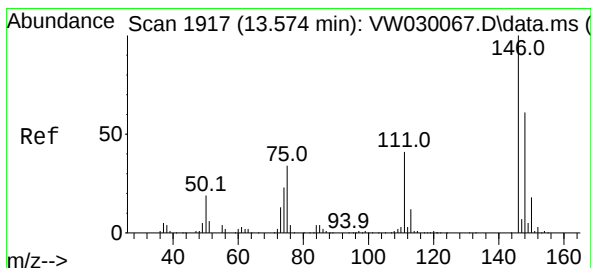
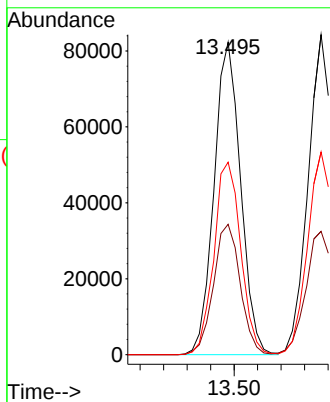
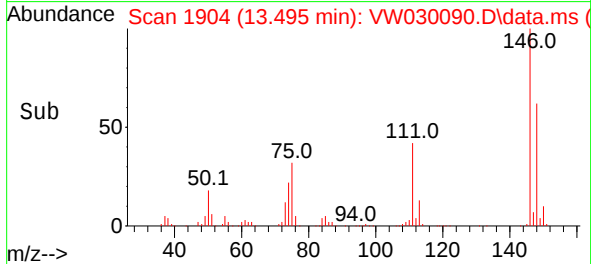


#64
1,3-Dichlorobenzene
Concen: 22.048 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45

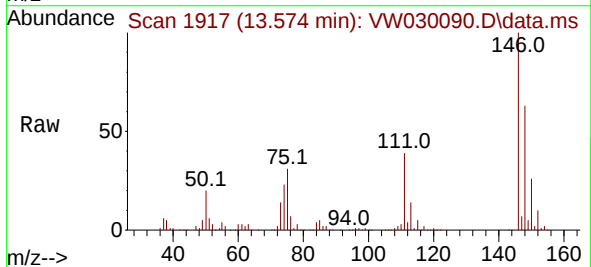
Instrument :
MSVOA_W
ClientSampleId :



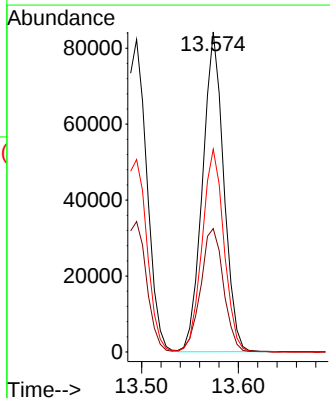
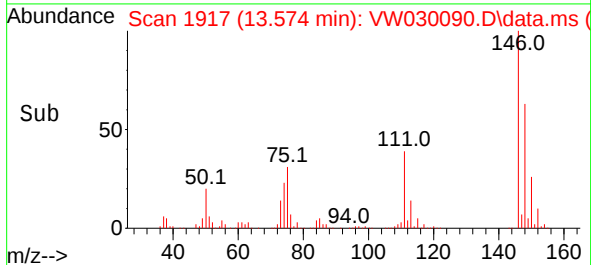
Tgt Ion:146 Resp: 129328
Ion Ratio Lower Upper
146 100
111 41.7 29.1 54.1
148 61.6 43.9 81.5

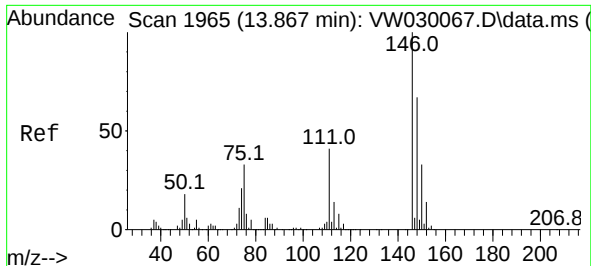


#65
1,4-Dichlorobenzene
Concen: 21.701 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030090.D
Acq: 28 Aug 2024 20:45



Tgt Ion:146 Resp: 128598
Ion Ratio Lower Upper
146 100
111 38.5 28.2 52.4
148 63.3 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 22.205 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

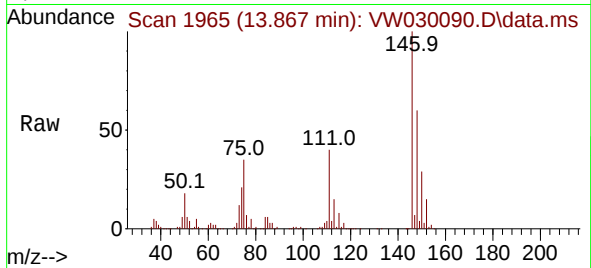
Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

ClientSampleId :



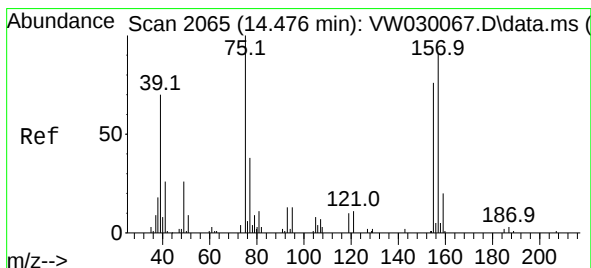
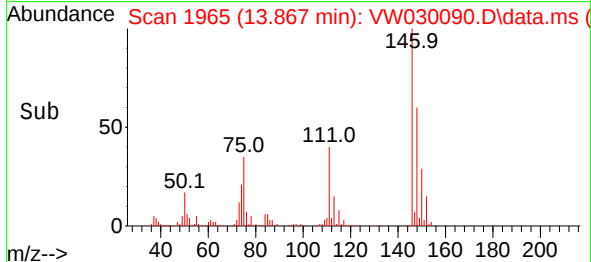
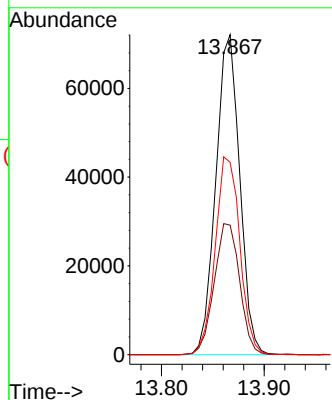
Tgt Ion:146 Resp: 116516

Ion Ratio Lower Upper

146 100

111 40.5 34.7 52.1

148 60.1 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.015 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

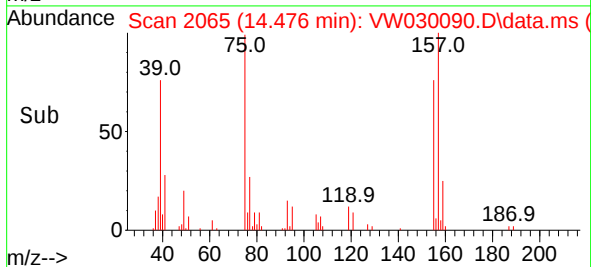
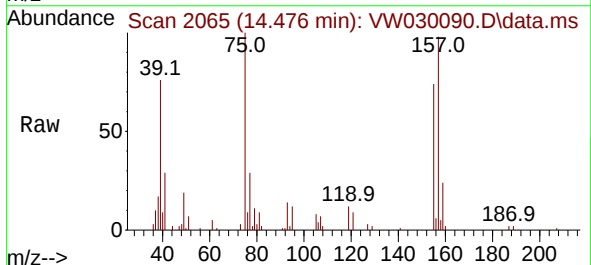
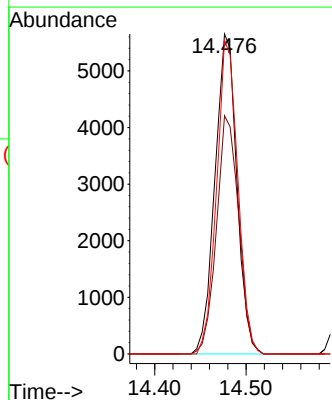
Tgt Ion: 75 Resp: 9390

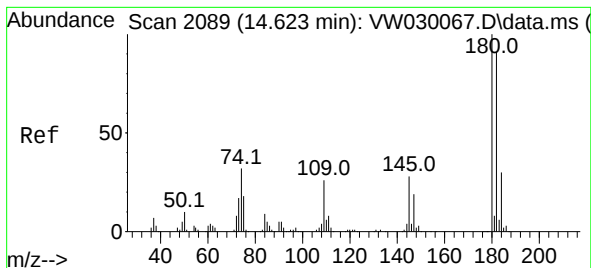
Ion Ratio Lower Upper

75 100

155 74.5 62.8 94.2

157 98.0 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 21.232 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

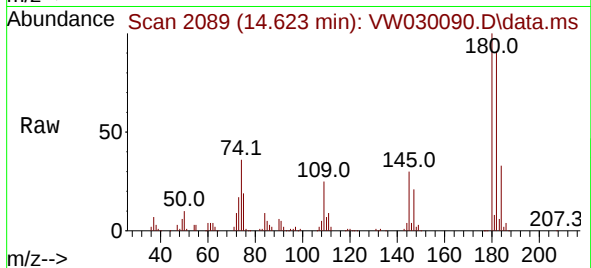
Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 81311

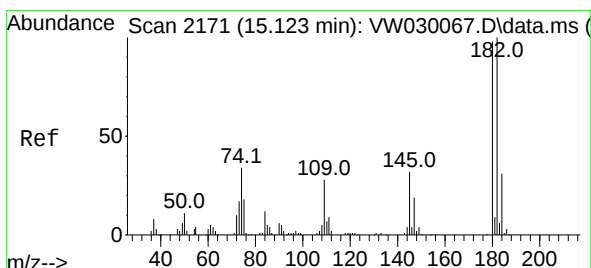
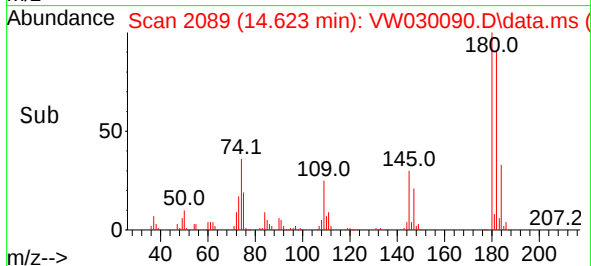
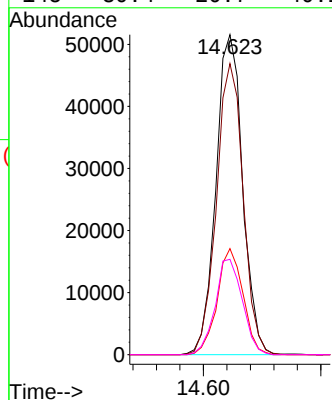
Ion Ratio Lower Upper

180 100

182 90.9 79.7 119.5

184 32.1 25.1 37.7

145 30.4 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 20.402 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

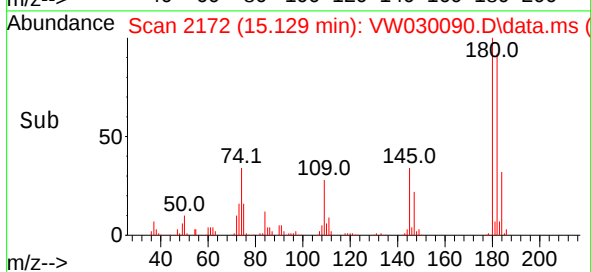
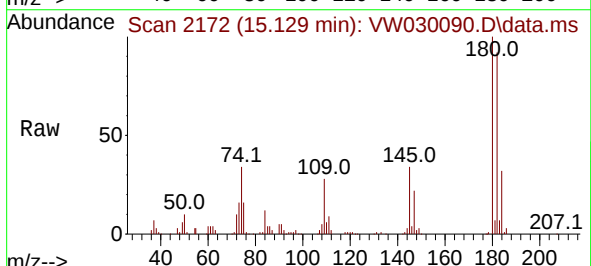
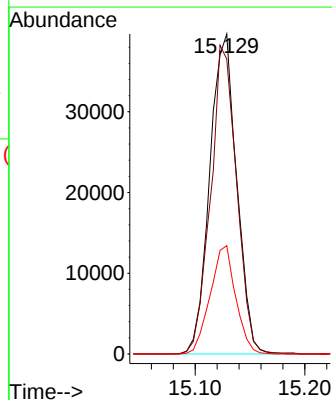
Tgt Ion:180 Resp: 67626

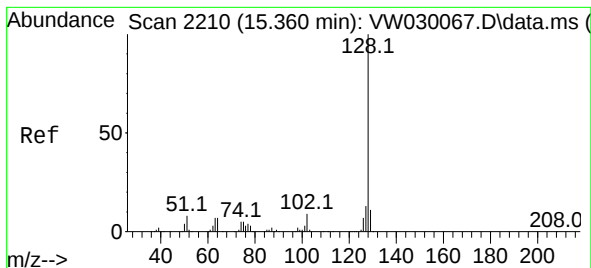
Ion Ratio Lower Upper

180 100

182 93.0 75.3 112.9

145 32.2 24.7 37.1





#71

Naphthalene

Concen: 23.246 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Instrument :

MSVOA_W

ClientSampleId :

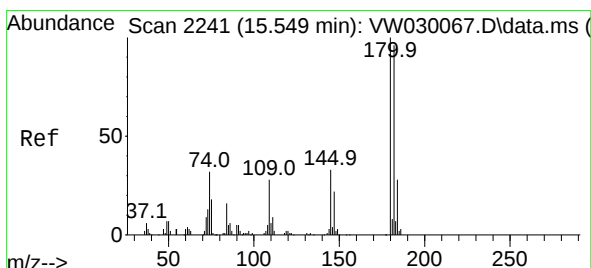
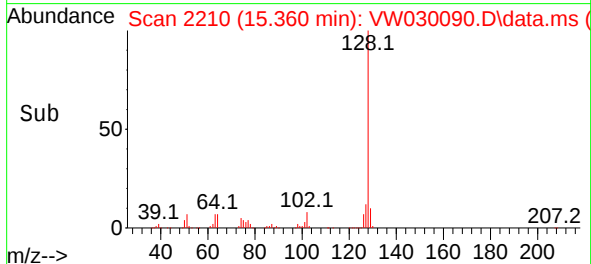
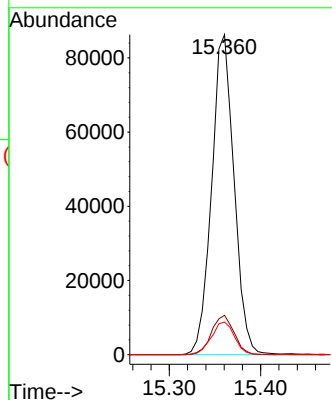
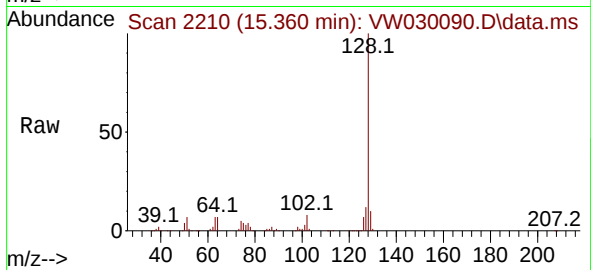
Tgt Ion:128 Resp: 147133

Ion Ratio Lower Upper

128 100

127 12.5 10.6 15.8

129 10.5 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 22.655 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW030090.D

Acq: 28 Aug 2024 20:45

Tgt Ion:180 Resp: 65912

Ion Ratio Lower Upper

180 100

182 95.2 77.2 115.8

145 32.7 26.5 39.7

