

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030030.D
 Acq On : 27 Aug 2024 08:29
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:07:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 27 05:31:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	319622	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	280655	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	136281	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	116899	24.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.320%
7) Chloroethane-d5	2.905	69	81537	24.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	4.027	65	49813	24.513	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.040%
21) 2-Butanone-d5	7.081	46	44352	46.778	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.560%
24) Chloroform-d	7.648	84	207502	24.074	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.280%
26) 1,2-Dichloroethane-d4	8.307	65	105767	24.166	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.680%
32) Benzene-d6	8.270	84	414739	25.035	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.160%
36) 1,2-Dichloropropane-d6	9.276	67	122384	25.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.880%
41) Toluene-d8	10.325	98	376398	24.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.840%
43) trans-1,3-Dichloroprop...	10.575	79	50673	25.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.520%
47) 2-Hexanone-d5	10.922	63	38394	51.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91468	25.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	114172	23.162	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	82730	22.505	ug/L	100
3) Chloromethane	2.229	50	98954	23.156	ug/L	96
5) Vinyl chloride	2.375	62	121832	24.120	ug/L	97
6) Bromomethane	2.796	94	69377	22.102	ug/L	93
8) Chloroethane	2.942	64	67608	23.228	ug/L	99
9) Trichlorofluoromethane	3.271	101	98959	22.624	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	37855	9.046	ug/L #	1
12) 1,1-Dichloroethene	4.045	96	94420	23.046	ug/L	98
13) Acetone	4.131	43	55355	63.830	ug/L	99
14) Carbon disulfide	4.387	76	306350	24.104	ug/L	100
15) Methyl Acetate	4.673	43	37568	22.219	ug/L	98
16) Methylene chloride	4.923	84	107468	20.354	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	99604	21.983	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	146848	21.193	ug/L	99
19) 1,1-Dichloroethane	6.222	63	185643	22.049	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	107670	21.500	ug/L	95
22) 2-Butanone	7.173	43	64095	51.649	ug/L	96
23) Bromochloromethane	7.520	128	45073	21.220	ug/L	98
25) Chloroform	7.679	83	186329	21.636	ug/L	97

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 Response via : Initial Calibration

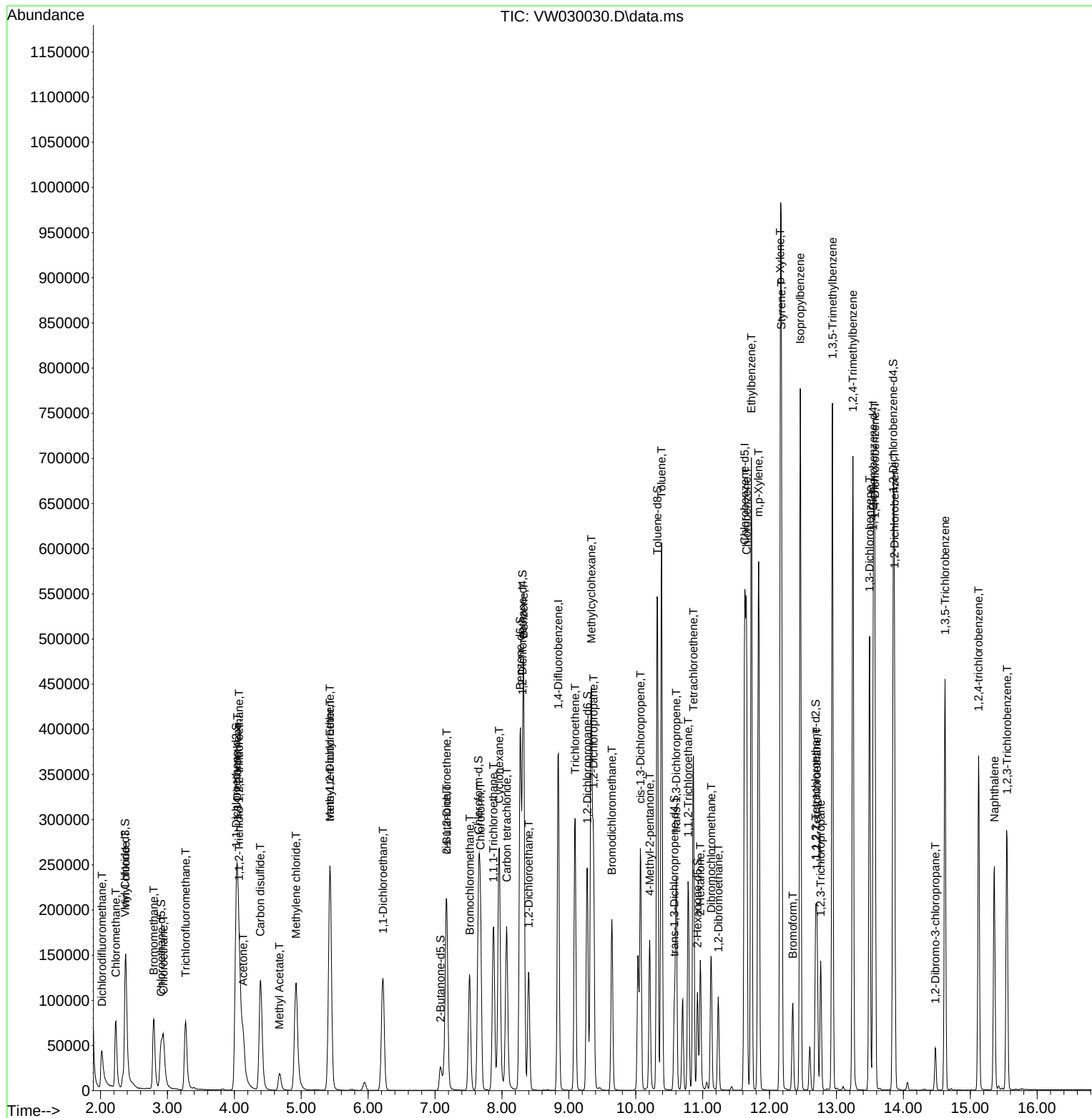
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	120598	21.877	ug/L	99
29) Cyclohexane	7.959	56	166504	24.570	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	151712	23.079	ug/L	99
31) Carbon tetrachloride	8.069	117	135493	22.942	ug/L	99
33) Benzene	8.325	78	414131	23.031	ug/L	100
34) Trichloroethene	9.093	95	109254	22.564	ug/L	96
35) Methylcyclohexane	9.337	83	188017	23.709	ug/L	97
37) 1,2-Dichloropropane	9.368	63	105840	23.244	ug/L	99
38) Bromodichloromethane	9.642	83	128385	22.346	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	161608	23.059	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	107620	47.480	ug/L	98
42) Toluene	10.386	91	440287	22.992	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	131507	23.189	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	74541	22.335	ug/L	96
46) Tetrachloroethene	10.861	164	85030	23.138	ug/L	97
48) 2-Hexanone	10.965	43	90689	56.282	ug/L	93
49) Dibromochloromethane	11.130	129	81232	22.907	ug/L	96
50) 1,2-Dibromoethane	11.233	107	69886	22.417	ug/L	96
51) Chlorobenzene	11.654	112	268596	21.937	ug/L	97
52) Ethylbenzene	11.727	91	490865	22.623	ug/L	96
53) m,p-Xylene	11.837	106	185429	22.900	ug/L	99
54) o-Xylene	12.160	106	176144	22.665	ug/L	97
55) Styrene	12.178	104	299403	22.993	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	84540	22.494	ug/L	99
59) Bromoform	12.349	173	44159	21.759	ug/L	97
60) Isopropylbenzene	12.459	105	491818	22.620	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	60672	21.895	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	392050	24.251	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	377563	22.158	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	205906	22.215	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	206229	22.025	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	181908	21.939	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	12883	21.719	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	133602	22.078	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	117425	22.420	ug/L	97
71) Naphthalene	15.361	128	209551	20.952	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	94204	20.491	ug/L	99

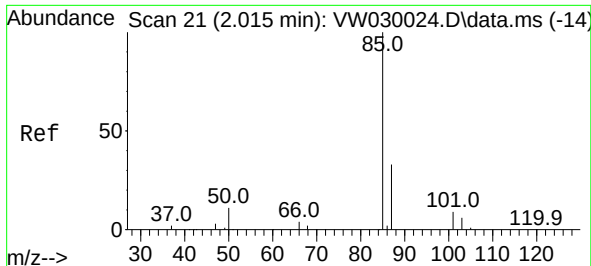
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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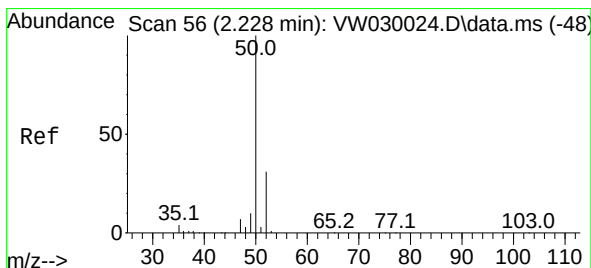
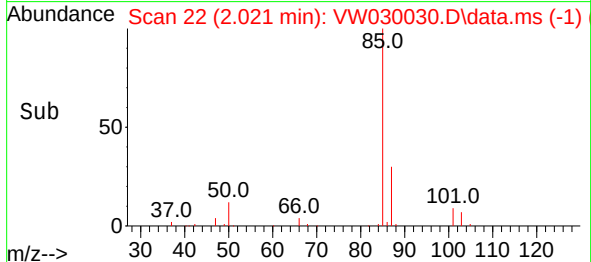
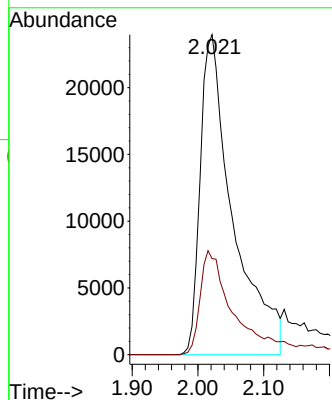
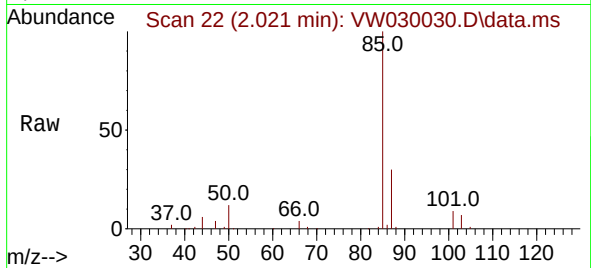




#2
Dichlorodifluoromethane
Concen: 22.505 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

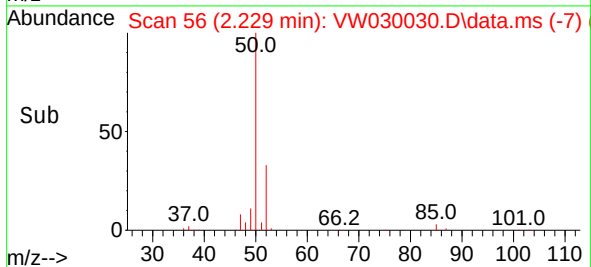
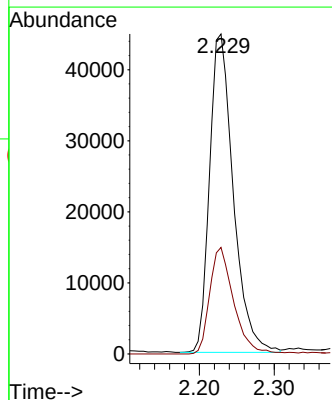
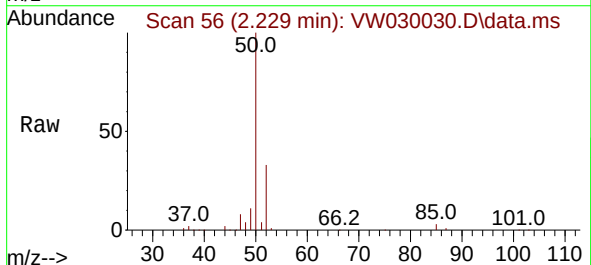
Instrument :
MSVOA_W
ClientSampleId :

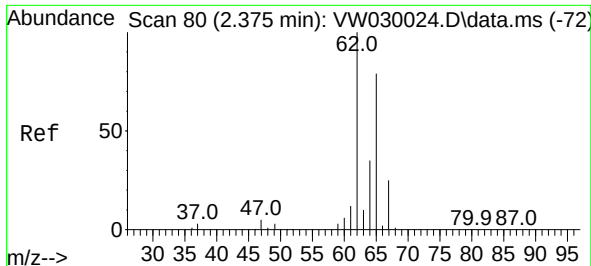
Tgt Ion: 85 Resp: 82730
Ion Ratio Lower Upper
85 100
87 30.2 24.2 36.2



#3
Chloromethane
Concen: 23.156 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

Tgt Ion: 50 Resp: 98954
Ion Ratio Lower Upper
50 100
52 33.3 21.6 40.2

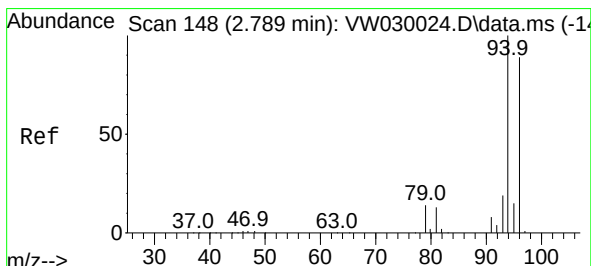
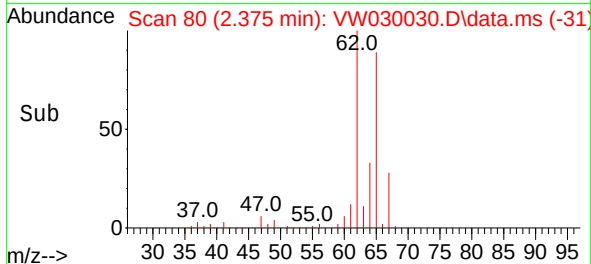
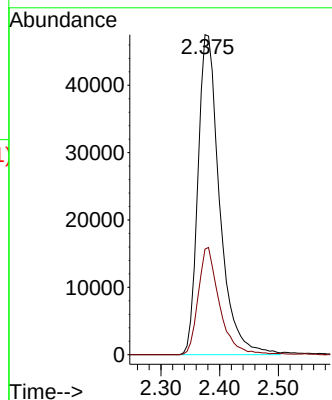
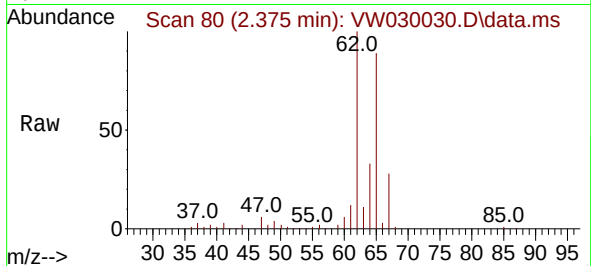




#5
 Vinyl chloride
 Concen: 24.120 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030030.D
 Acq: 27 Aug 2024 08:29

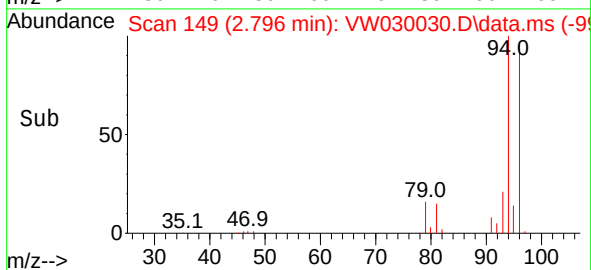
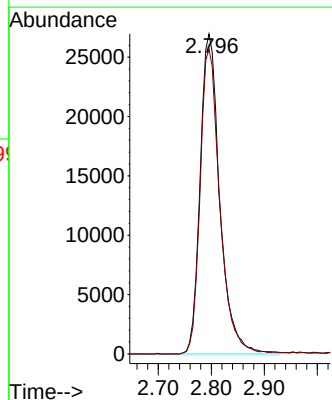
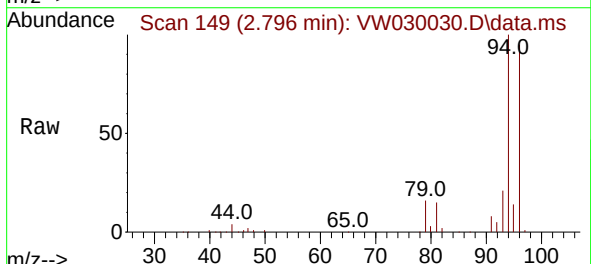
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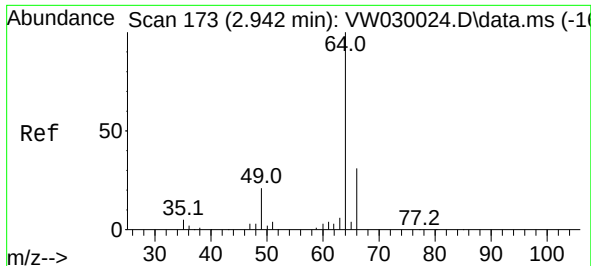
Tgt Ion: 62 Resp: 121832
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.4 45.4



#6
 Bromomethane
 Concen: 22.102 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030030.D
 Acq: 27 Aug 2024 08:29

Tgt Ion: 94 Resp: 69377
 Ion Ratio Lower Upper
 94 100
 96 95.3 62.4 115.8

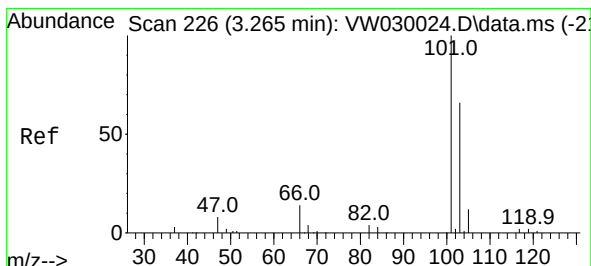
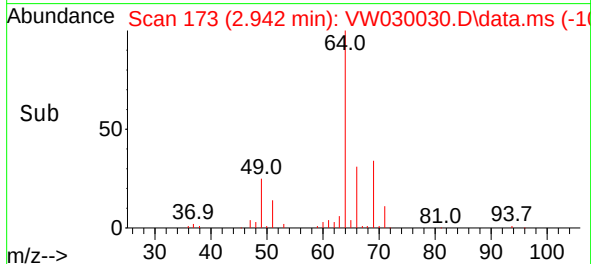
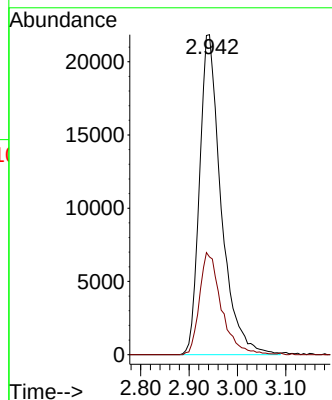
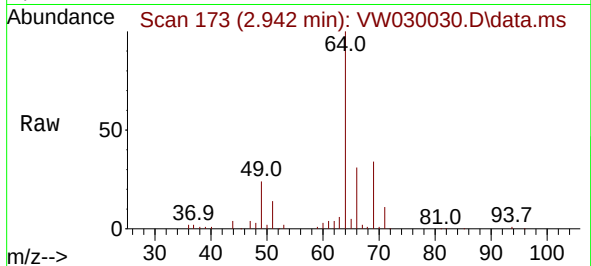




#8
Chloroethane
Concen: 23.228 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

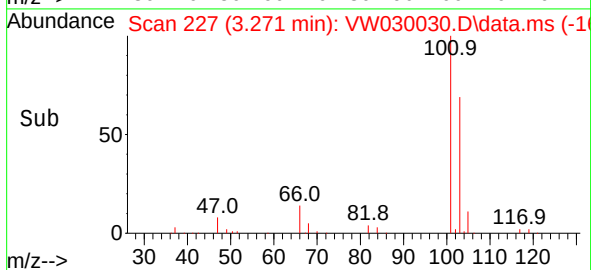
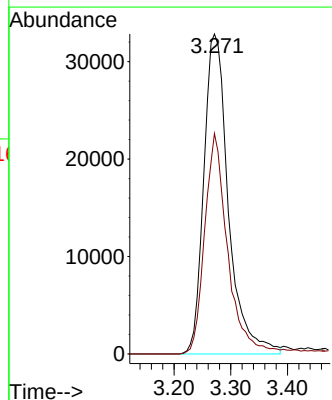
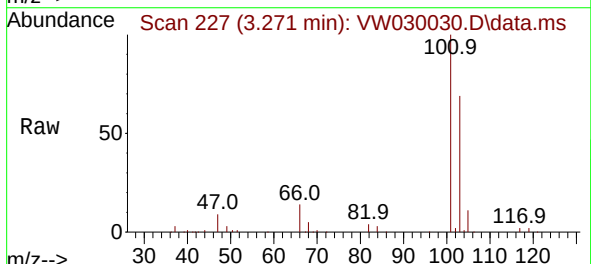
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MSVOA_W
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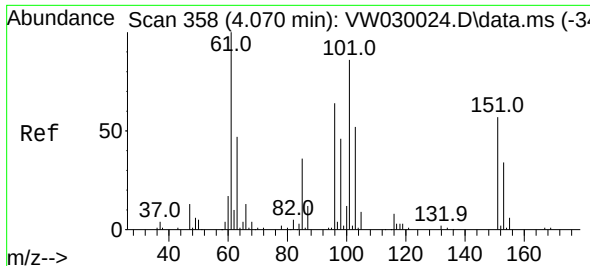
Tgt Ion: 64 Resp: 67608
Ion Ratio Lower Upper
64 100
66 30.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.624 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

Tgt Ion:101 Resp: 98959
Ion Ratio Lower Upper
101 100
103 63.7 50.7 76.1

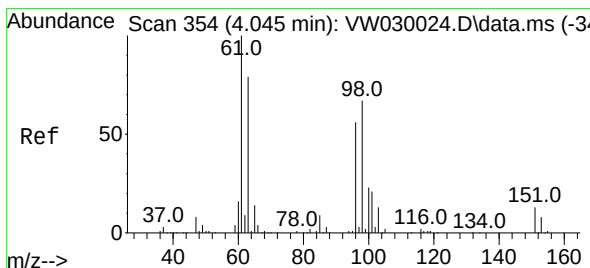
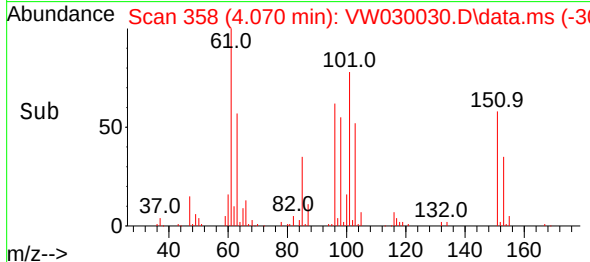
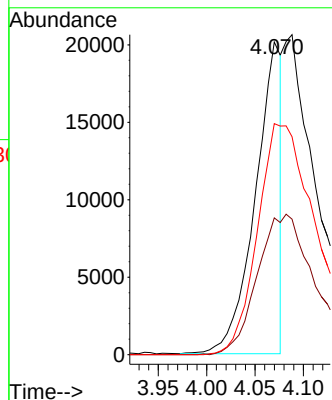
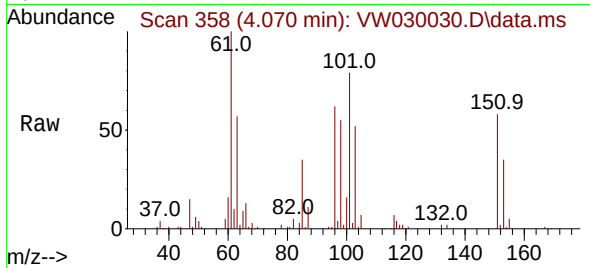




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.046 ug/L
RT: 4.070 min Scan# 358
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

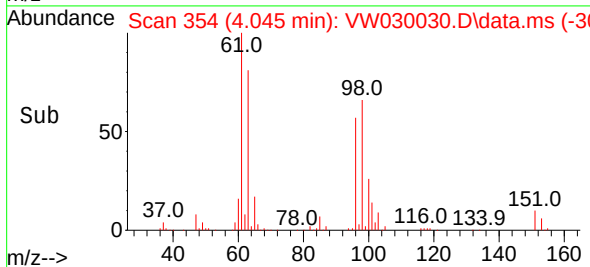
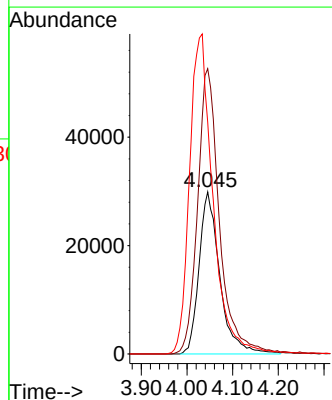
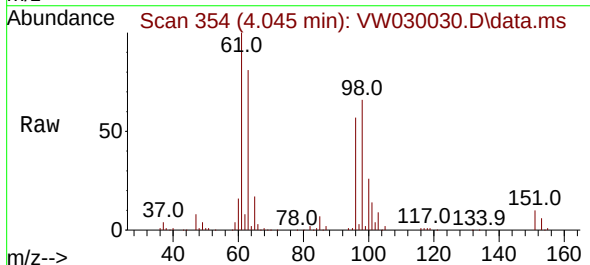
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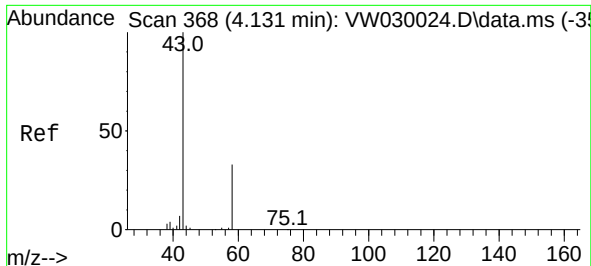
Tgt Ion:101 Resp: 37855
Ion Ratio Lower Upper
101 100
85 107.3 34.7 52.1#
151 174.1 54.8 82.2#



#12
1,1-Dichloroethene
Concen: 23.046 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

Tgt Ion: 96 Resp: 94420
Ion Ratio Lower Upper
96 100
61 176.1 126.0 234.0
63 143.0 101.8 189.2

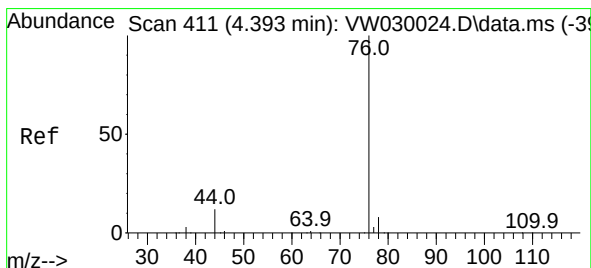
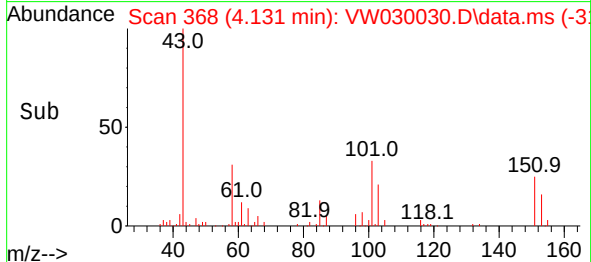
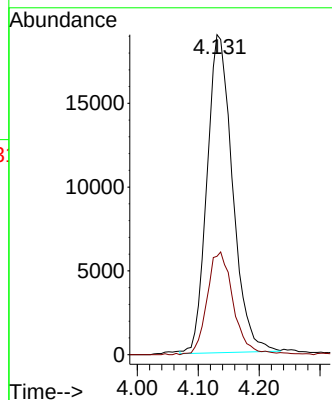
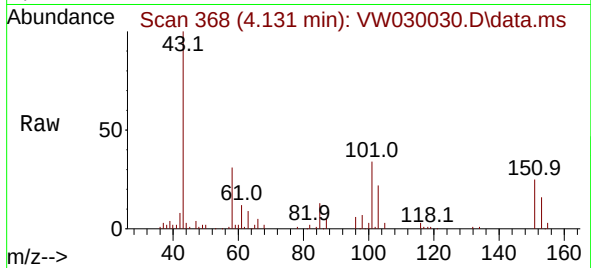




#13
Acetone
Concen: 63.830 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

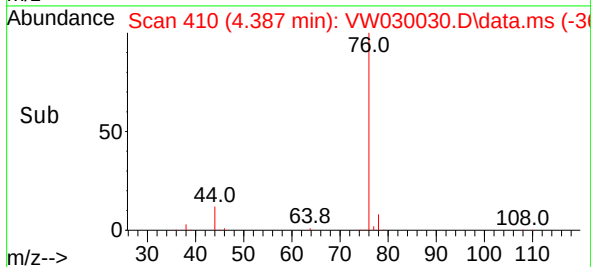
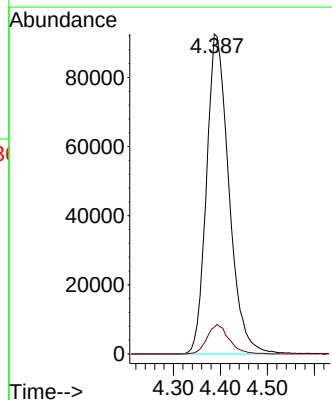
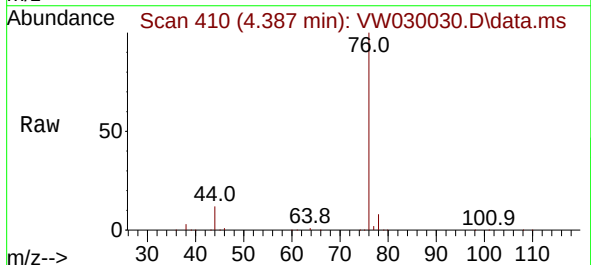
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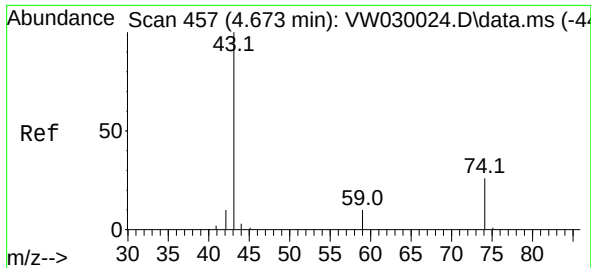
Tgt Ion: 43 Resp: 55355
Ion Ratio Lower Upper
43 100
58 32.4 0.0 66.4



#14
Carbon disulfide
Concen: 24.104 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 306350
Ion Ratio Lower Upper
76 100
78 8.3 6.6 9.8

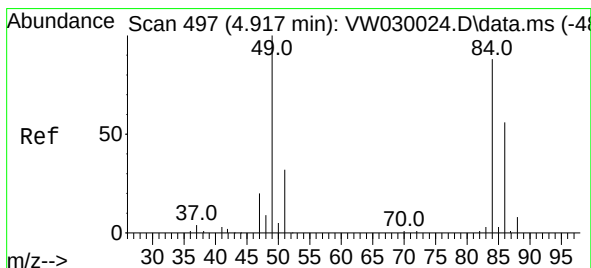
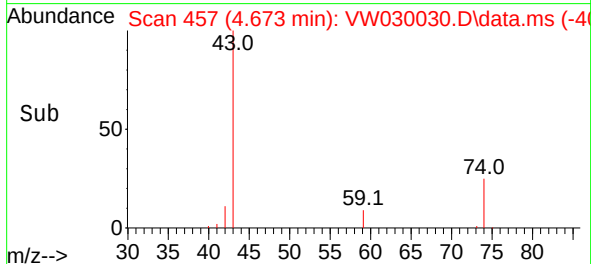
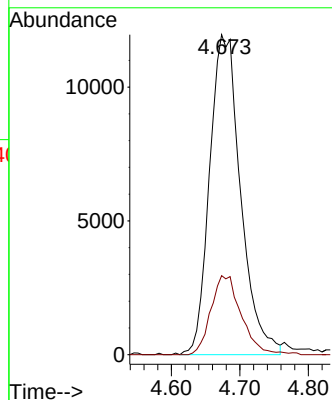
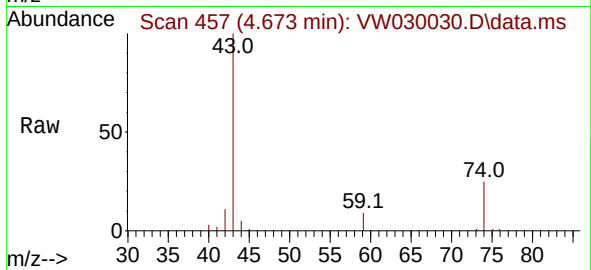




#15
Methyl Acetate
Concen: 22.219 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

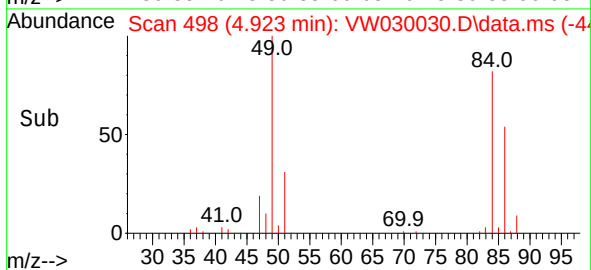
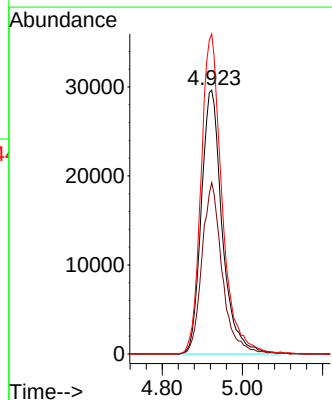
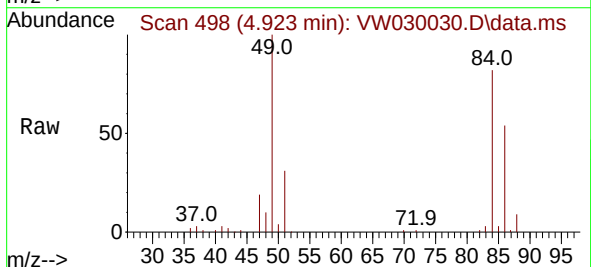
Instrument :
MSVOA_W
ClientSampleId :

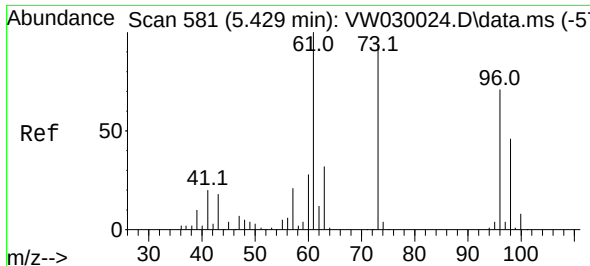
Tgt Ion: 43 Resp: 37568
Ion Ratio Lower Upper
43 100
74 23.9 19.9 29.9



#16
Methylene chloride
Concen: 20.354 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

Tgt Ion: 84 Resp: 107468
Ion Ratio Lower Upper
84 100
86 64.9 44.2 82.2
49 121.3 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 21.983 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

ClientSampleId :

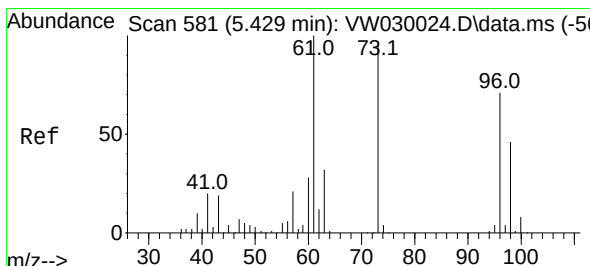
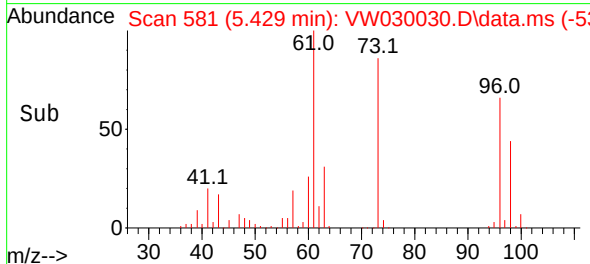
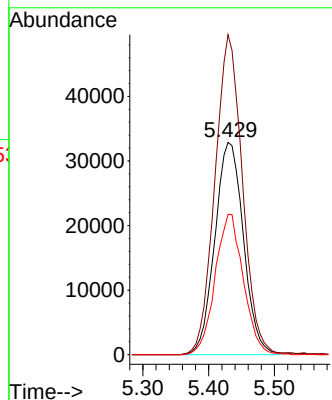
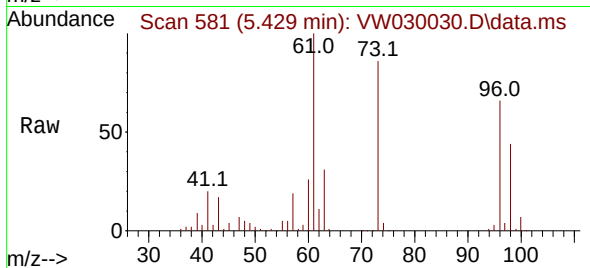
Tgt Ion: 96 Resp: 99604

Ion Ratio Lower Upper

96 100

61 150.7 98.3 182.7

98 66.1 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 21.193 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

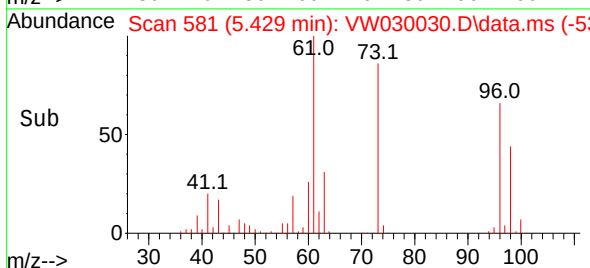
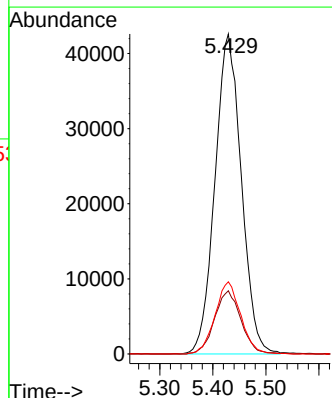
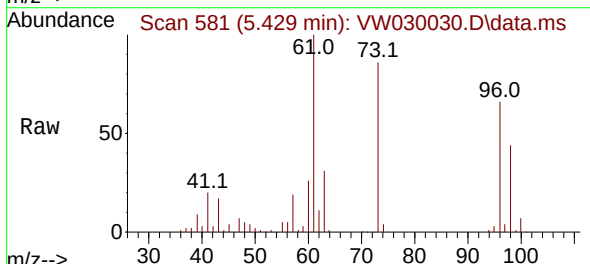
Tgt Ion: 73 Resp: 146848

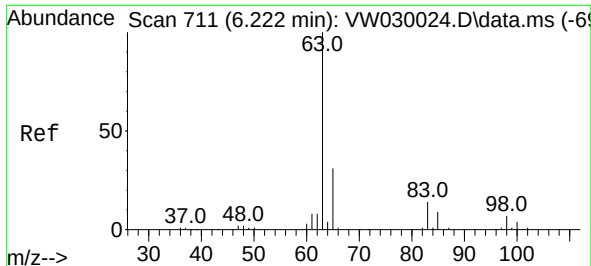
Ion Ratio Lower Upper

73 100

43 19.8 15.4 23.2

57 21.9 17.4 26.0





#19

1,1-Dichloroethane

Concen: 22.049 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

ClientSampleId :

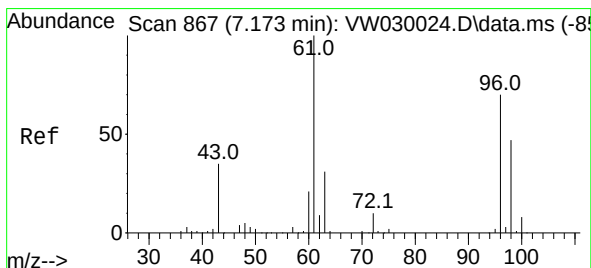
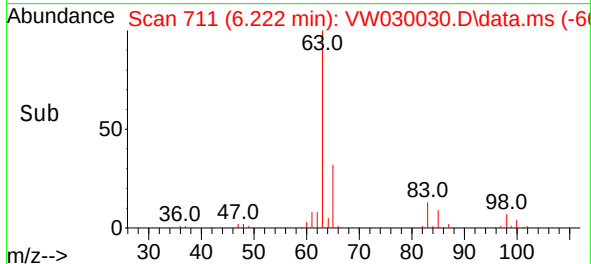
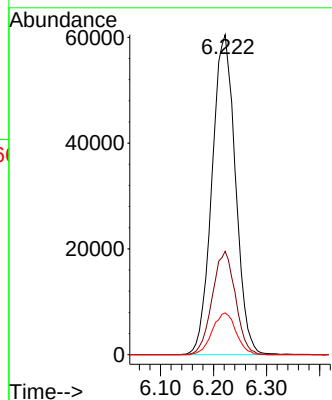
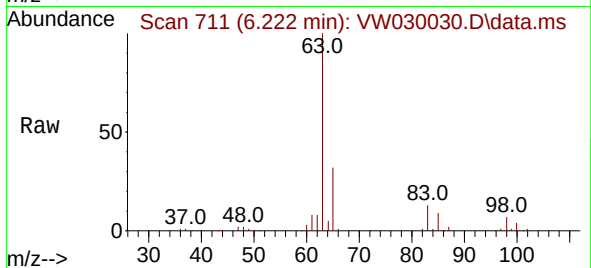
Tgt Ion: 63 Resp: 185643

Ion Ratio Lower Upper

63 100

65 32.3 21.6 40.0

83 13.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 21.500 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

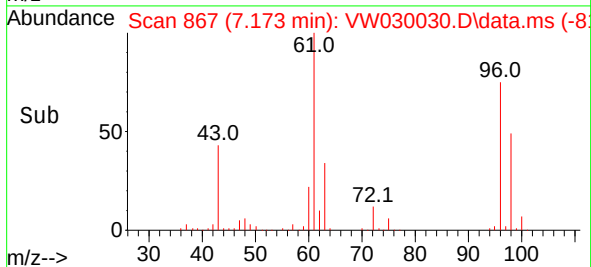
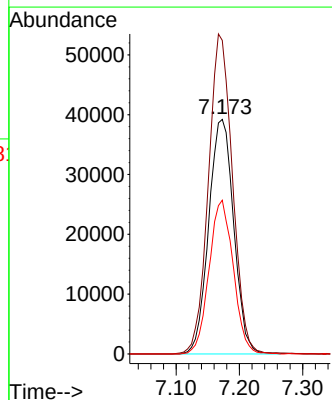
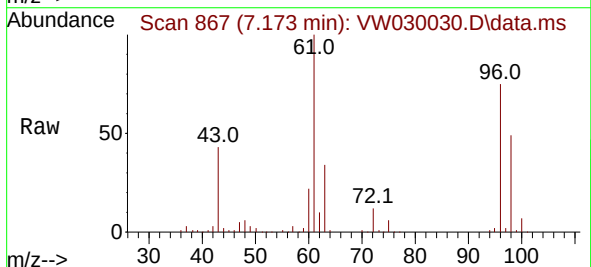
Tgt Ion: 96 Resp: 107670

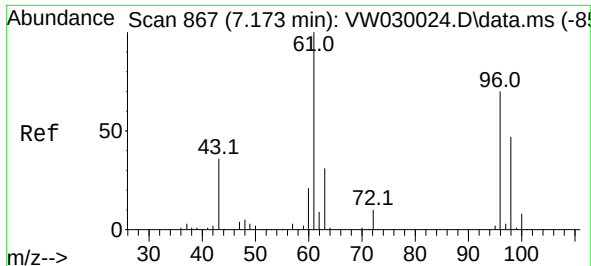
Ion Ratio Lower Upper

96 100

61 133.7 99.6 185.0

98 65.6 46.5 86.5





#22

2-Butanone

Concen: 51.649 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

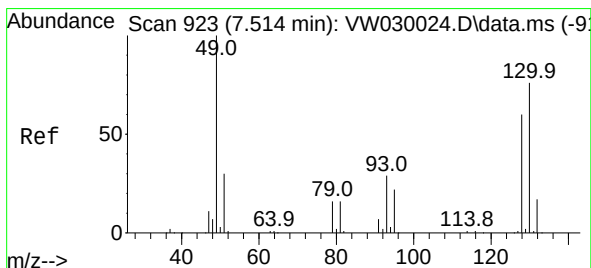
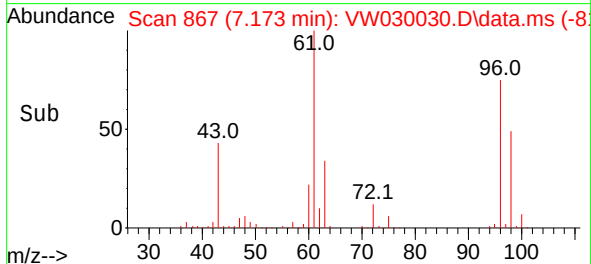
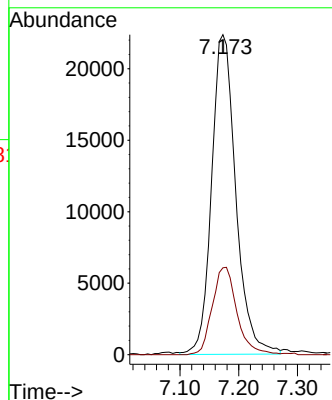
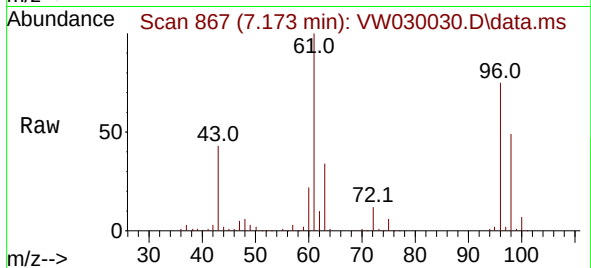
ClientSampleId :

Tgt Ion: 43 Resp: 64095

Ion Ratio Lower Upper

43 100

72 27.8 15.0 45.1



#23

Bromochloromethane

Concen: 21.220 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Tgt Ion: 128 Resp: 45073

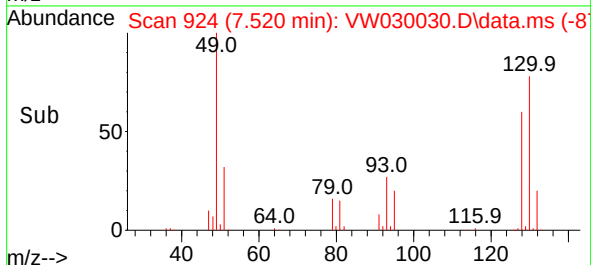
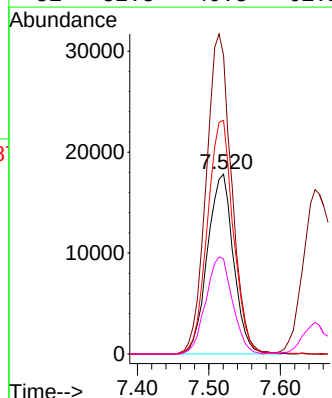
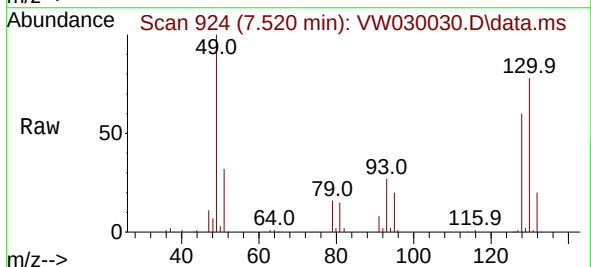
Ion Ratio Lower Upper

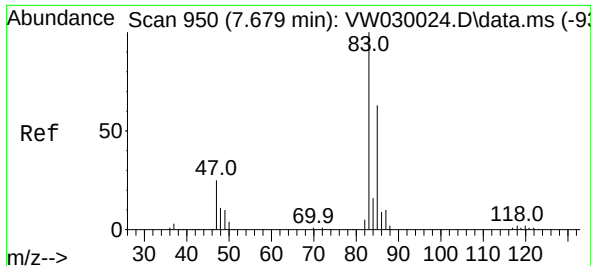
128 100

49 166.2 117.3 217.9

130 129.9 89.3 165.9

51 52.8 40.8 61.2





#25

Chloroform

Concen: 21.636 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

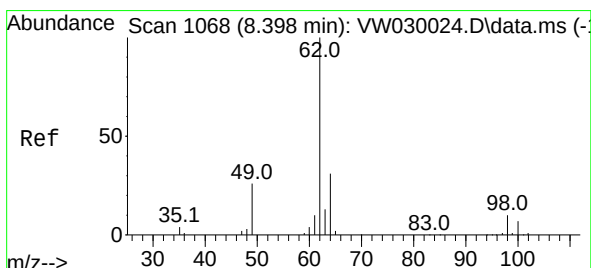
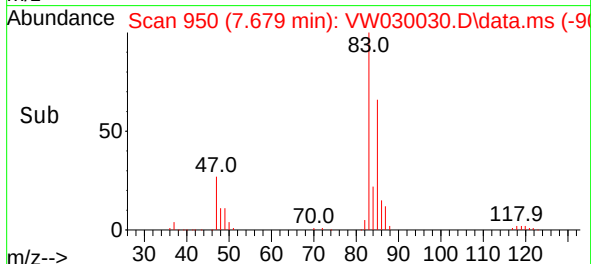
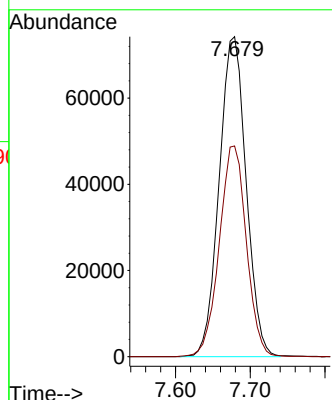
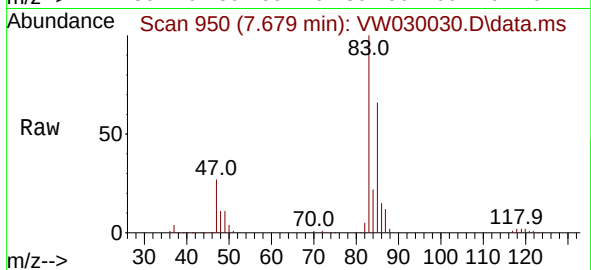
ClientSampleId :

Tgt Ion: 83 Resp: 186329

Ion Ratio Lower Upper

83 100

85 65.8 44.4 82.4



#27

1,2-Dichloroethane

Concen: 21.877 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030030.D

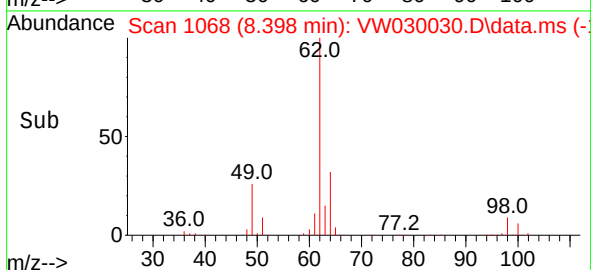
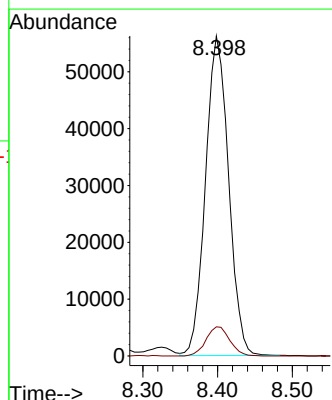
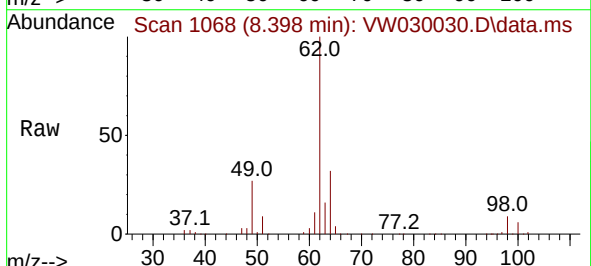
Acq: 27 Aug 2024 08:29

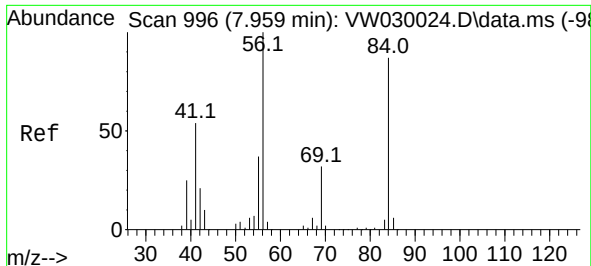
Tgt Ion: 62 Resp: 120598

Ion Ratio Lower Upper

62 100

98 9.1 7.7 11.5





#29

Cyclohexane

Concen: 24.570 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

ClientSampleId :

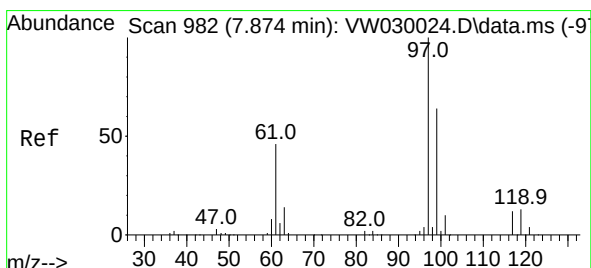
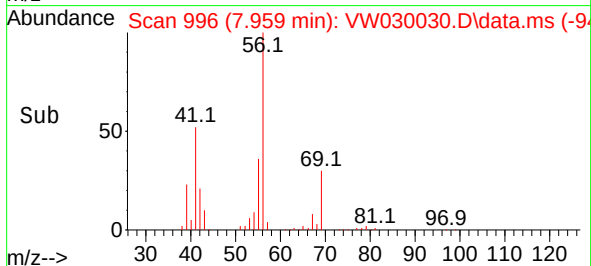
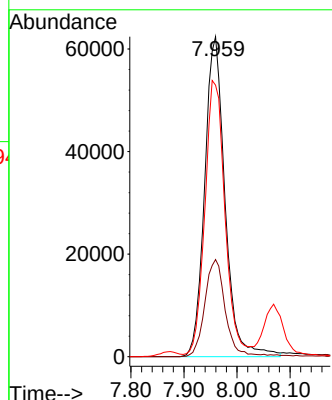
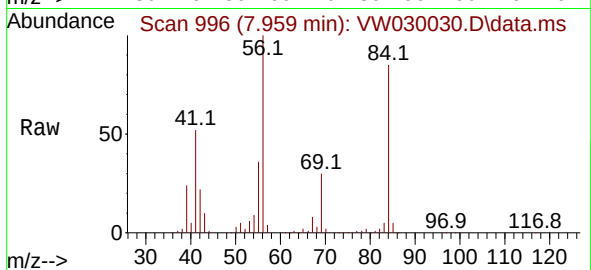
Tgt Ion: 56 Resp: 166504

Ion Ratio Lower Upper

56 100

69 29.8 24.4 36.6

84 85.9 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 23.079 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

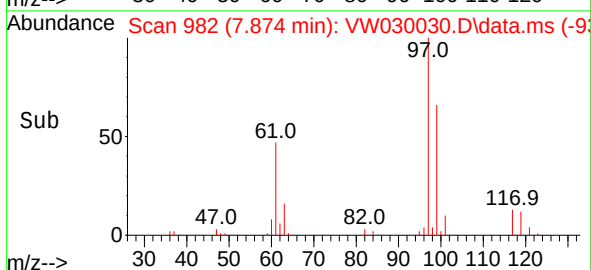
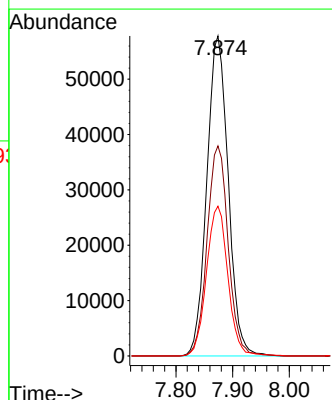
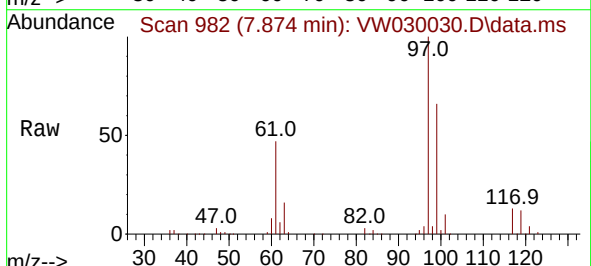
Tgt Ion: 97 Resp: 151712

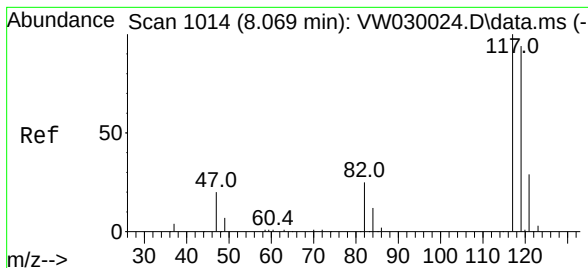
Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 47.0 37.2 55.8





#31

Carbon tetrachloride

Concen: 22.942 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

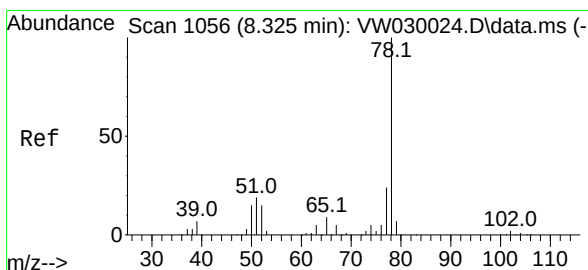
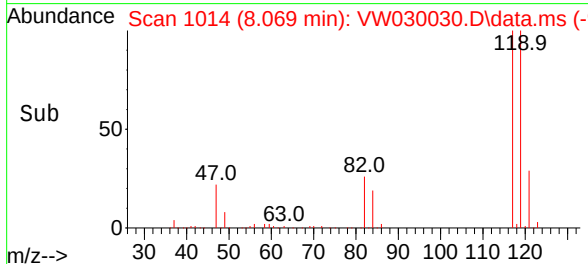
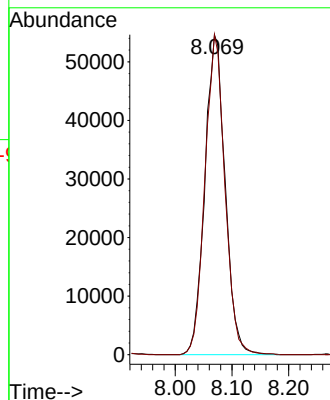
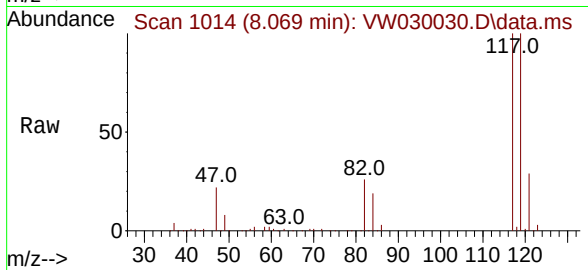
ClientSampleId :

Tgt Ion:117 Resp: 135493

Ion Ratio Lower Upper

117 100

119 98.2 77.7 116.5



#33

Benzene

Concen: 23.031 ug/L

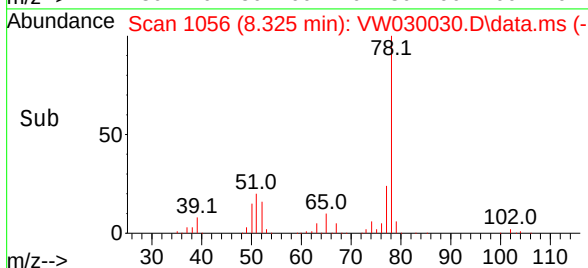
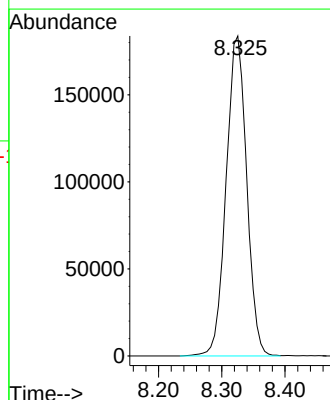
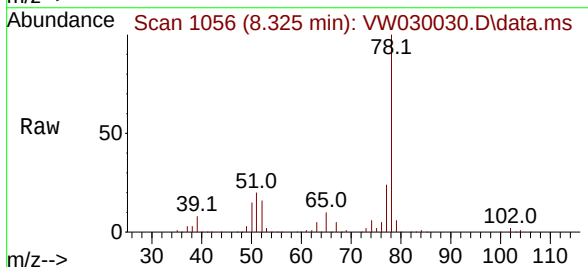
RT: 8.325 min Scan# 1056

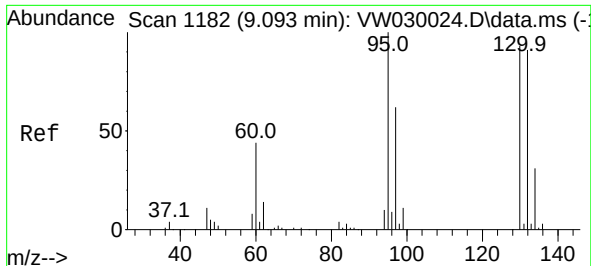
Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Tgt Ion: 78 Resp: 414131

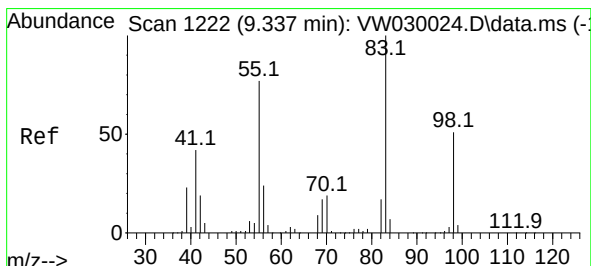
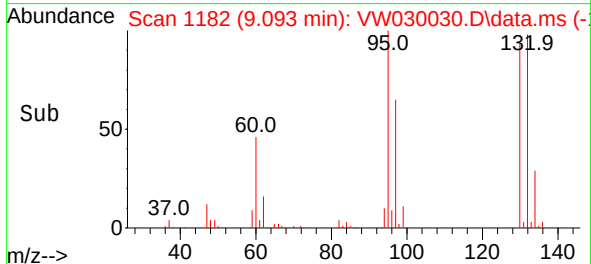
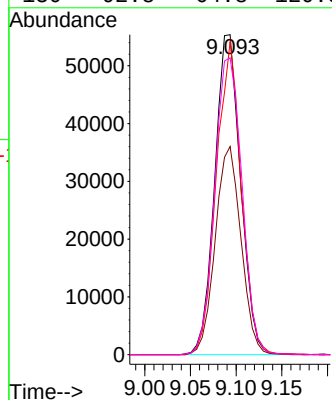
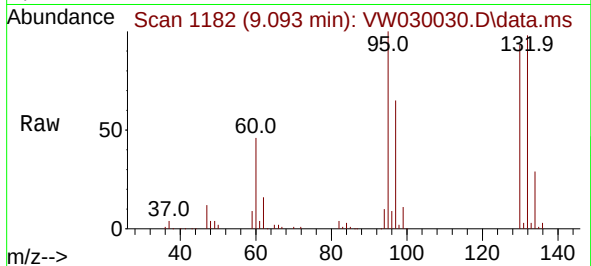




#34
Trichloroethene
Concen: 22.564 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

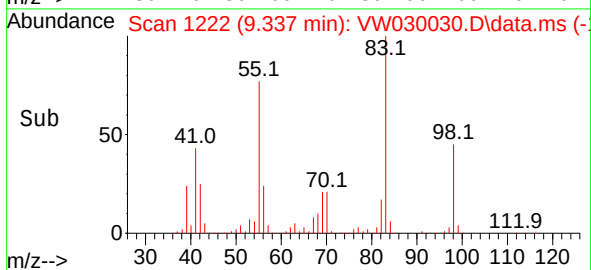
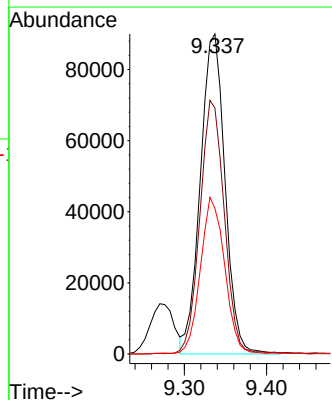
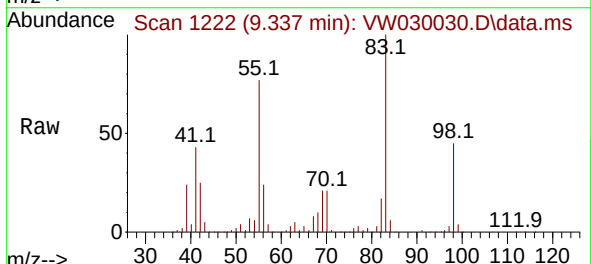
Instrument :
MSVOA_W
ClientSampleId :

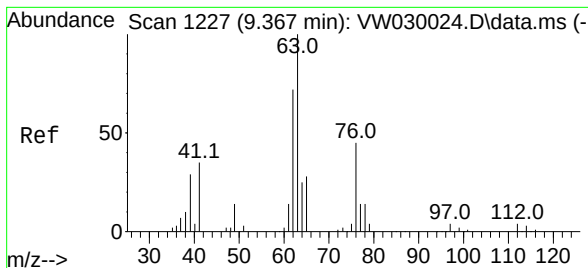
Tgt Ion: 95 Resp: 109254
Ion Ratio Lower Upper
95 100
97 65.1 43.3 80.5
132 97.8 63.6 118.0
130 92.8 64.8 120.3



#35
Methylcyclohexane
Concen: 23.709 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

Tgt Ion: 83 Resp: 188017
Ion Ratio Lower Upper
83 100
55 78.3 59.0 88.6
98 47.7 38.2 57.4





#37

1,2-Dichloropropane

Concen: 23.244 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

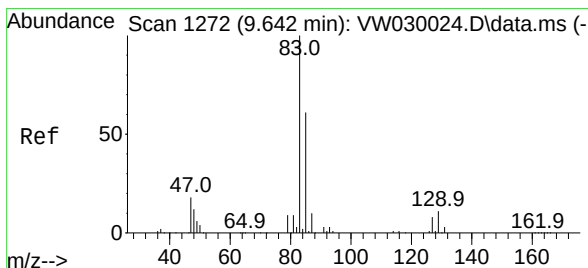
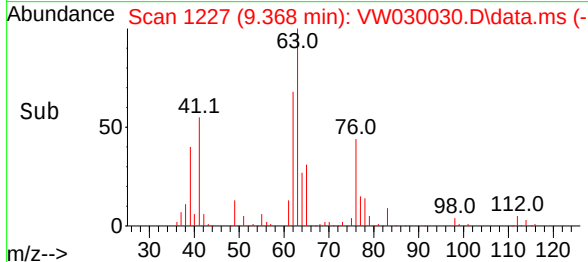
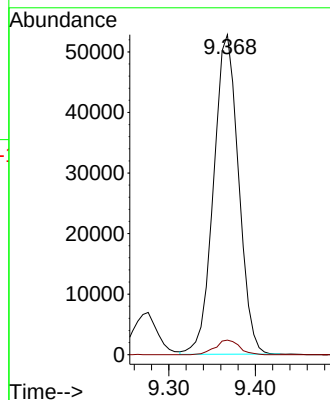
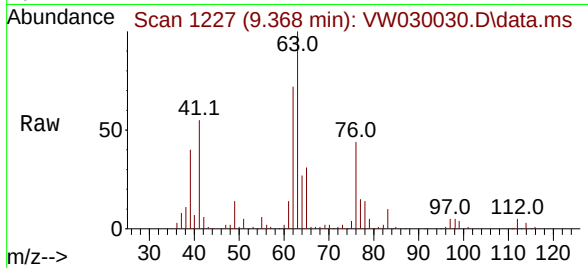
ClientSampleId :

Tgt Ion: 63 Resp: 105840

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 22.346 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

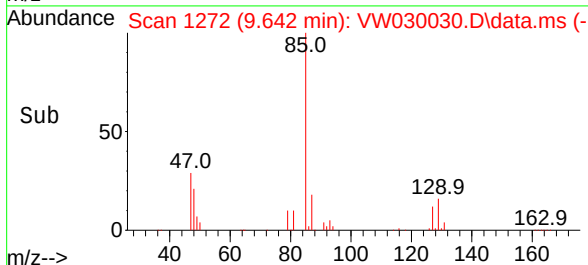
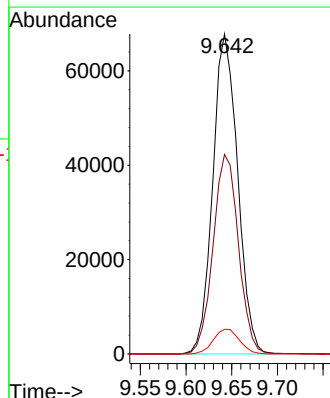
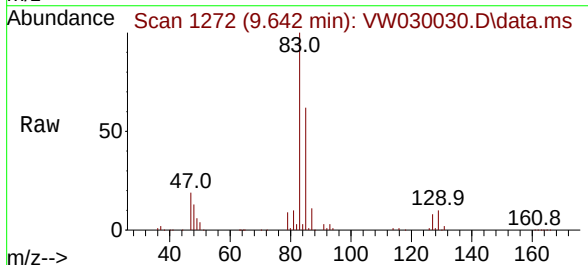
Tgt Ion: 83 Resp: 128385

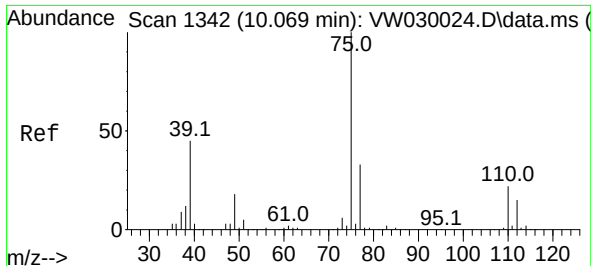
Ion Ratio Lower Upper

83 100

85 62.3 42.9 79.7

127 7.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 23.059 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

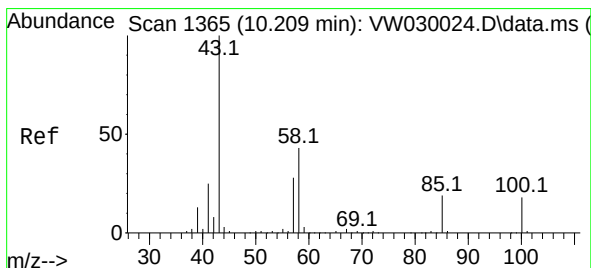
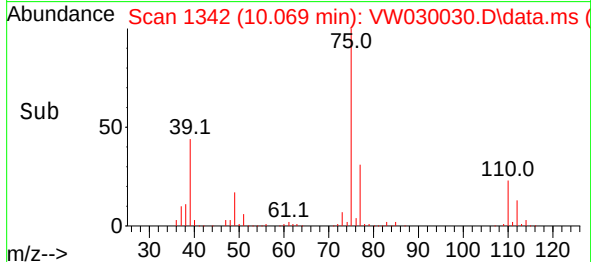
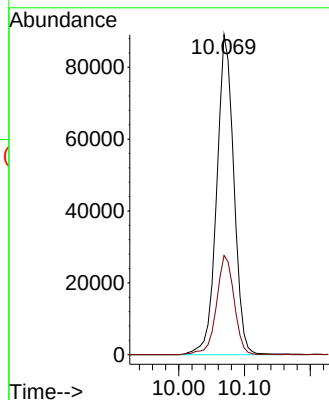
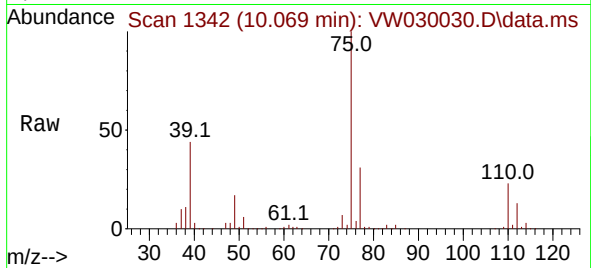
ClientSampleId :

Tgt Ion: 75 Resp: 161608

Ion Ratio Lower Upper

75 100

77 31.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 47.480 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

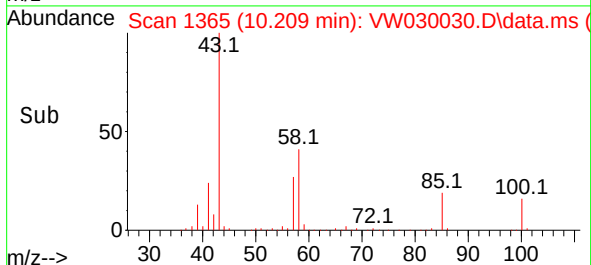
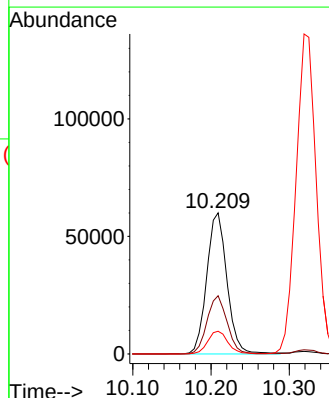
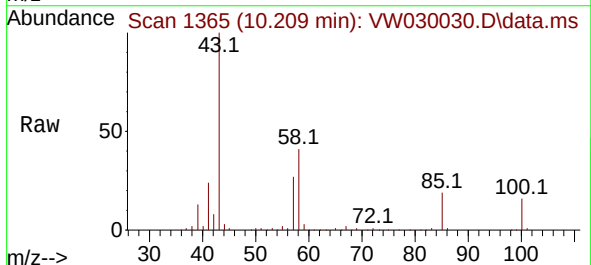
Tgt Ion: 43 Resp: 107620

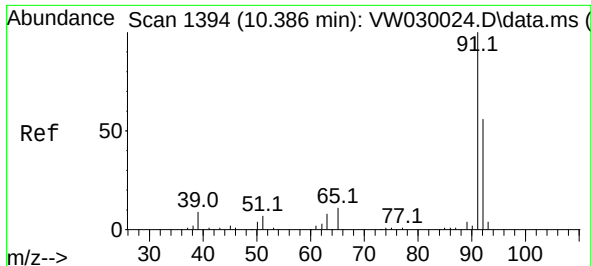
Ion Ratio Lower Upper

43 100

58 40.9 34.0 51.0

100 16.2 13.5 20.3





#42

Toluene

Concen: 22.992 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

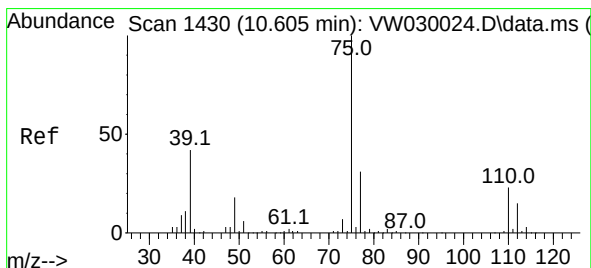
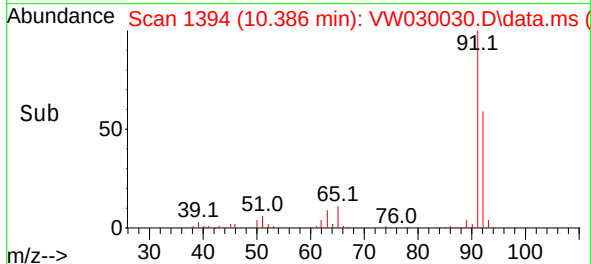
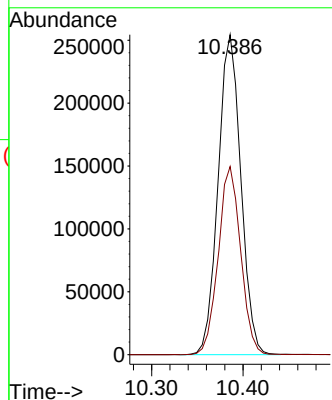
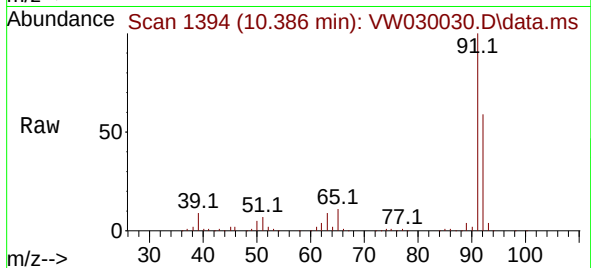
ClientSampleId :

Tgt Ion: 91 Resp: 440287

Ion Ratio Lower Upper

91 100

92 58.8 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 23.189 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030030.D

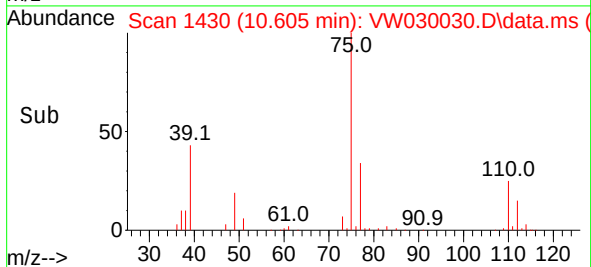
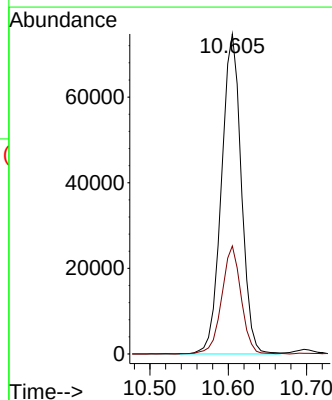
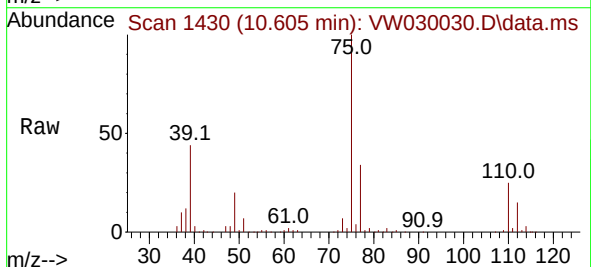
Acq: 27 Aug 2024 08:29

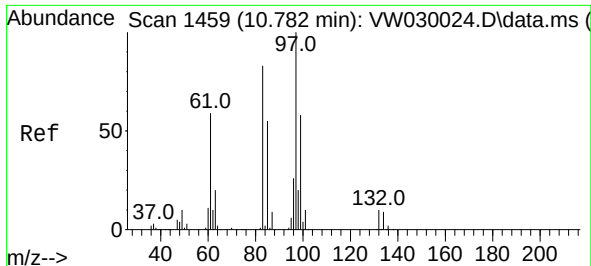
Tgt Ion: 75 Resp: 131507

Ion Ratio Lower Upper

75 100

77 33.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 22.335 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 74541

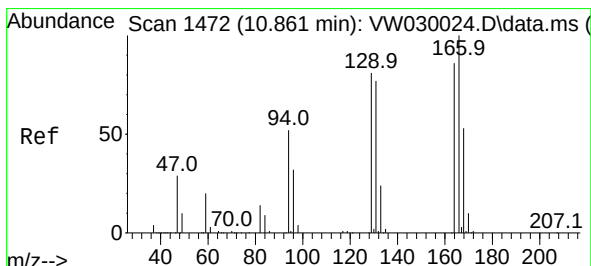
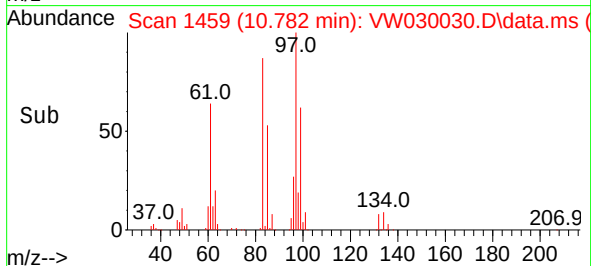
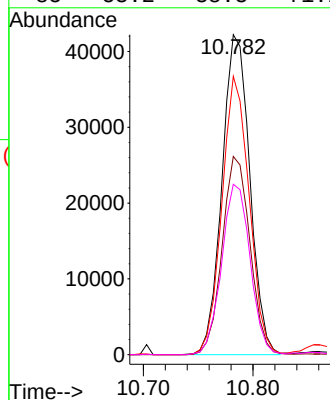
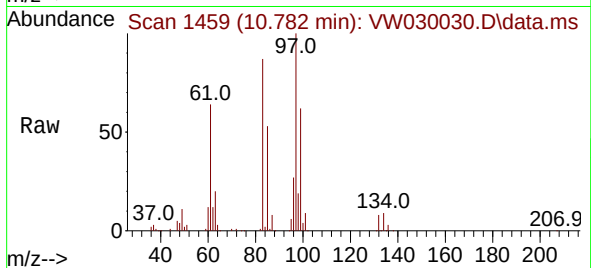
Ion Ratio Lower Upper

97 100

99 61.9 40.3 74.8

83 87.0 58.0 107.6

85 53.2 38.3 71.1



#46

Tetrachloroethene

Concen: 23.138 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Tgt Ion:164 Resp: 85030

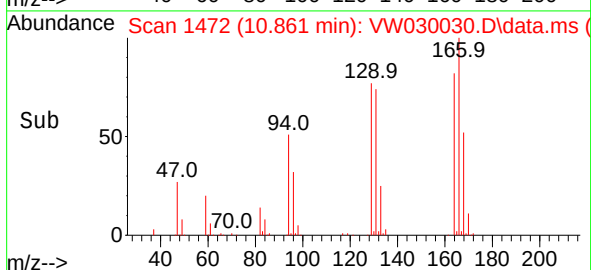
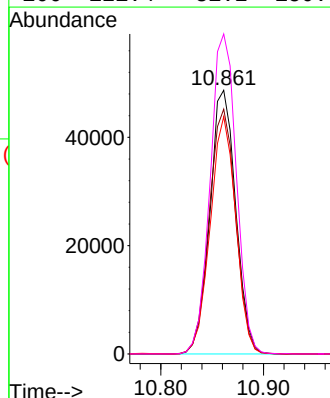
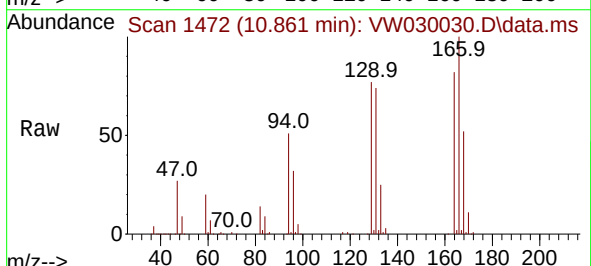
Ion Ratio Lower Upper

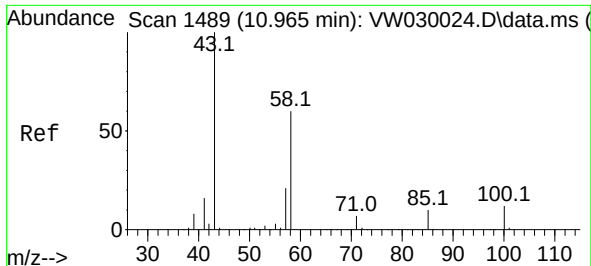
164 100

129 92.9 66.1 122.7

131 90.0 62.6 116.2

166 121.4 81.2 150.8

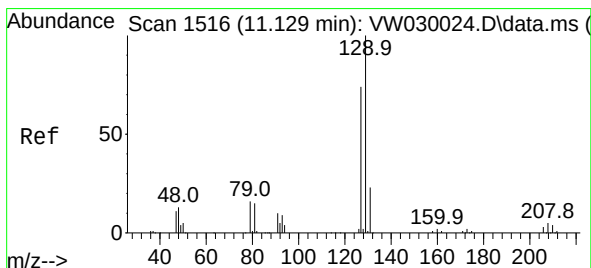
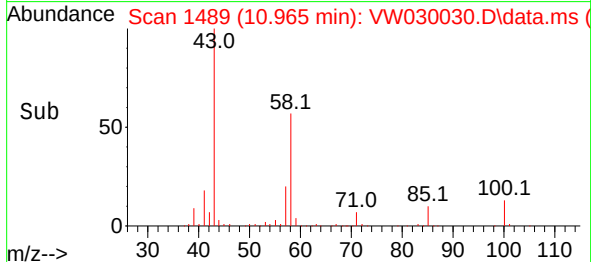
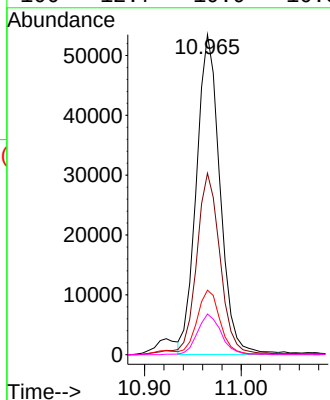
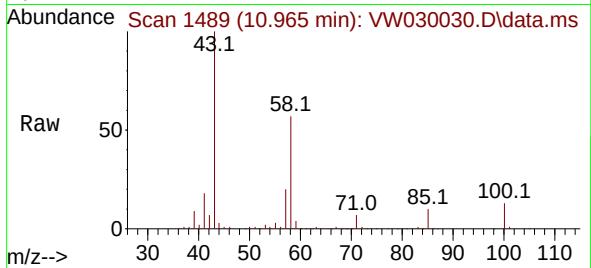




#48
2-Hexanone
Concen: 56.282 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

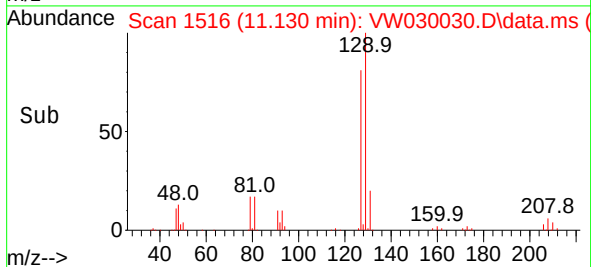
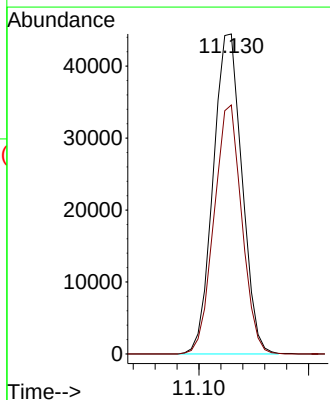
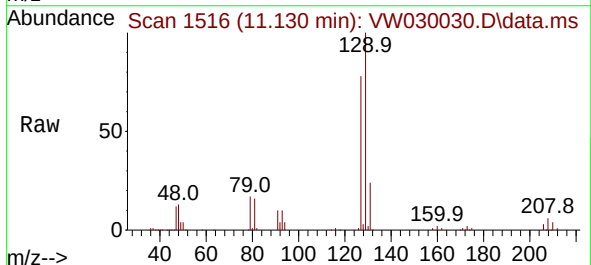
Instrument :
MSVOA_W
ClientSampleId :

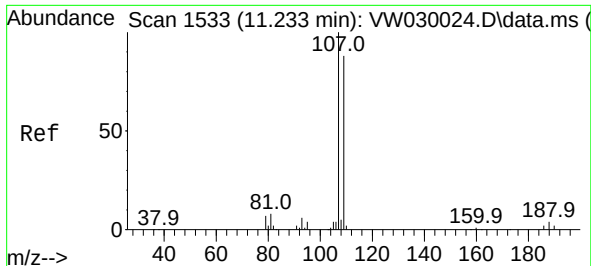
Tgt Ion: 43 Resp: 90689
Ion Ratio Lower Upper
43 100
58 55.9 50.0 75.0
57 19.8 17.3 25.9
100 12.7 10.9 16.3



#49
Dibromochloromethane
Concen: 22.907 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

Tgt Ion:129 Resp: 81232
Ion Ratio Lower Upper
129 100
127 77.8 51.8 96.2





#50

1,2-Dibromoethane

Concen: 22.417 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030030.D

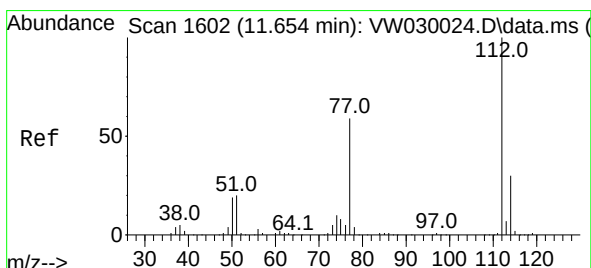
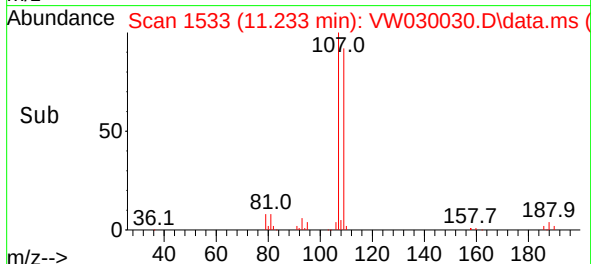
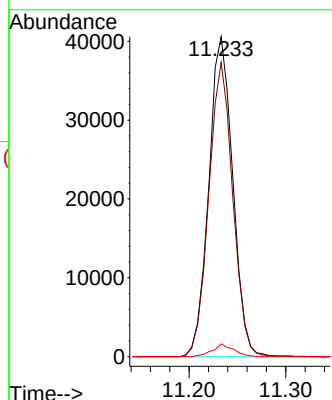
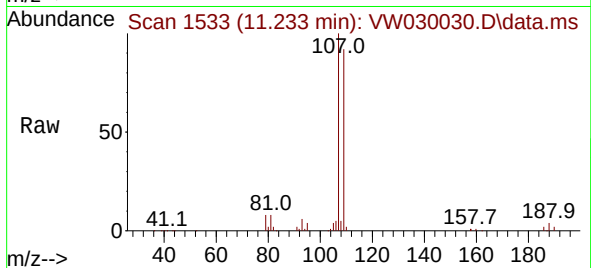
Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	69886
Ion Ratio	Lower	Upper
107	100	
109	91.9	61.7 114.5
188	4.0	3.1 4.7



#51

Chlorobenzene

Concen: 21.937 ug/L

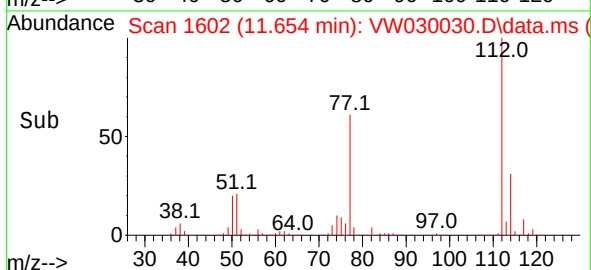
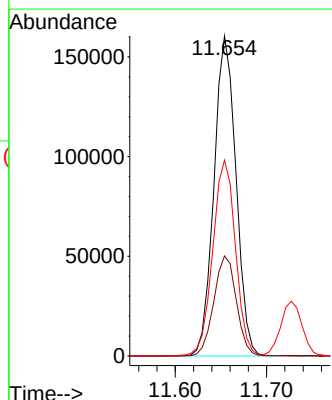
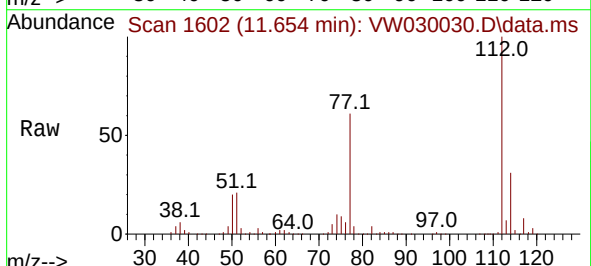
RT: 11.654 min Scan# 1602

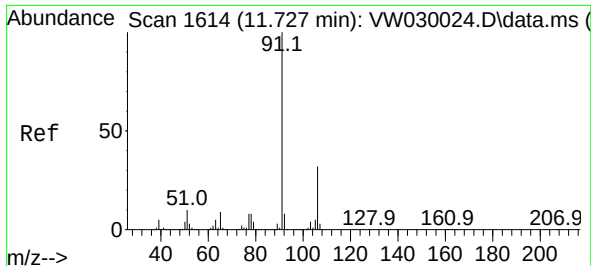
Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Tgt Ion:112	Resp:	268596
Ion Ratio	Lower	Upper
112	100	
114	31.2	20.9 38.9
77	61.2	47.1 70.7





#52

Ethylbenzene

Concen: 22.623 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

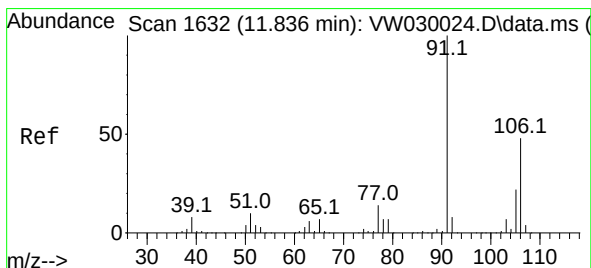
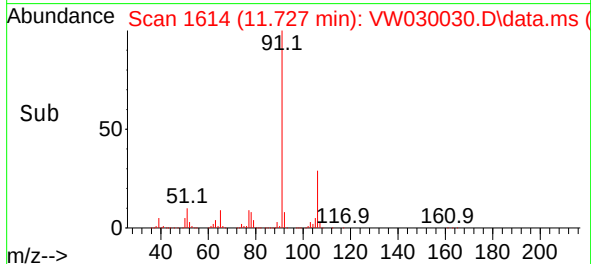
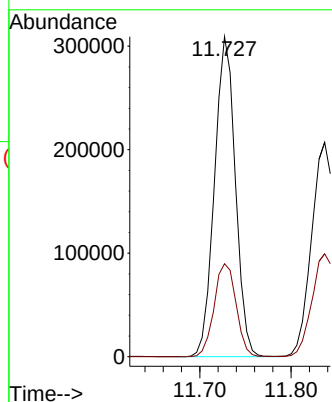
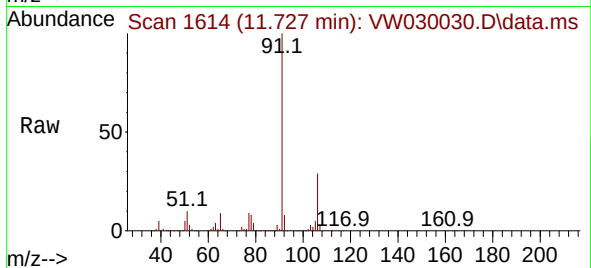
ClientSampleId :

Tgt Ion: 91 Resp: 490865

Ion Ratio Lower Upper

91 100

106 29.1 22.0 41.0



#53

m,p-Xylene

Concen: 22.900 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030030.D

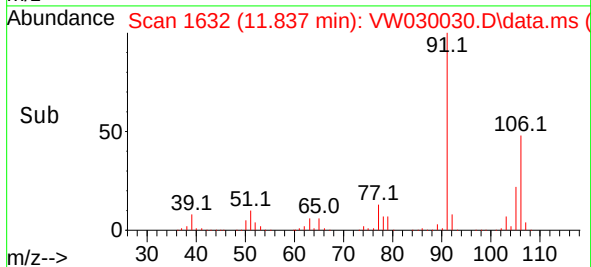
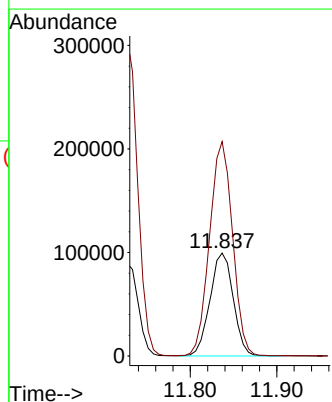
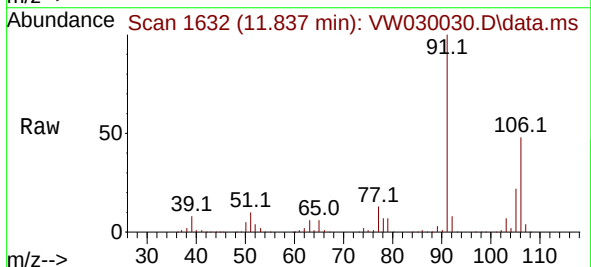
Acq: 27 Aug 2024 08:29

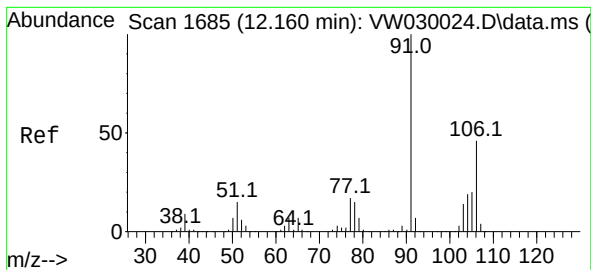
Tgt Ion:106 Resp: 185429

Ion Ratio Lower Upper

106 100

91 208.5 146.7 272.4





#54

o-Xylene

Concen: 22.665 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

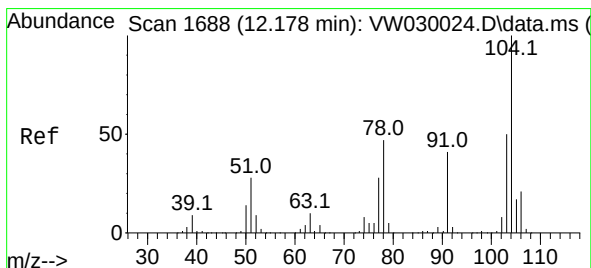
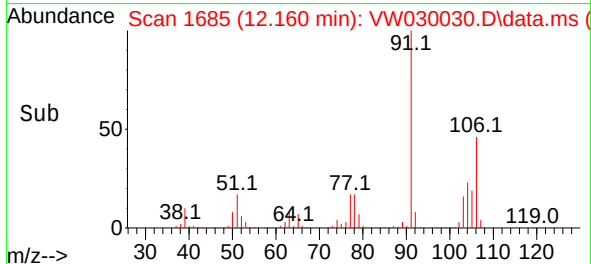
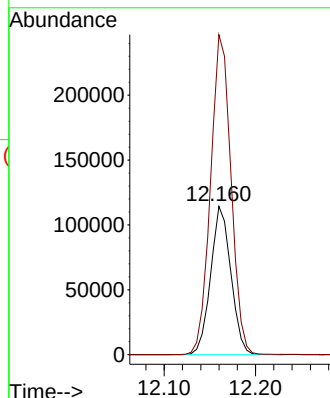
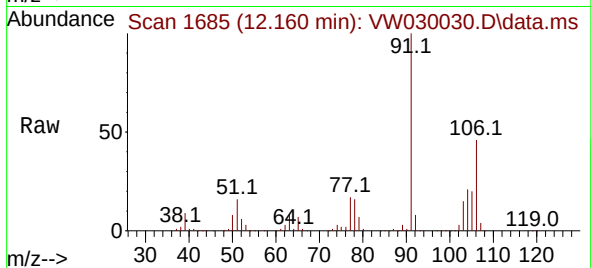
ClientSampleId :

Tgt Ion:106 Resp: 176144

Ion Ratio Lower Upper

106 100

91 215.7 153.9 285.7



#55

Styrene

Concen: 22.993 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030030.D

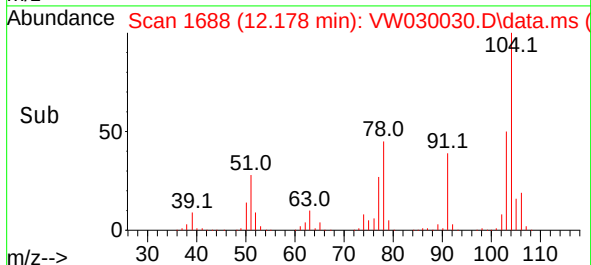
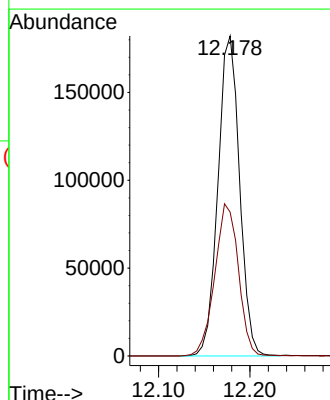
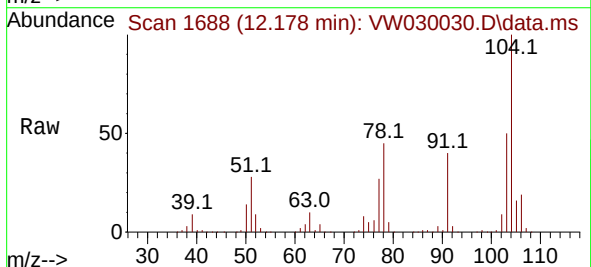
Acq: 27 Aug 2024 08:29

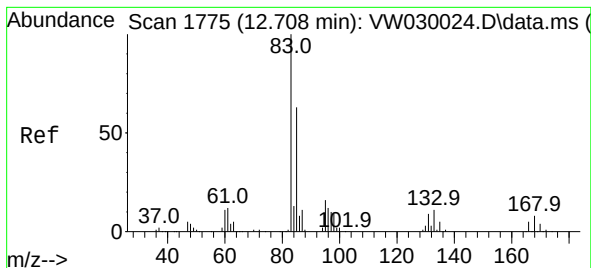
Tgt Ion:104 Resp: 299403

Ion Ratio Lower Upper

104 100

78 44.9 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 22.494 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

ClientSampleId :

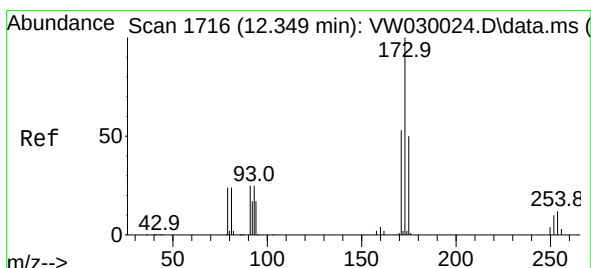
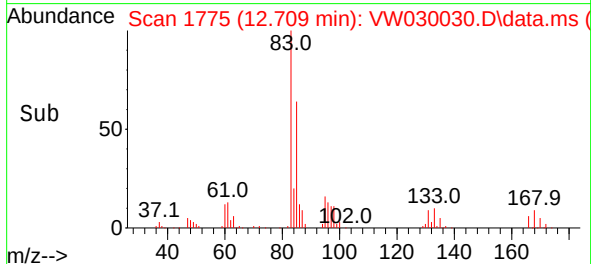
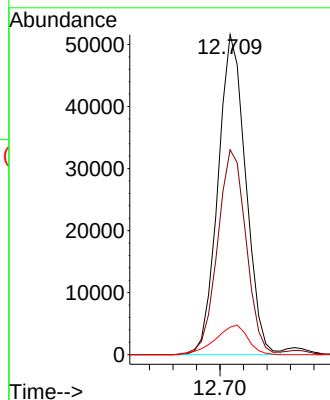
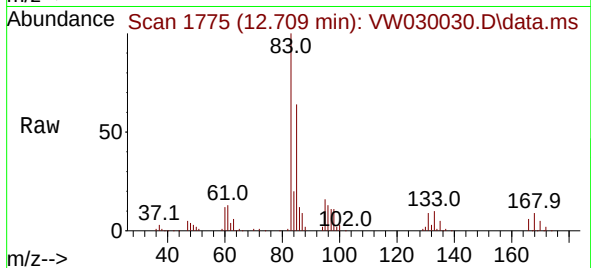
Tgt Ion: 83 Resp: 84540

Ion Ratio Lower Upper

83 100

85 64.1 44.0 81.8

131 8.6 7.3 10.9



#59

Bromoform

Concen: 21.759 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

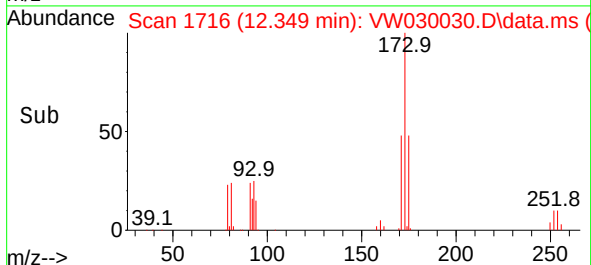
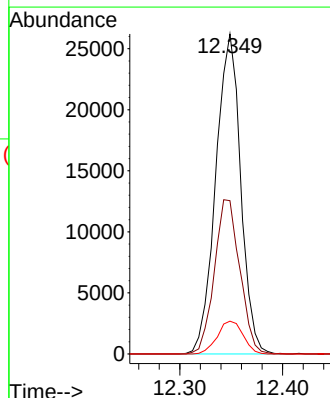
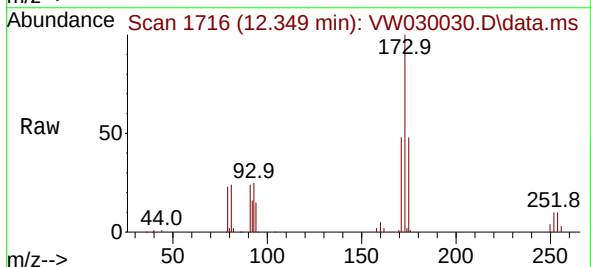
Tgt Ion:173 Resp: 44159

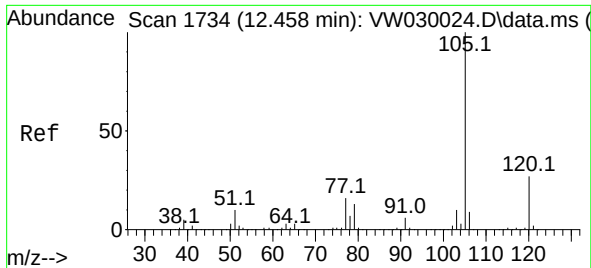
Ion Ratio Lower Upper

173 100

175 49.1 41.4 62.2

254 10.6 8.6 13.0

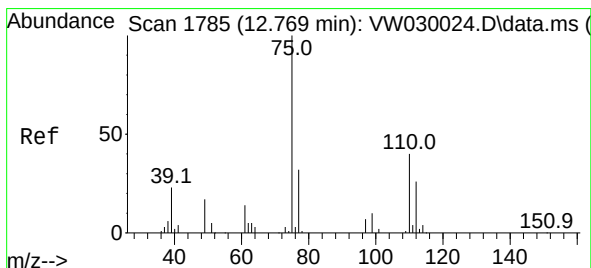
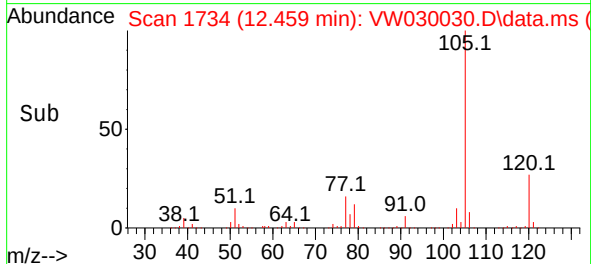
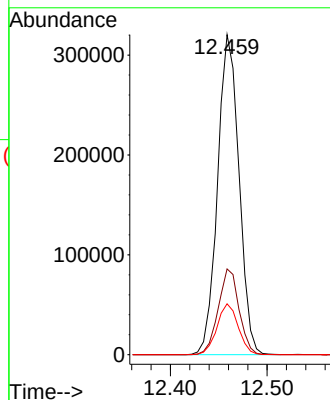
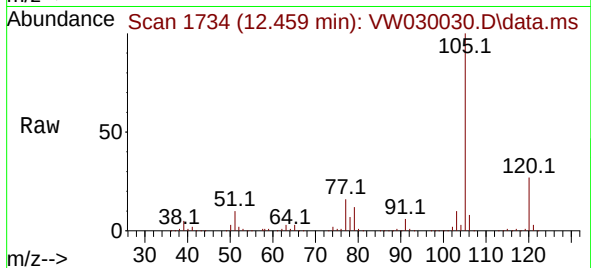




#60
Isopropylbenzene
Concen: 22.620 ug/L
RT: 12.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

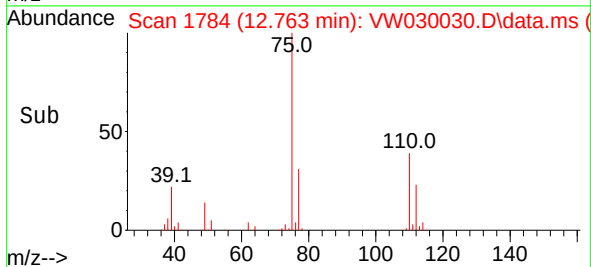
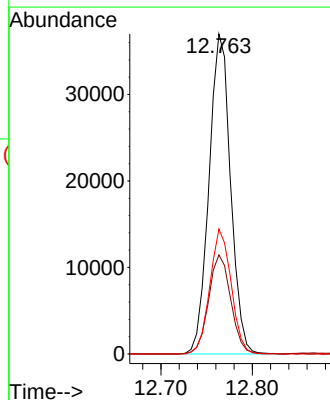
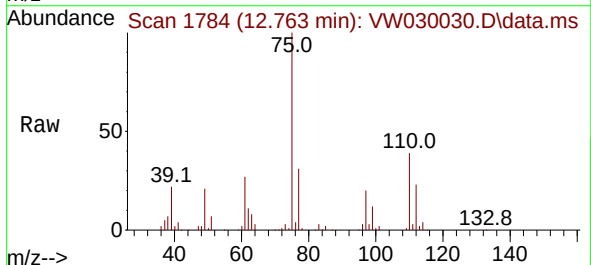
Instrument :
MSVOA_W
ClientSampleId :

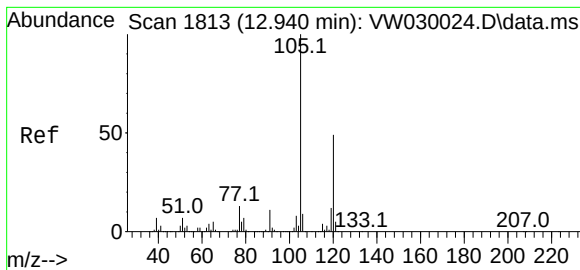
Tgt Ion:105 Resp: 491818
Ion Ratio Lower Upper
105 100
120 26.0 20.6 30.8
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 21.895 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

Tgt Ion: 75 Resp: 60672
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 38.5 31.0 46.4

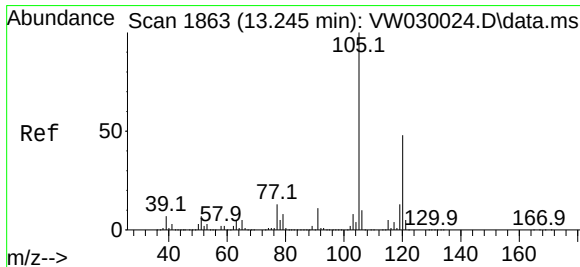
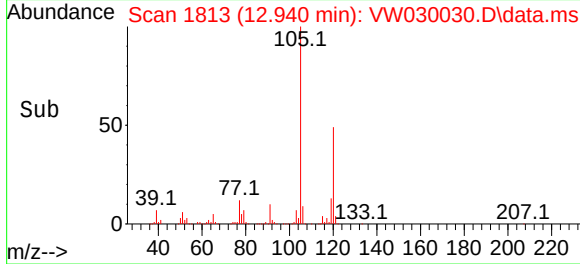
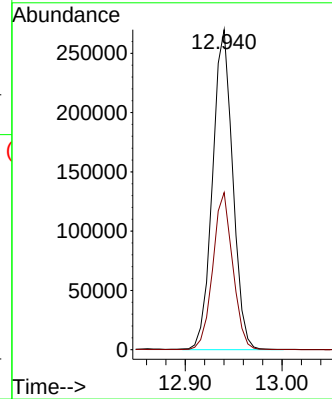
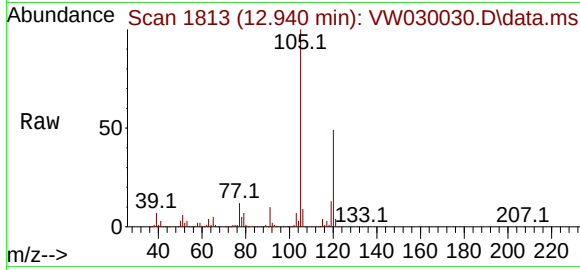




#62
1,3,5-Trimethylbenzene
Concen: 24.251 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

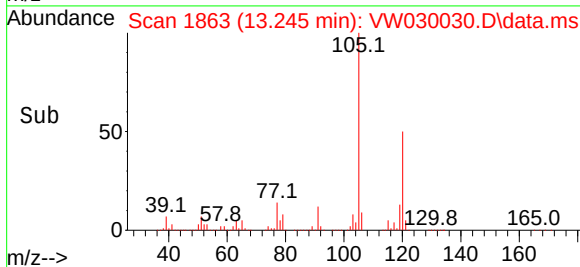
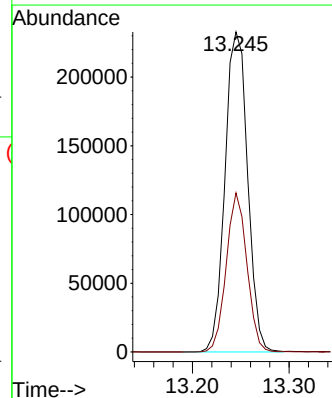
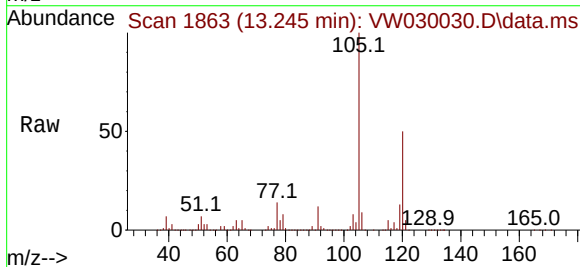
Instrument :
MSVOA_W
ClientSampleId :

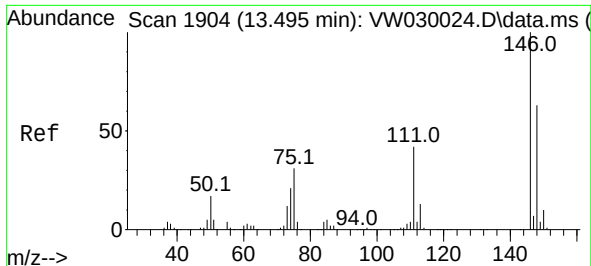
Tgt Ion:105 Resp: 392050
Ion Ratio Lower Upper
105 100
120 48.5 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 22.158 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

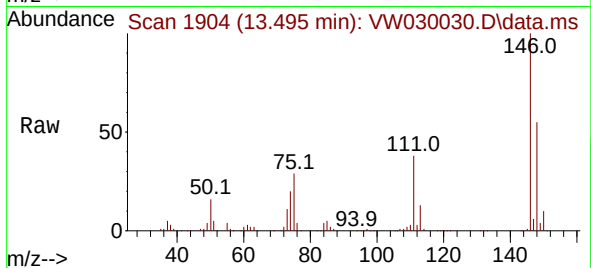
Tgt Ion:105 Resp: 377563
Ion Ratio Lower Upper
105 100
120 45.5 36.3 54.5



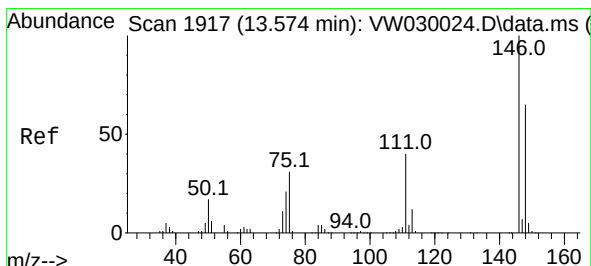
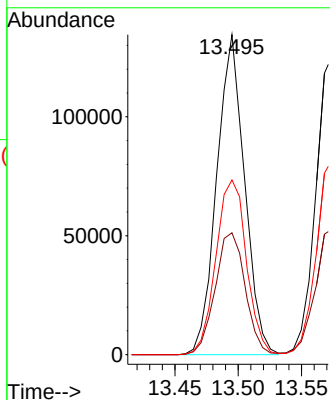
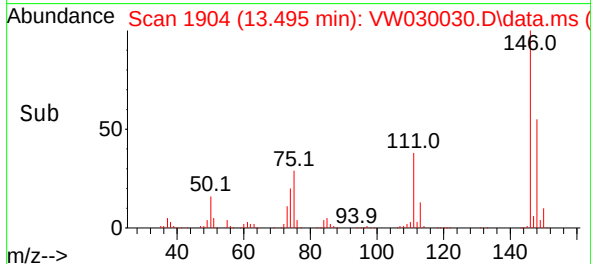


#64
1,3-Dichlorobenzene
Concen: 22.215 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

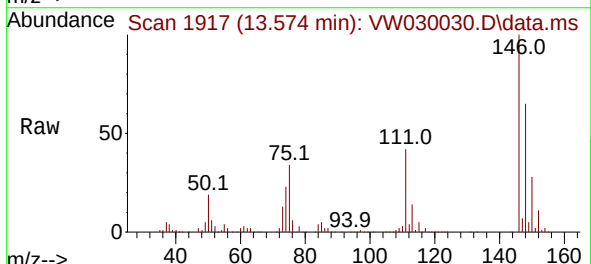
Instrument :
MSVOA_W
ClientSampleId :



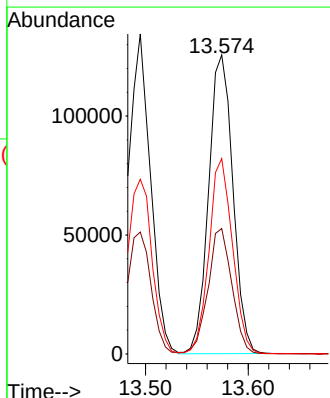
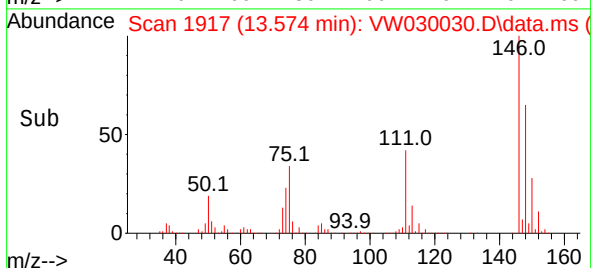
Tgt Ion:146 Resp: 205906
Ion Ratio Lower Upper
146 100
111 38.1 29.1 54.1
148 54.6 43.9 81.5

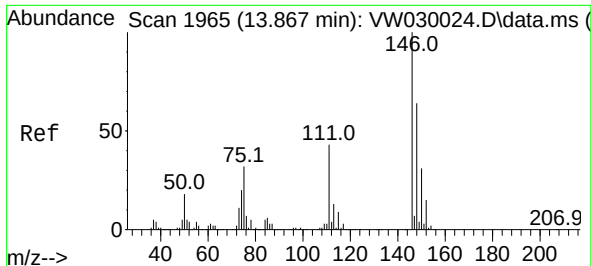


#65
1,4-Dichlorobenzene
Concen: 22.025 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29



Tgt Ion:146 Resp: 206229
Ion Ratio Lower Upper
146 100
111 42.0 28.2 52.4
148 65.3 45.8 85.2

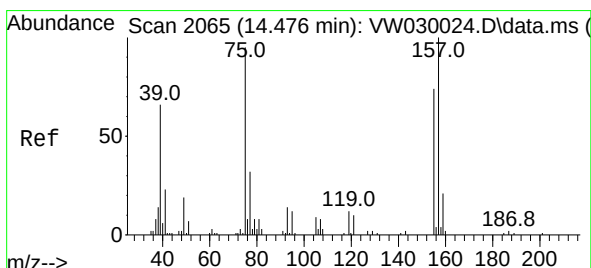
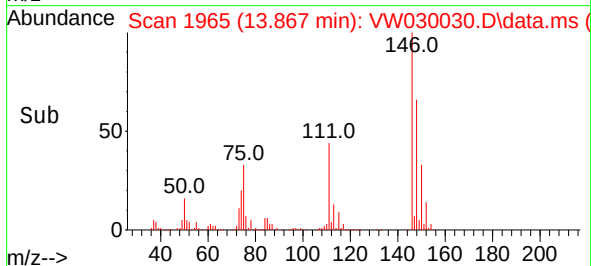
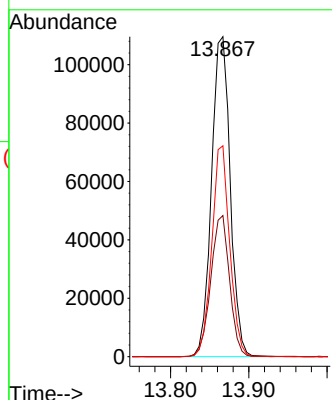
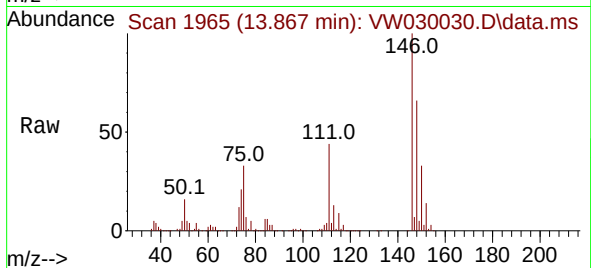




#67
1,2-Dichlorobenzene
Concen: 21.939 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

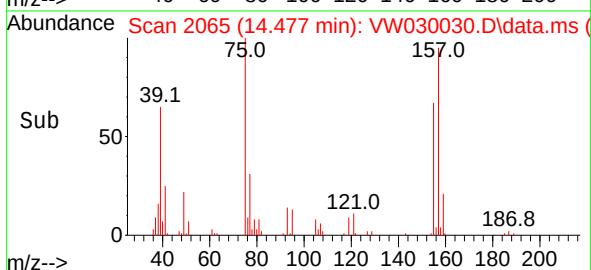
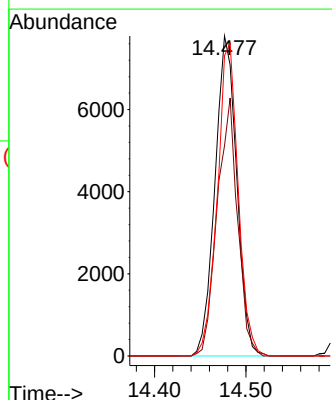
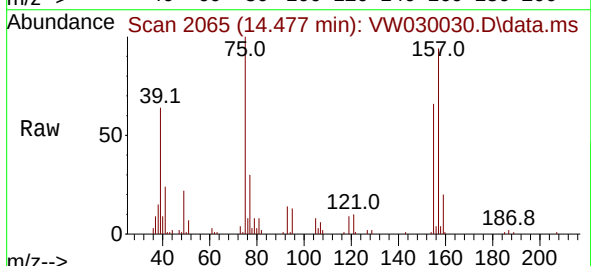
Instrument :
MSVOA_W
ClientSampleId :

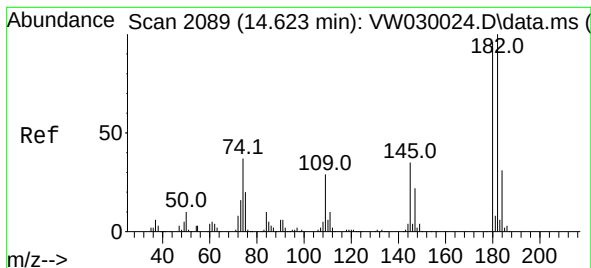
Tgt Ion:146 Resp: 181908
Ion Ratio Lower Upper
146 100
111 44.1 34.7 52.1
148 65.9 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 21.719 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030030.D
Acq: 27 Aug 2024 08:29

Tgt Ion: 75 Resp: 12883
Ion Ratio Lower Upper
75 100
155 65.7 62.8 94.2
157 93.9 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 22.078 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

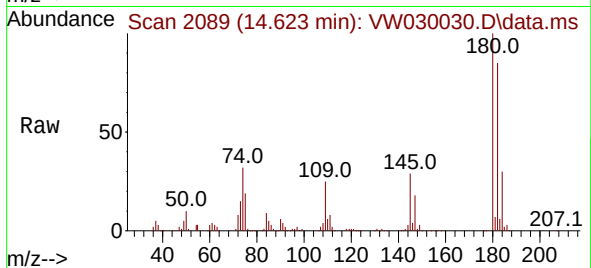
Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 133602

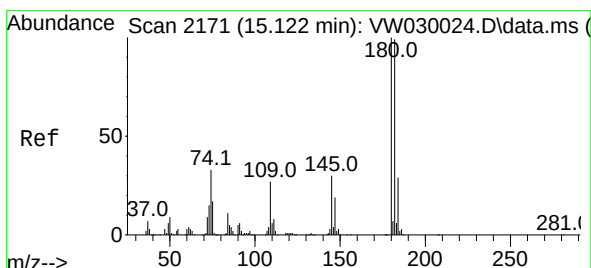
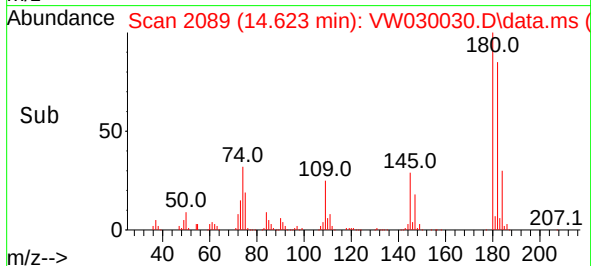
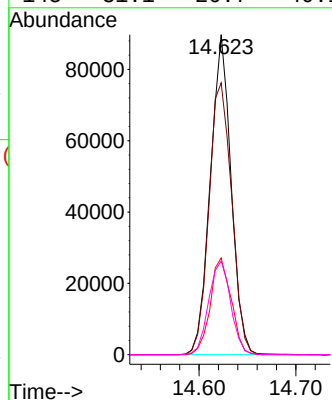
Ion Ratio Lower Upper

180 100

182 93.4 79.7 119.5

184 30.6 25.1 37.7

145 31.1 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 22.420 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

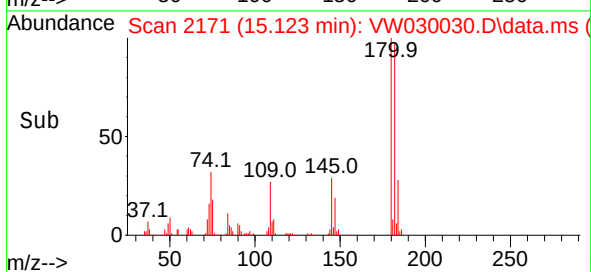
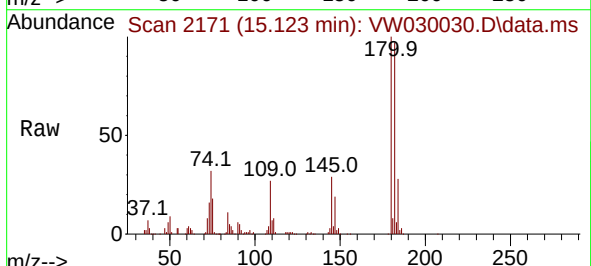
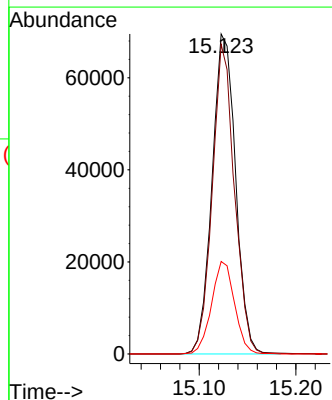
Tgt Ion:180 Resp: 117425

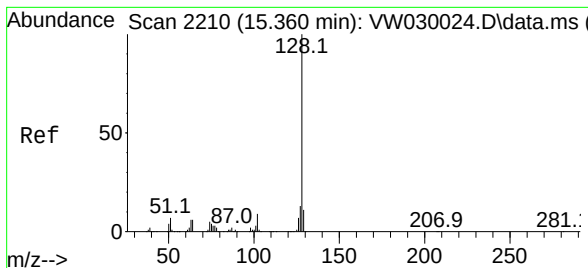
Ion Ratio Lower Upper

180 100

182 91.4 75.3 112.9

145 28.3 24.7 37.1





#71

Naphthalene

Concen: 20.952 ug/L

RT: 15.361 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Instrument :

MSVOA_W

ClientSampleId :

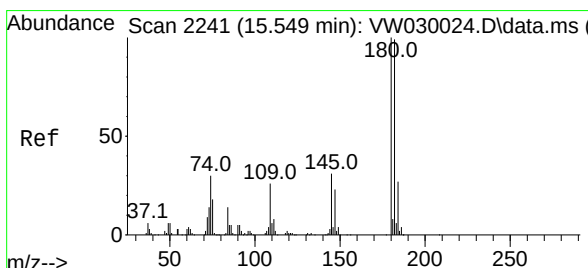
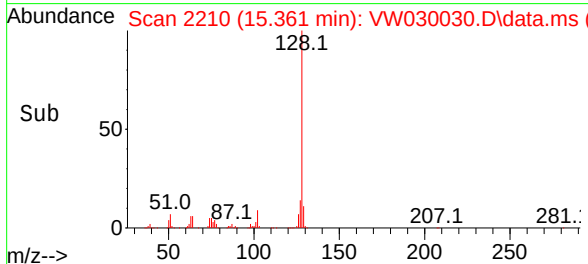
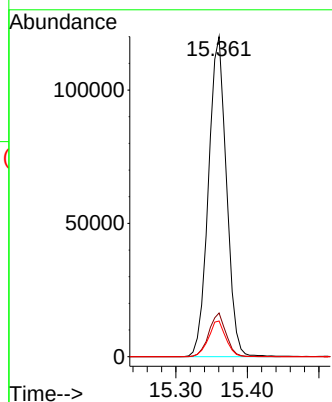
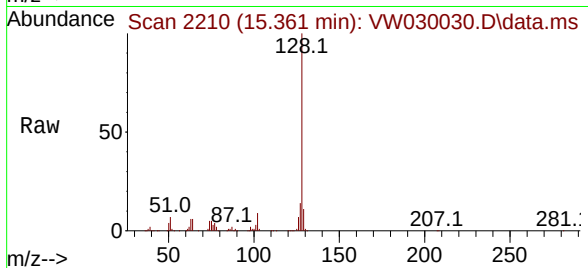
Tgt Ion:128 Resp: 209551

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 20.491 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030030.D

Acq: 27 Aug 2024 08:29

Tgt Ion:180 Resp: 94204

Ion Ratio Lower Upper

180 100

182 97.2 77.2 115.8

145 33.3 26.5 39.7

