

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111524\
 Data File : VW031036.D
 Acq On : 15 Nov 2024 19:46
 Operator : SY/MD
 Sample : P4872-07MSD
 Misc : 6.15g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 00:41:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 16 00:35:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	597704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	492256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	212812	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	101786	10.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.520%
7) Chloroethane-d5	2.899	69	85705	11.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.600%
11) 1,1-Dichloroethene-d2	4.015	65	53532	13.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.920%
21) 2-Butanone-d5	7.075	46	69811	43.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.540%
24) Chloroform-d	7.648	84	287462	16.314	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.240%
26) 1,2-Dichloroethane-d4	8.301	65	144698	16.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	66.080%#
32) Benzene-d6	8.270	84	539710	17.648	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	9.270	67	164662	18.265	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.040%
41) Toluene-d8	10.319	98	466300	16.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.000%
43) trans-1,3-Dichloroprop...	10.575	79	64346	17.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.440%
47) 2-Hexanone-d5	10.922	63	57735	49.415	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	140352	22.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	139089	17.943	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.760%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	68855	10.815	ug/L	99
3) Chloromethane	2.223	50	81949	9.552	ug/L	99
5) Vinyl chloride	2.375	62	99413	9.778	ug/L	99
6) Bromomethane	2.783	94	66899	10.021	ug/L	90
8) Chloroethane	2.936	64	61573	9.990	ug/L	97
9) Trichlorofluoromethane	3.265	101	103467	11.151	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	106993	12.526	ug/L #	80
12) 1,1-Dichloroethene	4.039	96	104090	13.473	ug/L	93
13) Acetone	4.112	43	75070	38.101	ug/L	94
14) Carbon disulfide	4.387	76	296582	11.678	ug/L	99
15) Methyl Acetate	4.667	43	42533	14.717	ug/L	100
16) Methylene chloride	4.917	84	115815	13.706	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	113134	13.348	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	181840	15.896	ug/L	98
19) 1,1-Dichloroethane	6.216	63	210728	13.324	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	126816	14.104	ug/L	97
22) 2-Butanone	7.167	43	77313	35.039	ug/L	97
23) Bromochloromethane	7.514	128	59476	15.105	ug/L	91
25) Chloroform	7.673	83	220293	13.238	ug/L	95

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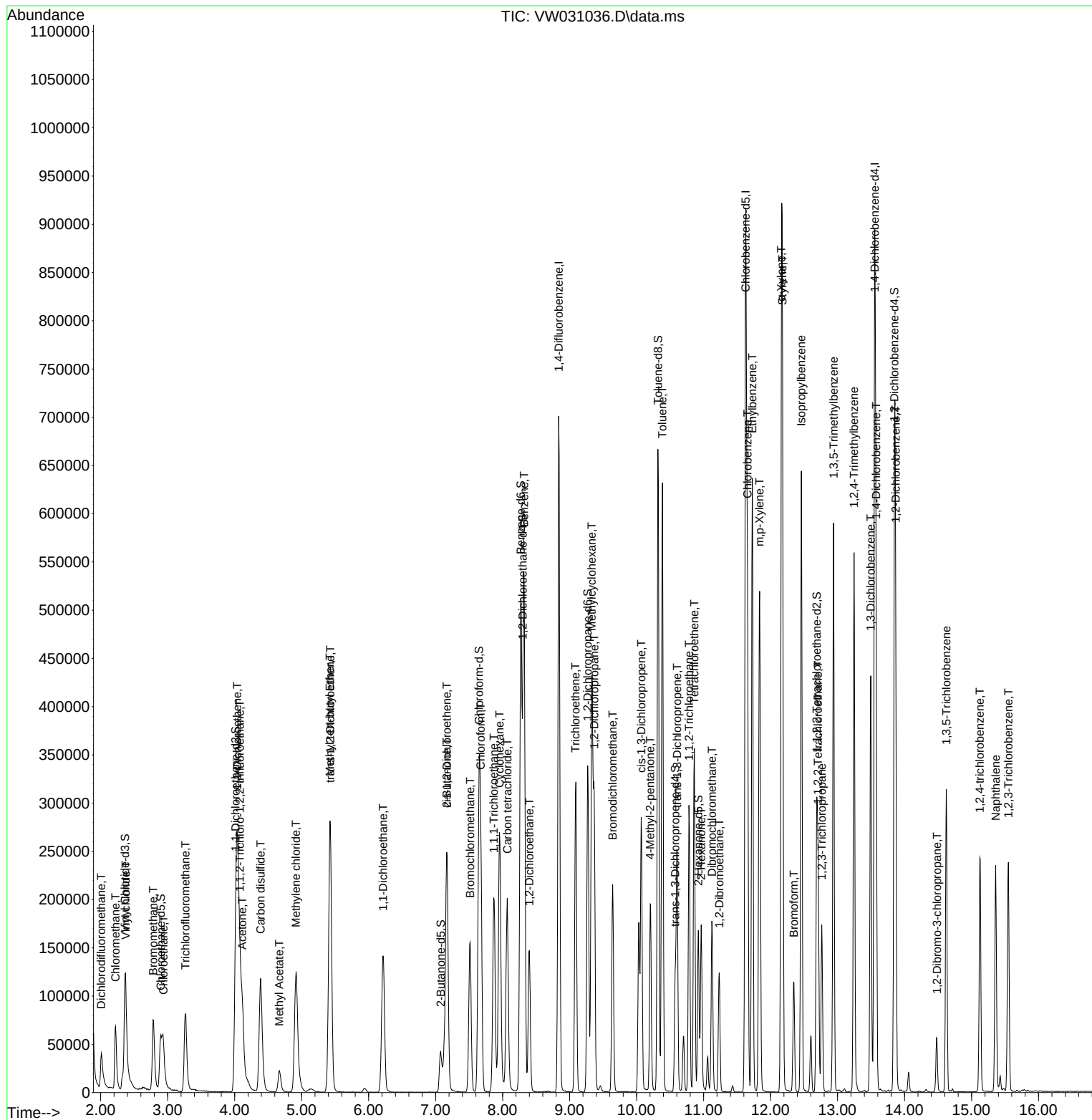
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136403	13.161	ug/L #	95
29) Cyclohexane	7.953	56	155799	13.207	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	172301	13.626	ug/L	97
31) Carbon tetrachloride	8.069	117	153071	13.472	ug/L	100
33) Benzene	8.319	78	465351	14.667	ug/L	100
34) Trichloroethene	9.087	95	114975	13.141	ug/L	92
35) Methylcyclohexane	9.331	83	182507	13.161	ug/L	97
37) 1,2-Dichloropropane	9.368	63	120264	15.167	ug/L	98
38) Bromodichloromethane	9.642	83	149146	14.323	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	176283	14.861	ug/L	94
40) 4-Methyl-2-pentanone	10.203	43	125874	34.711	ug/L	96
42) Toluene	10.386	91	470111	13.992	ug/L	92
44) trans-1,3-Dichloropropene	10.605	75	147047	14.922	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	92959	16.332	ug/L	98
46) Tetrachloroethene	10.861	164	84141	12.580	ug/L	92
48) 2-Hexanone	10.965	43	105358	38.188	ug/L	94
49) Dibromochloromethane	11.123	129	95778	15.434	ug/L	96
50) 1,2-Dibromoethane	11.233	107	87011	16.577	ug/L	100
51) Chlorobenzene	11.654	112	284210	13.217	ug/L	96
52) Ethylbenzene	11.727	91	453195	11.938	ug/L	99
53) m,p-Xylene	11.837	106	172869	12.107	ug/L	99
54) o-Xylene	12.160	106	172046	13.095	ug/L	99
55) Styrene	12.178	104	303390	13.516	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	104442	16.815	ug/L	97
59) Bromoform	12.349	173	53373	17.564	ug/L	98
60) Isopropylbenzene	12.459	105	405593	12.494	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	72932	18.279	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	303615	11.879	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	299290	12.024	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	176105	12.355	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	189771	12.968	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	179447	14.126	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	15108	17.886	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.623	180	98450	10.408	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	82919	11.040	ug/L	97
71) Naphthalene	15.360	128	200334	16.454	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	82805	12.793	ug/L	98

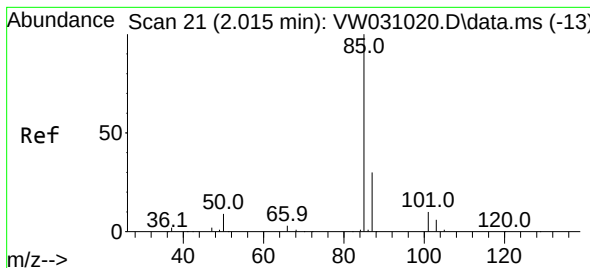
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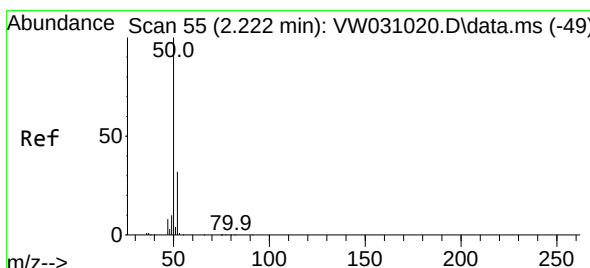
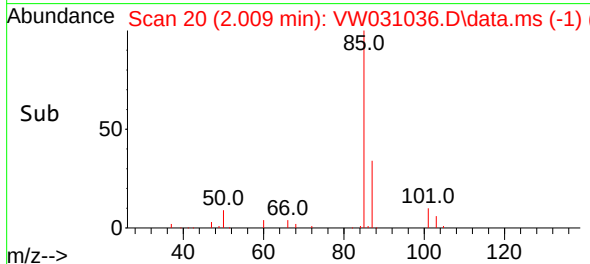
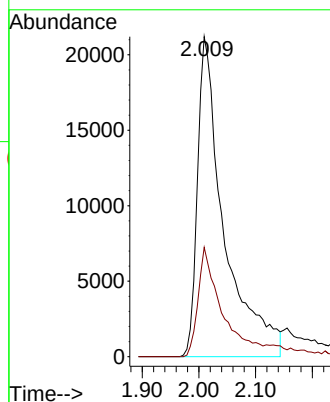
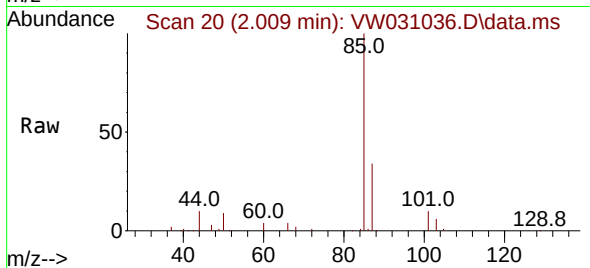




#2
 Dichlorodifluoromethane
 Concen: 10.815 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031036.D
 Acq: 15 Nov 2024 19:46

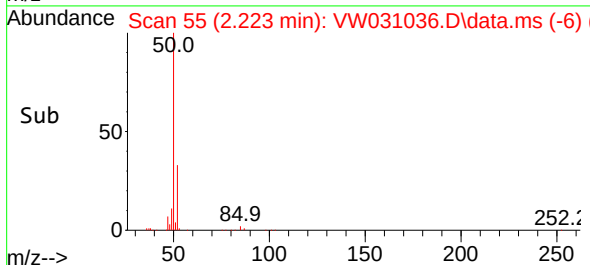
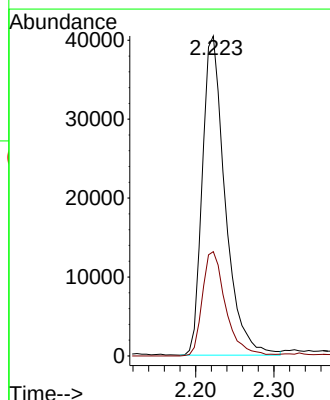
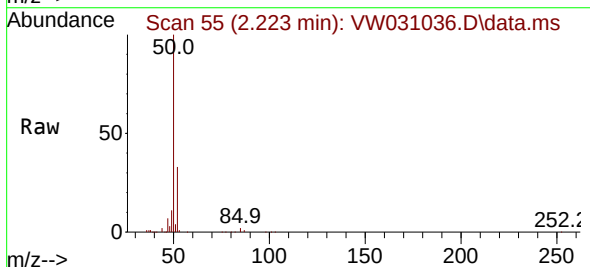
Instrument :
 MSVOA_W
 ClientSampleId :

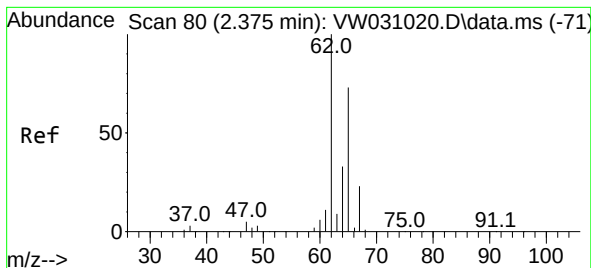
Tgt Ion: 85 Resp: 68855
 Ion Ratio Lower Upper
 85 100
 87 30.6 24.2 36.4



#3
 Chloromethane
 Concen: 9.552 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031036.D
 Acq: 15 Nov 2024 19:46

Tgt Ion: 50 Resp: 81949
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.5 41.9





#5

Vinyl chloride

Concen: 9.778 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

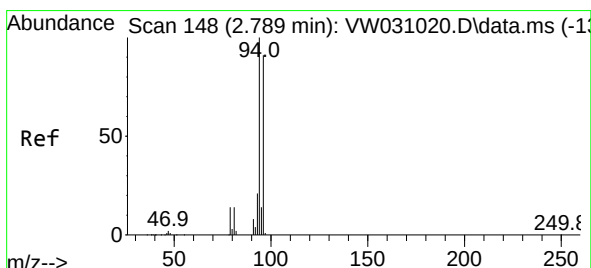
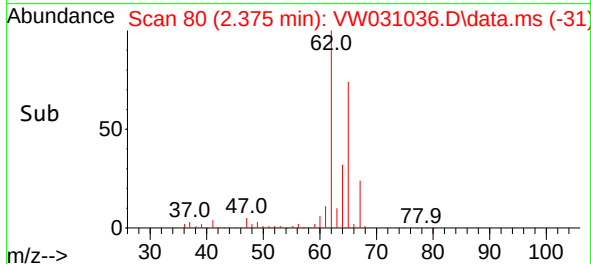
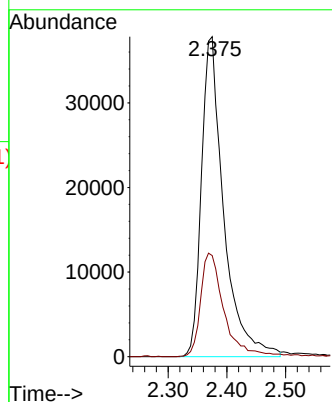
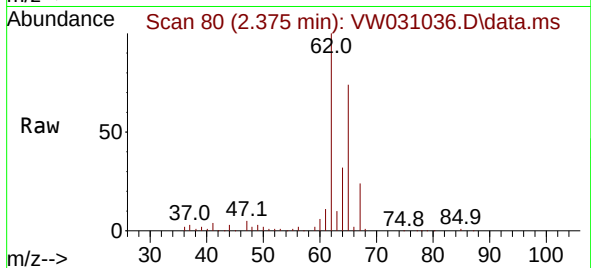
ClientSampleId :

Tgt Ion: 62 Resp: 99413

Ion Ratio Lower Upper

62 100

64 31.6 21.7 40.3



#6

Bromomethane

Concen: 10.021 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW031036.D

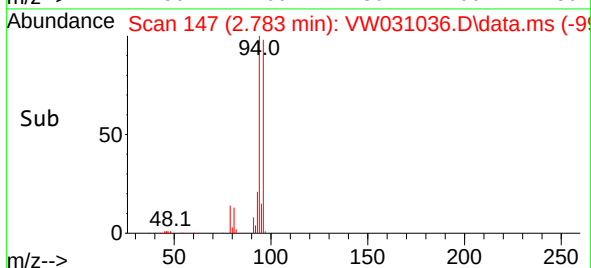
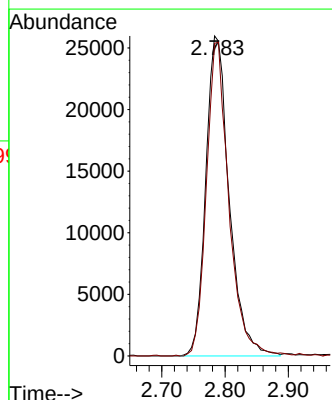
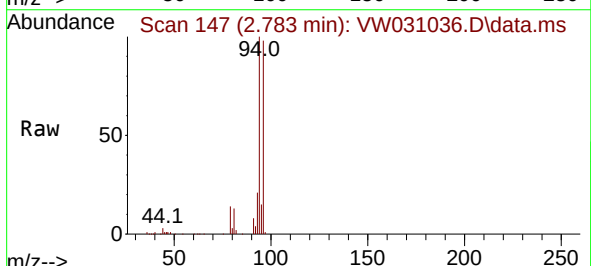
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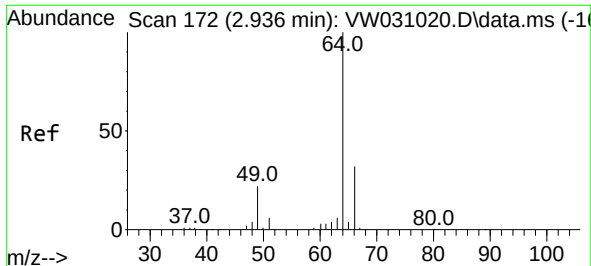
Tgt Ion: 94 Resp: 66899

Ion Ratio Lower Upper

94 100

96 97.7 61.6 114.4

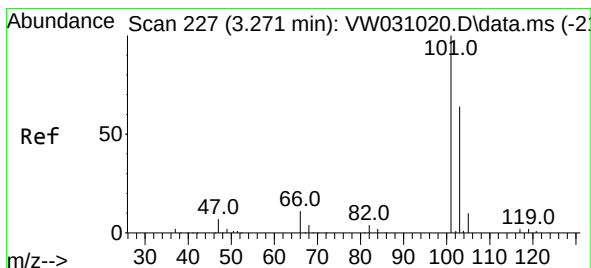
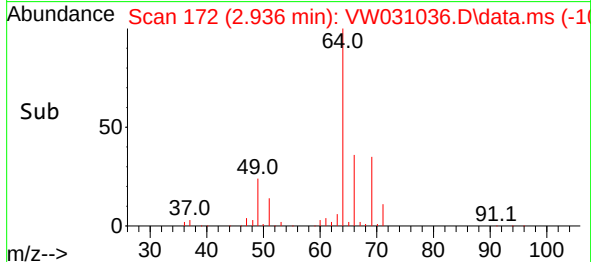
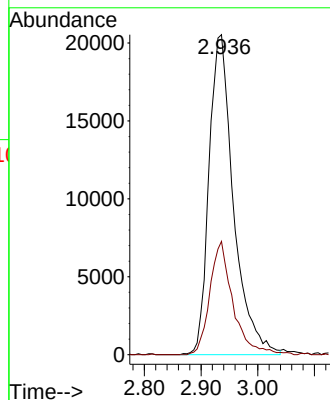
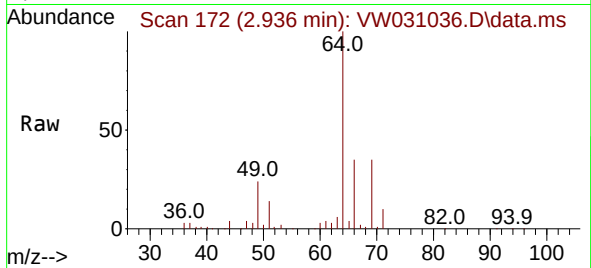




#8
Chloroethane
Concen: 9.990 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

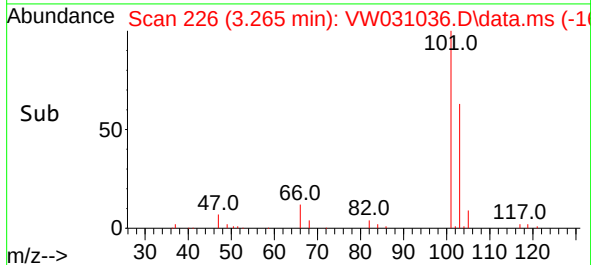
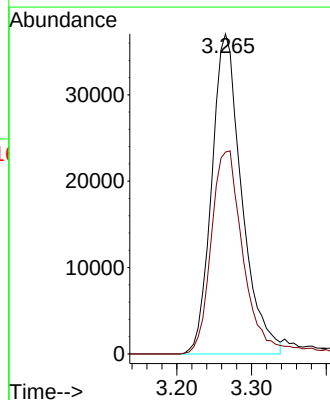
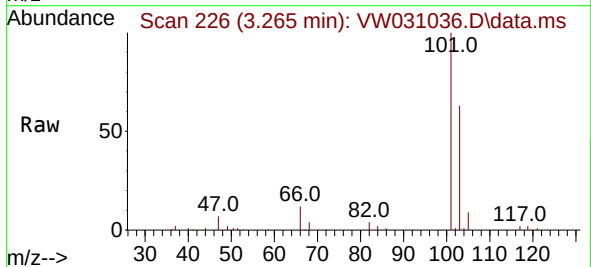
Instrument :
MSVOA_W
ClientSampleId :

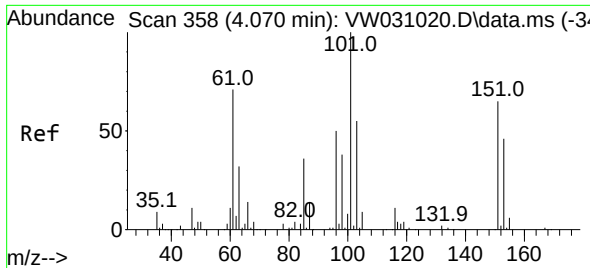
Tgt Ion: 64 Resp: 61573
Ion Ratio Lower Upper
64 100
66 35.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 11.151 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:101 Resp: 103467
Ion Ratio Lower Upper
101 100
103 67.6 51.8 77.6

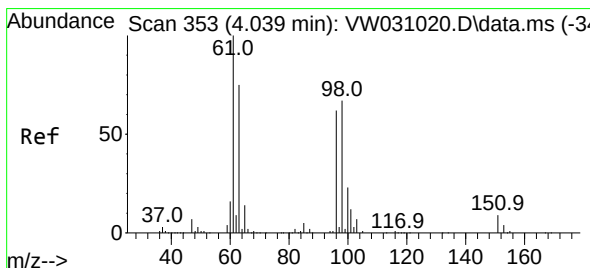
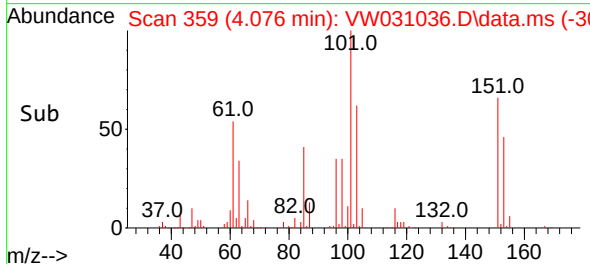
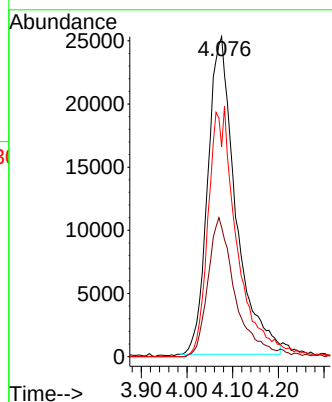
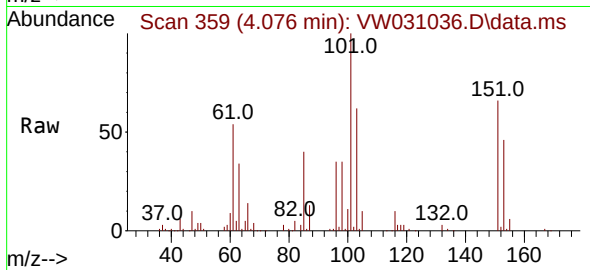




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.526 ug/L
 RT: 4.076 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW031036.D
 Acq: 15 Nov 2024 19:46

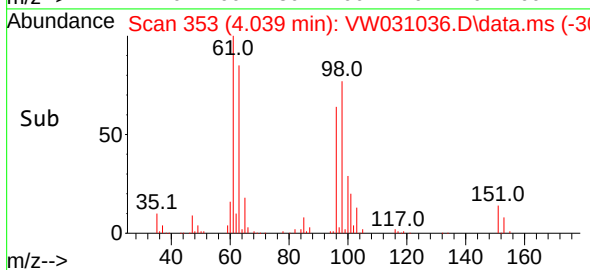
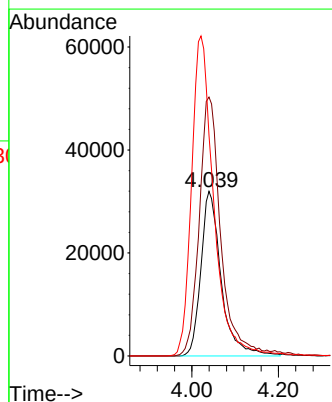
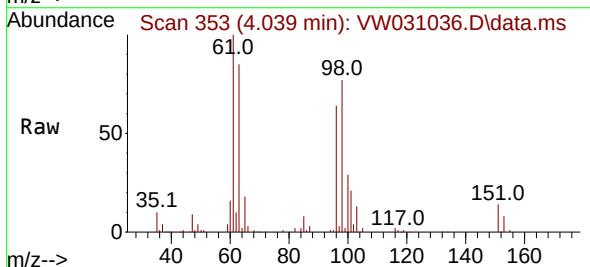
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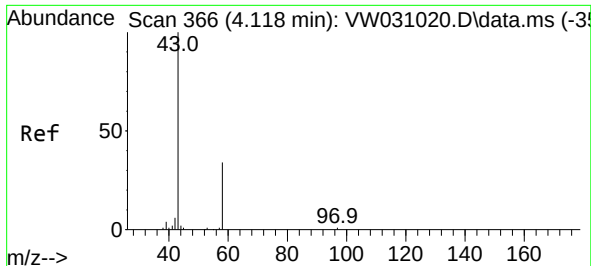
Tgt Ion:101 Resp: 106993
 Ion Ratio Lower Upper
 101 100
 85 42.3 32.9 49.3
 151 38.7 51.0 76.6#



#12
 1,1-Dichloroethene
 Concen: 13.473 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW031036.D
 Acq: 15 Nov 2024 19:46

Tgt Ion: 96 Resp: 104090
 Ion Ratio Lower Upper
 96 100
 61 157.3 118.9 220.7
 63 134.1 97.8 181.6

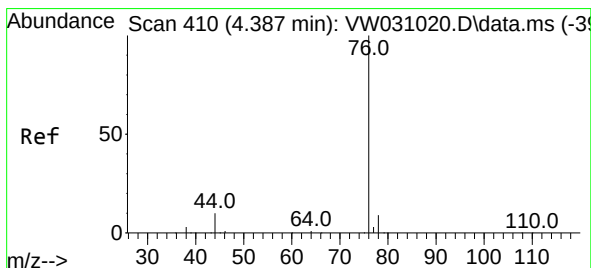
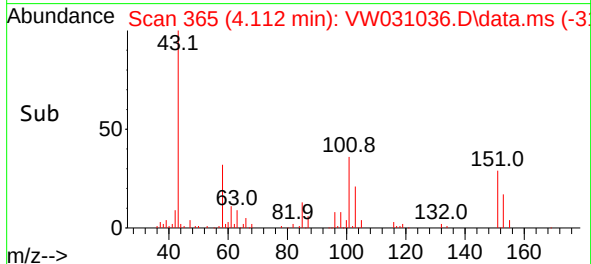
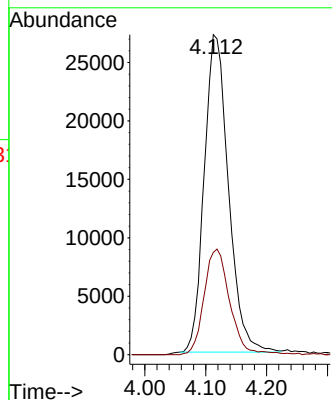
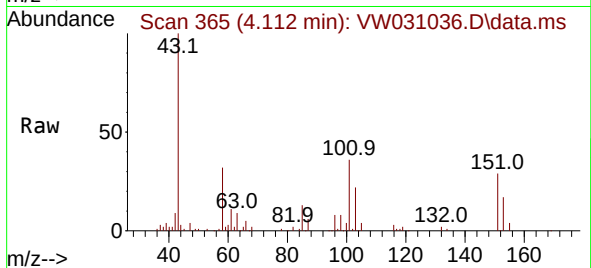




#13
Acetone
Concen: 38.101 ug/L
RT: 4.112 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

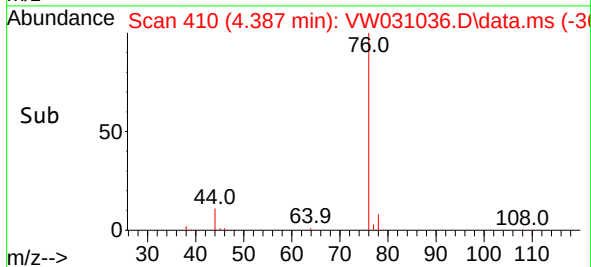
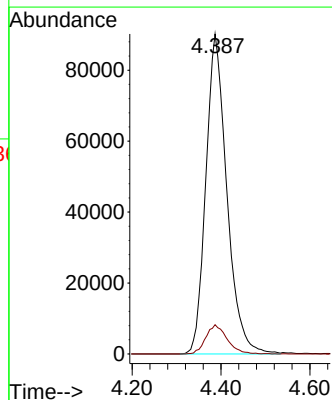
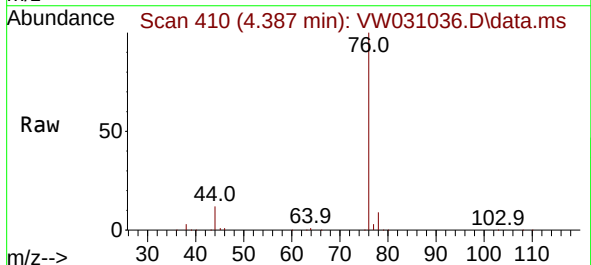
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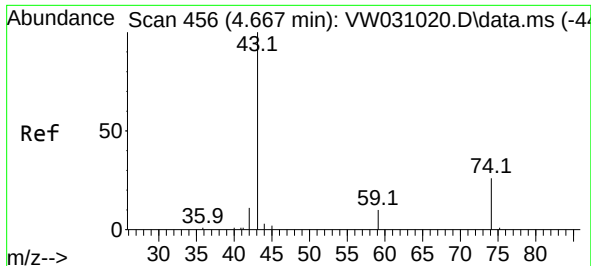
Tgt Ion: 43 Resp: 75070
Ion Ratio Lower Upper
43 100
58 34.5 0.0 62.6



#14
Carbon disulfide
Concen: 11.678 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 296582
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

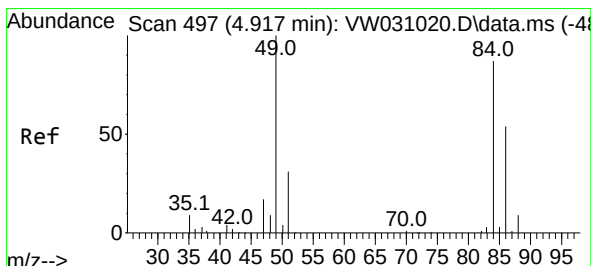
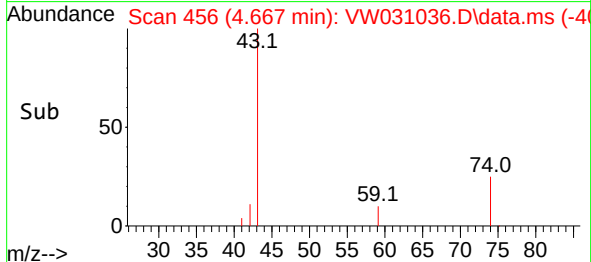
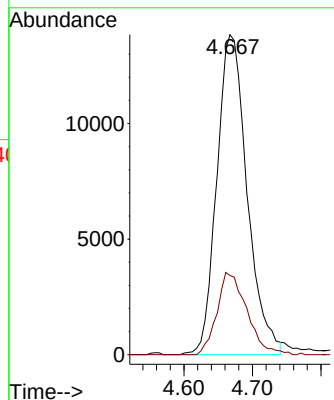
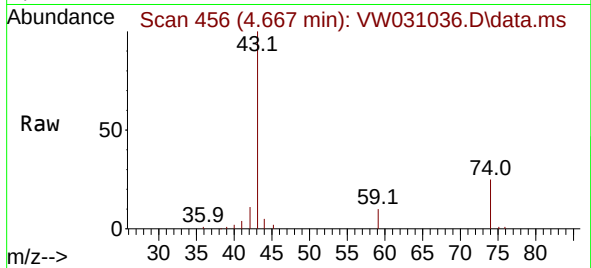




#15
Methyl Acetate
Concen: 14.717 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

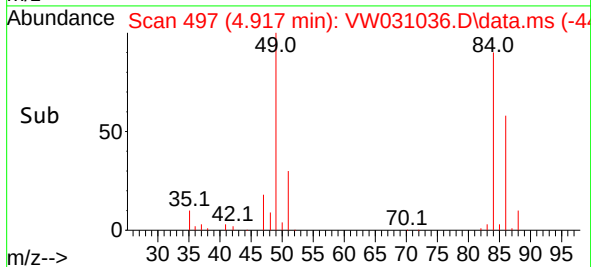
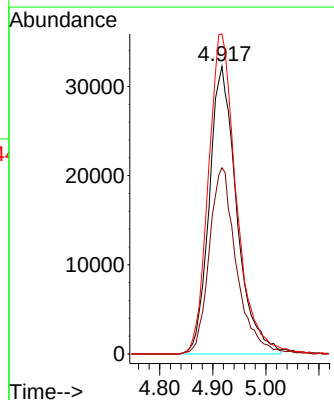
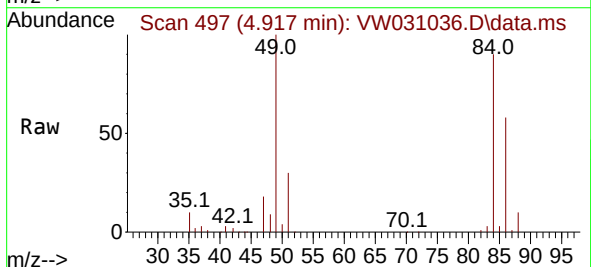
Instrument :
MSVOA_W
ClientSampleId :

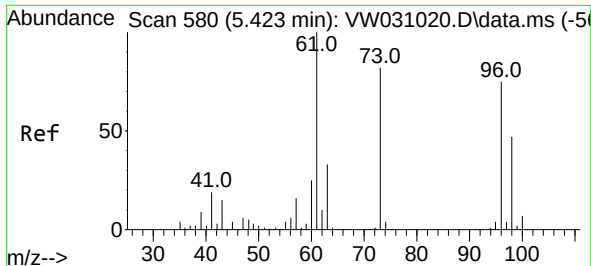
Tgt Ion: 43 Resp: 42533
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2



#16
Methylene chloride
Concen: 13.706 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 84 Resp: 115815
Ion Ratio Lower Upper
84 100
86 64.8 41.8 77.6
49 111.3 82.8 153.8





#17

trans-1,2-Dichloroethene

Concen: 13.348 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

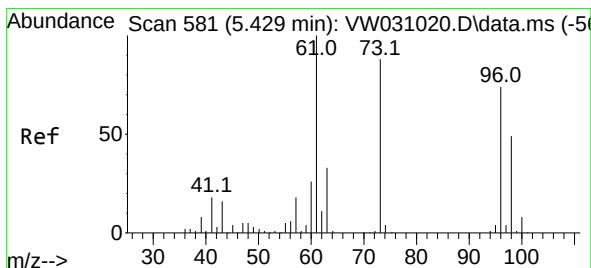
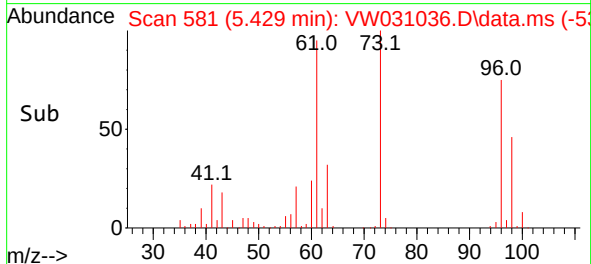
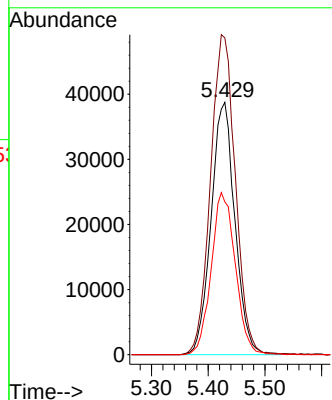
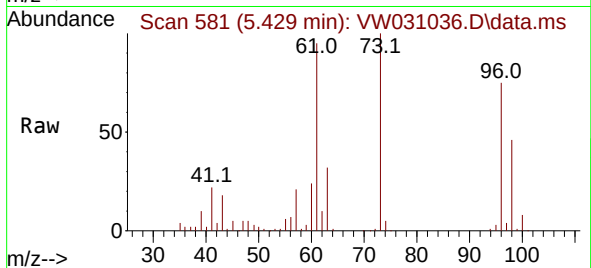
Tgt Ion: 96 Resp: 113134

Ion Ratio Lower Upper

96 100

61 125.6 95.2 176.8

98 60.6 42.6 79.2



#18

Methyl tert-butyl Ether

Concen: 15.896 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

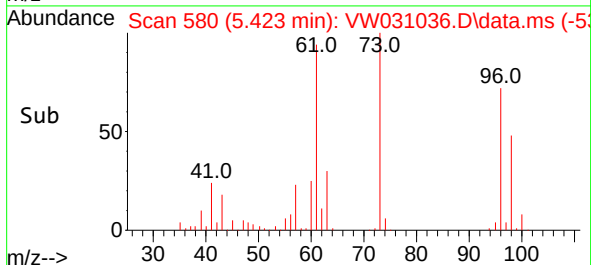
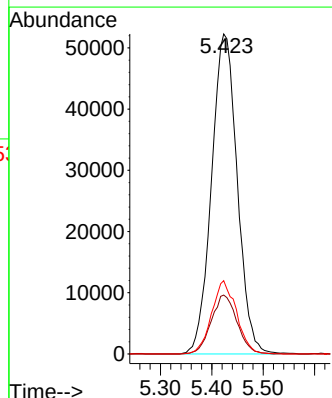
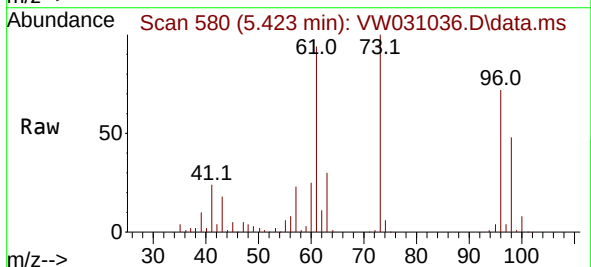
Tgt Ion: 73 Resp: 181840

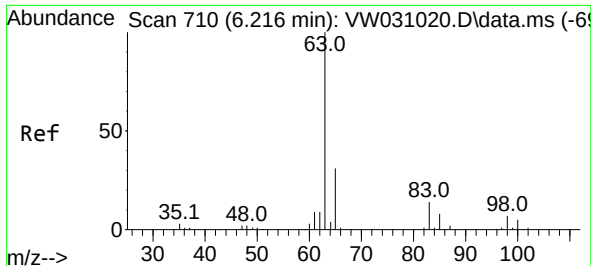
Ion Ratio Lower Upper

73 100

43 18.5 16.2 24.2

57 22.1 17.3 25.9





#19

1,1-Dichloroethane

Concen: 13.324 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

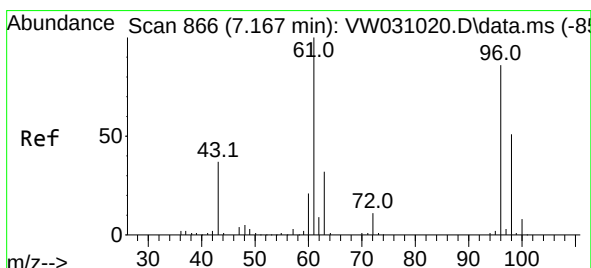
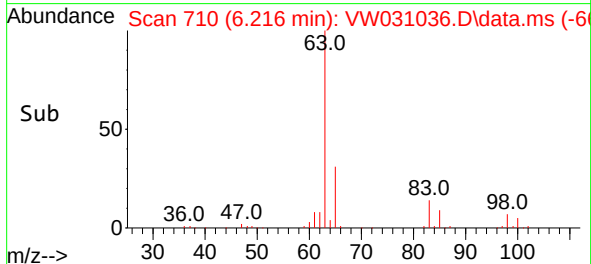
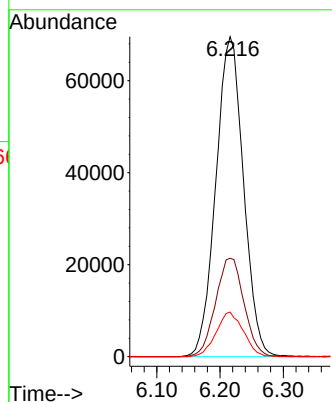
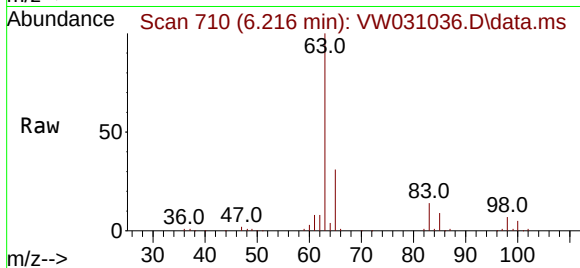
Tgt Ion: 63 Resp: 210728

Ion Ratio Lower Upper

63 100

65 30.8 23.0 42.8

83 13.9 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 14.104 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

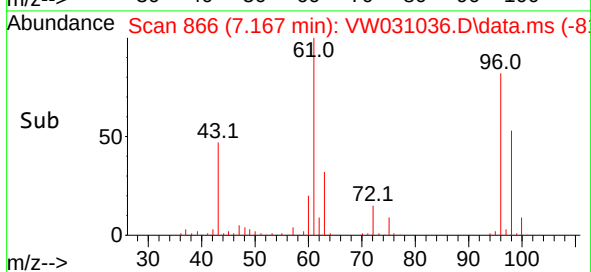
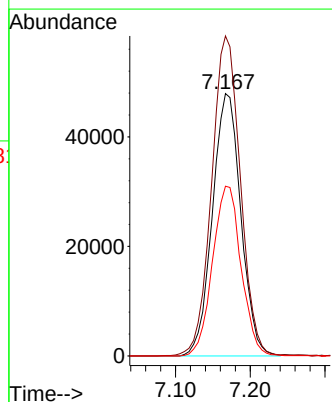
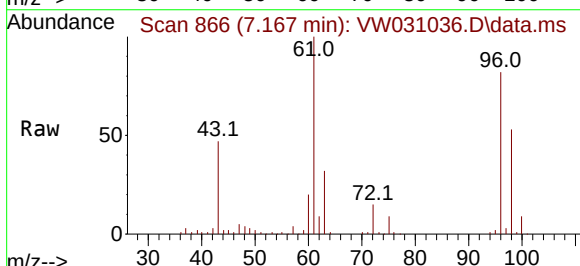
Tgt Ion: 96 Resp: 126816

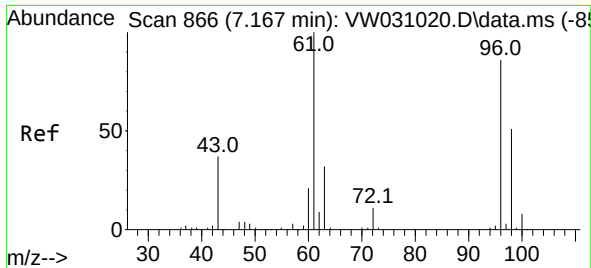
Ion Ratio Lower Upper

96 100

61 122.0 89.2 165.8

98 64.7 45.1 83.9

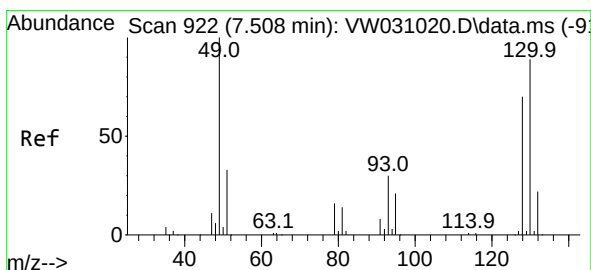
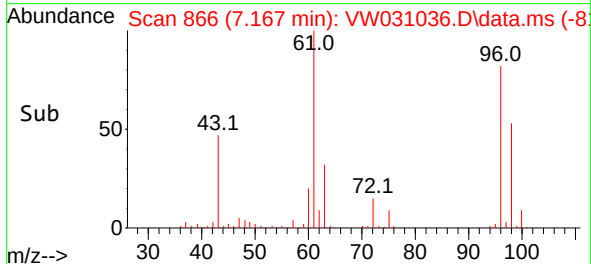
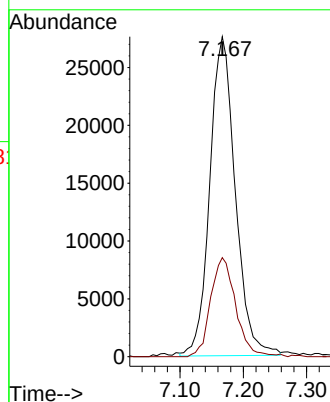
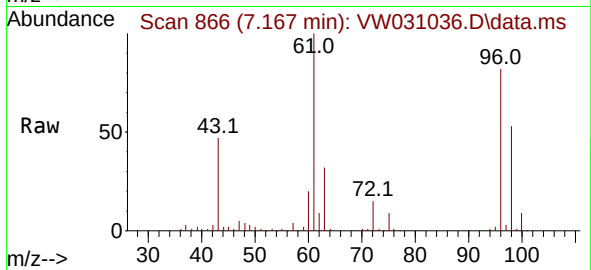




#22
2-Butanone
Concen: 35.039 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

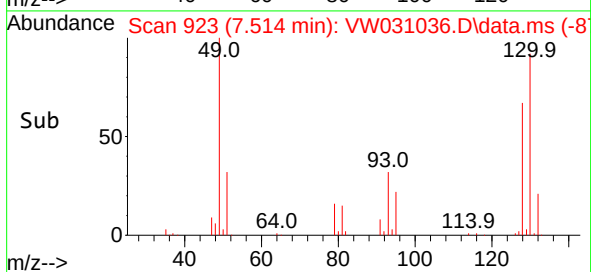
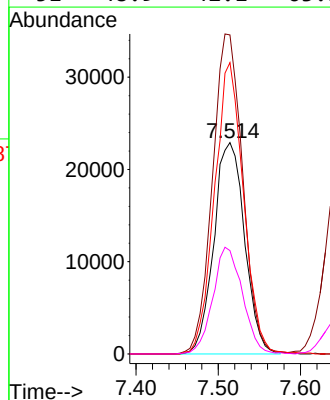
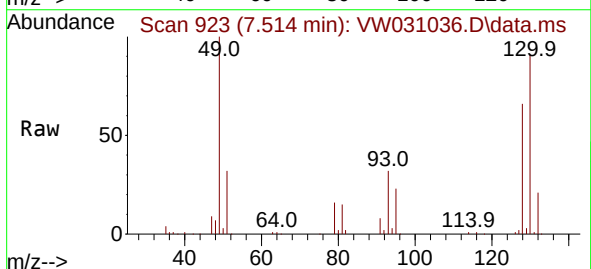
Instrument :
MSVOA_W
ClientSampleId :

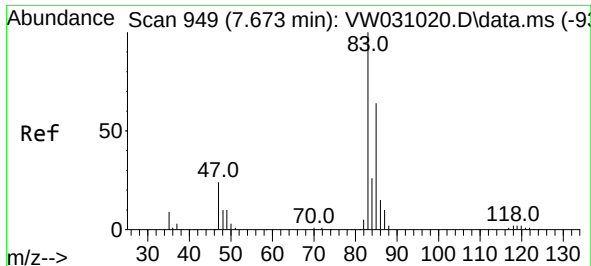
Tgt Ion: 43 Resp: 77313
Ion Ratio Lower Upper
43 100
72 30.4 14.5 43.6



#23
Bromochloromethane
Concen: 15.105 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:128 Resp: 59476
Ion Ratio Lower Upper
128 100
49 150.9 112.4 208.8
130 137.8 86.2 160.0
51 48.9 42.1 63.1

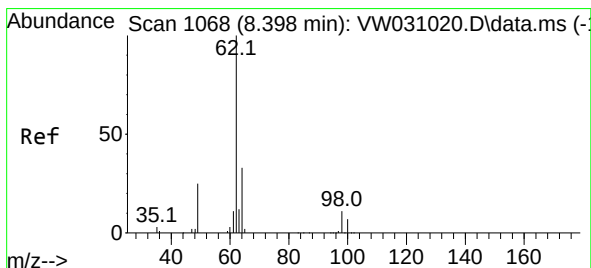
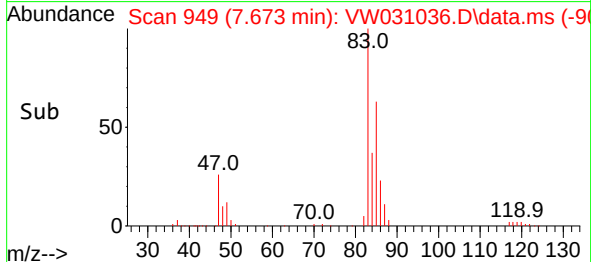
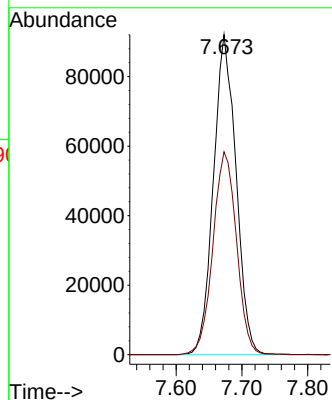
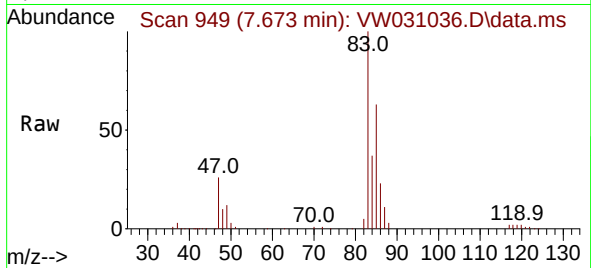




#25
Chloroform
Concen: 13.238 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

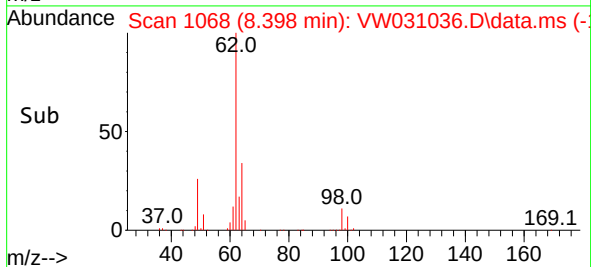
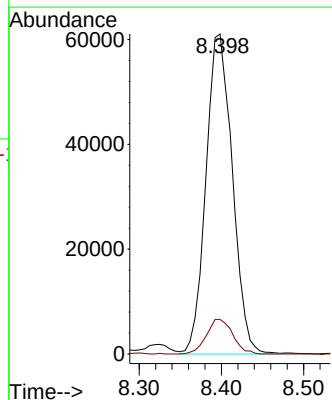
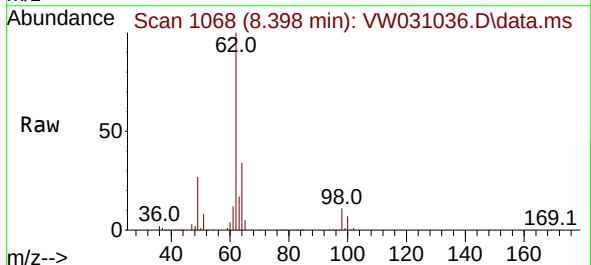
Instrument :
MSVOA_W
ClientSampleId :

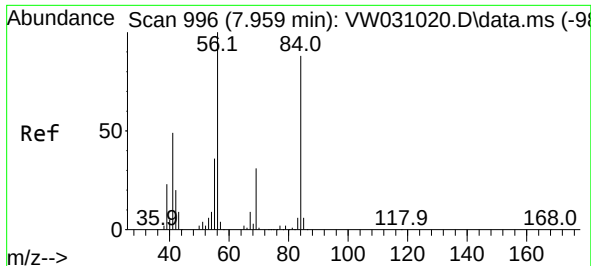
Tgt Ion: 83 Resp: 220293
Ion Ratio Lower Upper
83 100
85 63.4 47.2 87.6



#27
1,2-Dichloroethane
Concen: 13.161 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

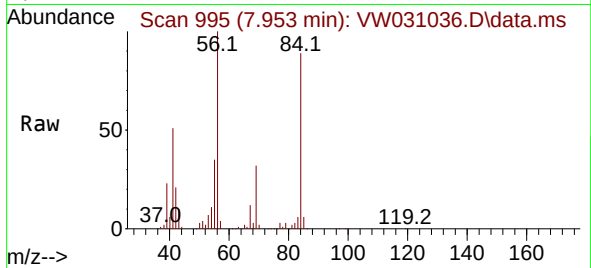
Tgt Ion: 62 Resp: 136403
Ion Ratio Lower Upper
62 100
98 10.8 7.1 10.7#



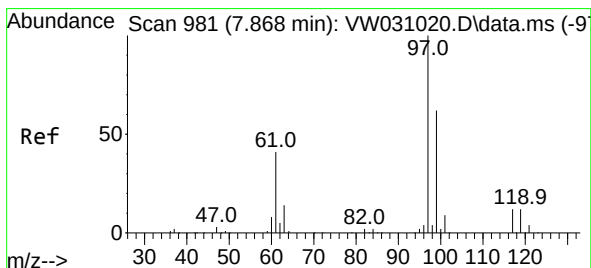
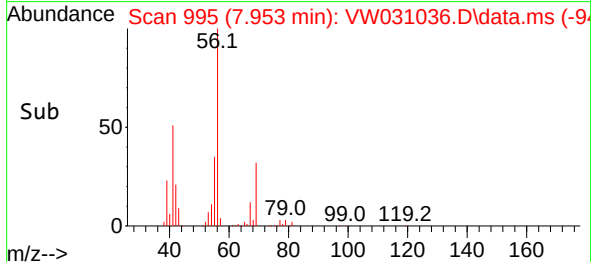
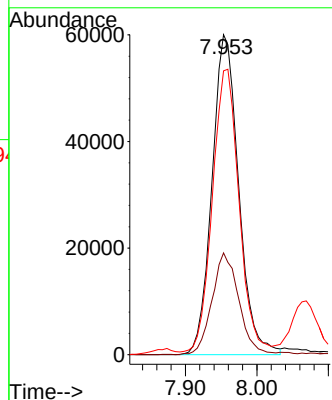


#29
Cyclohexane
Concen: 13.207 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Instrument :
MSVOA_W
ClientSampleId :

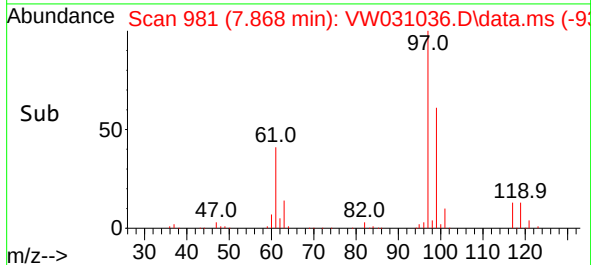
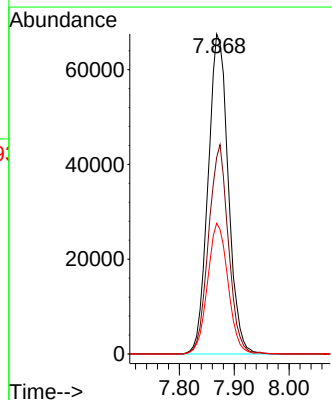
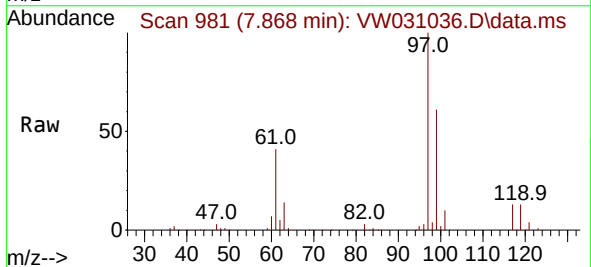


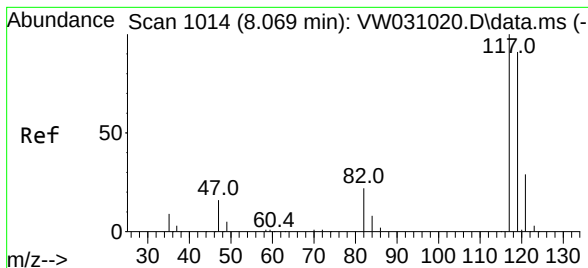
Tgt Ion: 56 Resp: 155799
Ion Ratio Lower Upper
56 100
69 31.8 24.8 37.2
84 89.8 69.5 104.3



#30
1,1,1-Trichloroethane
Concen: 13.626 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 97 Resp: 172301
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 41.4 36.2 54.4

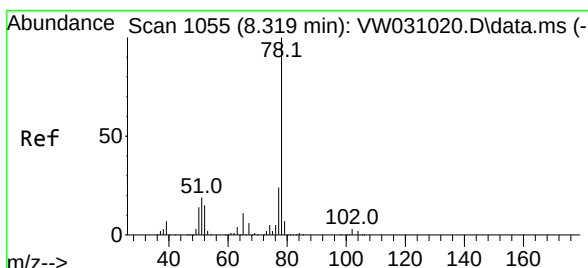
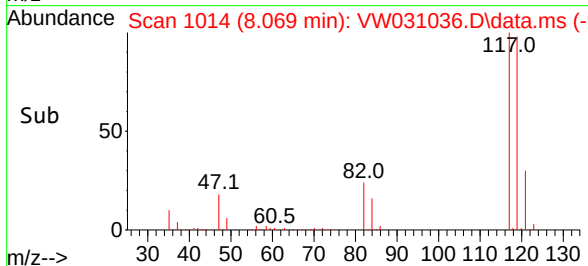
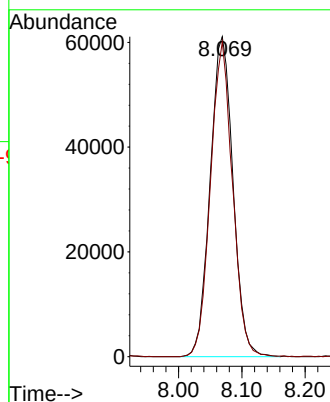
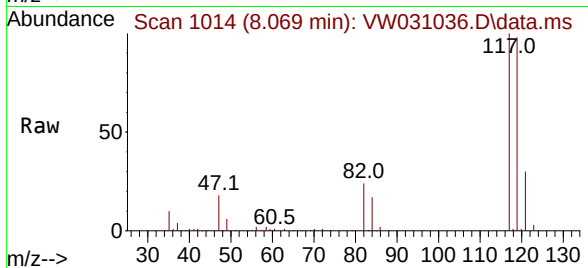




#31
Carbon tetrachloride
Concen: 13.472 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

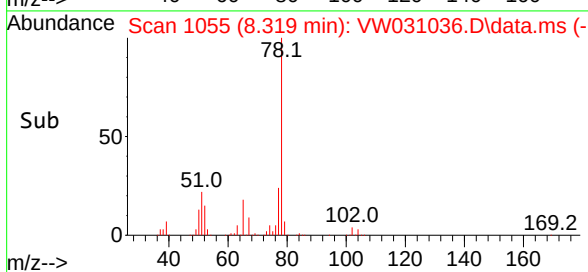
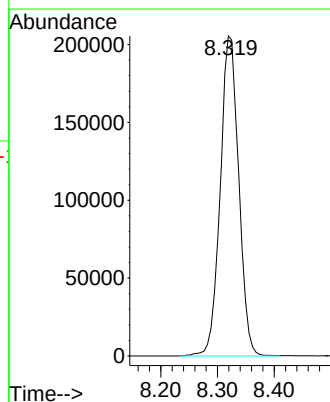
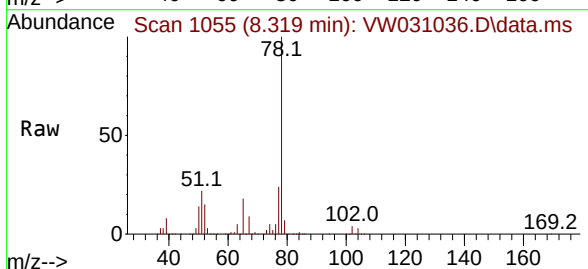
Instrument :
MSVOA_W
ClientSampleId :

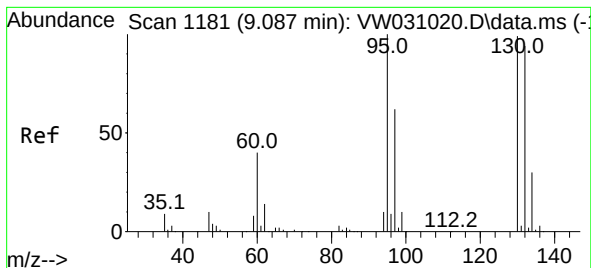
Tgt Ion:117 Resp: 153071
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2



#33
Benzene
Concen: 14.667 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 78 Resp: 465351





#34

Trichloroethene

Concen: 13.141 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 114975

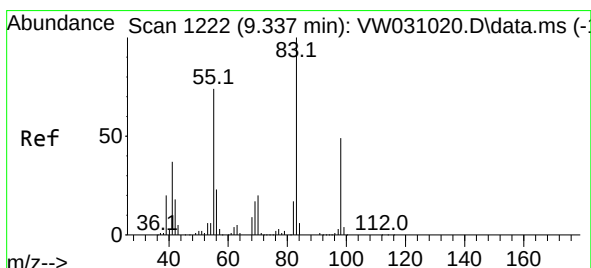
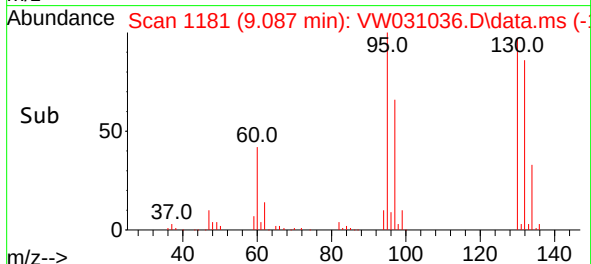
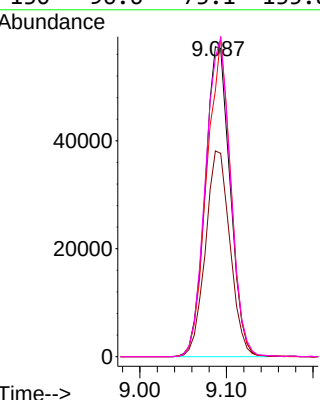
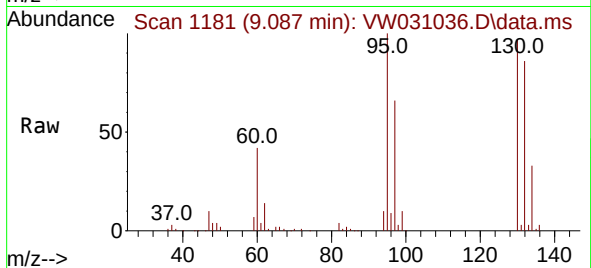
Ion Ratio Lower Upper

95 100

97 66.4 48.9 90.7

132 85.9 67.7 125.7

130 96.6 73.1 135.8



#35

Methylcyclohexane

Concen: 13.161 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

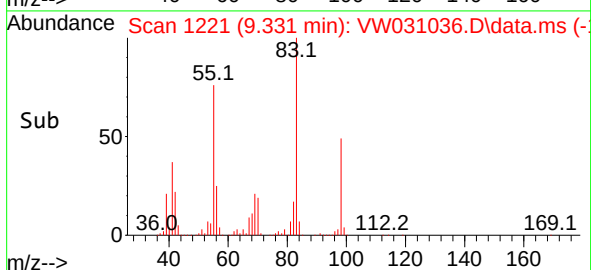
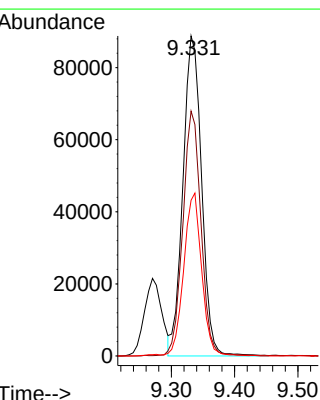
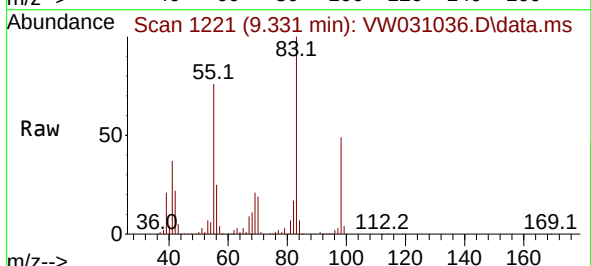
Tgt Ion: 83 Resp: 182507

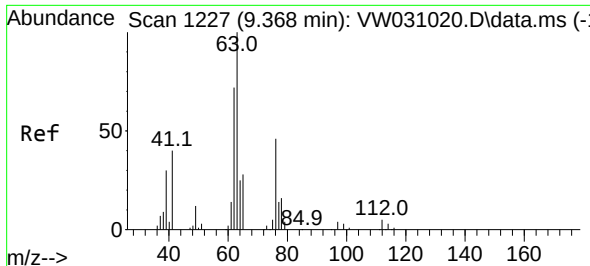
Ion Ratio Lower Upper

83 100

55 74.5 62.8 94.2

98 48.9 39.4 59.2





#37

1,2-Dichloropropane

Concen: 15.167 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

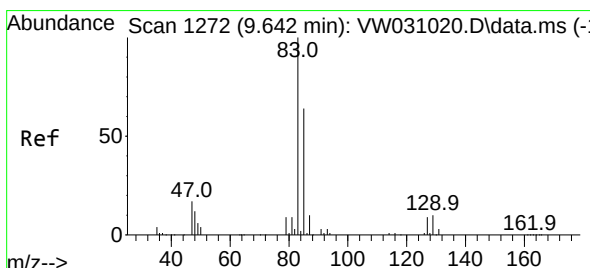
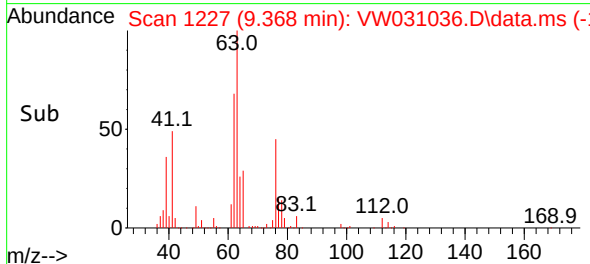
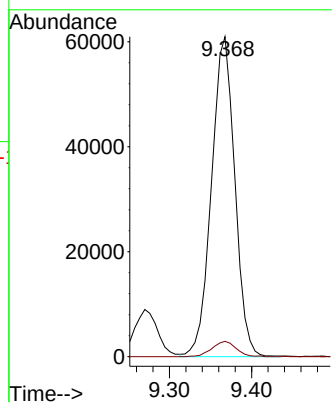
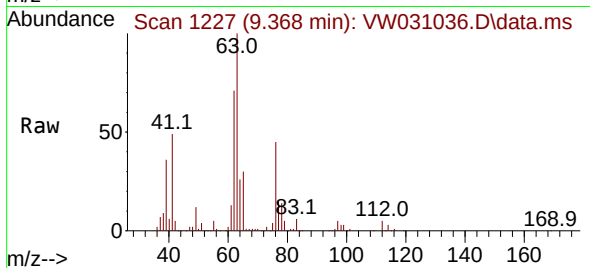
ClientSampleId :

Tgt Ion: 63 Resp: 120264

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 14.323 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

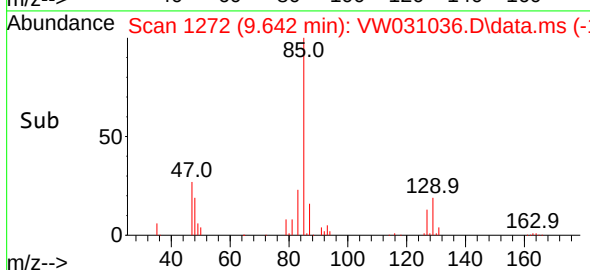
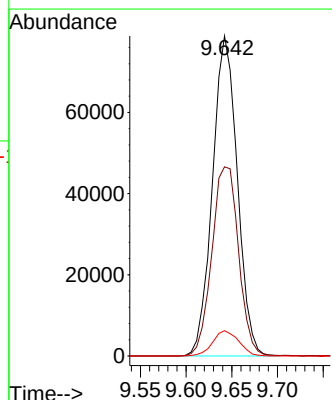
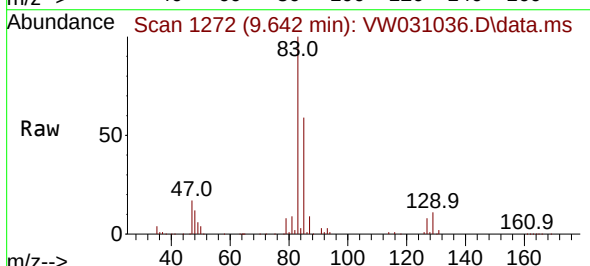
Tgt Ion: 83 Resp: 149146

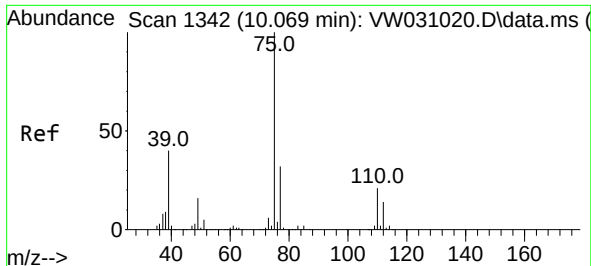
Ion Ratio Lower Upper

83 100

85 59.1 44.1 81.9

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 14.861 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

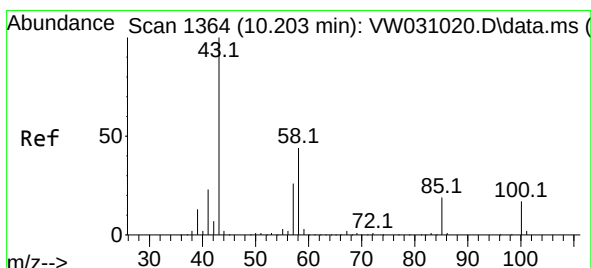
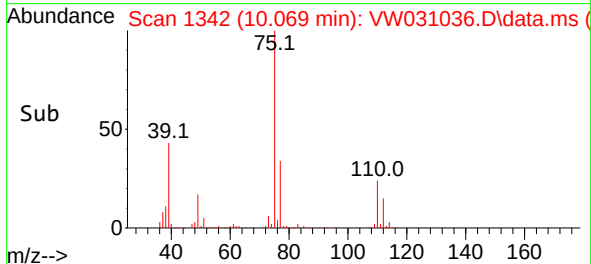
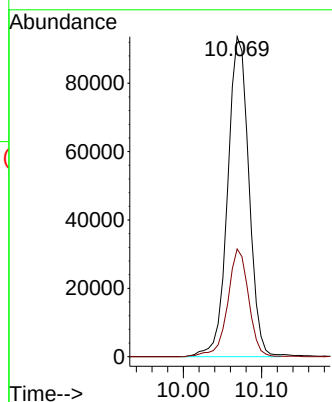
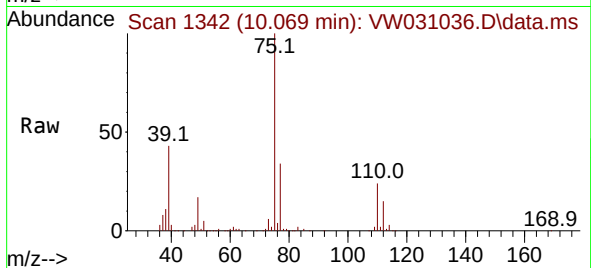
ClientSampleId :

Tgt Ion: 75 Resp: 176283

Ion Ratio Lower Upper

75 100

77 33.7 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 34.711 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

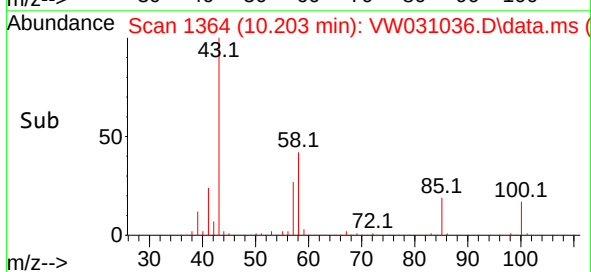
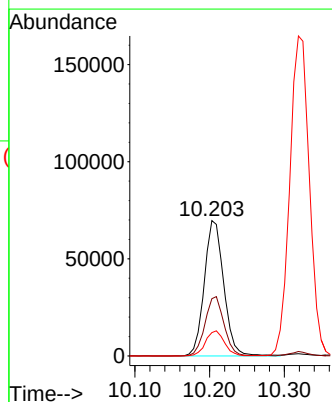
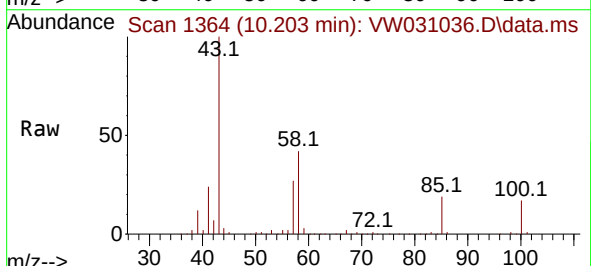
Tgt Ion: 43 Resp: 125874

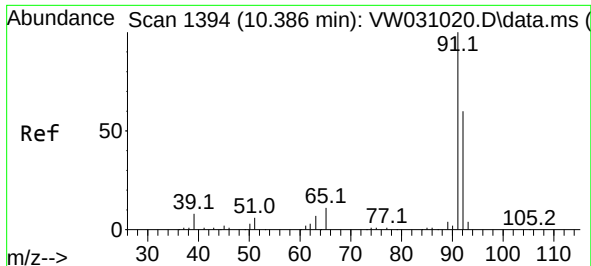
Ion Ratio Lower Upper

43 100

58 43.2 32.2 48.4

100 18.0 13.3 19.9

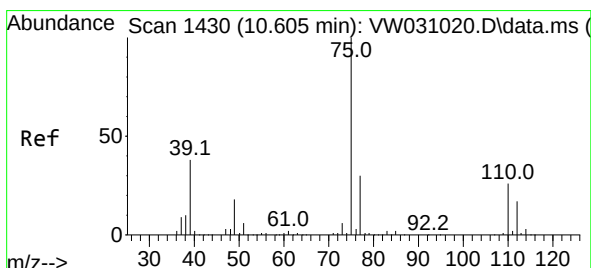
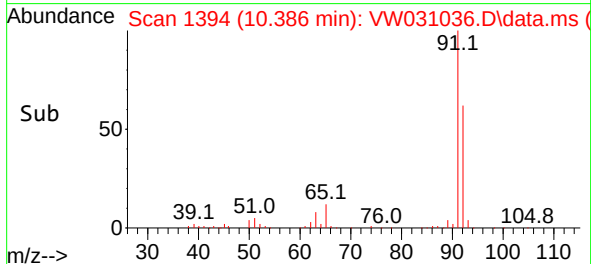
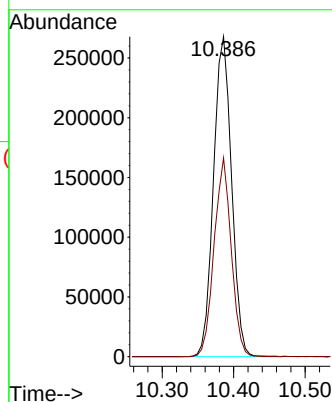
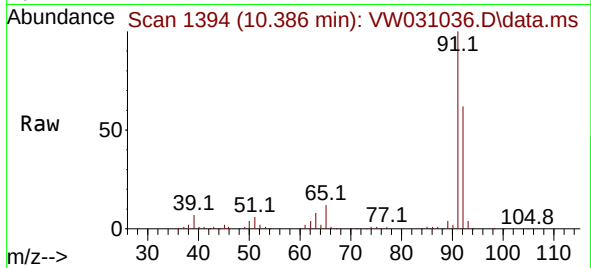




#42
Toluene
Concen: 13.992 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

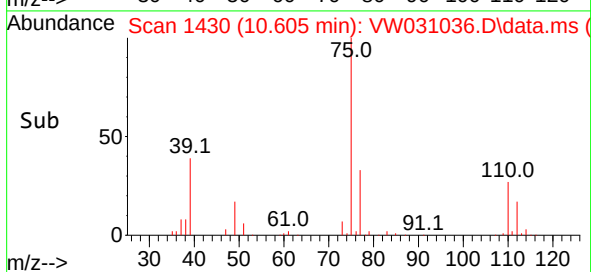
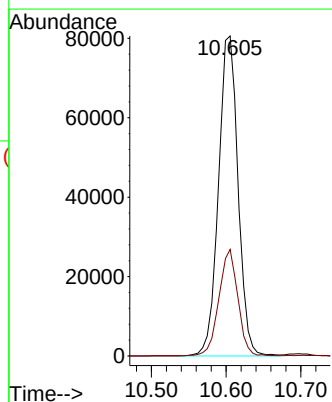
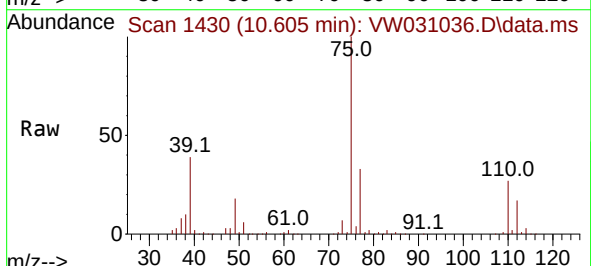
Instrument :
MSVOA_W
ClientSampleId :

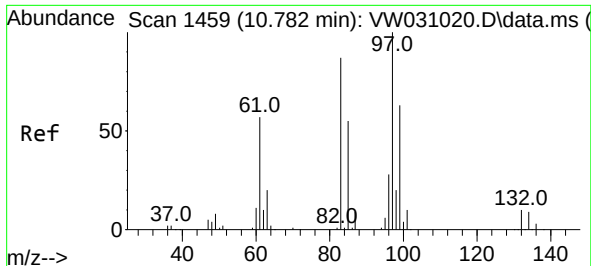
Tgt Ion: 91 Resp: 470111
Ion Ratio Lower Upper
91 100
92 62.1 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 14.922 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

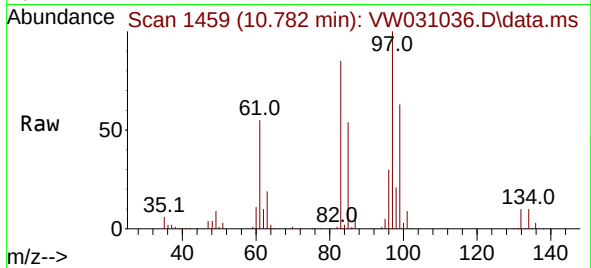
Tgt Ion: 75 Resp: 147047
Ion Ratio Lower Upper
75 100
77 33.3 23.6 43.8



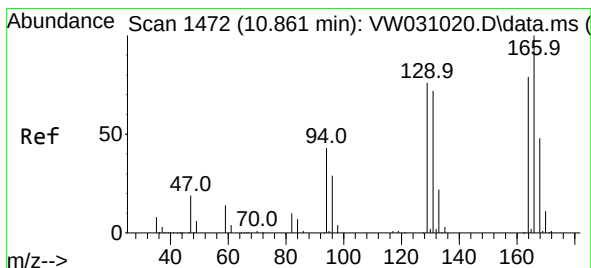
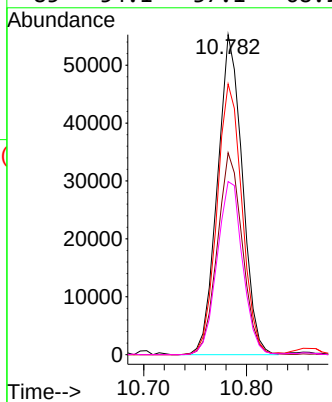
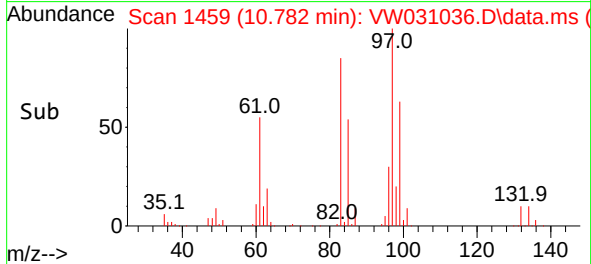


#45
1,1,2-Trichloroethane
Concen: 16.332 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

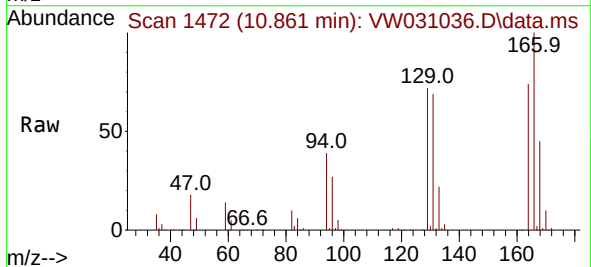
Instrument :
MSVOA_W
ClientSampleId :



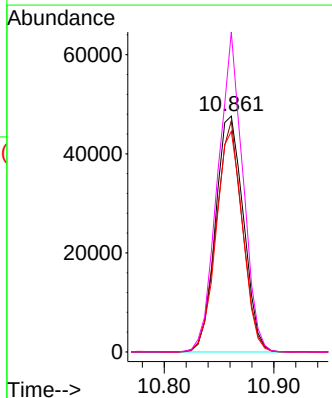
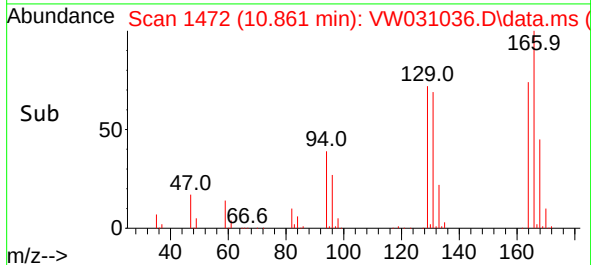
Tgt Ion:	97	Resp:	92959
Ion	Ratio	Lower	Upper
97	100		
99	63.1	42.8	79.4
83	84.6	60.6	112.6
85	54.1	37.1	68.9

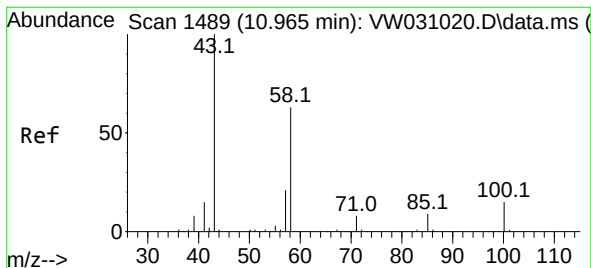


#46
Tetrachloroethene
Concen: 12.580 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46



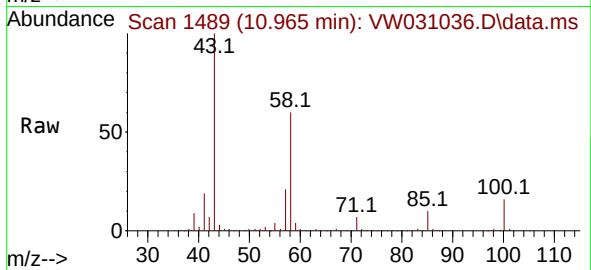
Tgt Ion:	164	Resp:	84141
Ion	Ratio	Lower	Upper
164	100		
129	98.1	71.1	132.1
131	93.5	62.6	116.3
166	135.7	83.7	155.5



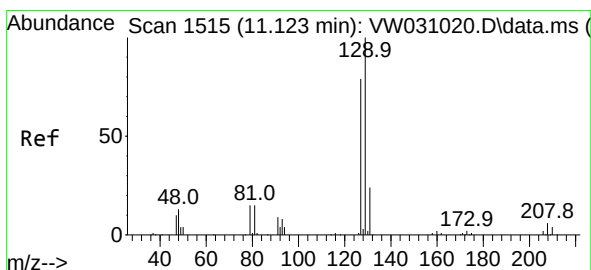
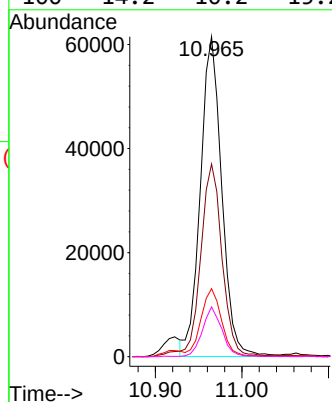
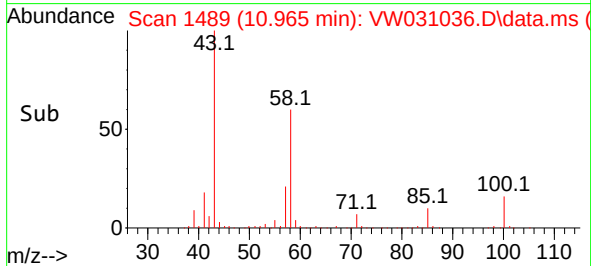


#48
2-Hexanone
Concen: 38.188 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Instrument :
MSVOA_W
ClientSampleId :

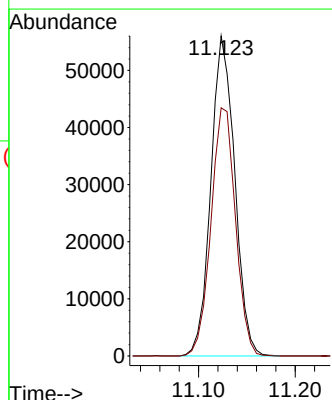
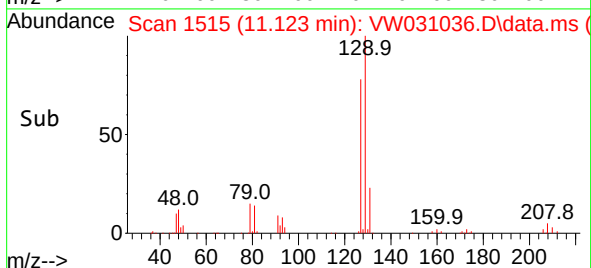
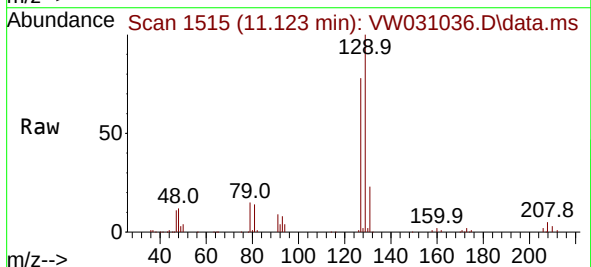


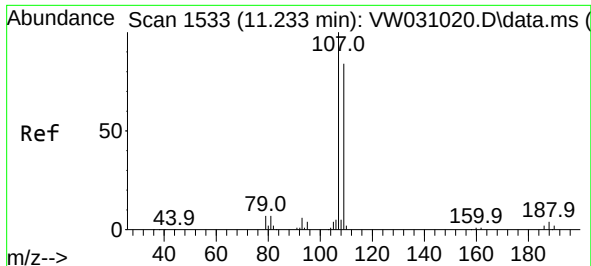
Tgt Ion: 43 Resp: 105358
Ion Ratio Lower Upper
43 100
58 60.6 43.8 65.8
57 20.4 15.4 23.2
100 14.2 10.2 15.2



#49
Dibromochloromethane
Concen: 15.434 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 129 Resp: 95778
Ion Ratio Lower Upper
129 100
127 77.6 52.1 96.7





#50

1,2-Dibromoethane

Concen: 16.577 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031036.D

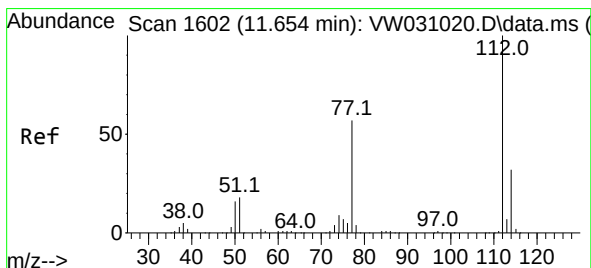
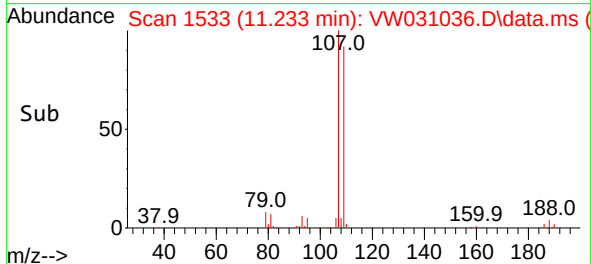
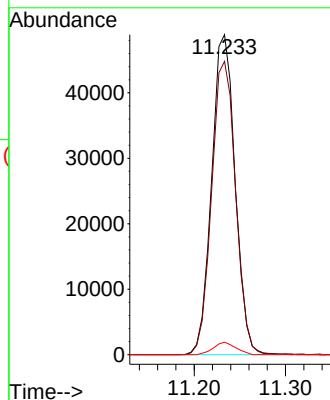
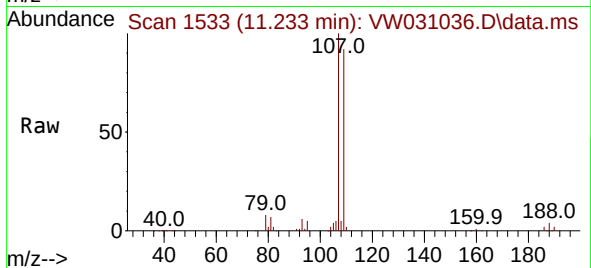
Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	87011
Ion	Ratio	Lower	Upper
107	100		
109	91.7	64.3	119.3
188	3.9	2.7	4.1



#51

Chlorobenzene

Concen: 13.217 ug/L

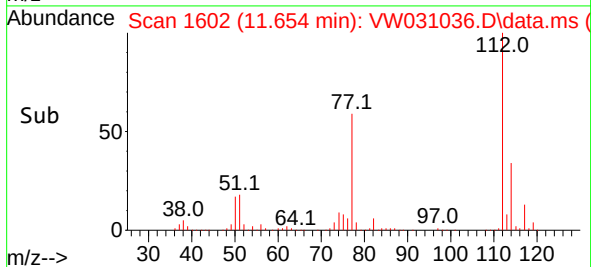
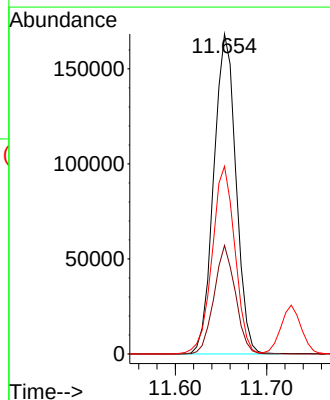
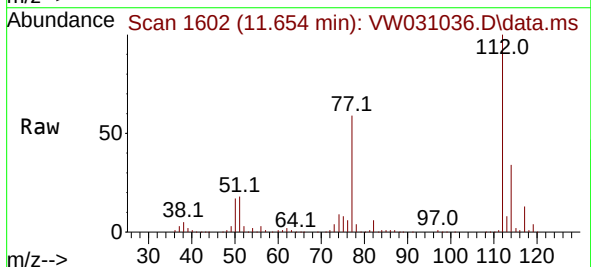
RT: 11.654 min Scan# 1602

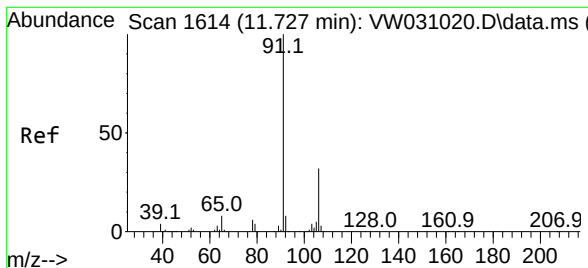
Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Tgt Ion:	112	Resp:	284210
Ion	Ratio	Lower	Upper
112	100		
114	33.9	21.9	40.7
77	58.7	45.3	67.9

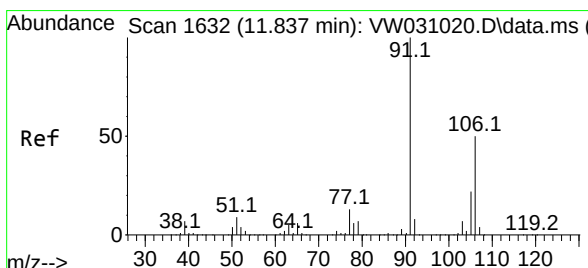
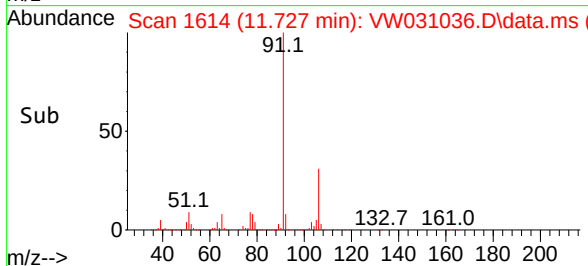
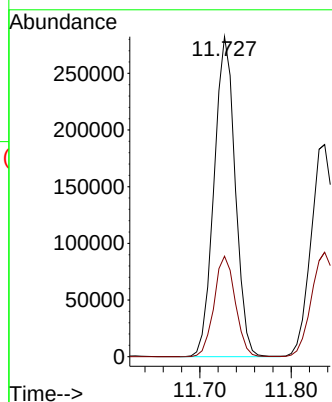
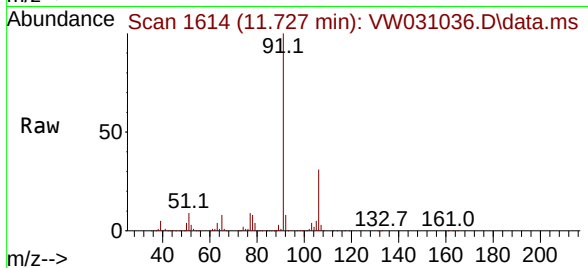




#52
Ethylbenzene
Concen: 11.938 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

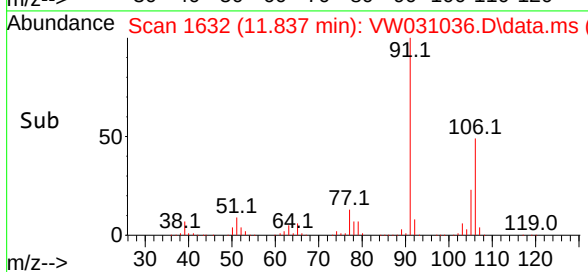
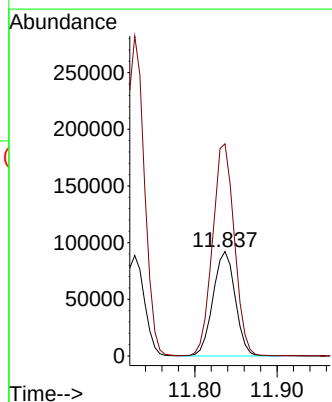
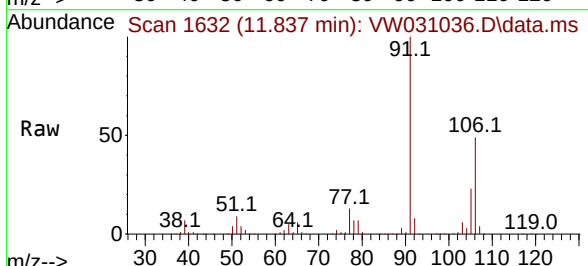
Instrument :
MSVOA_W
ClientSampleId :

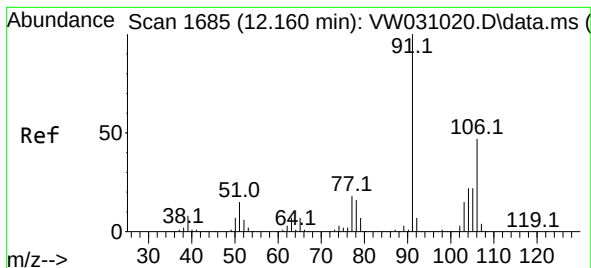
Tgt Ion: 91 Resp: 453195
Ion Ratio Lower Upper
91 100
106 31.4 21.6 40.0



#53
m,p-Xylene
Concen: 12.107 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 106 Resp: 172869
Ion Ratio Lower Upper
106 100
91 203.0 140.7 261.3





#54

o-Xylene

Concen: 13.095 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

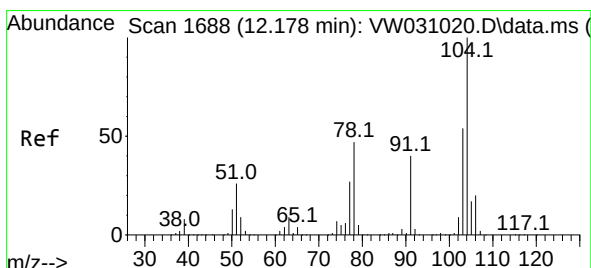
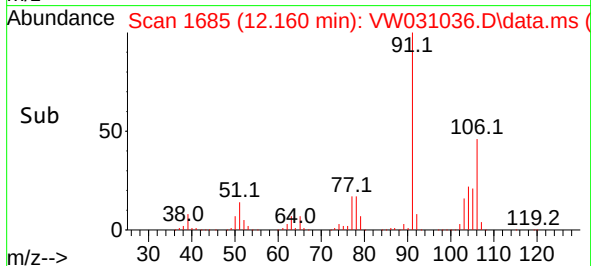
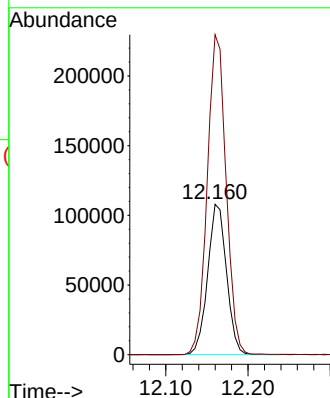
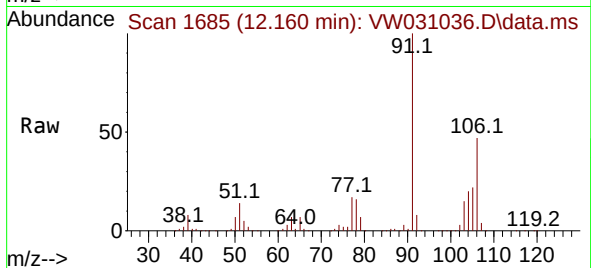
ClientSampleId :

Tgt Ion:106 Resp: 172046

Ion Ratio Lower Upper

106 100

91 212.7 149.9 278.3



#55

Styrene

Concen: 13.516 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031036.D

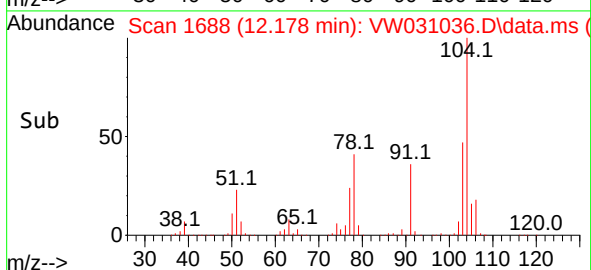
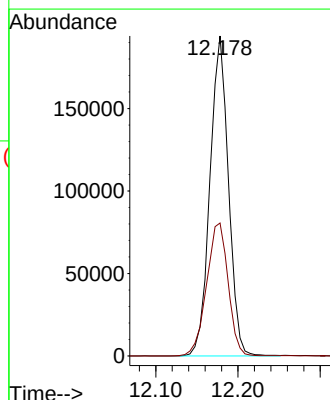
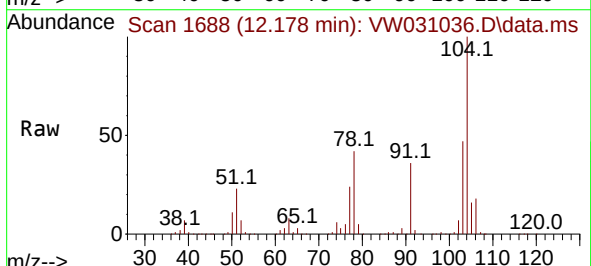
Acq: 15 Nov 2024 19:46

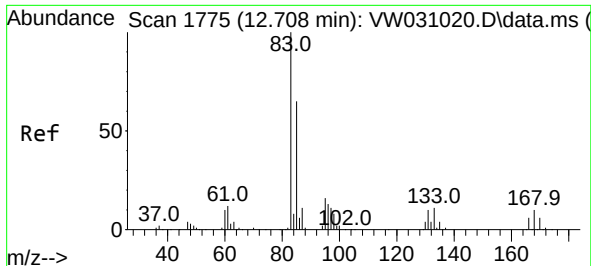
Tgt Ion:104 Resp: 303390

Ion Ratio Lower Upper

104 100

78 41.5 31.8 59.0

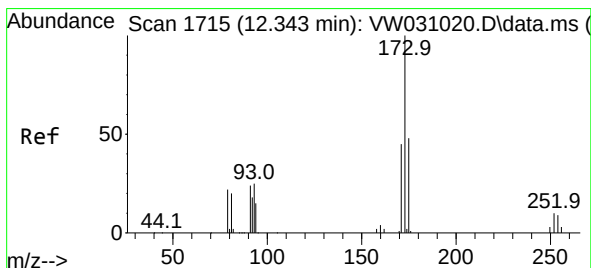
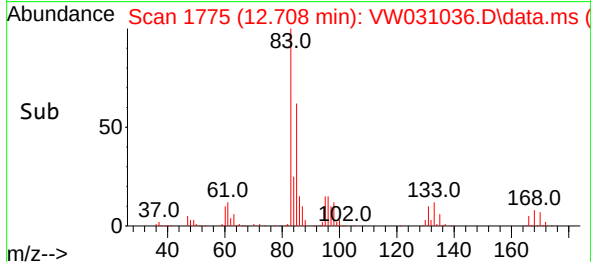
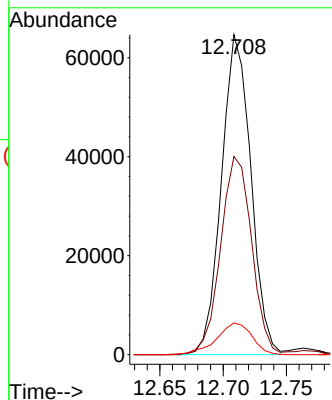
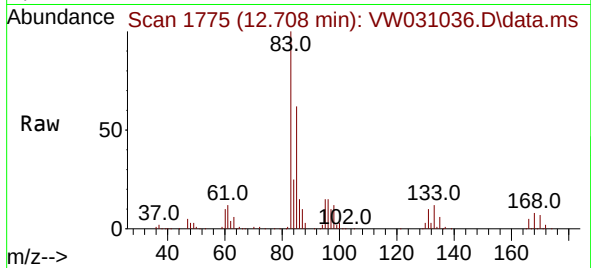




#57
1,1,2,2-Tetrachloroethane
Concen: 16.815 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

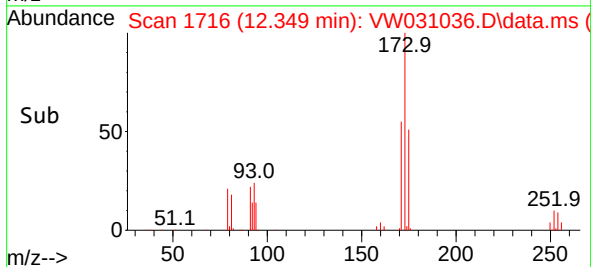
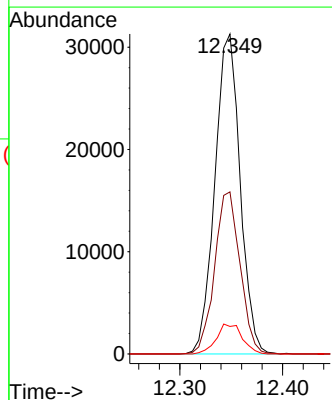
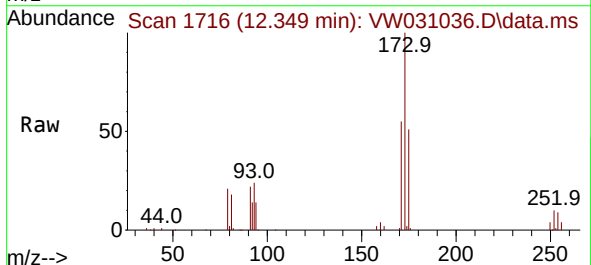
Instrument :
MSVOA_W
ClientSampleId :

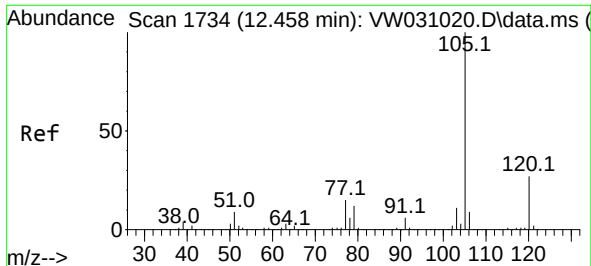
Tgt Ion: 83 Resp: 104442
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.7
131 10.0 7.7 11.5



#59
Bromoform
Concen: 17.564 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:173 Resp: 53373
Ion Ratio Lower Upper
173 100
175 50.9 39.3 58.9
254 9.6 7.8 11.6

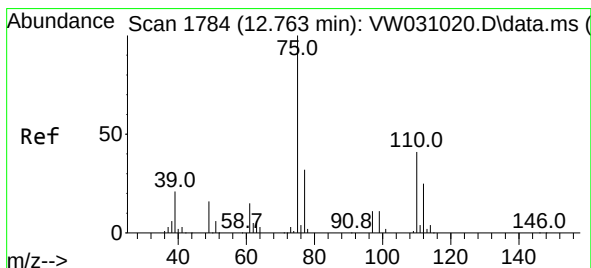
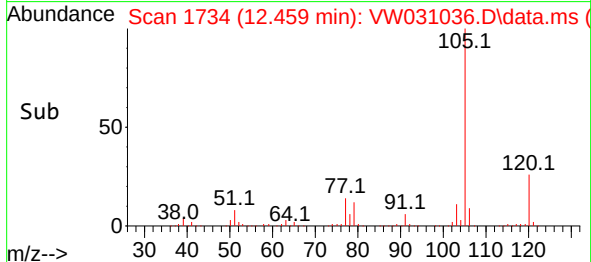
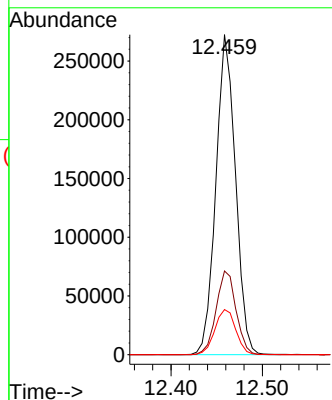
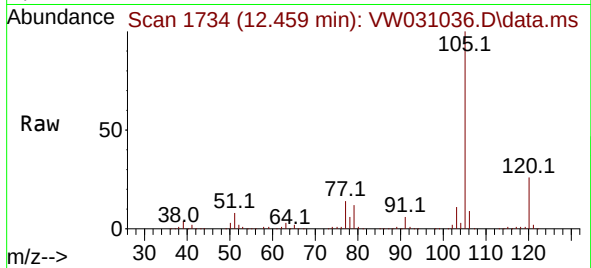




#60
Isopropylbenzene
Concen: 12.494 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

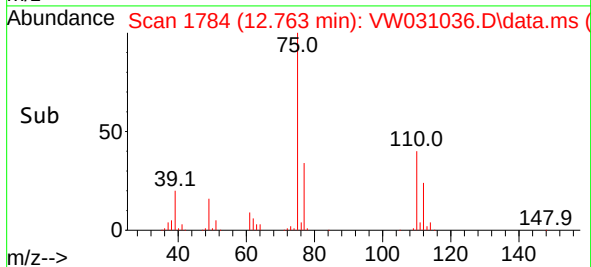
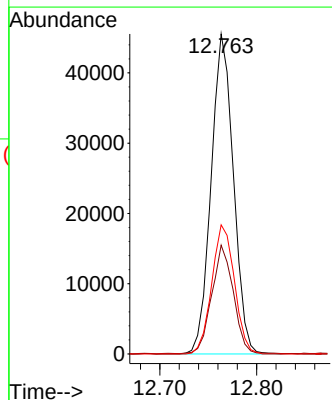
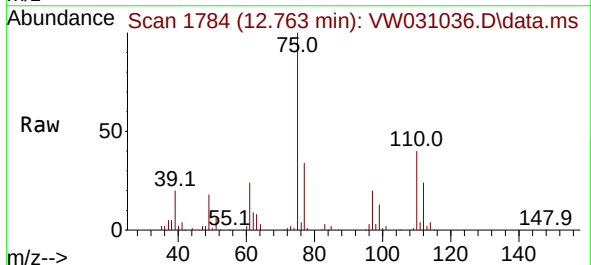
Instrument :
MSVOA_W
ClientSampleId :

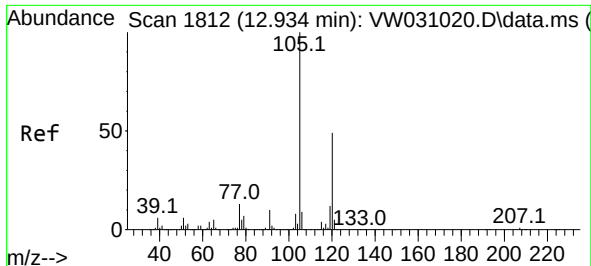
Tgt Ion:105 Resp: 405593
Ion Ratio Lower Upper
105 100
120 26.6 20.6 31.0
77 15.1 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 18.279 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion: 75 Resp: 72932
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 40.9 31.8 47.8

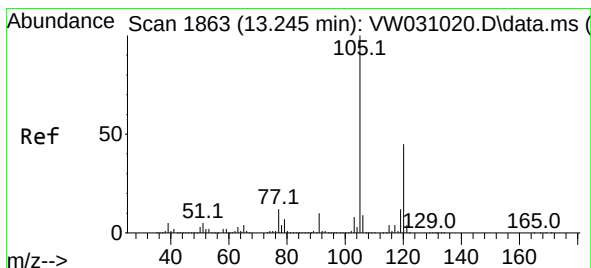
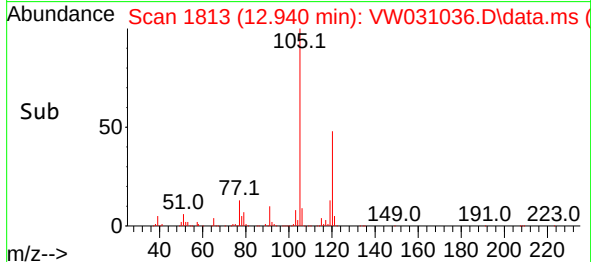
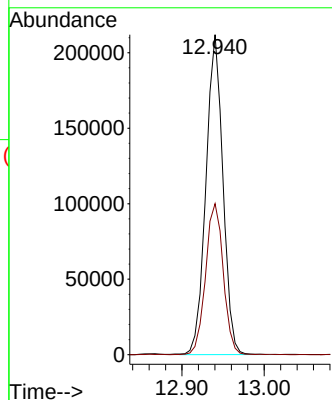
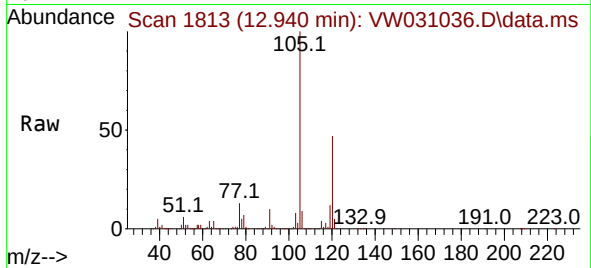




#62
1,3,5-Trimethylbenzene
Concen: 11.879 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

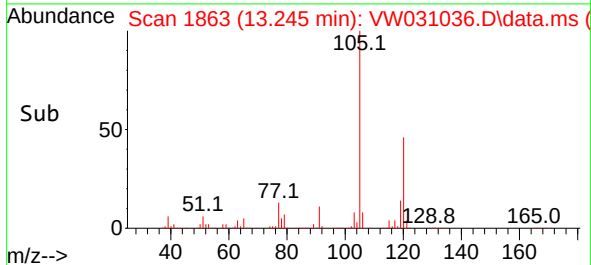
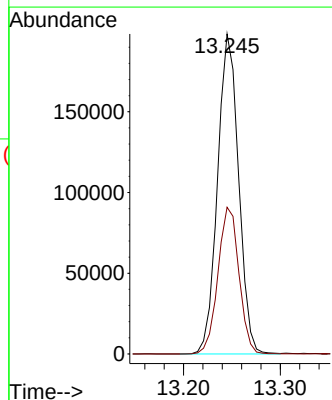
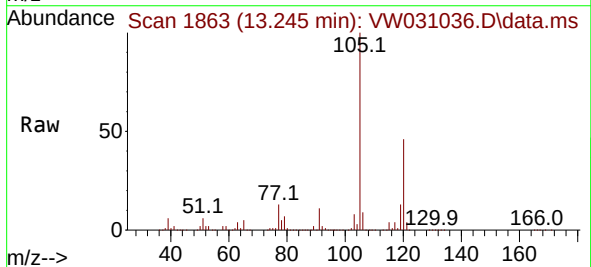
Instrument :
MSVOA_W
ClientSampleId :

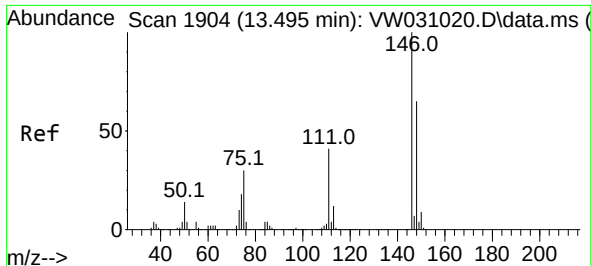
Tgt Ion:105 Resp: 303615
Ion Ratio Lower Upper
105 100
120 49.2 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 12.024 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:105 Resp: 299290
Ion Ratio Lower Upper
105 100
120 45.8 35.9 53.9

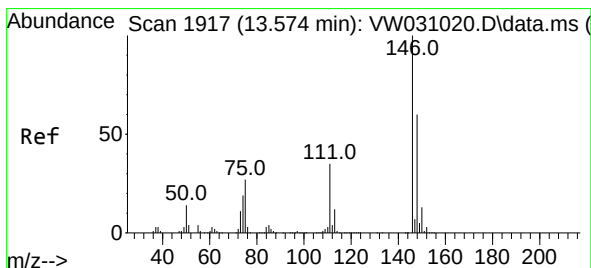
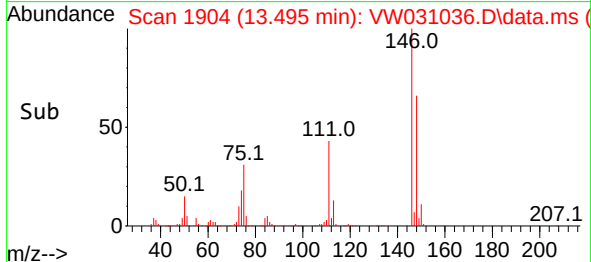
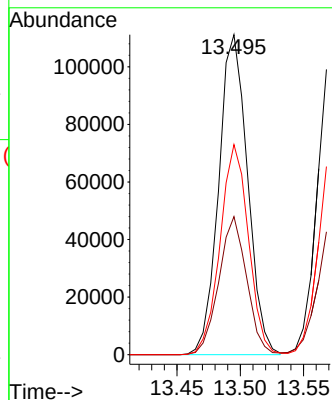
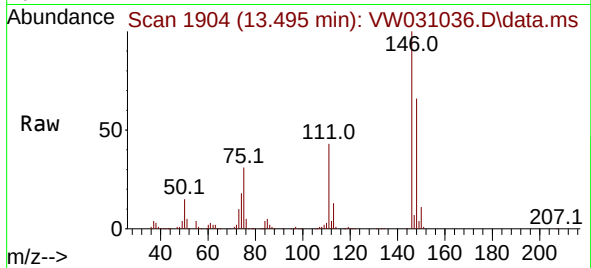




#64
1,3-Dichlorobenzene
Concen: 12.355 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

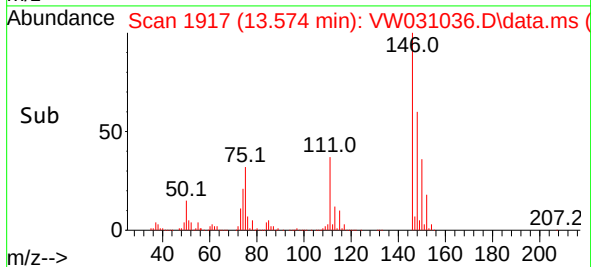
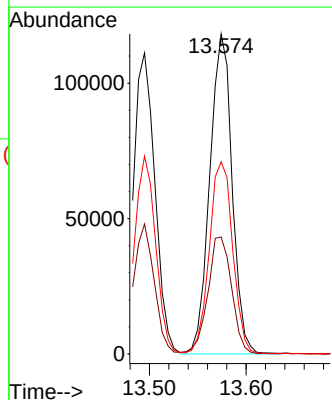
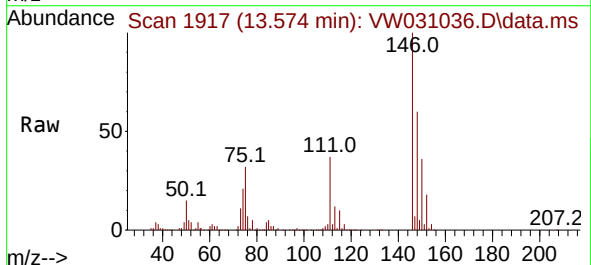
Instrument :
MSVOA_W
ClientSampleId :

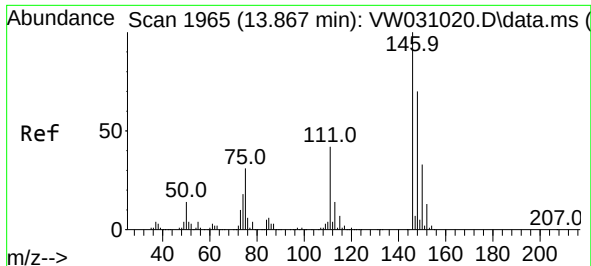
Tgt Ion:146 Resp: 176105
Ion Ratio Lower Upper
146 100
111 43.2 26.8 49.8
148 65.7 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 12.968 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031036.D
Acq: 15 Nov 2024 19:46

Tgt Ion:146 Resp: 189771
Ion Ratio Lower Upper
146 100
111 36.6 27.6 51.4
148 60.0 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 14.126 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

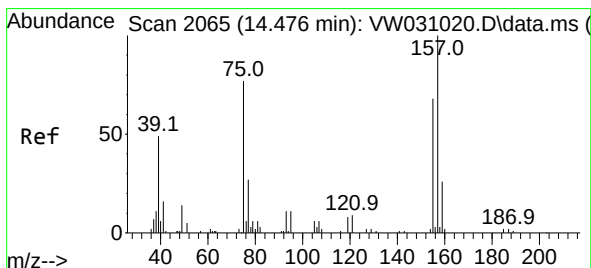
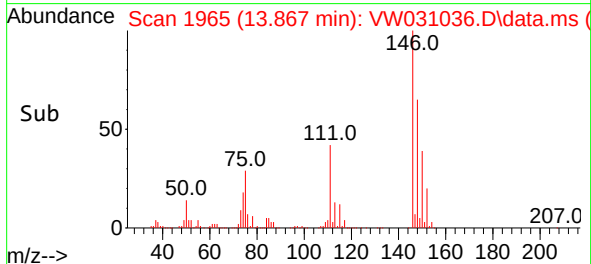
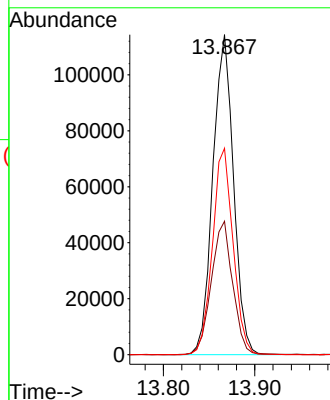
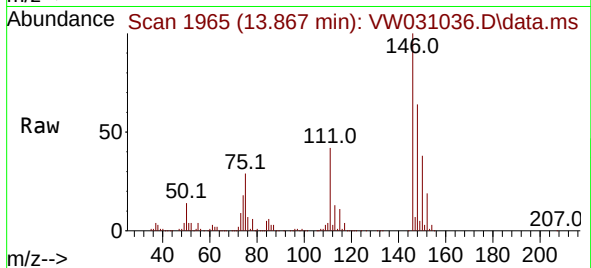
Tgt Ion:146 Resp: 179447

Ion Ratio Lower Upper

146 100

111 41.7 34.3 51.5

148 64.5 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 17.886 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

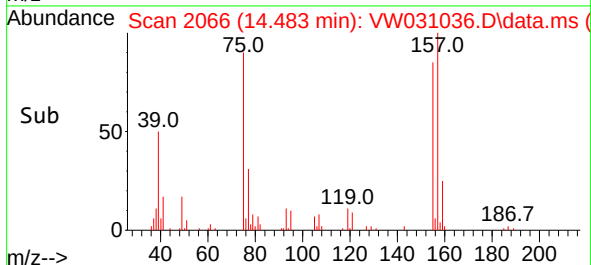
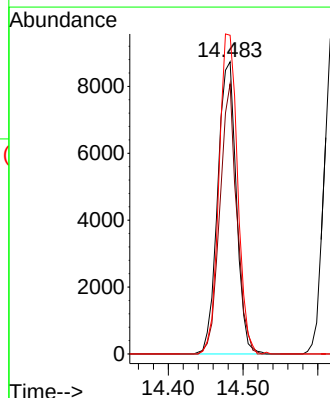
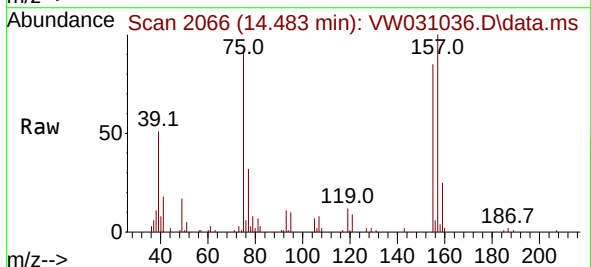
Tgt Ion: 75 Resp: 15108

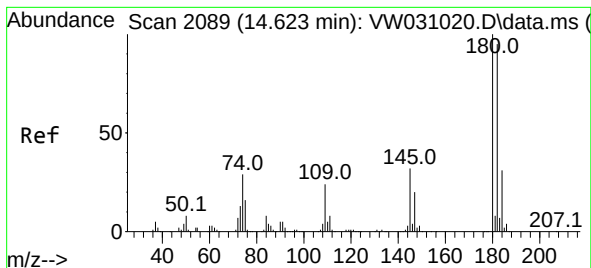
Ion Ratio Lower Upper

75 100

155 92.5 56.2 84.2#

157 109.1 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 10.408 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

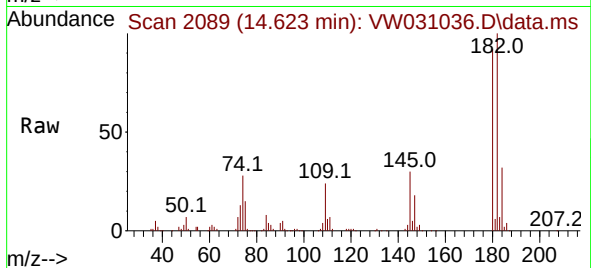
Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 98450

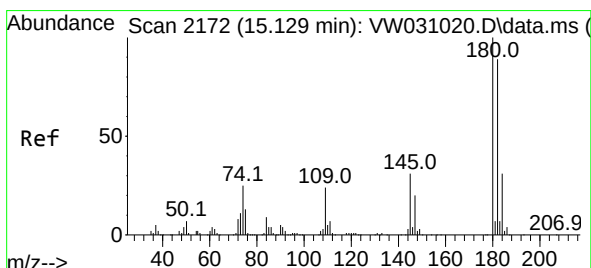
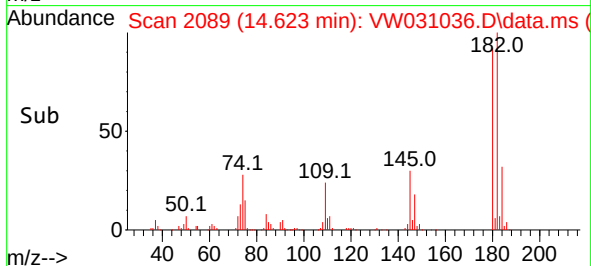
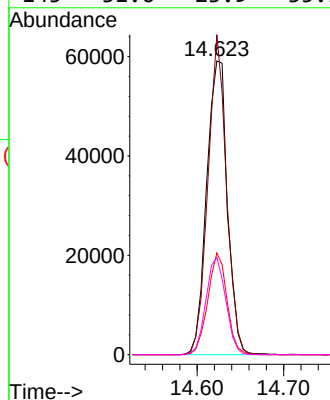
Ion Ratio Lower Upper

180 100

182 97.0 76.6 114.8

184 31.9 23.9 35.9

145 31.6 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 11.040 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

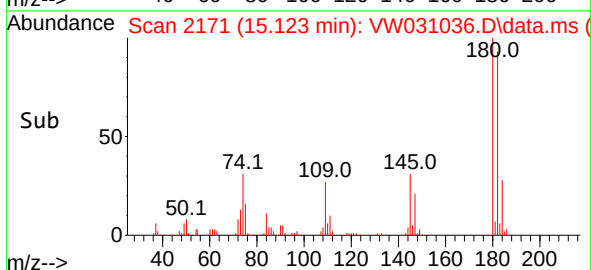
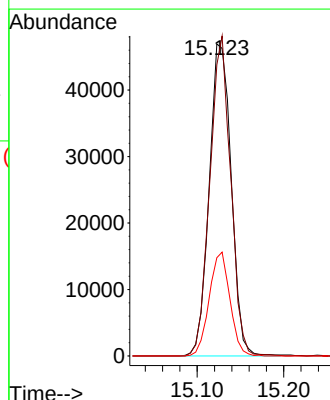
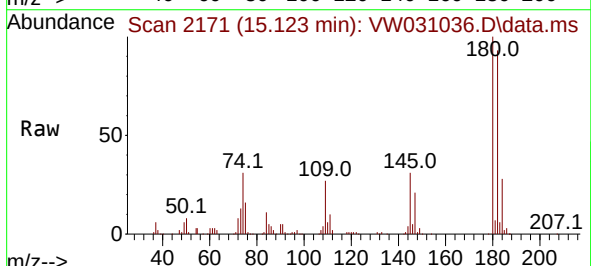
Tgt Ion:180 Resp: 82919

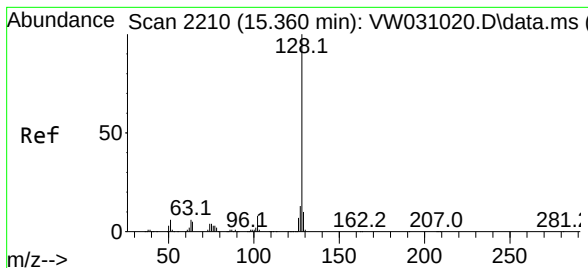
Ion Ratio Lower Upper

180 100

182 96.8 74.5 111.7

145 31.3 24.2 36.2





#71

Naphthalene

Concen: 16.454 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Instrument :

MSVOA_W

ClientSampleId :

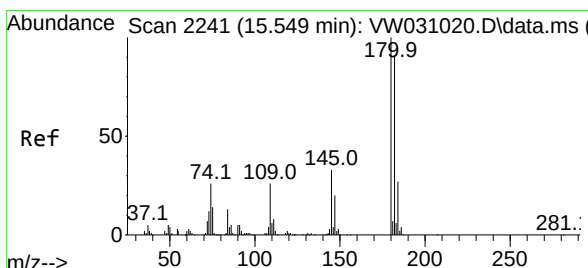
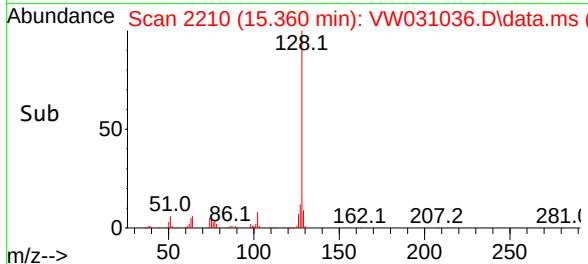
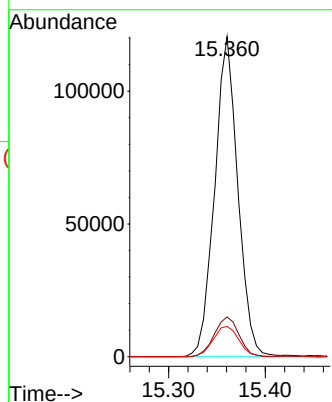
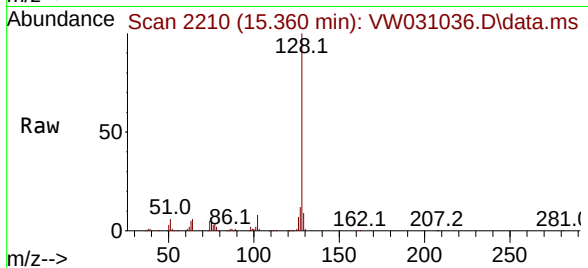
Tgt Ion:128 Resp: 200334

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 12.793 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031036.D

Acq: 15 Nov 2024 19:46

Tgt Ion:180 Resp: 82805

Ion Ratio Lower Upper

180 100

182 96.7 79.2 118.8

145 32.8 27.0 40.6

