

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110123\
 Data File : VW027502.D
 Acq On : 01 Nov 2023 15:06
 Operator : SY/MD
 Sample : 05205-05MS
 Misc : 4.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCDG8MS

Quant Time: Nov 02 03:36:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 03:33:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	573158	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	546231	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	295264	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	108031	12.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.400%
7) Chloroethane-d5	2.899	69	98260	15.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.560%
11) 1,1-Dichloroethene-d2	4.021	65	59195	13.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.040%
21) 2-Butanone-d5	7.081	46	153928	52.944	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.880%
24) Chloroform-d	7.654	84	313961	18.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.520%
26) 1,2-Dichloroethane-d4	8.307	65	180665	19.688	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.760%
32) Benzene-d6	8.276	84	574680	15.550	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.200%
36) 1,2-Dichloropropane-d6	9.276	67	206151	18.263	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.040%
41) Toluene-d8	10.325	98	505771	15.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.360%
43) trans-1,3-Dichloroprop...	10.575	79	81940	15.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.680%
47) 2-Hexanone-d5	10.922	63	120914	51.774	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215916	25.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	194334	18.162	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.640%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	77089	11.304	ug/L	94
3) Chloromethane	2.222	50	98955	12.626	ug/L	97
5) Vinyl chloride	2.375	62	115065	13.144	ug/L	97
6) Bromomethane	2.789	94	63579	12.751	ug/L	98
8) Chloroethane	2.930	64	68645	13.622	ug/L	98
9) Trichlorofluoromethane	3.265	101	81618	13.215	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	99337	12.845	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	98522	13.109	ug/L	94
13) Acetone	4.131	43	59241	23.591	ug/L	99
14) Carbon disulfide	4.393	76	237590	10.197	ug/L	98
15) Methyl Acetate	4.679	43	70634	16.469	ug/L	99
16) Methylene chloride	4.923	84	130506	12.439	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	104376	12.922	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	226001	16.217	ug/L	99
19) 1,1-Dichloroethane	6.222	63	240361	14.585	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	129453	14.192	ug/L	98
22) 2-Butanone	7.173	43	97640	25.977	ug/L	99
23) Bromochloromethane	7.514	128	57566	15.286	ug/L	89
25) Chloroform	7.679	83	231364	15.000	ug/L	98

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 Response via : Initial Calibration

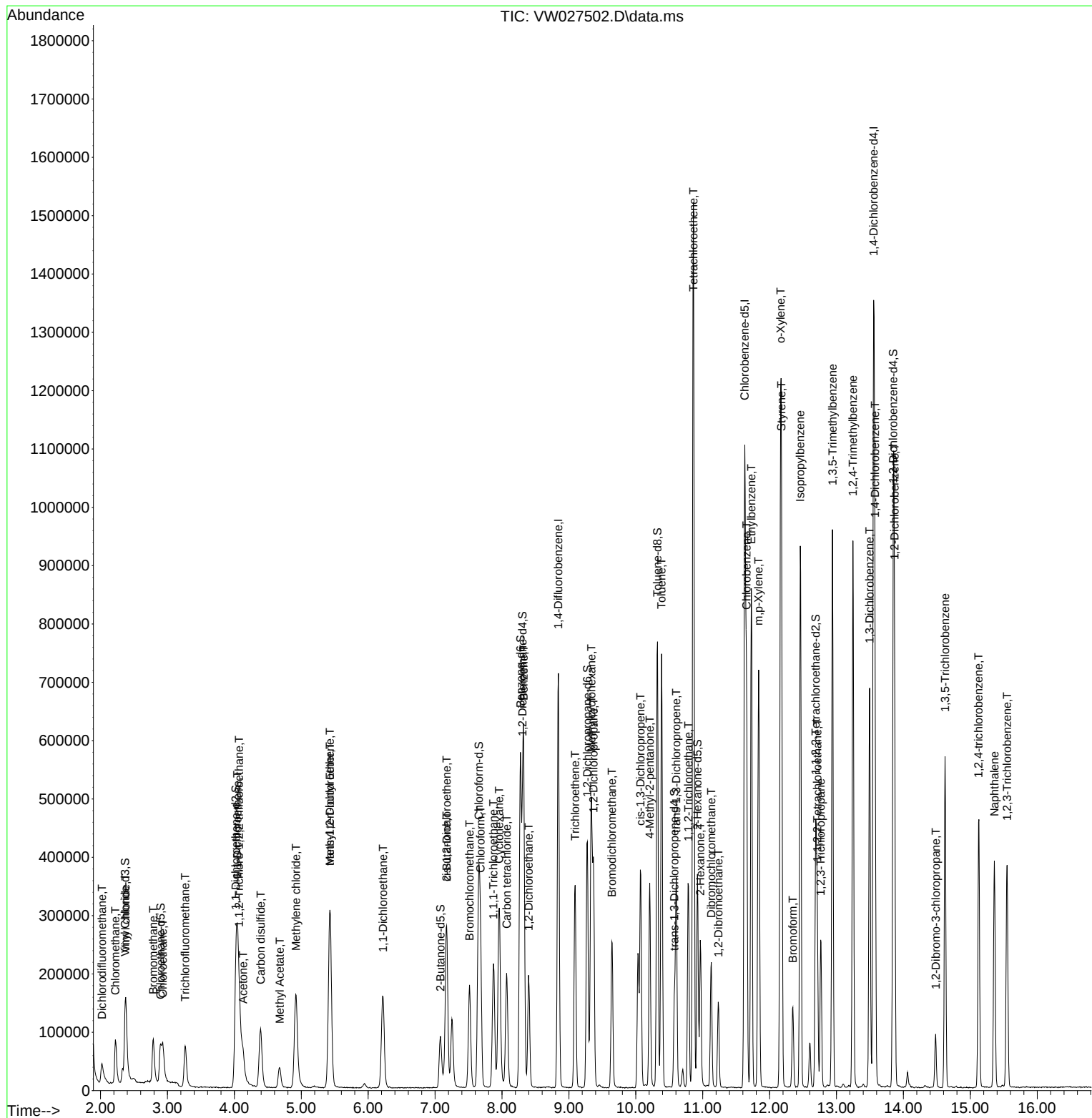
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	169877	16.214	ug/L	96
29) Cyclohexane	7.959	56	191429	11.542	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	176024	13.211	ug/L	98
31) Carbon tetrachloride	8.069	117	147729	12.296	ug/L	99
33) Benzene	8.325	78	485784	13.608	ug/L	100
34) Trichloroethene	9.093	95	124182	13.169	ug/L	97
35) Methylcyclohexane	9.337	83	195743	11.608	ug/L	99
37) 1,2-Dichloropropane	9.367	63	146055	15.132	ug/L	99
38) Bromodichloromethane	9.642	83	171302	14.433	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	223137	13.995	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	242436	36.522	ug/L	98
42) Toluene	10.386	91	520130	13.889	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	189819	14.109	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	109743	16.522	ug/L	95
46) Tetrachloroethene	10.861	164	319744	49.107	ug/L	95
48) 2-Hexanone	10.965	43	165923	33.772	ug/L	99
49) Dibromochloromethane	11.129	129	107483	14.571	ug/L	99
50) 1,2-Dibromoethane	11.233	107	99865	15.507	ug/L	100
51) Chlorobenzene	11.654	112	332576	14.182	ug/L	99
52) Ethylbenzene	11.727	91	597283	13.725	ug/L	96
53) m,p-Xylene	11.836	106	219915	13.324	ug/L	99
54) o-Xylene	12.166	106	216176	13.677	ug/L	97
55) Styrene	12.178	104	366398	13.573	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	149660	18.457	ug/L	99
59) Bromoform	12.349	173	62793	14.292	ug/L	98
60) Isopropylbenzene	12.458	105	590869	12.739	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	108092	16.766	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	488421	12.624	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	488011	12.891	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	257449	13.687	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	259301	13.804	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	236552	14.173	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	23573	14.630	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	157141	12.869	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	132052	12.706	ug/L	98
71) Naphthalene	15.360	128	320057	14.975	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	121048	14.164	ug/L	93

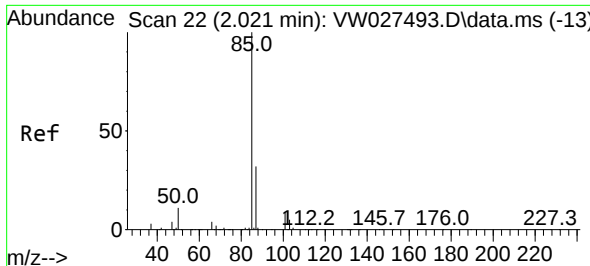
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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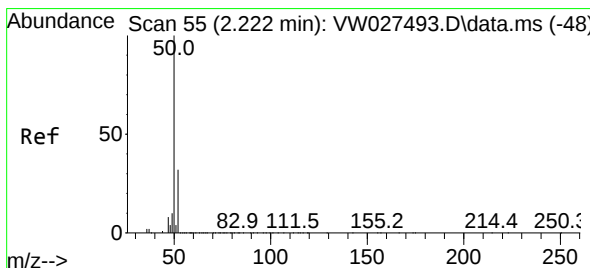
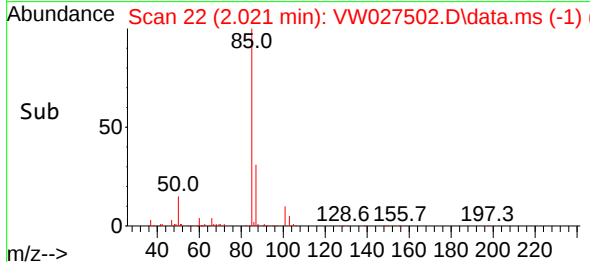
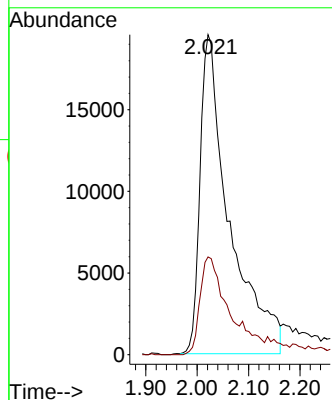
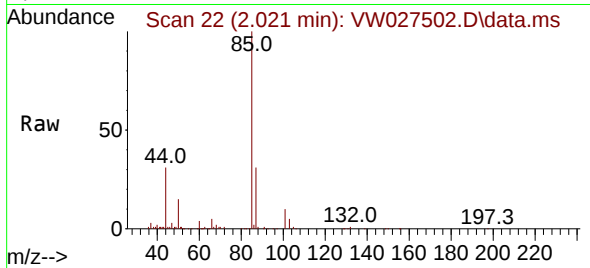




#2
 Dichlorodifluoromethane
 Concen: 11.304 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027502.D
 Acq: 01 Nov 2023 15:06

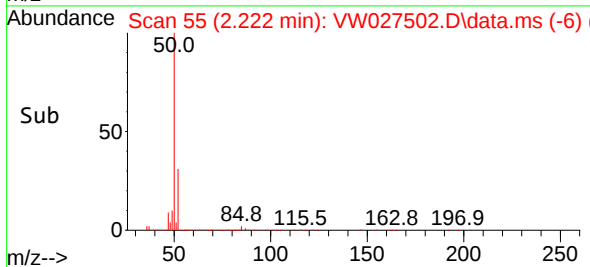
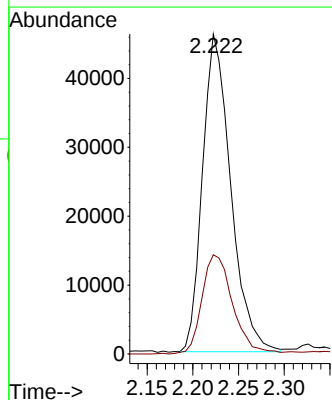
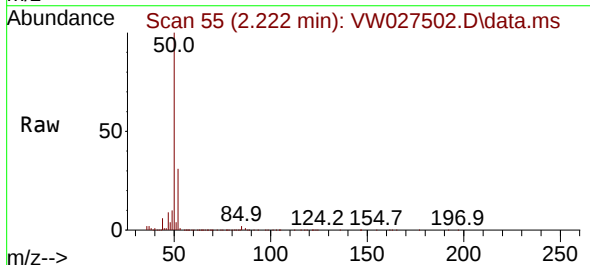
Instrument :
 MSVOA_W
 ClientSampleId :
 GCDG8MS

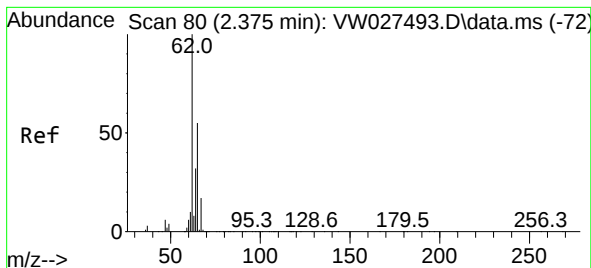
Tgt Ion: 85 Resp: 77089
 Ion Ratio Lower Upper
 85 100
 87 25.9 18.3 27.5



#3
 Chloromethane
 Concen: 12.626 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027502.D
 Acq: 01 Nov 2023 15:06

Tgt Ion: 50 Resp: 98955
 Ion Ratio Lower Upper
 50 100
 52 31.0 22.7 42.3





#5

Vinyl chloride

Concen: 13.144 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

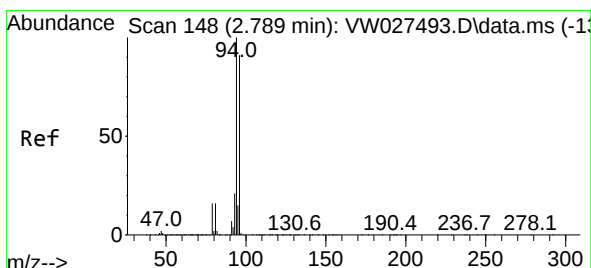
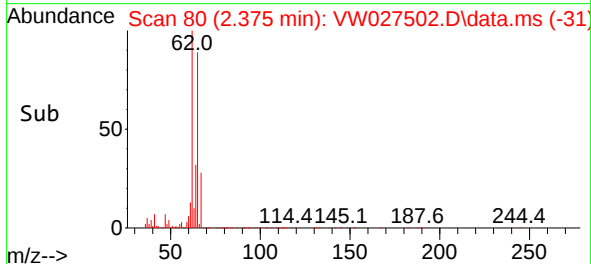
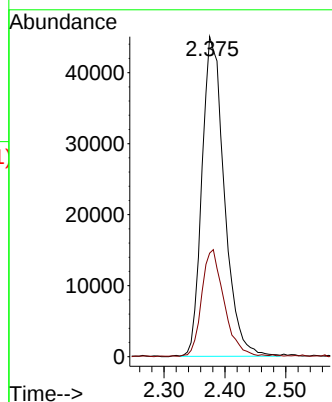
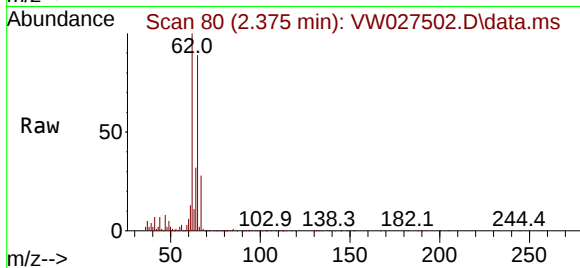
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Tgt Ion: 62 Resp: 115065

Ion Ratio Lower Upper

62 100

64 32.4 23.8 44.2



#6

Bromomethane

Concen: 12.751 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW027502.D

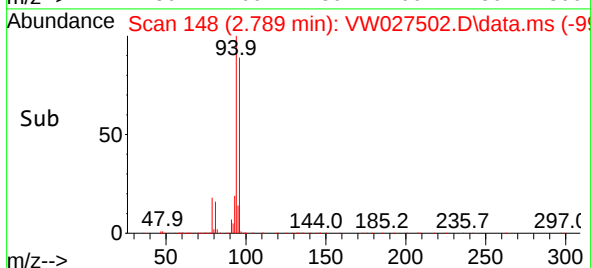
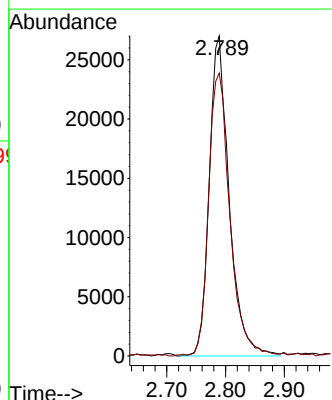
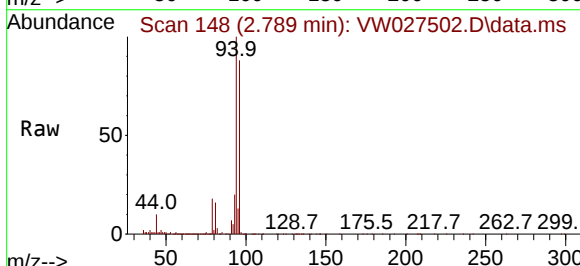
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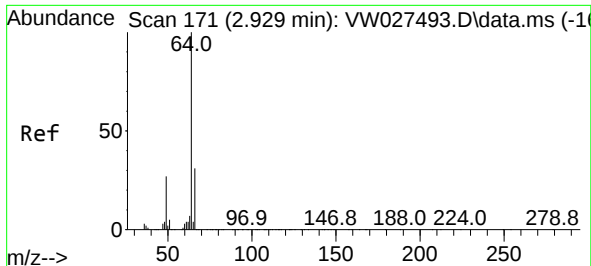
Tgt Ion: 94 Resp: 63579

Ion Ratio Lower Upper

94 100

96 88.4 62.9 116.9

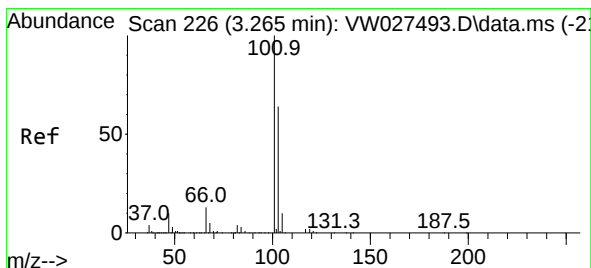
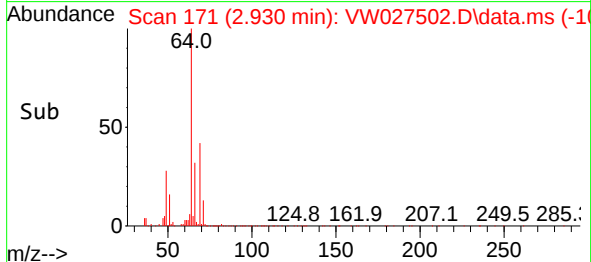
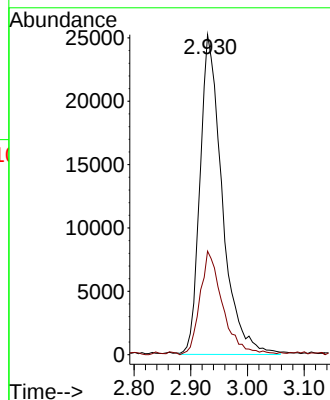
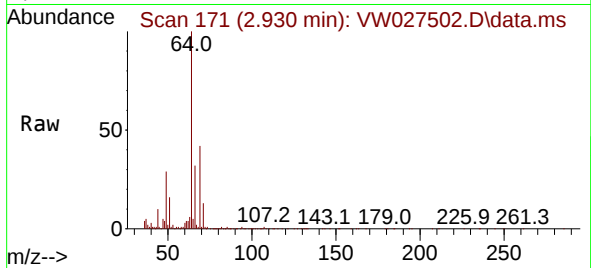




#8
Chloroethane
Concen: 13.622 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

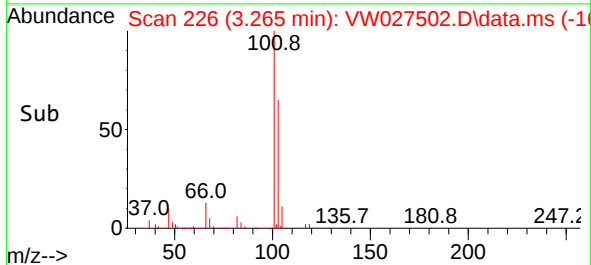
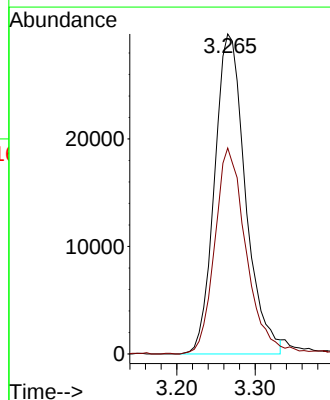
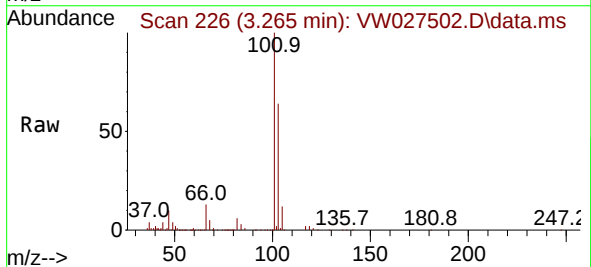
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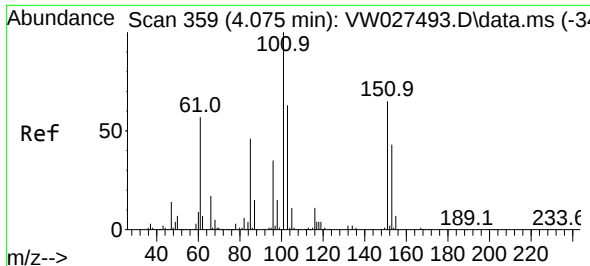
Tgt Ion: 64 Resp: 68645
Ion Ratio Lower Upper
64 100
66 32.3 21.7 40.3



#9
Trichlorofluoromethane
Concen: 13.215 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion: 101 Resp: 81618
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

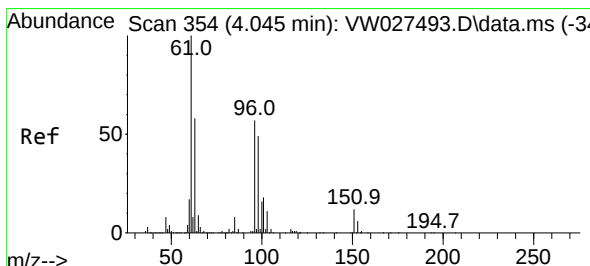
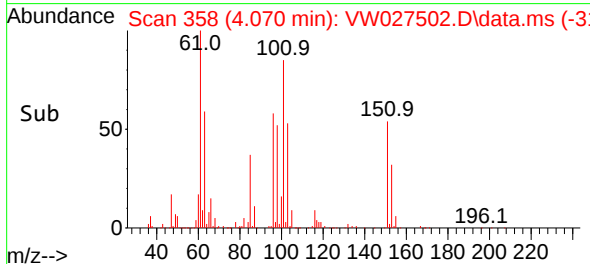
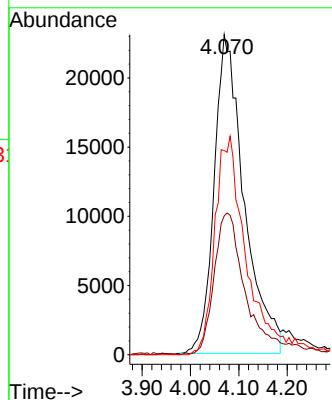
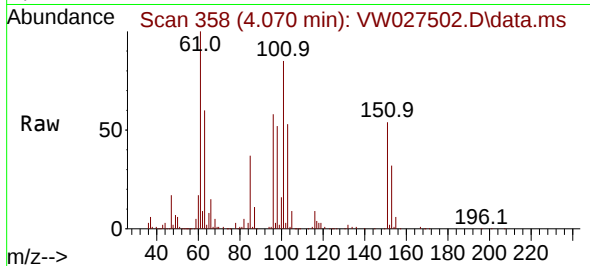




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 12.845 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

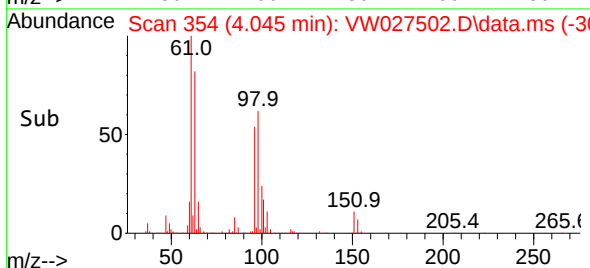
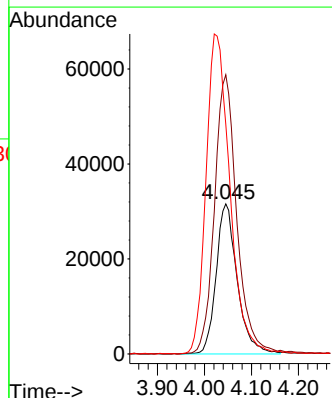
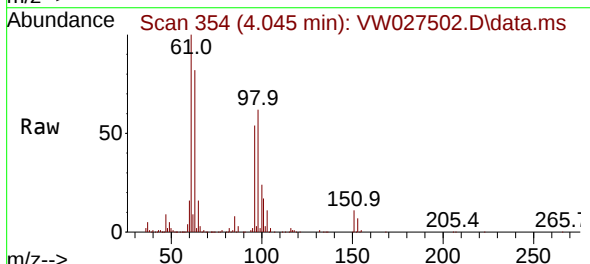
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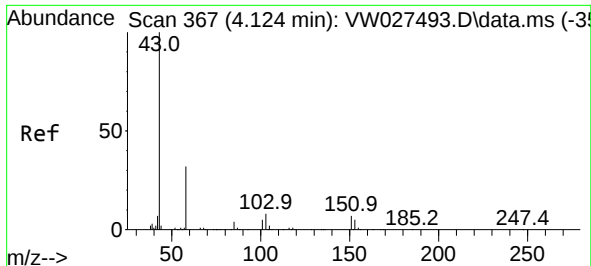
Tgt Ion:101 Resp: 99337
Ion Ratio Lower Upper
101 100
85 45.2 34.1 51.1
151 29.9 49.5 74.3#



#12
1,1-Dichloroethene
Concen: 13.109 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion: 96 Resp: 98522
Ion Ratio Lower Upper
96 100
61 186.1 133.3 247.5
63 153.0 115.8 215.2

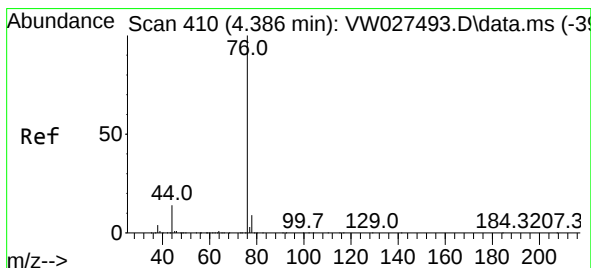
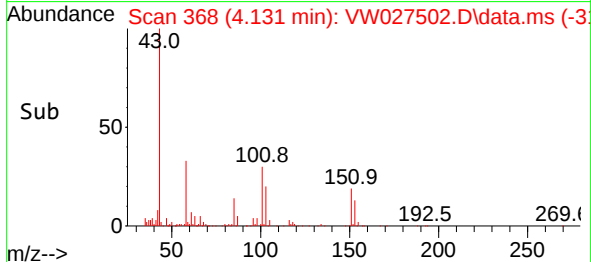
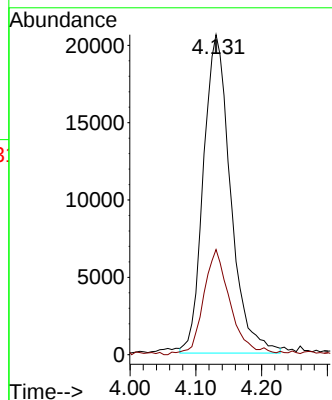
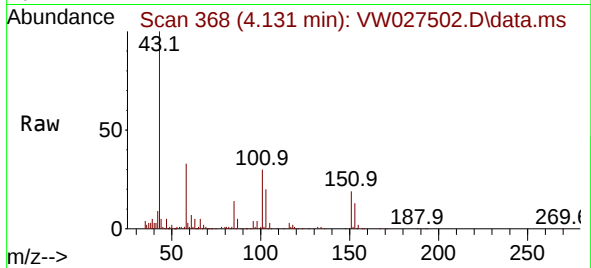




#13
Acetone
Concen: 23.591 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW027502.D
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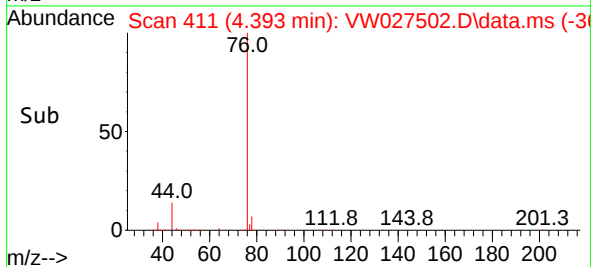
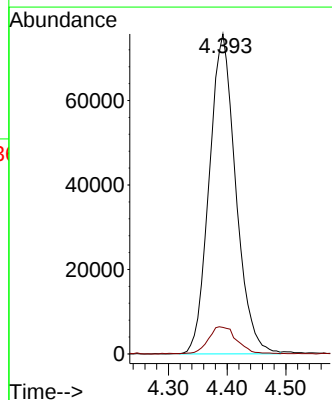
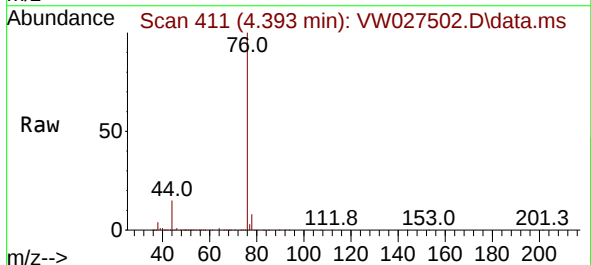
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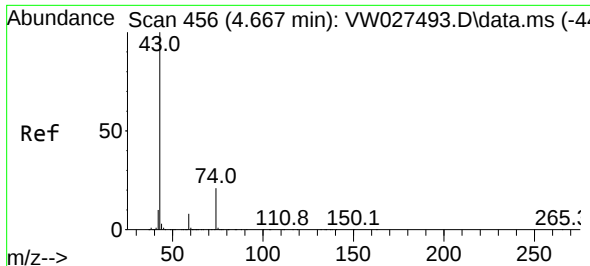
Tgt Ion: 43 Resp: 59241
Ion Ratio Lower Upper
43 100
58 30.9 0.0 60.8



#14
Carbon disulfide
Concen: 10.197 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 237590
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

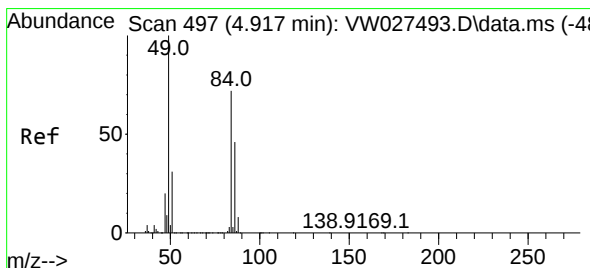
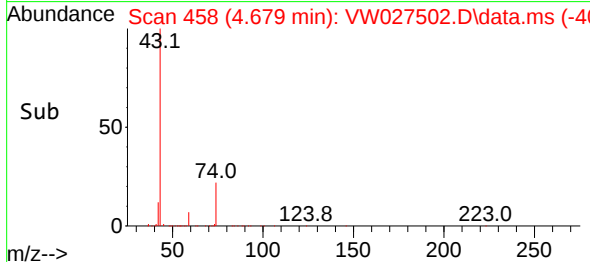
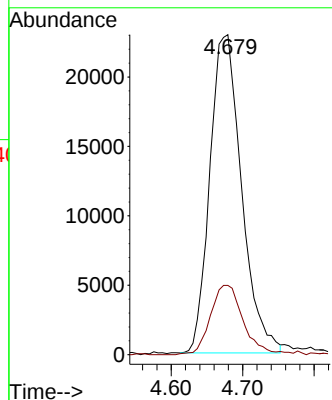
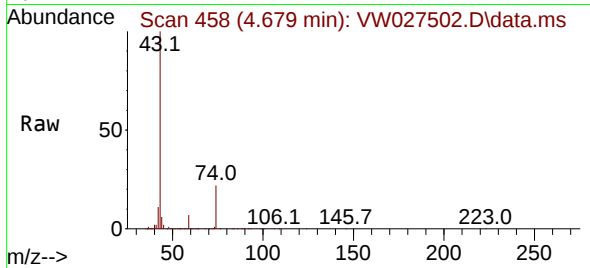




#15
Methyl Acetate
Concen: 16.469 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.012 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

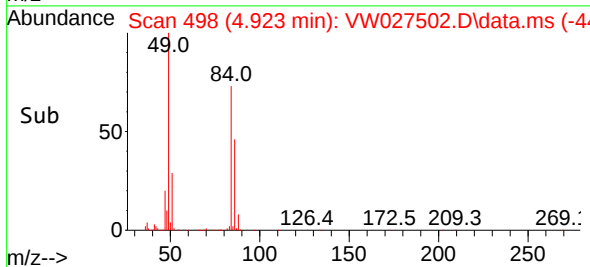
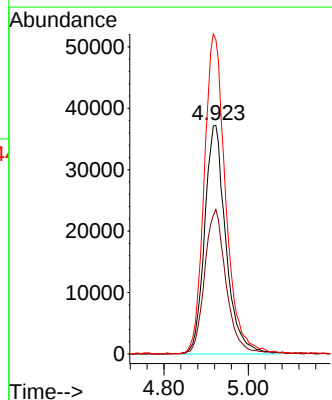
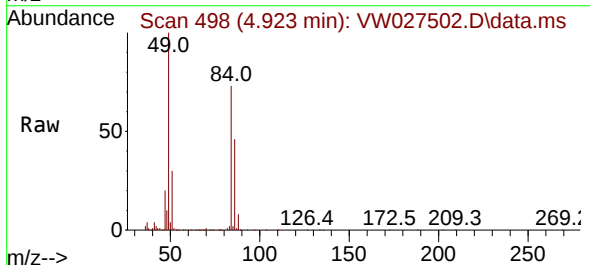
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

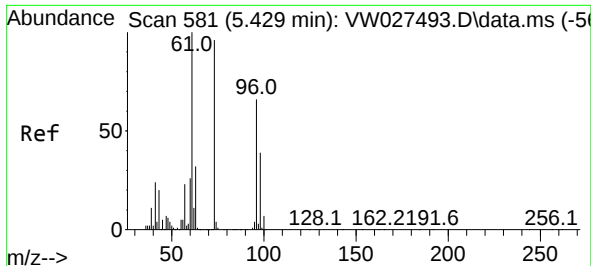
Tgt Ion: 43 Resp: 70634
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3



#16
Methylene chloride
Concen: 12.439 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion: 84 Resp: 130506
Ion Ratio Lower Upper
84 100
86 63.2 41.3 76.7
49 137.5 92.8 172.4

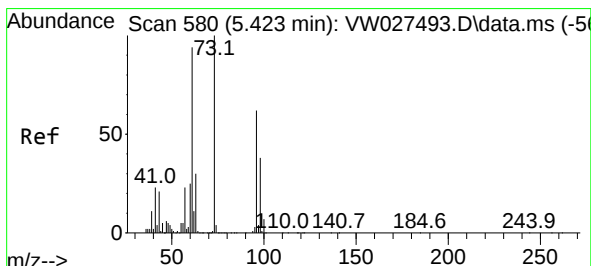
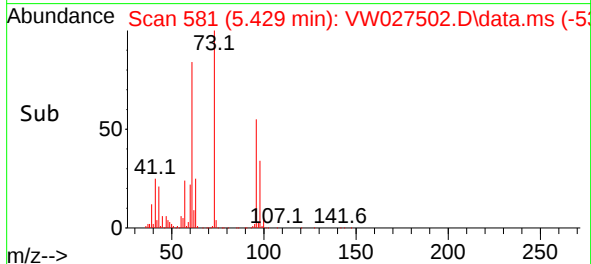
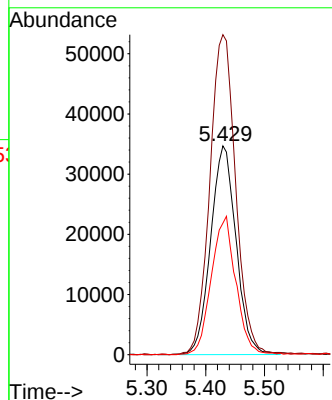
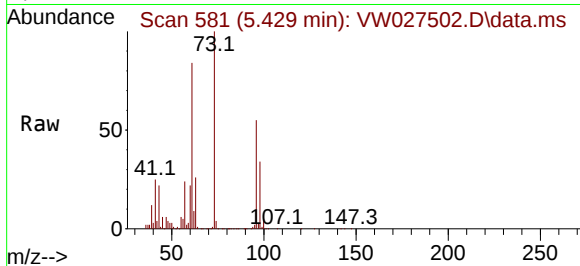




#17
trans-1,2-Dichloroethene
Concen: 12.922 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

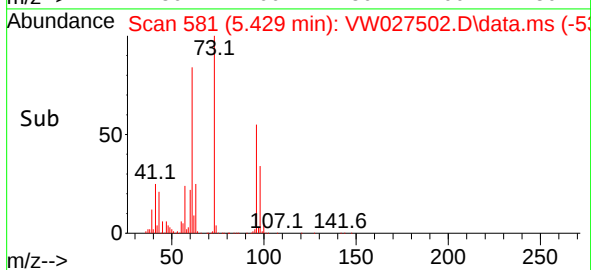
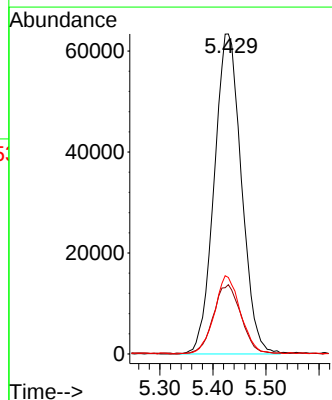
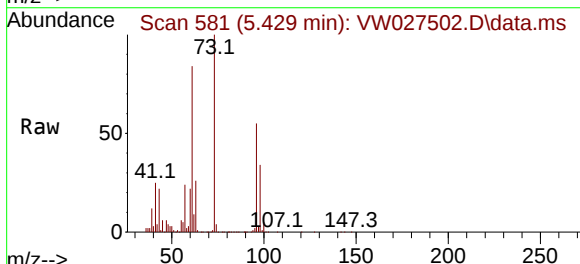
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

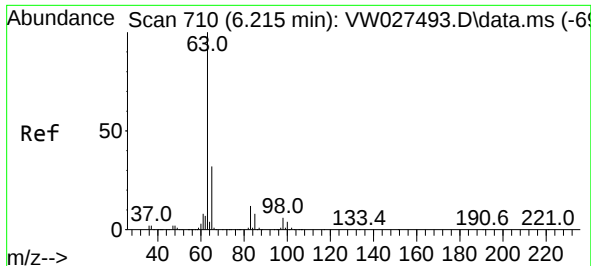
Tgt Ion: 96 Resp: 104376
Ion Ratio Lower Upper
96 100
61 153.2 105.6 196.0
98 63.0 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 16.217 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion: 73 Resp: 226001
Ion Ratio Lower Upper
73 100
43 21.7 17.7 26.5
57 23.5 18.5 27.7





#19

1,1-Dichloroethane

Concen: 14.585 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

GCDG8MS

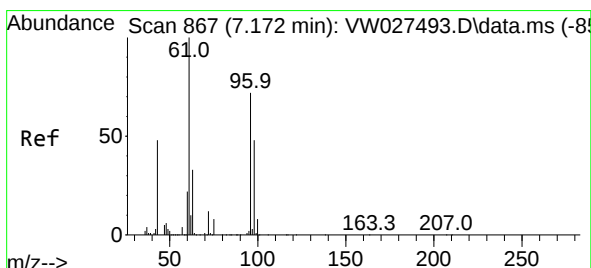
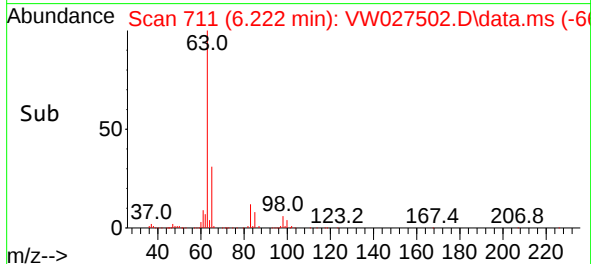
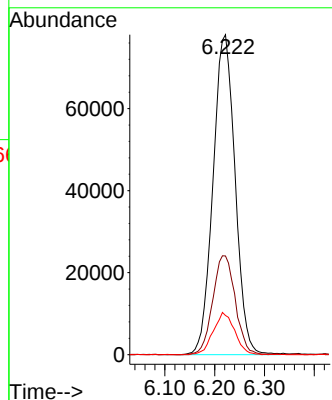
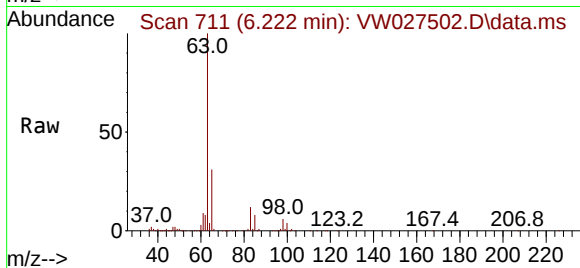
Tgt Ion: 63 Resp: 240361

Ion Ratio Lower Upper

63 100

65 30.8 22.9 42.5

83 12.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 14.192 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

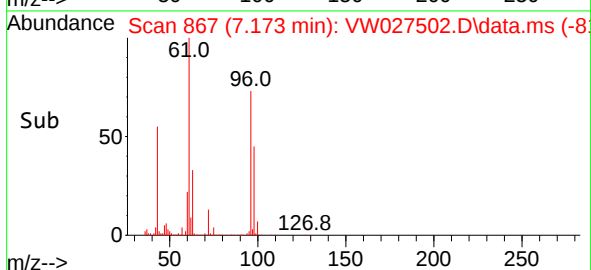
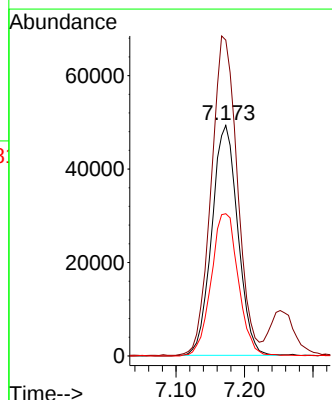
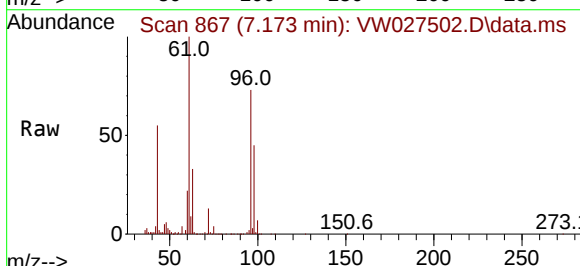
Tgt Ion: 96 Resp: 129453

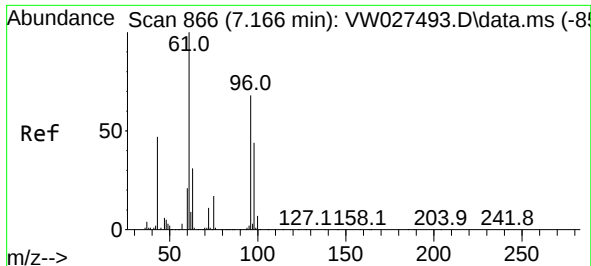
Ion Ratio Lower Upper

96 100

61 137.0 96.2 178.8

98 61.7 46.0 85.4

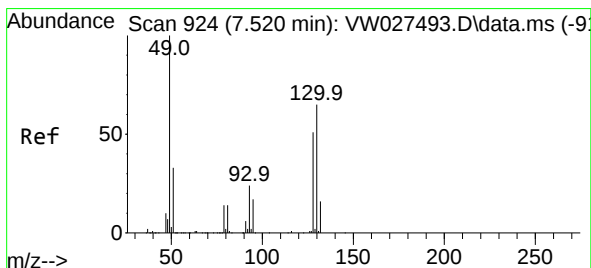
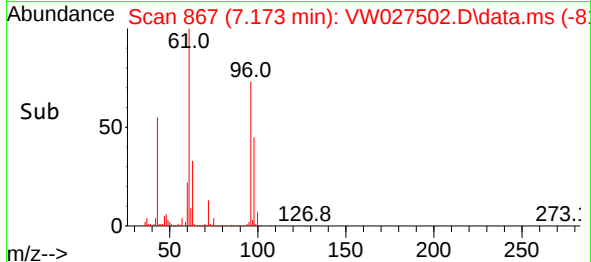
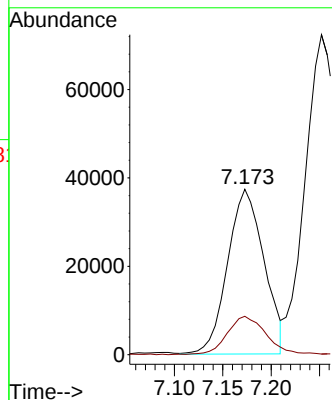
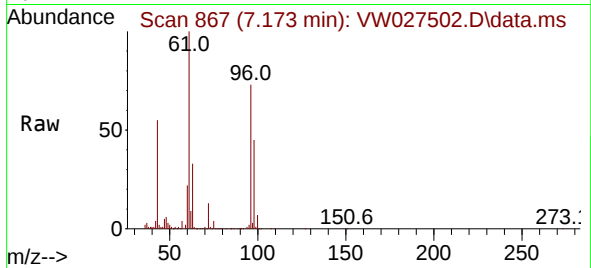




#22
2-Butanone
Concen: 25.977 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

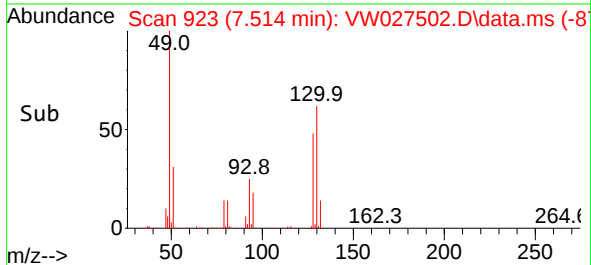
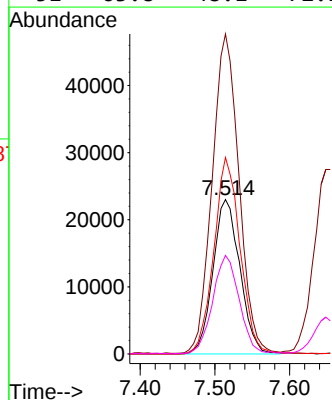
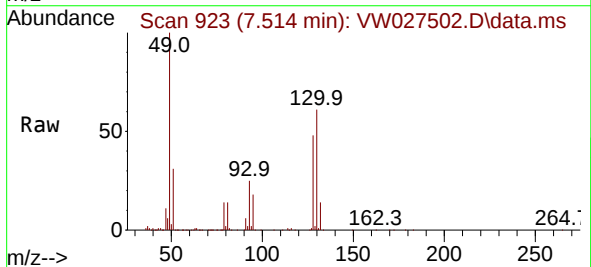
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

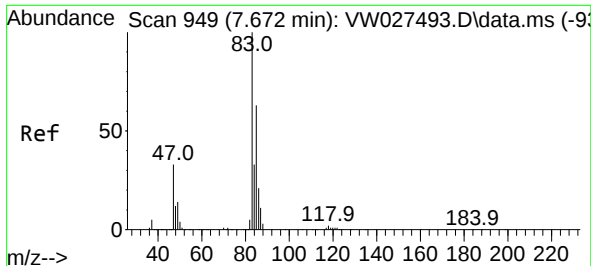
Tgt Ion: 43 Resp: 97640
Ion Ratio Lower Upper
43 100
72 24.8 12.3 36.8



#23
Bromochloromethane
Concen: 15.286 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion: 128 Resp: 57566
Ion Ratio Lower Upper
128 100
49 207.3 128.9 239.5
130 127.3 85.0 157.8
51 63.8 48.1 72.1

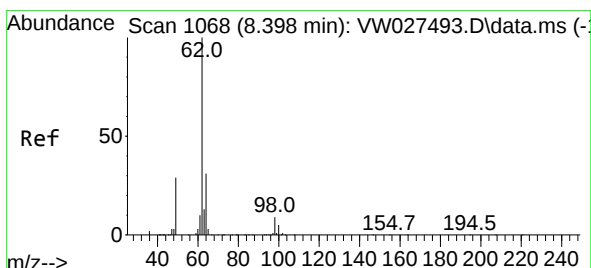
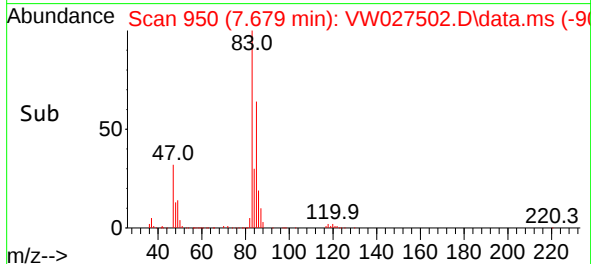
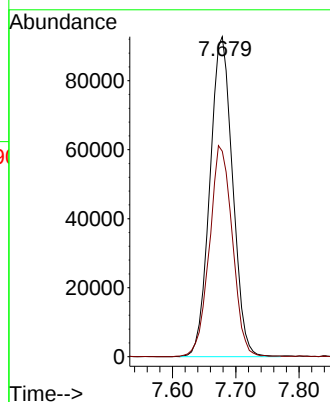
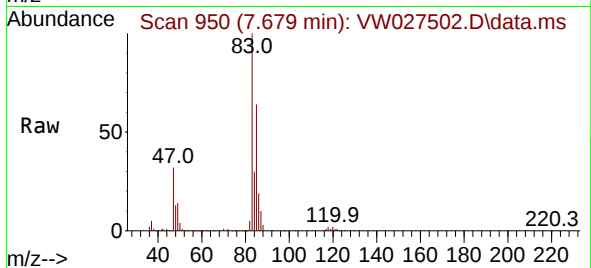




#25
Chloroform
Concen: 15.000 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

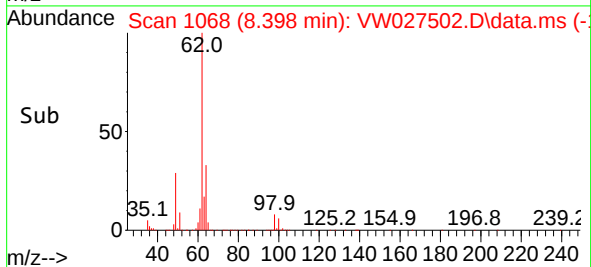
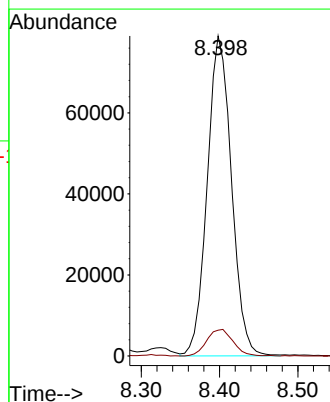
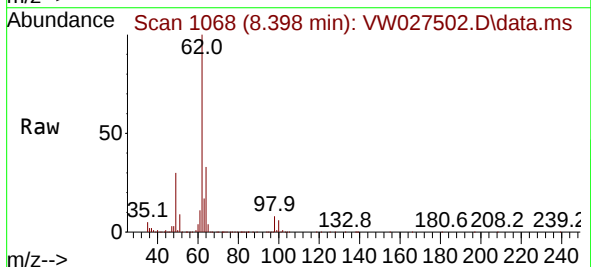
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

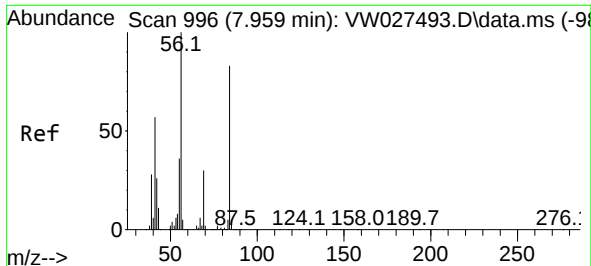
Tgt Ion: 83 Resp: 231364
Ion Ratio Lower Upper
83 100
85 64.2 44.1 81.9



#27
1,2-Dichloroethane
Concen: 16.214 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion: 62 Resp: 169877
Ion Ratio Lower Upper
62 100
98 8.1 7.5 11.3





#29

Cyclohexane

Concen: 11.542 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

GCDG8MS

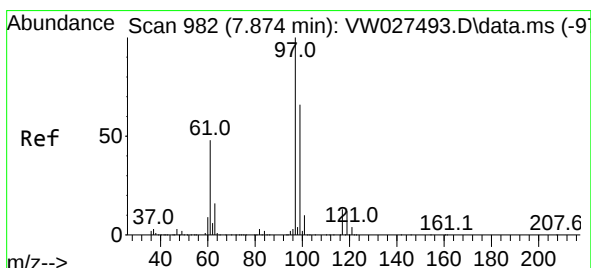
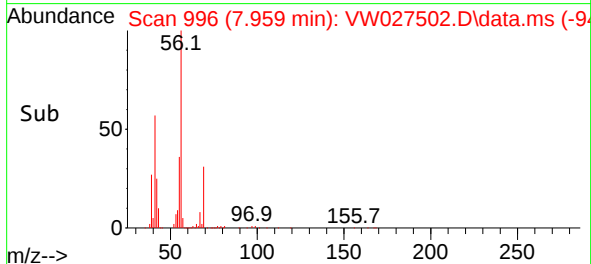
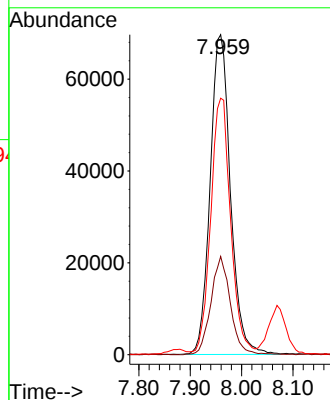
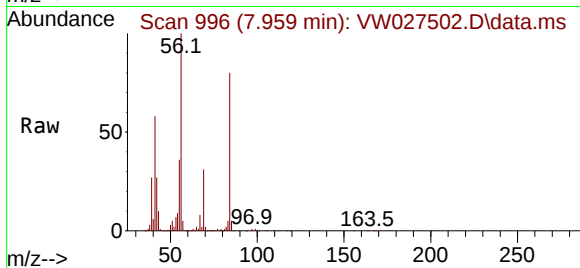
Tgt Ion: 56 Resp: 191429

Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.4

84 78.5 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 13.211 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

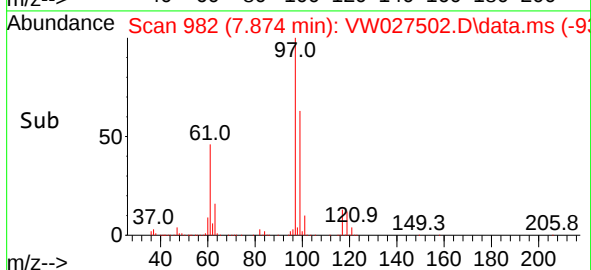
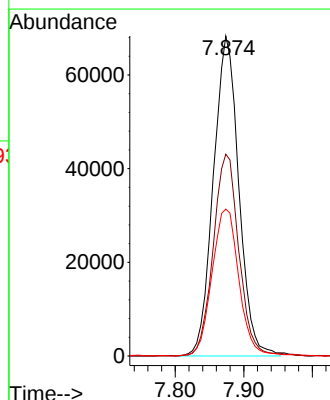
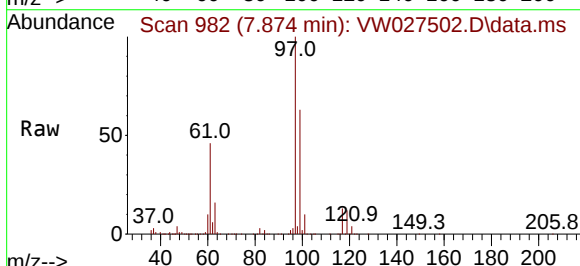
Tgt Ion: 97 Resp: 176024

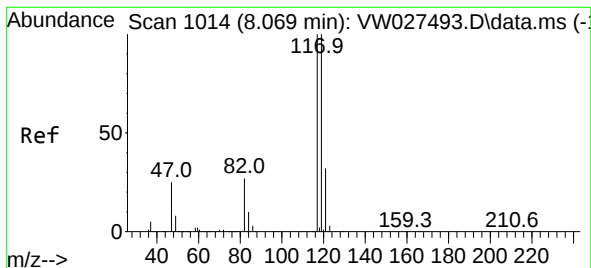
Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.0

61 48.6 37.4 56.0





#31

Carbon tetrachloride

Concen: 12.296 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

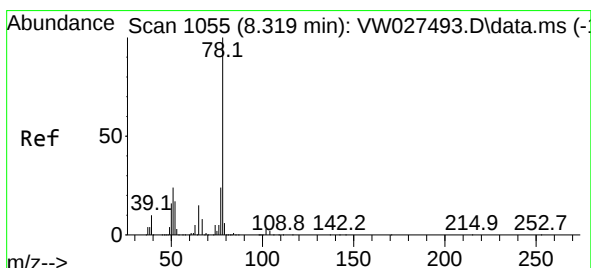
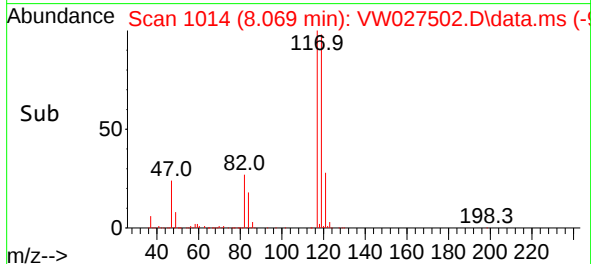
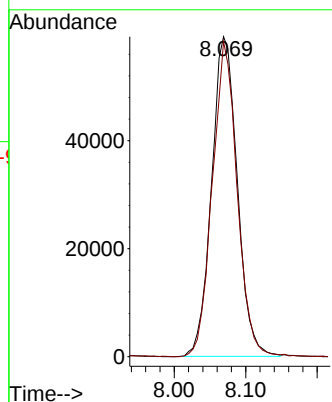
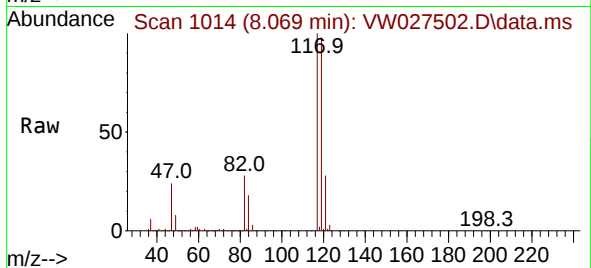
GCDG8MS

Tgt Ion:117 Resp: 147729

Ion Ratio Lower Upper

117 100

119 95.0 77.1 115.7



#33

Benzene

Concen: 13.608 ug/L

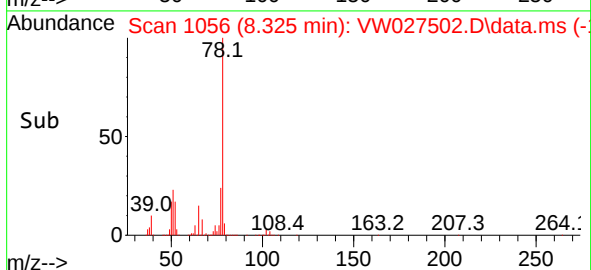
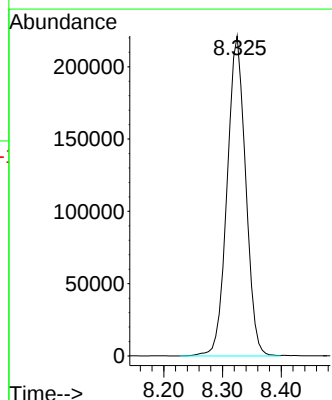
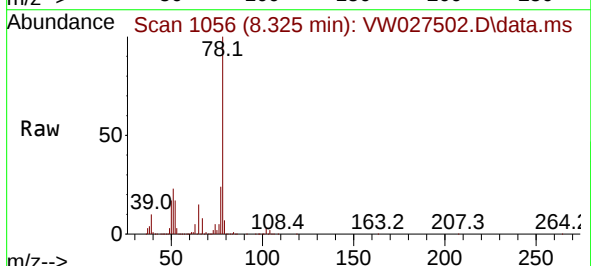
RT: 8.325 min Scan# 1056

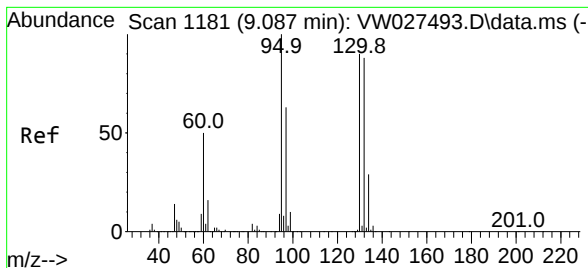
Delta R.T. 0.006 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Tgt Ion: 78 Resp: 485784





#34

Trichloroethene

Concen: 13.169 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

GCDG8MS

Tgt Ion: 95 Resp: 124182

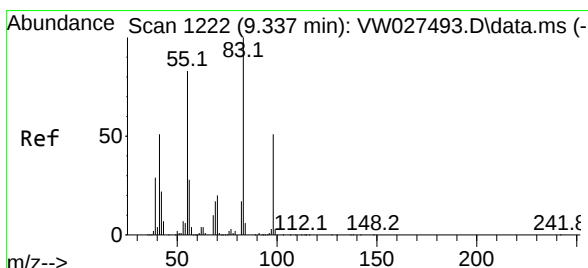
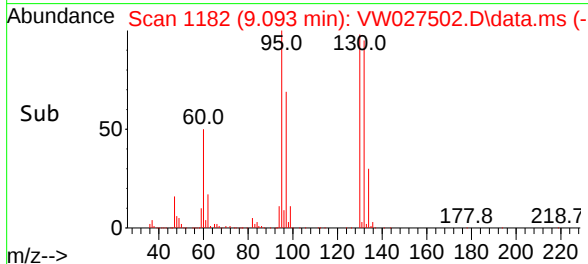
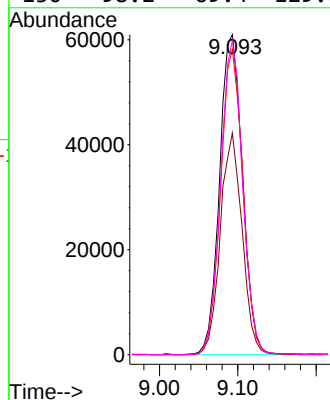
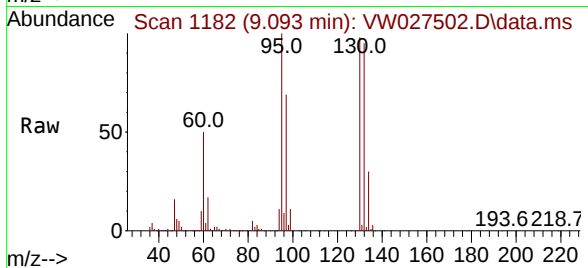
Ion Ratio Lower Upper

95 100

97 69.2 43.4 80.6

132 95.5 67.6 125.6

130 98.2 69.4 129.0



#35

Methylcyclohexane

Concen: 11.608 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

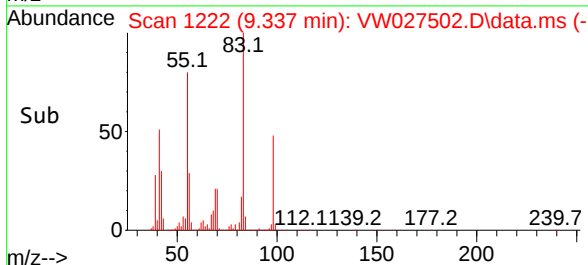
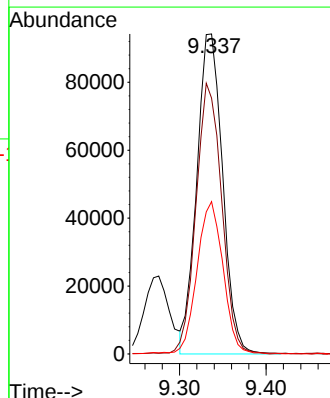
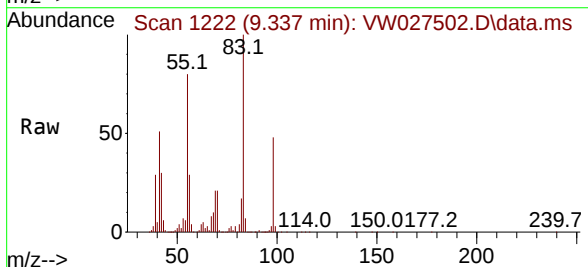
Tgt Ion: 83 Resp: 195743

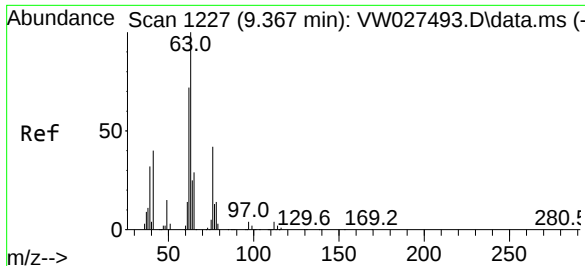
Ion Ratio Lower Upper

83 100

55 83.8 65.8 98.8

98 47.7 38.1 57.1





#37

1,2-Dichloropropane

Concen: 15.132 ug/L

RT: 9.367 min Scan# 112

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

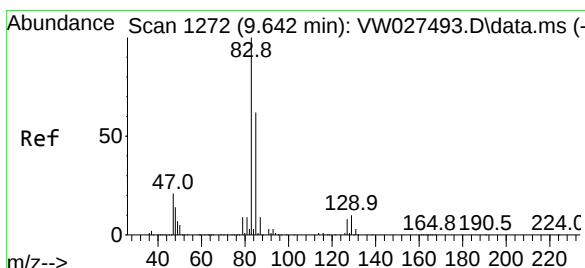
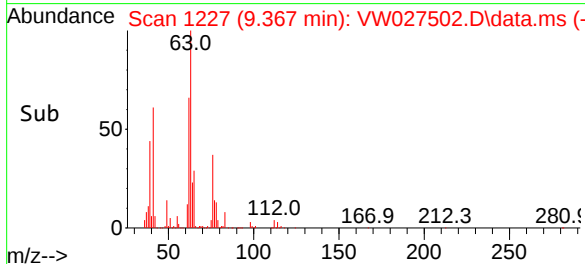
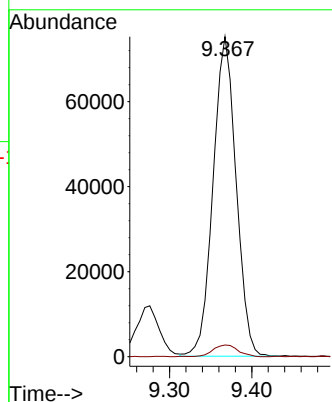
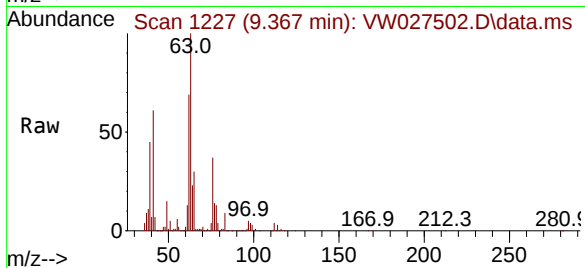
GCDG8MS

Tgt Ion: 63 Resp: 146055

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 14.433 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

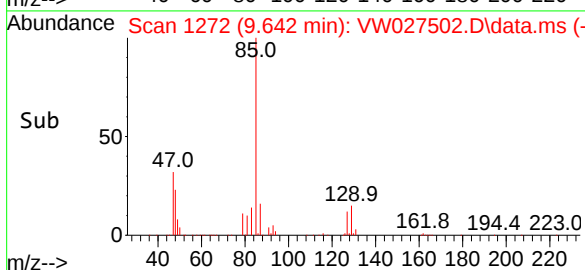
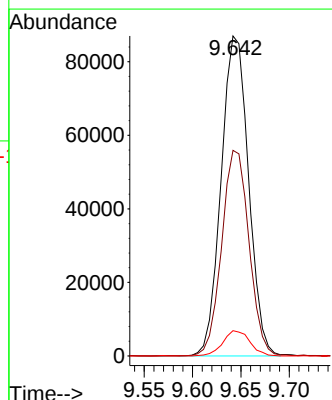
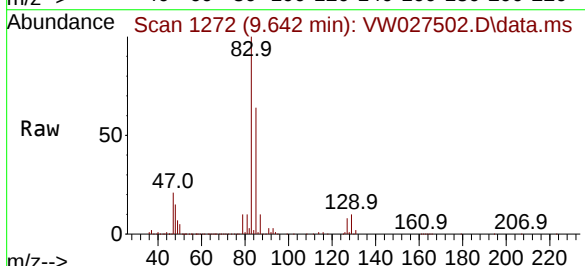
Tgt Ion: 83 Resp: 171302

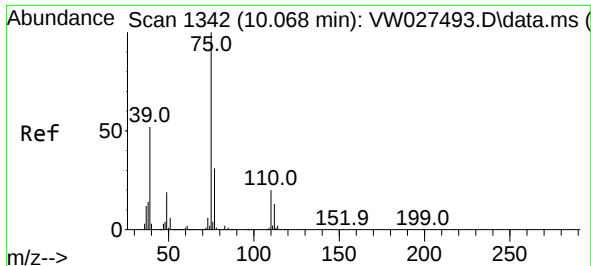
Ion Ratio Lower Upper

83 100

85 64.2 43.9 81.5

127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 13.995 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

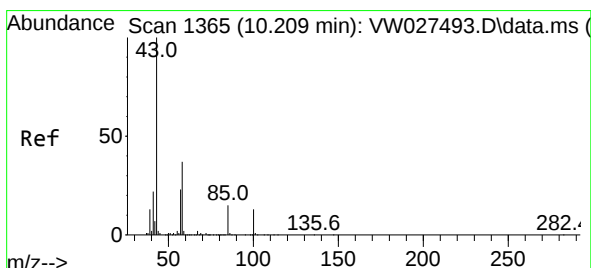
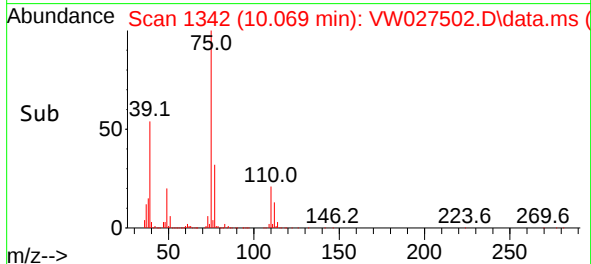
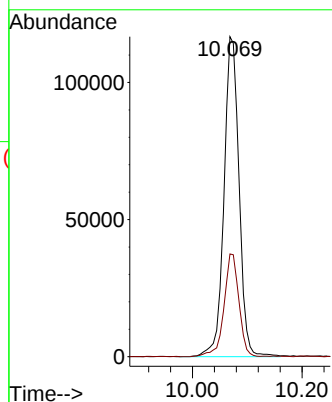
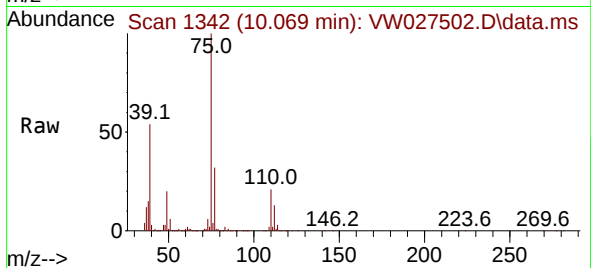
GCDG8MS

Tgt Ion: 75 Resp: 223137

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 36.522 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

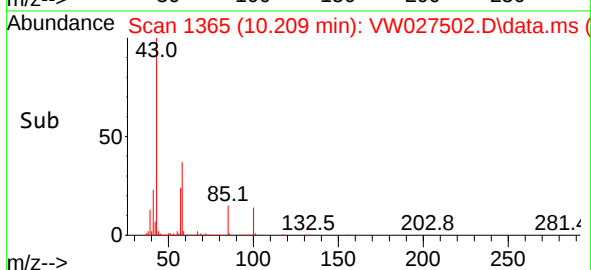
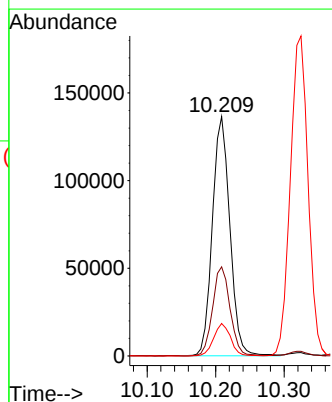
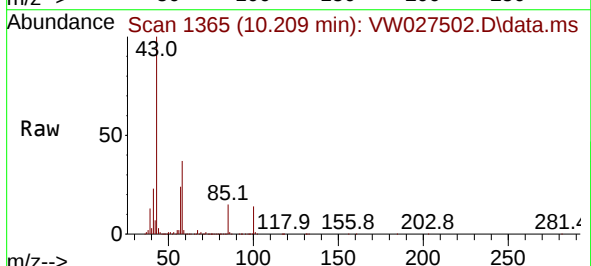
Tgt Ion: 43 Resp: 242436

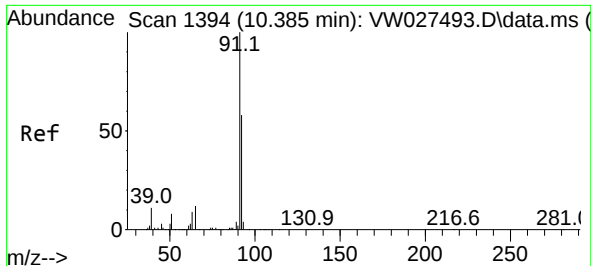
Ion Ratio Lower Upper

43 100

58 37.4 30.5 45.7

100 13.2 11.5 17.3

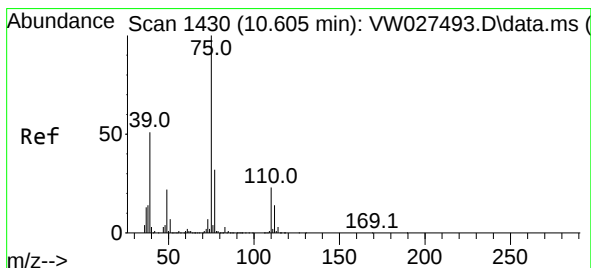
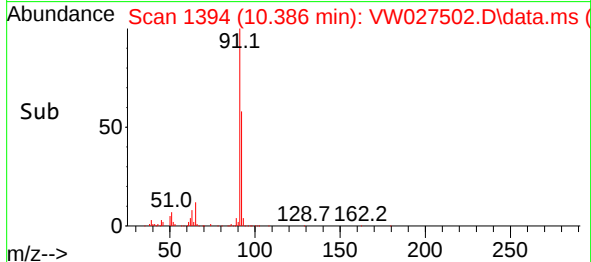
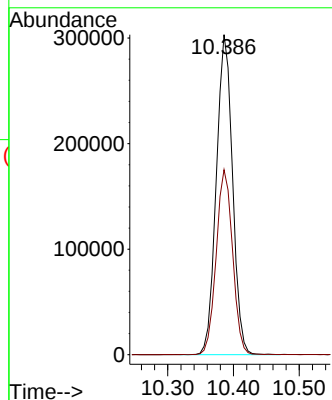
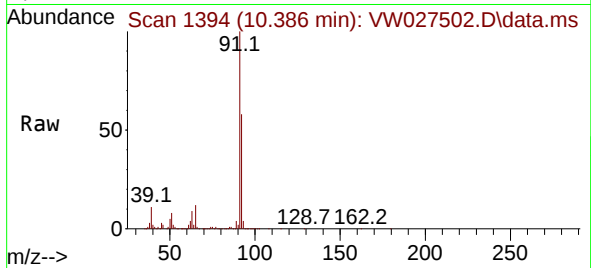




#42
Toluene
Concen: 13.889 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

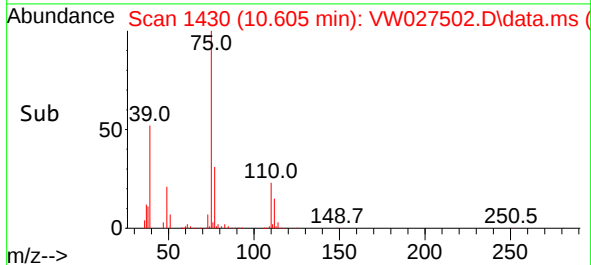
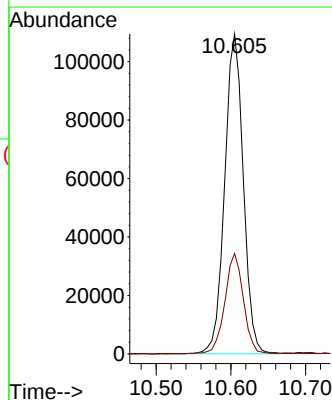
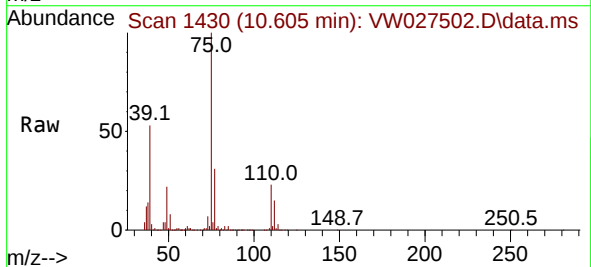
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

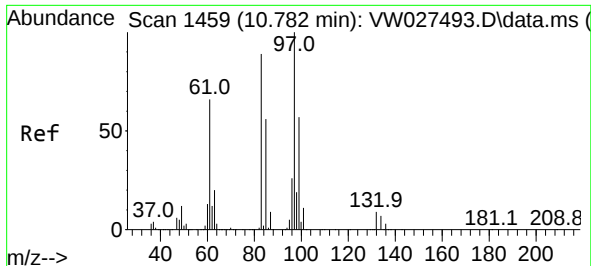
Tgt Ion: 91 Resp: 520130
Ion Ratio Lower Upper
91 100
92 57.8 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 14.109 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion: 75 Resp: 189819
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0

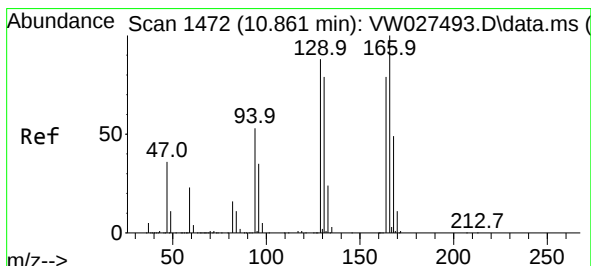
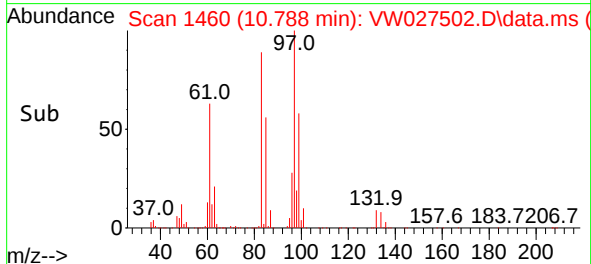
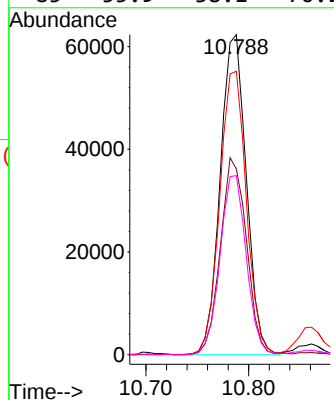
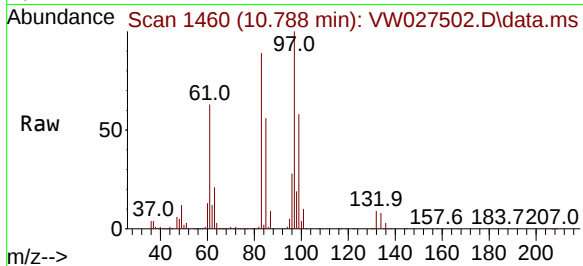




#45
1,1,2-Trichloroethane
Concen: 16.522 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

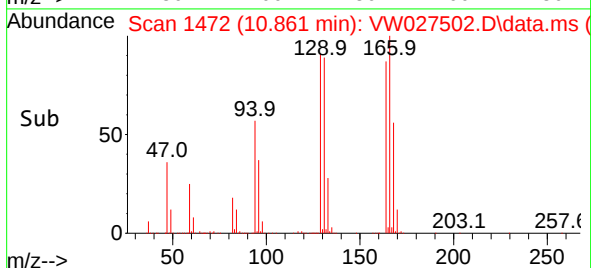
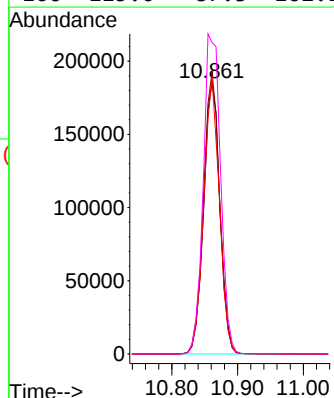
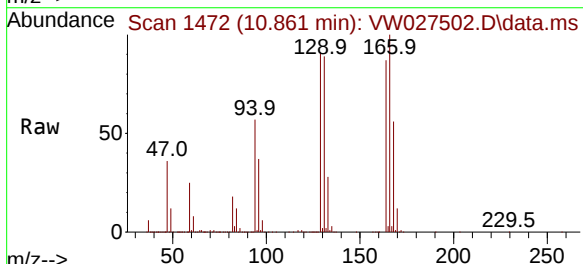
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

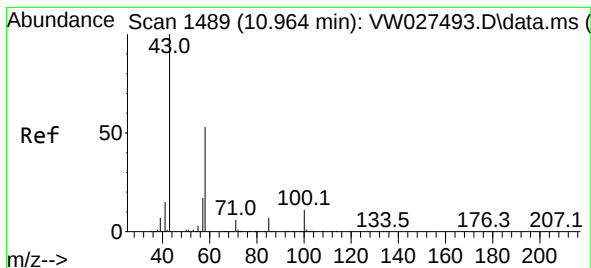
Tgt Ion: 97	Resp: 109743
Ion Ratio	Lower Upper
97 100	
99 58.0	43.8 81.4
83 88.6	57.5 106.7
85 55.9	38.1 70.9



#46
Tetrachloroethene
Concen: 49.107 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt	Ion:164	Resp:	319744
Ion	Ratio	Lower	Upper
164	100		
129	104.2	74.7	138.7
131	102.1	73.2	136.0
166	115.0	87.3	162.1

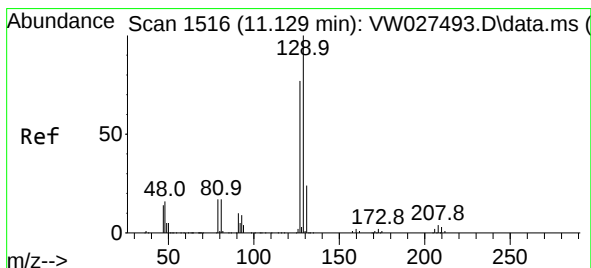
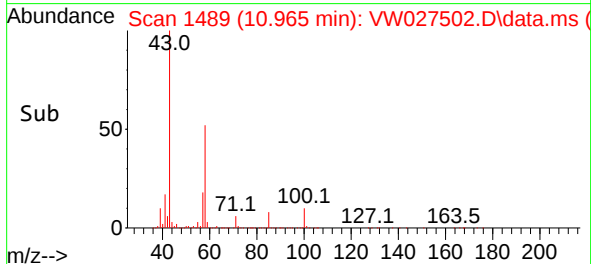
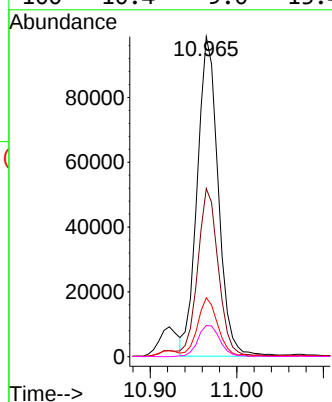
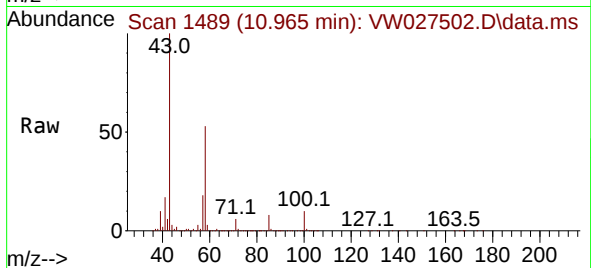




#48
2-Hexanone
Concen: 33.772 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

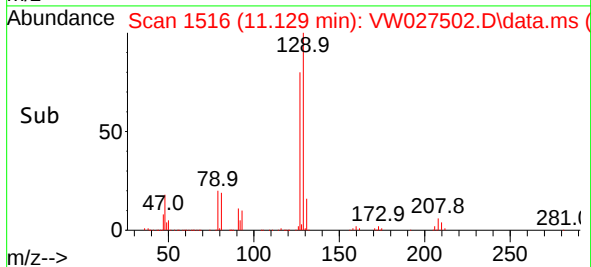
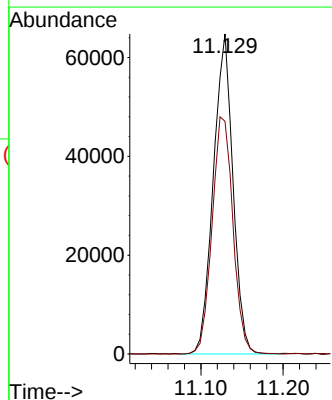
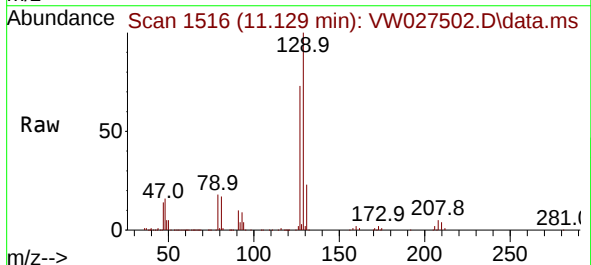
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

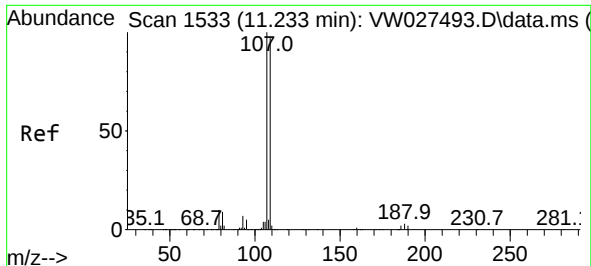
Tgt Ion: 43 Resp: 165923
Ion Ratio Lower Upper
43 100
58 52.2 42.2 63.4
57 17.8 15.1 22.7
100 10.4 9.0 13.4



#49
Dibromochloromethane
Concen: 14.571 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion: 129 Resp: 107483
Ion Ratio Lower Upper
129 100
127 72.7 51.7 95.9

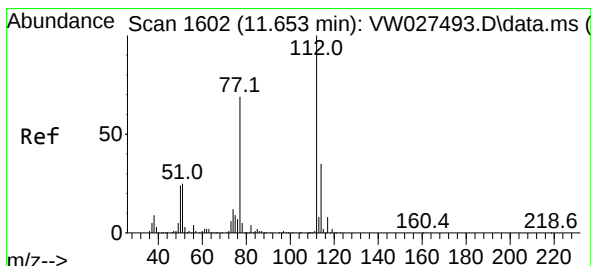
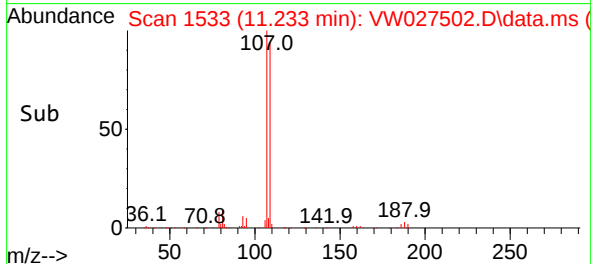
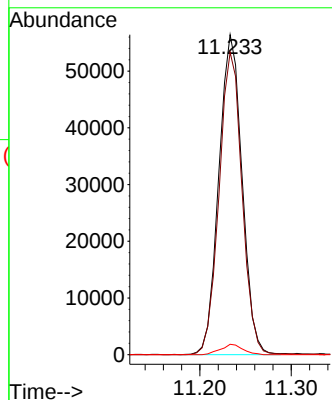
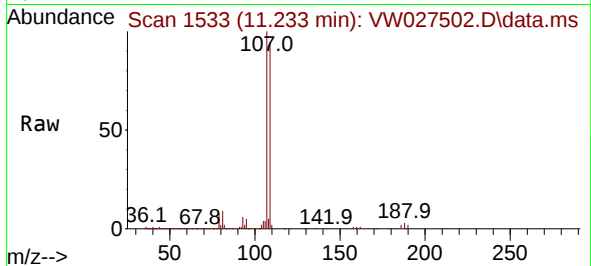




#50
1,2-Dibromoethane
Concen: 15.507 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

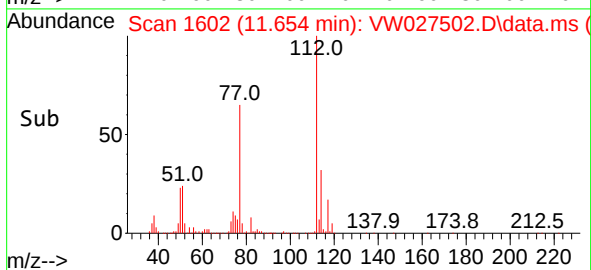
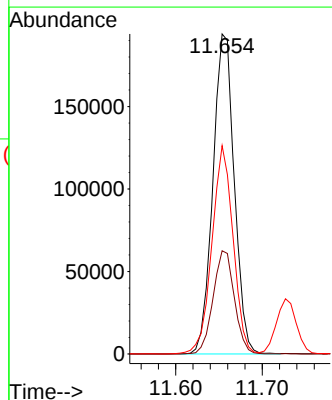
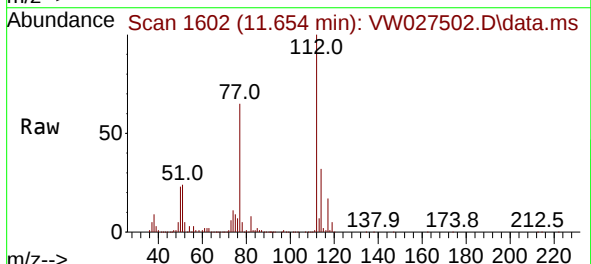
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

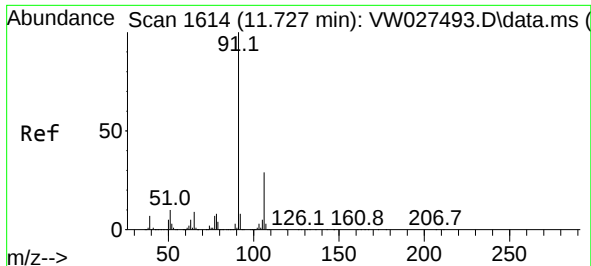
Tgt Ion:107 Resp: 99865
Ion Ratio Lower Upper
107 100
109 94.5 66.3 123.1
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 14.182 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion:112 Resp: 332576
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.6
77 65.1 52.2 78.4

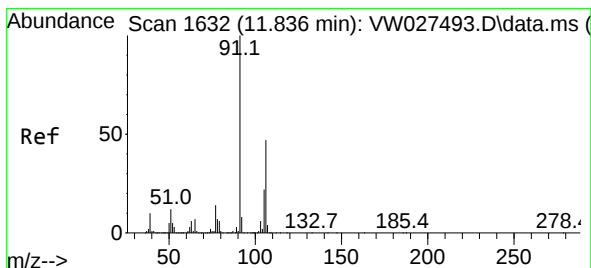
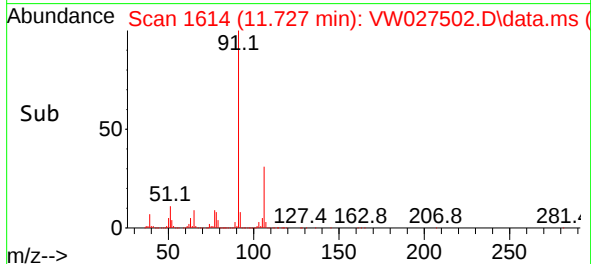
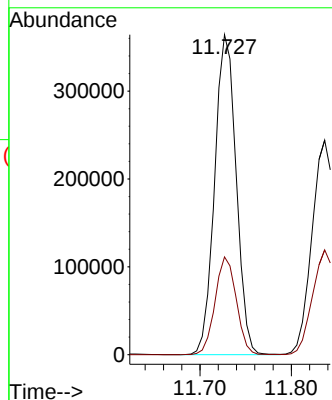
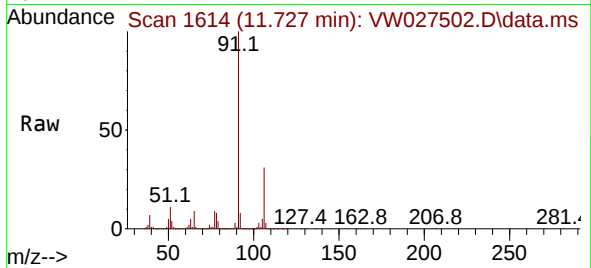




#52
Ethylbenzene
Concen: 13.725 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

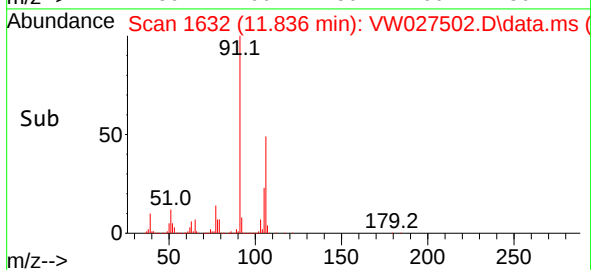
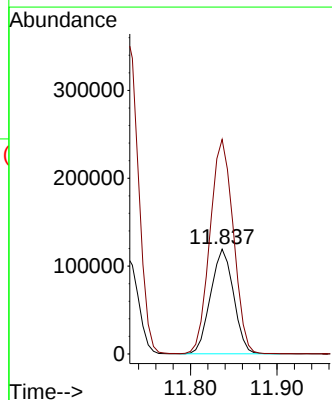
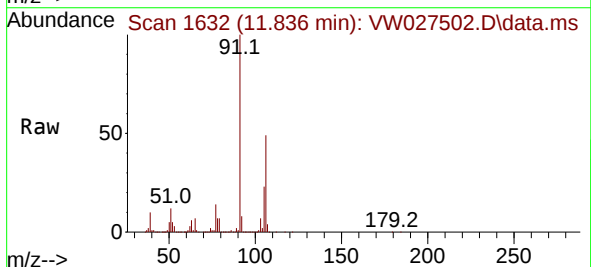
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

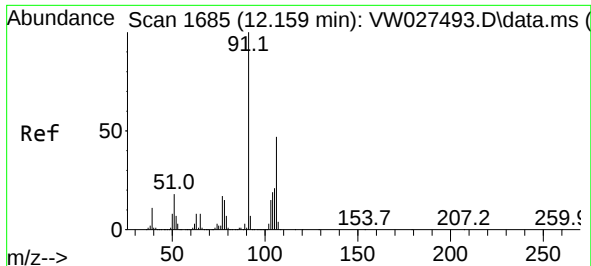
Tgt Ion: 91 Resp: 597283
Ion Ratio Lower Upper
91 100
106 30.6 19.8 36.8



#53
m,p-Xylene
Concen: 13.324 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion:106 Resp: 219915
Ion Ratio Lower Upper
106 100
91 204.8 144.5 268.4

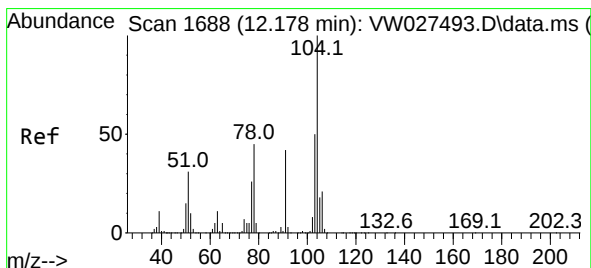
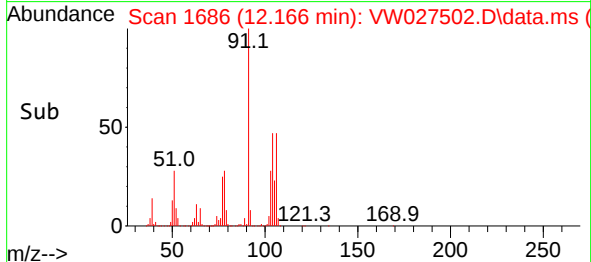
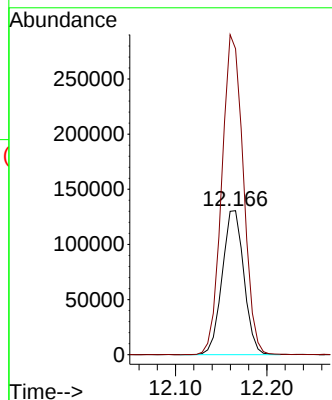
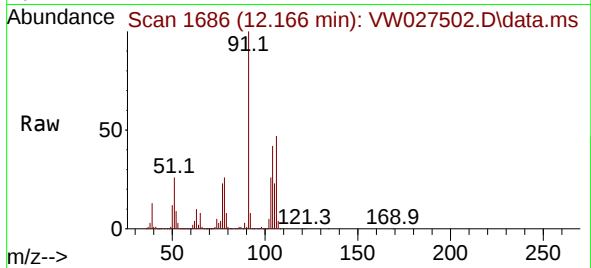




#54
o-Xylene
Concen: 13.677 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

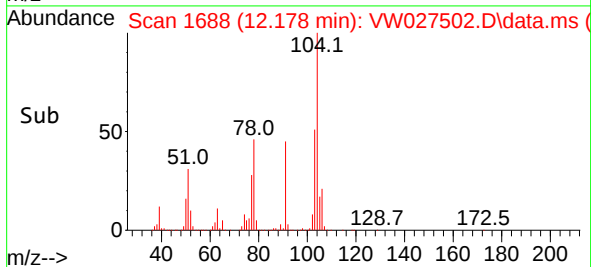
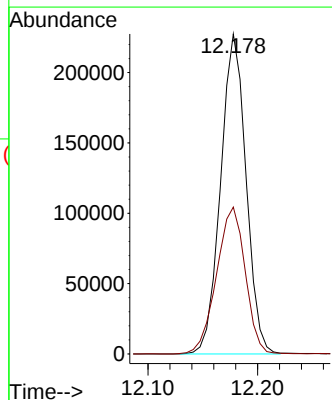
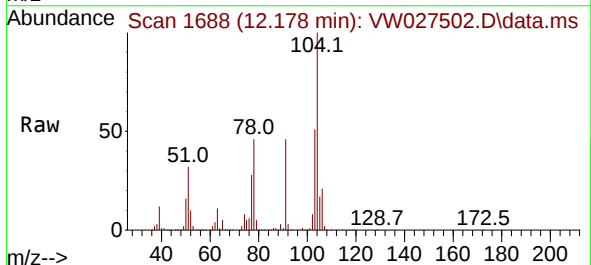
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

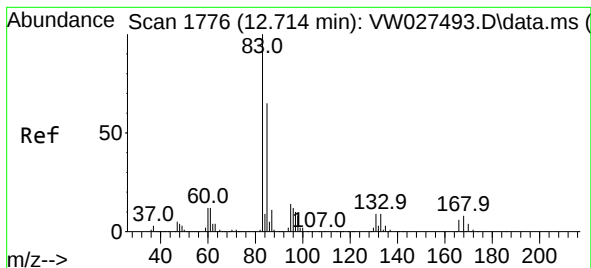
Tgt Ion:106 Resp: 216176
Ion Ratio Lower Upper
106 100
91 212.3 152.0 282.2



#55
Styrene
Concen: 13.573 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion:104 Resp: 366398
Ion Ratio Lower Upper
104 100
78 45.9 33.2 61.6

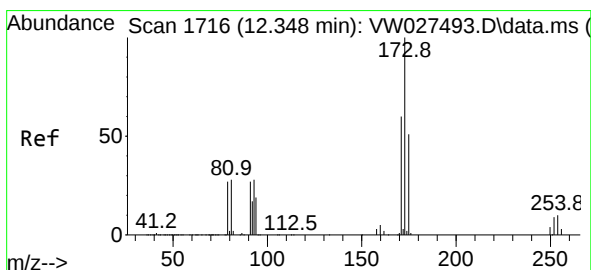
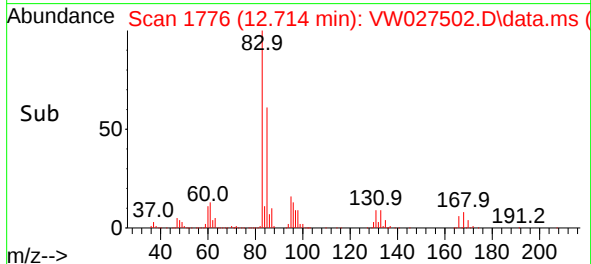
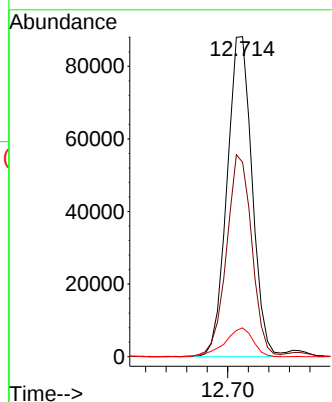
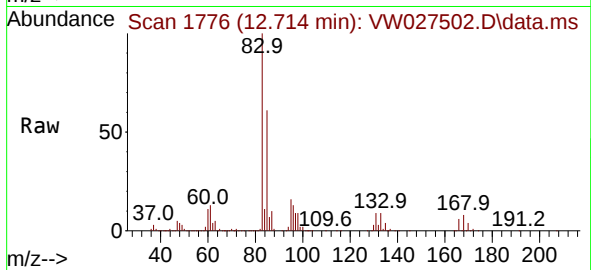




#57
 1,1,2,2-Tetrachloroethane
 Concen: 18.457 ug/L
 RT: 12.714 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW027502.D
 Acq: 01 Nov 2023 15:06

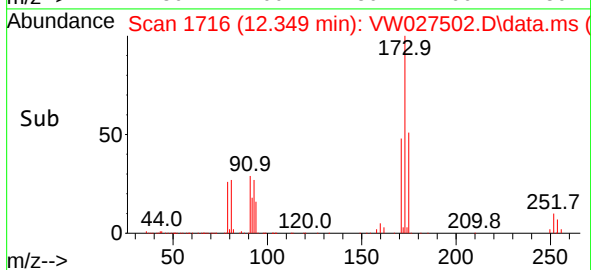
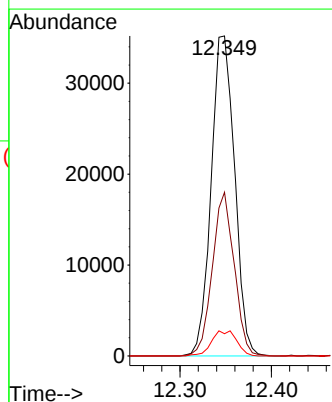
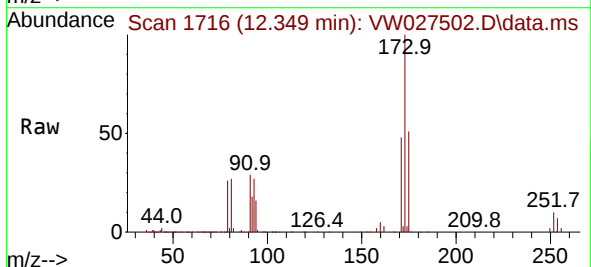
Instrument :
 MSVOA_W
 ClientSampleId :
 GCDG8MS

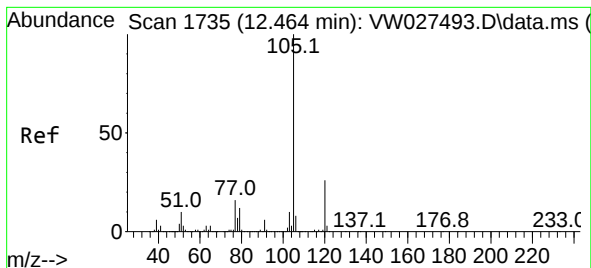
Tgt Ion: 83 Resp: 149660
 Ion Ratio Lower Upper
 83 100
 85 60.8 43.2 80.2
 131 9.0 7.2 10.8



#59
 Bromoform
 Concen: 14.292 ug/L
 RT: 12.349 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VW027502.D
 Acq: 01 Nov 2023 15:06

Tgt Ion: 173 Resp: 62793
 Ion Ratio Lower Upper
 173 100
 175 47.6 39.6 59.4
 254 8.5 6.6 10.0





#60

Isopropylbenzene

Concen: 12.739 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

GCDG8MS

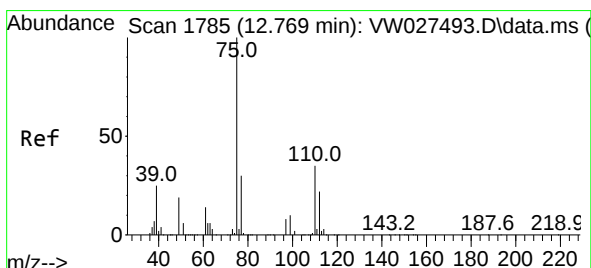
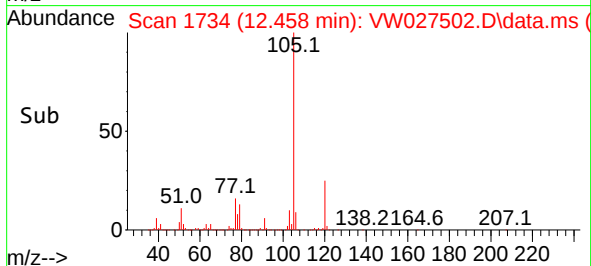
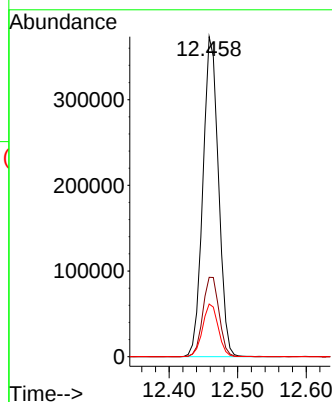
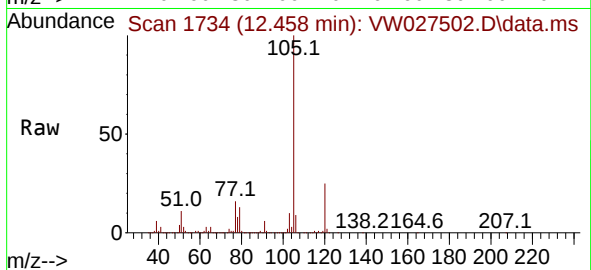
Tgt Ion:105 Resp: 590869

Ion Ratio Lower Upper

105 100

120 25.9 20.1 30.1

77 16.6 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 16.766 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

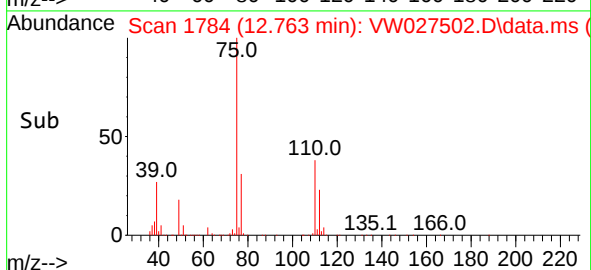
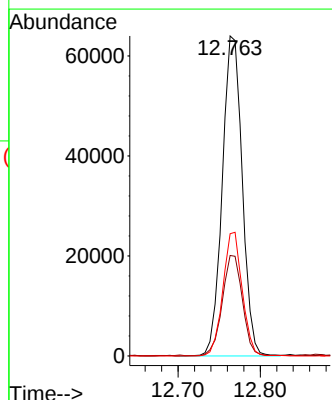
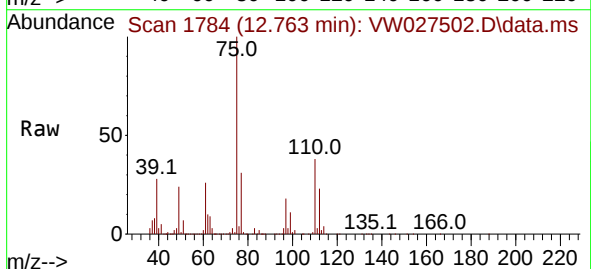
Tgt Ion: 75 Resp: 108092

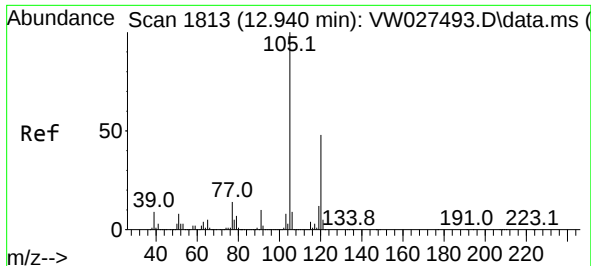
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

110 37.3 29.7 44.5

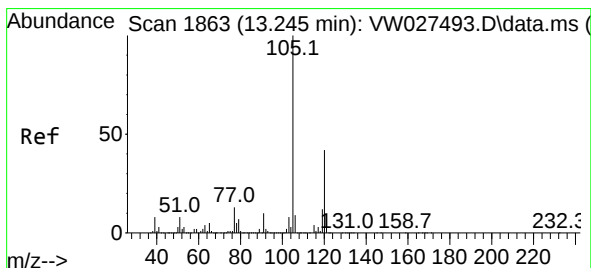
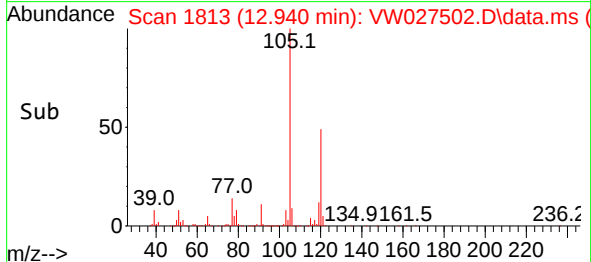
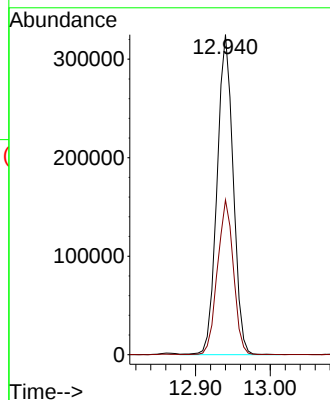
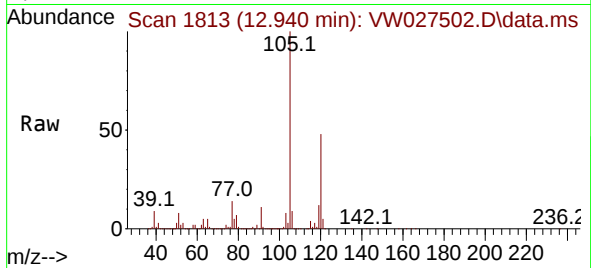




#62
1,3,5-Trimethylbenzene
Concen: 12.624 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

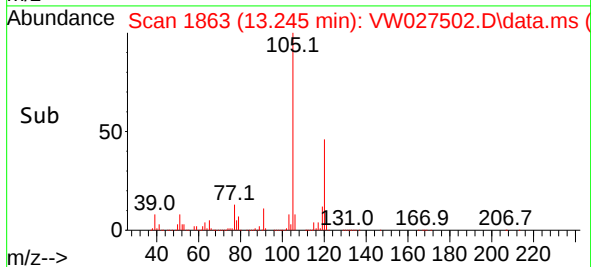
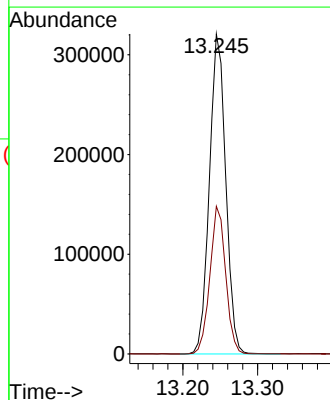
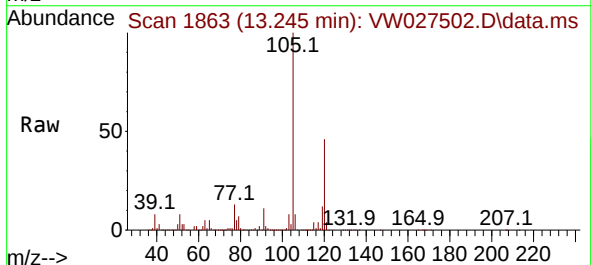
Instrument :
MSVOA_W
ClientSampleId :
GCDG8MS

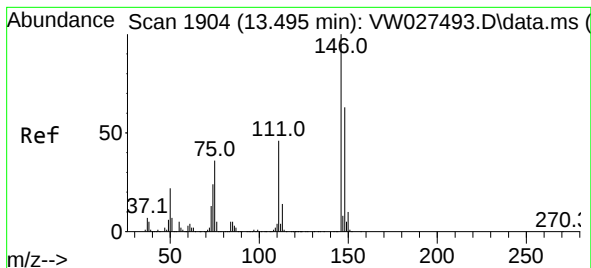
Tgt Ion:105 Resp: 488421
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 12.891 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027502.D
Acq: 01 Nov 2023 15:06

Tgt Ion:105 Resp: 488011
Ion Ratio Lower Upper
105 100
120 44.5 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 13.687 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

GCDG8MS

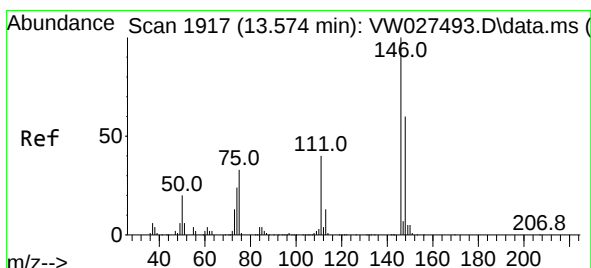
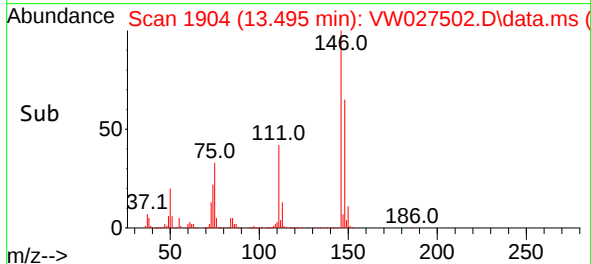
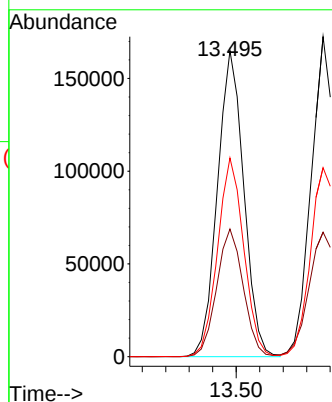
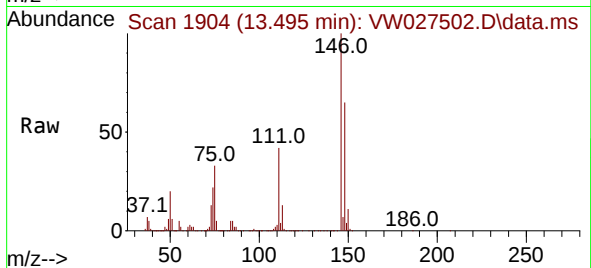
Tgt Ion:146 Resp: 257449

Ion Ratio Lower Upper

146 100

111 41.7 30.8 57.2

148 64.9 46.3 85.9



#65

1,4-Dichlorobenzene

Concen: 13.804 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

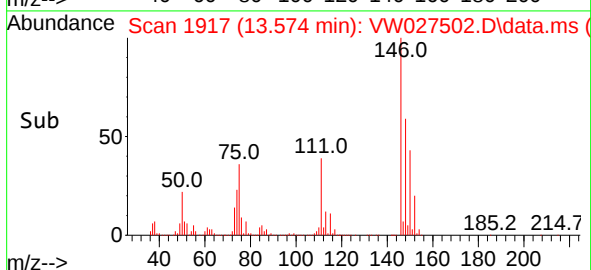
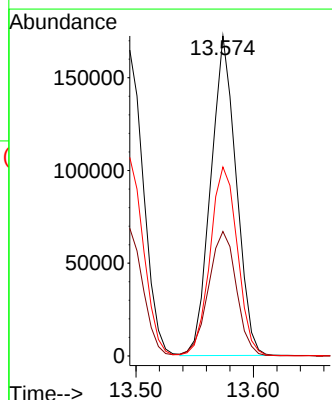
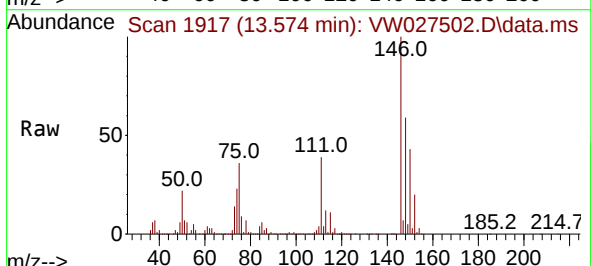
Tgt Ion:146 Resp: 259301

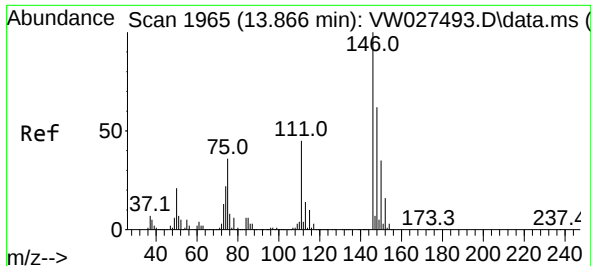
Ion Ratio Lower Upper

146 100

111 38.9 29.5 54.9

148 59.1 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 14.173 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

GCDG8MS

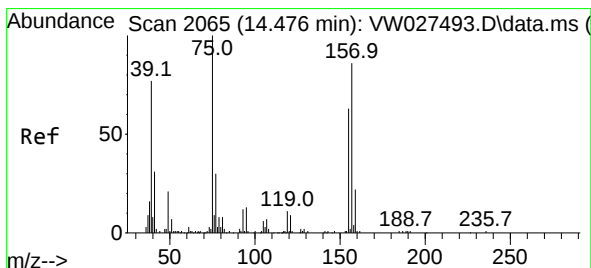
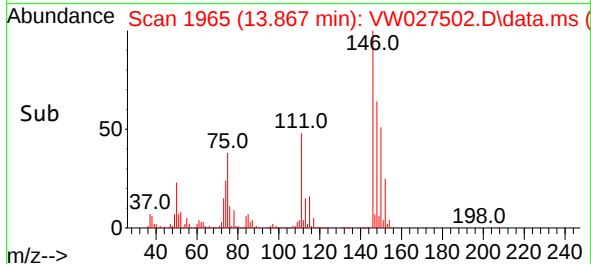
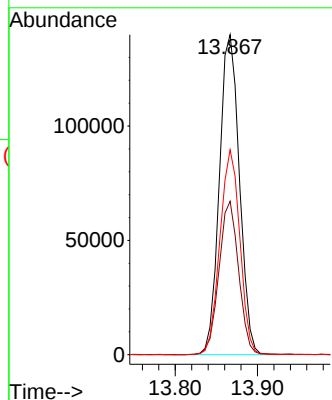
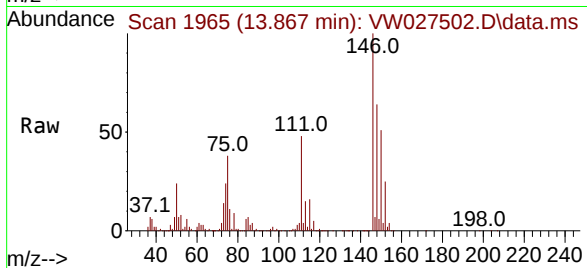
Tgt Ion:146 Resp: 236552

Ion Ratio Lower Upper

146 100

111 47.9 36.8 55.2

148 64.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 14.630 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

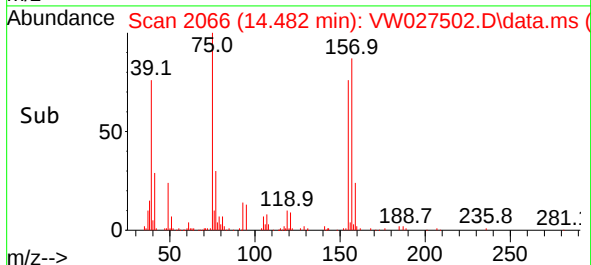
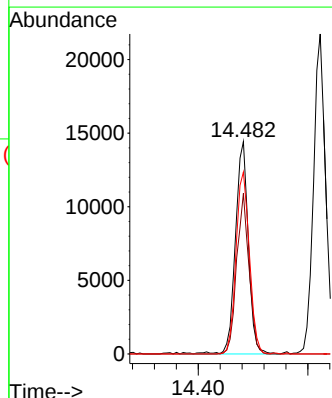
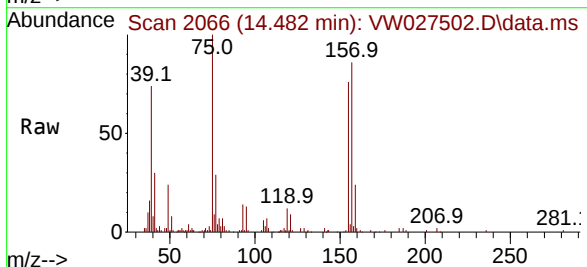
Tgt Ion: 75 Resp: 23573

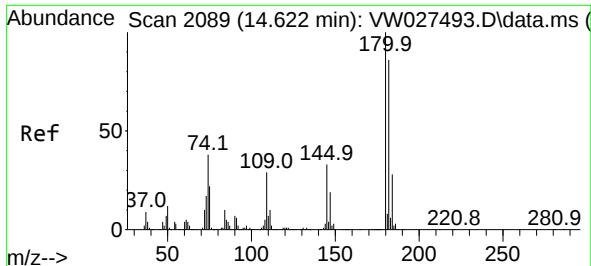
Ion Ratio Lower Upper

75 100

155 75.7 54.9 82.3

157 85.7 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 12.869 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

GCDG8MS

Tgt Ion:180 Resp: 157141

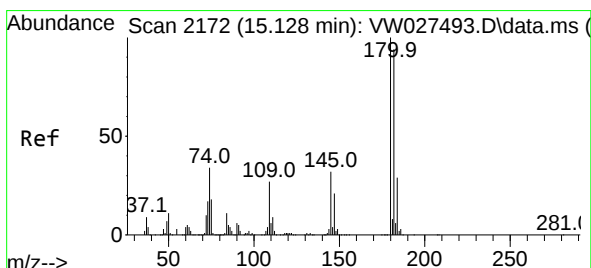
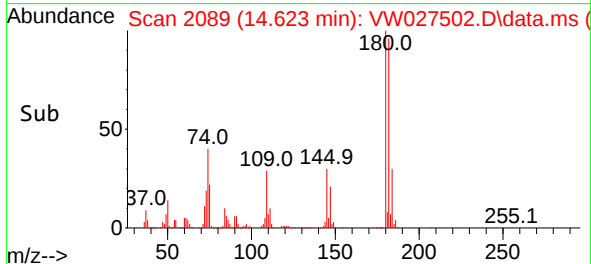
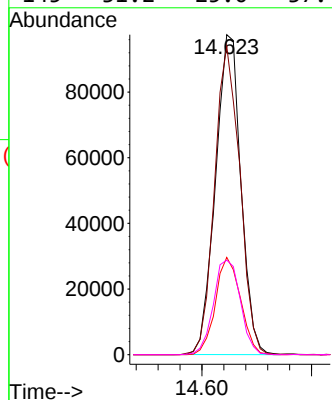
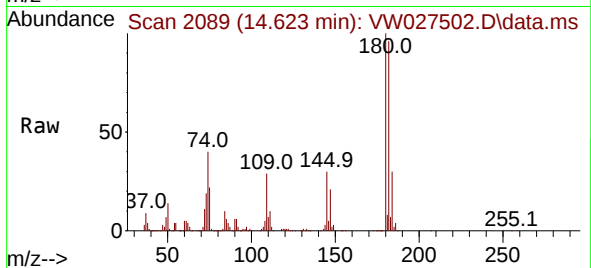
Ion Ratio Lower Upper

180 100

182 95.9 73.4 110.0

184 30.0 23.3 34.9

145 31.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 12.706 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

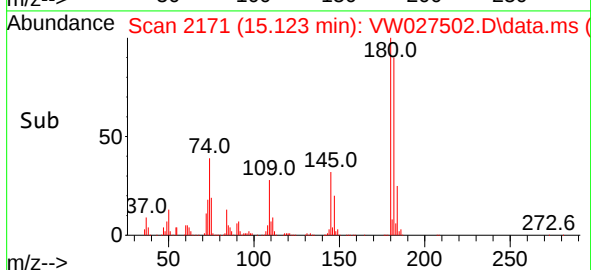
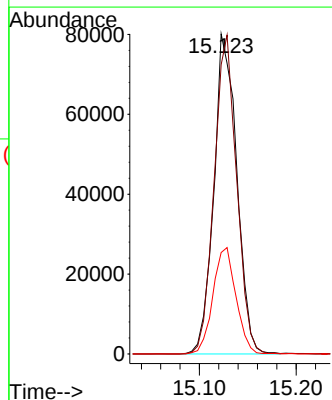
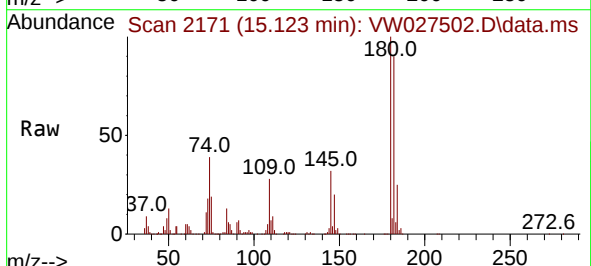
Tgt Ion:180 Resp: 132052

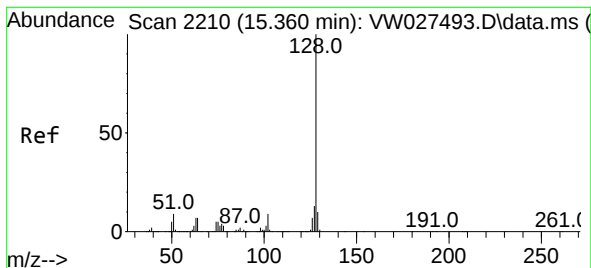
Ion Ratio Lower Upper

180 100

182 97.4 75.5 113.3

145 33.4 26.4 39.6





#71

Naphthalene

Concen: 14.975 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Instrument :

MSVOA_W

ClientSampleId :

GCDG8MS

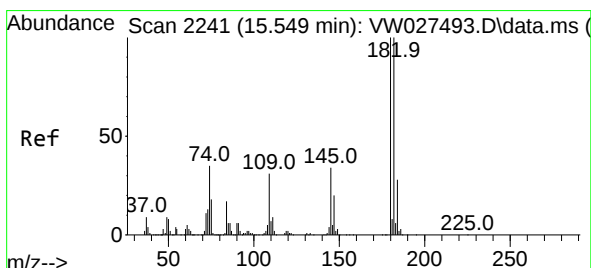
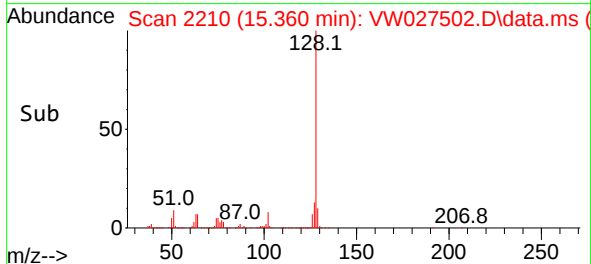
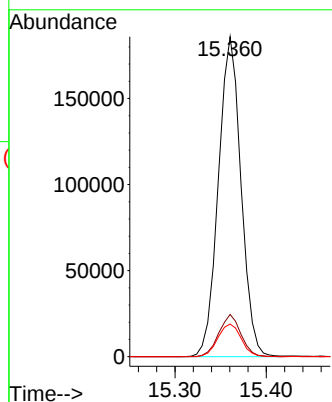
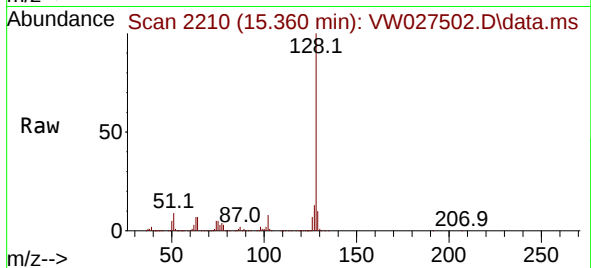
Tgt Ion:128 Resp: 320057

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.5 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 14.164 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027502.D

Acq: 01 Nov 2023 15:06

Tgt Ion:180 Resp: 121048

Ion Ratio Lower Upper

180 100

182 94.7 81.1 121.7

145 34.4 30.6 45.8

