

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027123.D
 Acq On : 18 Sep 2023 13:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 22:33:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:25:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	504191	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	507179	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	292736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	187837	23.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.600%
7) Chloroethane-d5	2.893	69	148855	23.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
11) 1,1-Dichloroethene-d2	4.021	65	82827	23.815	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.240%
21) 2-Butanone-d5	7.075	46	75687	50.388	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.780%
24) Chloroform-d	7.648	84	384393	25.377	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.520%
26) 1,2-Dichloroethane-d4	8.307	65	187541	25.374	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.480%
32) Benzene-d6	8.276	84	836535	25.540	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.160%
36) 1,2-Dichloropropane-d6	9.270	67	236981	25.570	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.280%
41) Toluene-d8	10.318	98	777139	26.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.640%
43) trans-1,3-Dichloroprop...	10.575	79	94912	25.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.360%
47) 2-Hexanone-d5	10.922	63	66239	59.313	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	186231	25.078	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.320%
66) 1,2-Dichlorobenzene-d4	13.854	152	254224	24.318	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	131350	22.902	ug/L	# 84
3) Chloromethane	2.222	50	159575	25.929	ug/L	94
5) Vinyl chloride	2.375	62	204758	24.452	ug/L	98
6) Bromomethane	2.789	94	143419	24.662	ug/L	97
8) Chloroethane	2.930	64	124487	25.493	ug/L	97
9) Trichlorofluoromethane	3.265	101	160914	24.745	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	185420	24.746	ug/L	96
12) 1,1-Dichloroethene	4.045	96	189648	25.791	ug/L	94
13) Acetone	4.118	43	64510	45.459	ug/L	100
14) Carbon disulfide	4.393	76	631343	25.756	ug/L	98
15) Methyl Acetate	4.667	43	72087	25.747	ug/L	97
16) Methylene chloride	4.917	84	222005	23.144	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	213338	26.736	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	297506	28.060	ug/L	100
19) 1,1-Dichloroethane	6.216	63	359373	25.682	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	227518	27.110	ug/L	99
22) 2-Butanone	7.173	43	93045	48.538	ug/L	99
23) Bromochloromethane	7.520	128	98113	25.393	ug/L	94
25) Chloroform	7.679	83	374834	26.083	ug/L	97

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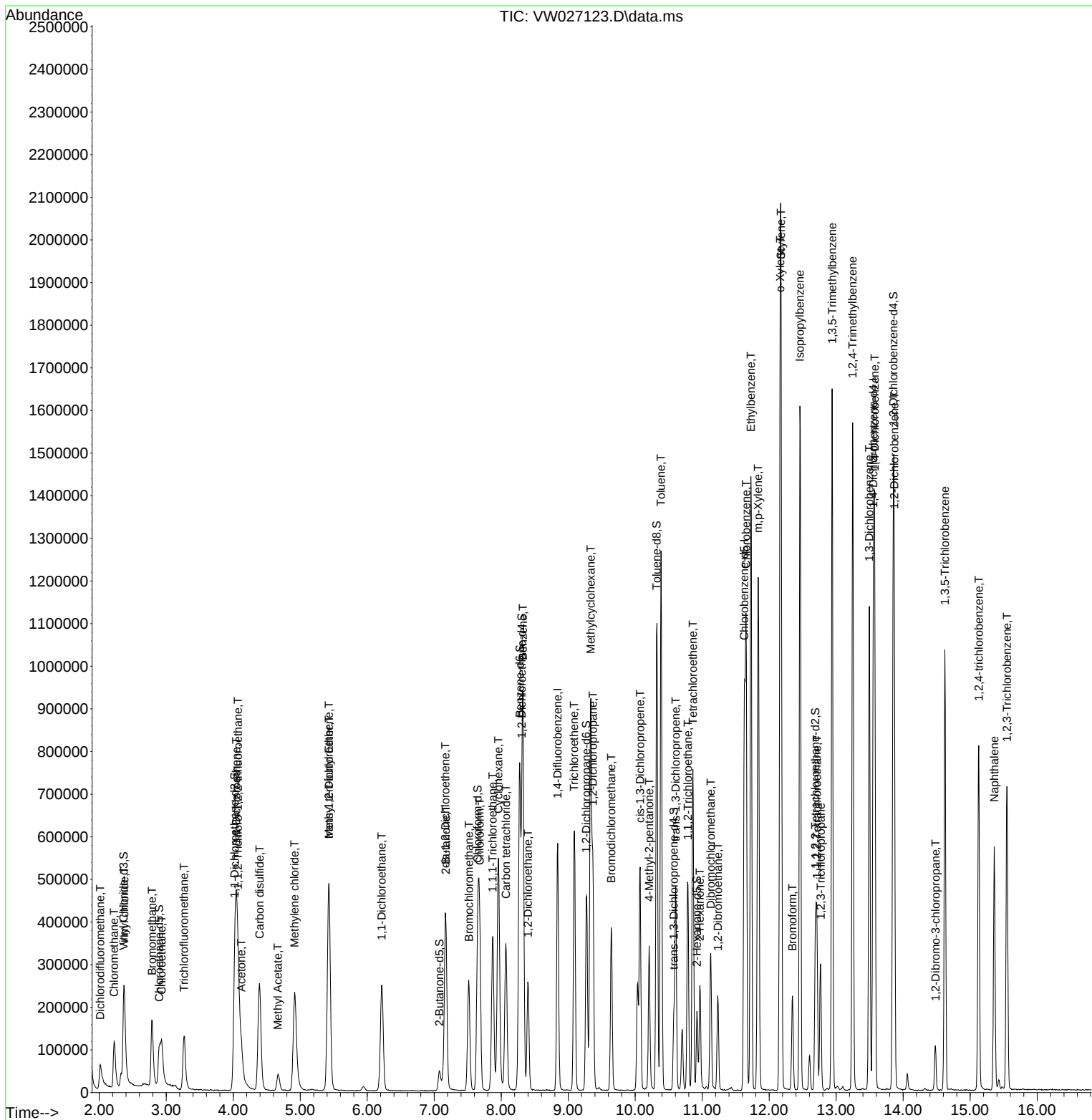
Instrument :
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 ClientSampleId :

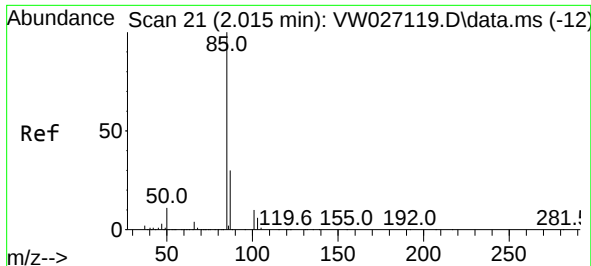
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 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:25:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	231945	26.635	ug/L	98
29) Cyclohexane	7.959	56	323002	26.607	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	296355	24.724	ug/L	98
31) Carbon tetrachloride	8.069	117	274679	25.859	ug/L	99
33) Benzene	8.325	78	876607	26.169	ug/L	100
34) Trichloroethene	9.087	95	218716	24.706	ug/L	98
35) Methylcyclohexane	9.337	83	393688	26.072	ug/L	99
37) 1,2-Dichloropropane	9.367	63	211284	25.398	ug/L	100
38) Bromodichloromethane	9.642	83	262846	25.837	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	329674	26.456	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	200282	53.682	ug/L	99
42) Toluene	10.386	91	950550	26.854	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	275883	26.381	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	162415	25.374	ug/L	97
46) Tetrachloroethene	10.861	164	183944	24.652	ug/L	84
48) 2-Hexanone	10.965	43	140114	52.076	ug/L	97
49) Dibromochloromethane	11.129	129	174536	26.055	ug/L	95
50) 1,2-Dibromoethane	11.233	107	151949	25.866	ug/L #	93
51) Chlorobenzene	11.654	112	600892	25.723	ug/L	96
52) Ethylbenzene	11.727	91	1029168	26.510	ug/L	100
53) m,p-Xylene	11.836	106	400507	26.901	ug/L	98
54) o-Xylene	12.166	106	383532	27.041	ug/L	95
55) Styrene	12.178	104	679096	27.943	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	192611	25.683	ug/L	94
59) Bromoform	12.349	173	104733	24.696	ug/L	95
60) Isopropylbenzene	12.458	105	1047079	26.698	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	134147	24.571	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	870520	27.736	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	846863	27.847	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	458742	24.735	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	482480	25.031	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	429996	25.367	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	28686	23.727	ug/L	84
69) 1,3,5-Trichlorobenzene	14.623	180	324868	24.334	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	277534	26.231	ug/L	97
71) Naphthalene	15.360	128	475769	27.030	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	260126	27.234	ug/L	96

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

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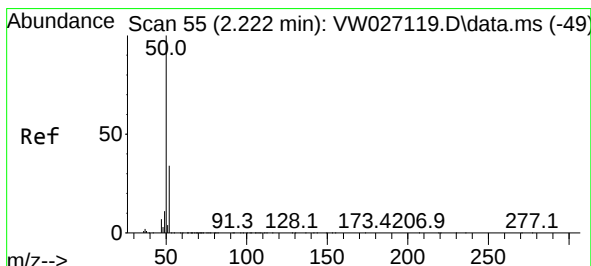
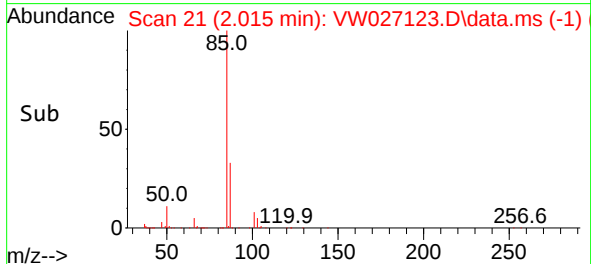
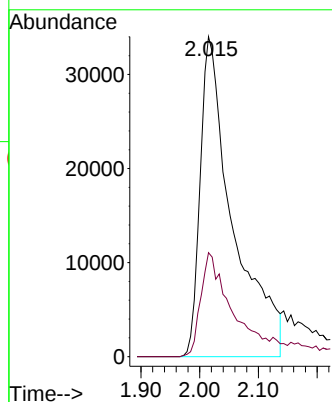
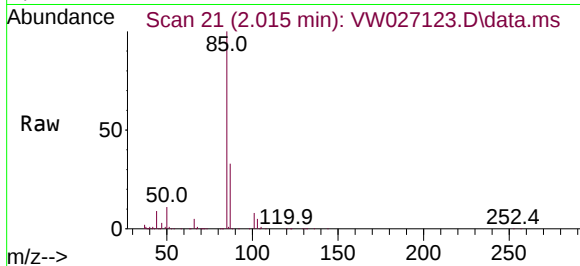




#2
Dichlorodifluoromethane
Concen: 22.902 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

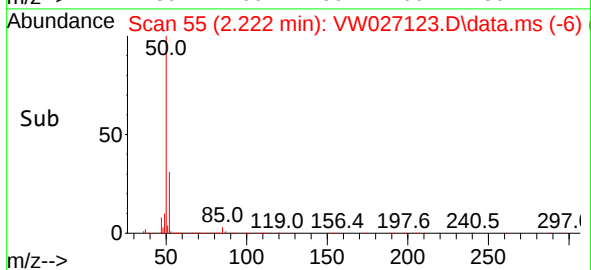
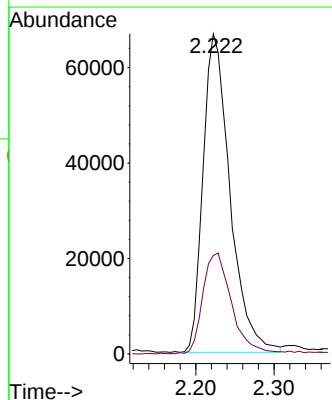
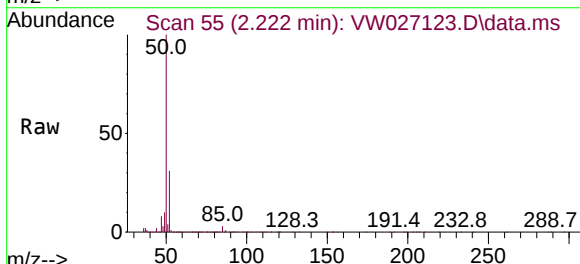
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MSVOA_W
ClientSampleId :

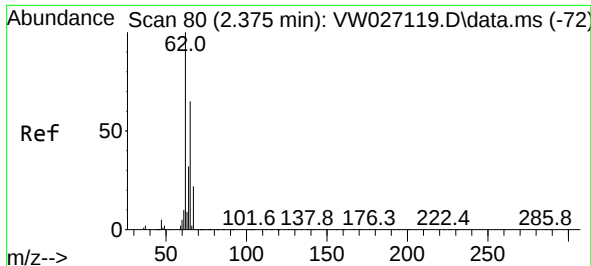
Tgt Ion: 85 Resp: 131350
Ion Ratio Lower Upper
85 100
87 31.0 18.5 27.7#



#3
Chloromethane
Concen: 25.929 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion: 50 Resp: 159575
Ion Ratio Lower Upper
50 100
52 30.8 23.8 44.2

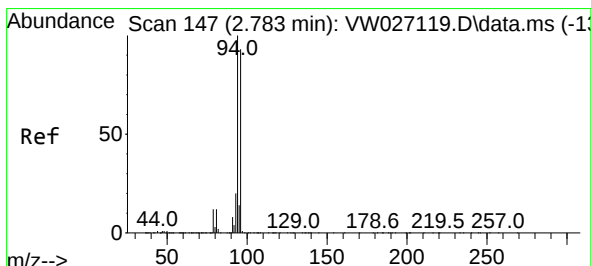
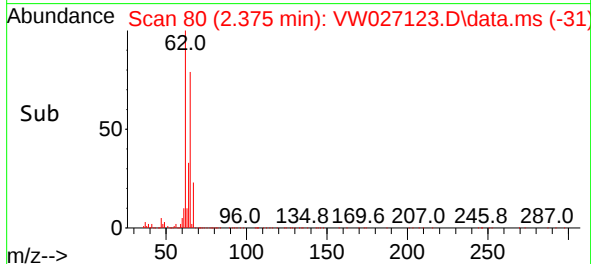
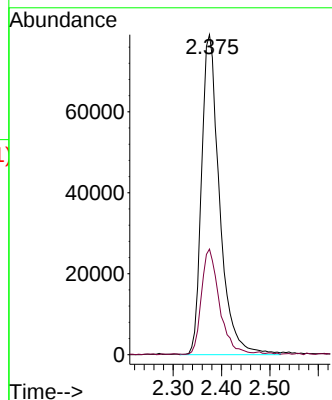
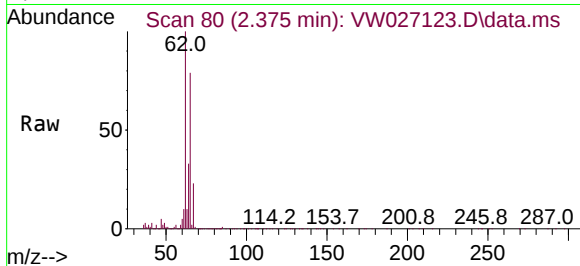




#5
 Vinyl chloride
 Concen: 24.452 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027123.D
 Acq: 18 Sep 2023 13:05

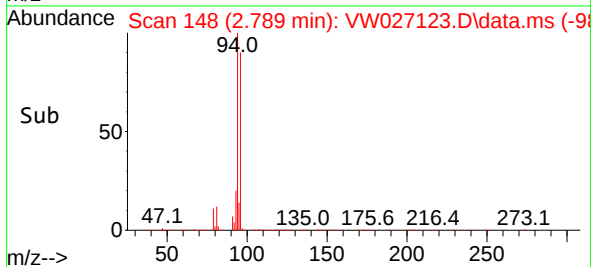
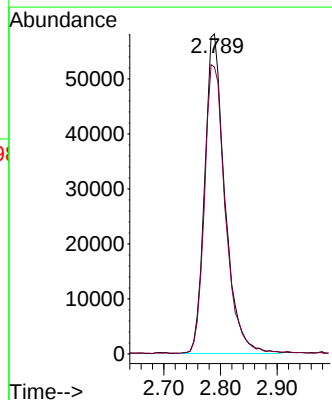
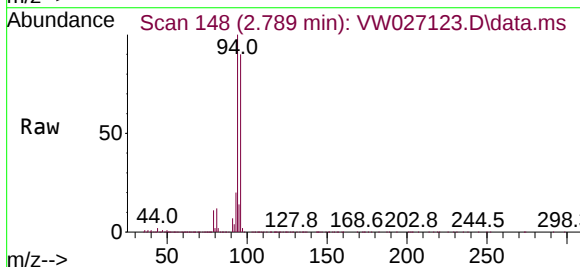
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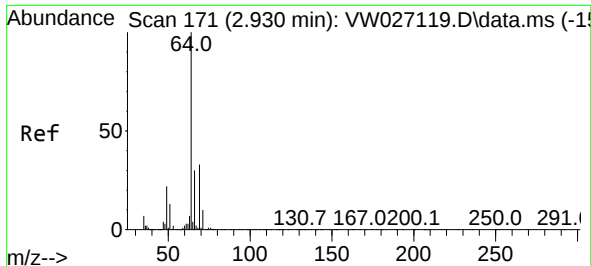
Tgt Ion: 62 Resp: 204758
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.5 41.7



#6
 Bromomethane
 Concen: 24.662 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW027123.D
 Acq: 18 Sep 2023 13:05

Tgt Ion: 94 Resp: 143419
 Ion Ratio Lower Upper
 94 100
 96 89.7 65.0 120.8

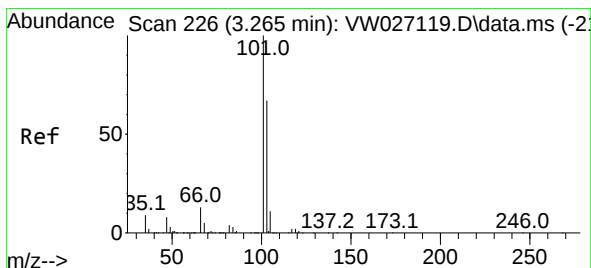
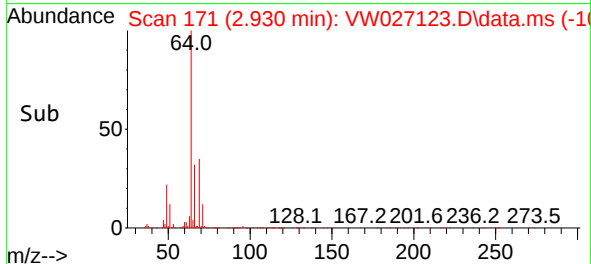
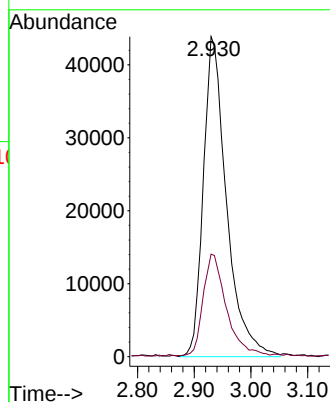
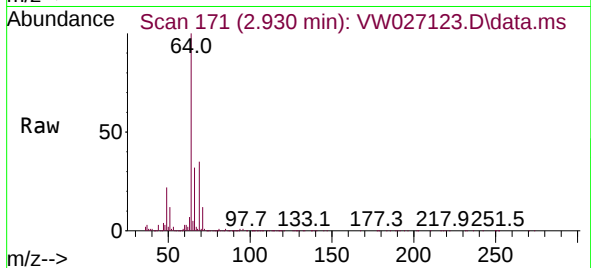




#8
Chloroethane
Concen: 25.493 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

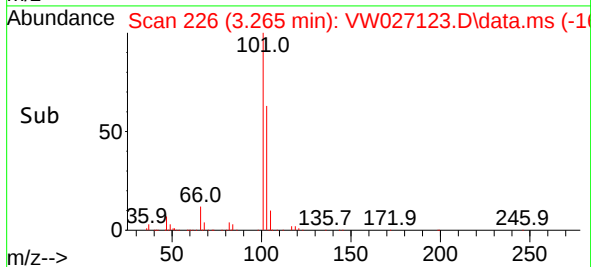
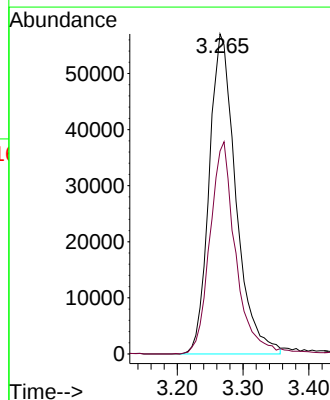
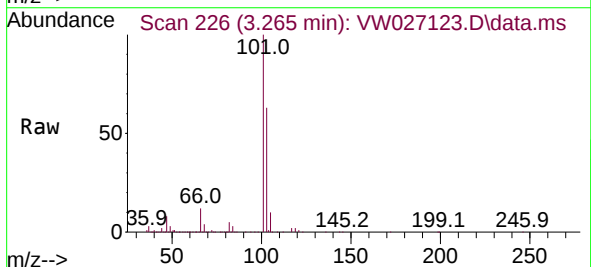
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ClientSampleId :

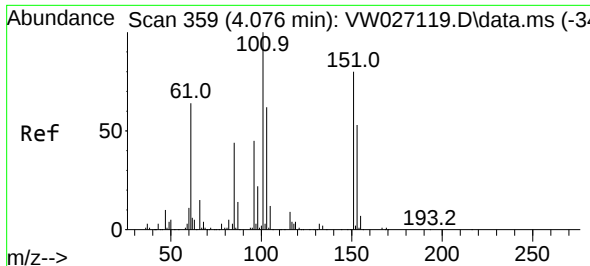
Tgt Ion: 64 Resp: 124487
Ion Ratio Lower Upper
64 100
66 32.0 21.3 39.6



#9
Trichlorofluoromethane
Concen: 24.745 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion:101 Resp: 160914
Ion Ratio Lower Upper
101 100
103 63.2 50.9 76.3

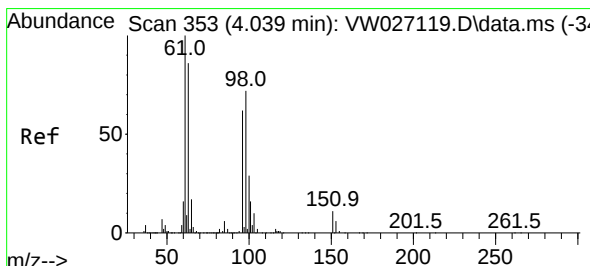
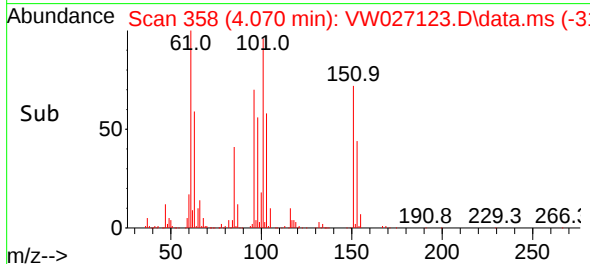
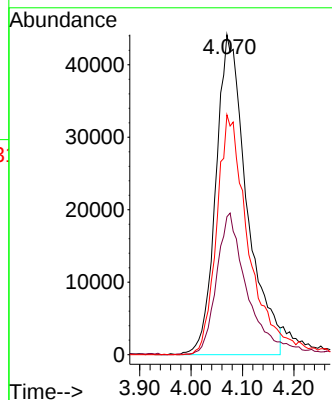
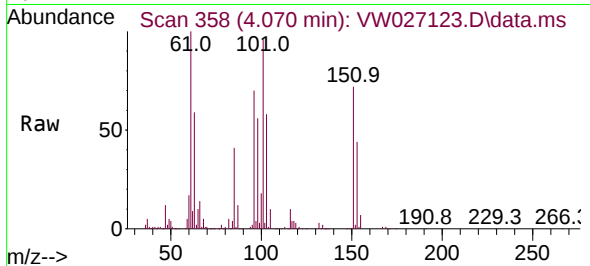




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.746 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027123.D
 Acq: 18 Sep 2023 13:05

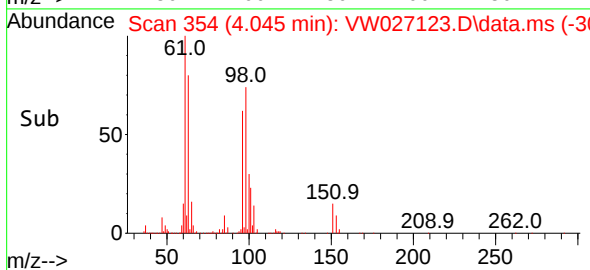
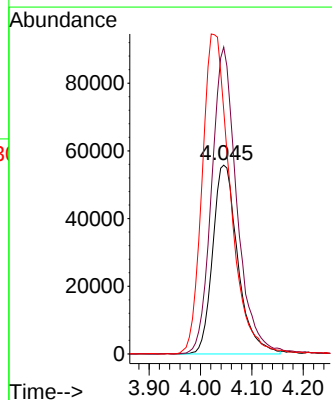
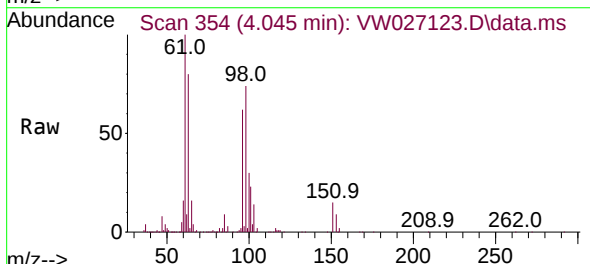
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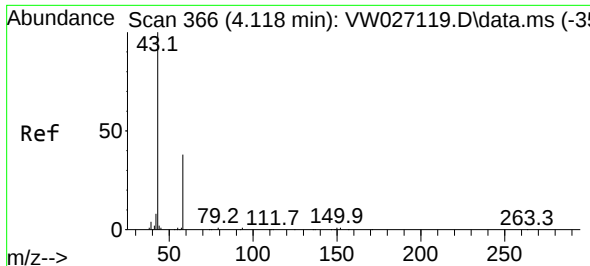
Tgt Ion:101 Resp: 185420
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.7 53.5
 151 76.0 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 25.791 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW027123.D
 Acq: 18 Sep 2023 13:05

Tgt Ion: 96 Resp: 189648
 Ion Ratio Lower Upper
 96 100
 61 162.5 112.5 208.9
 63 129.3 99.4 184.6

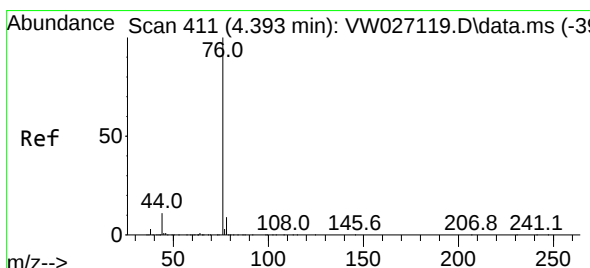
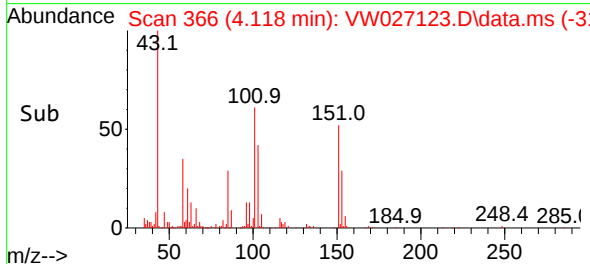
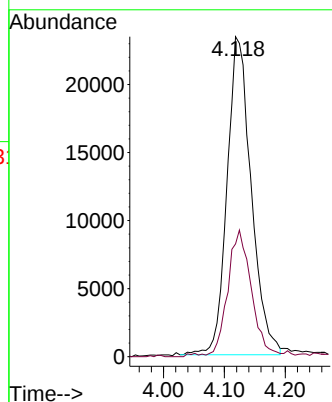
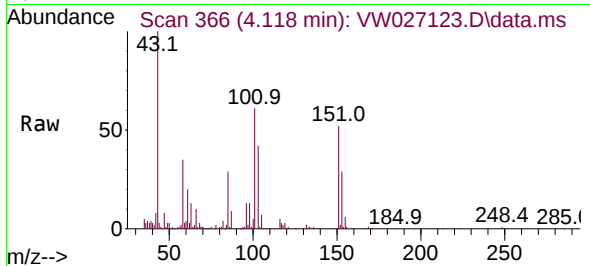




#13
Acetone
Concen: 45.459 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

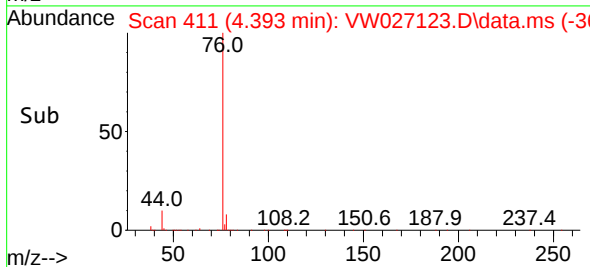
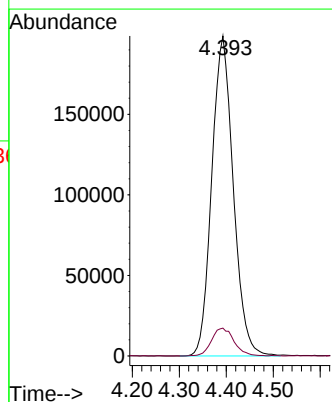
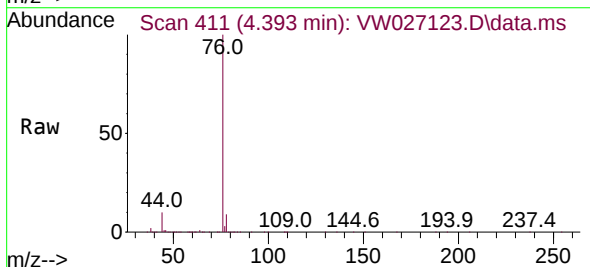
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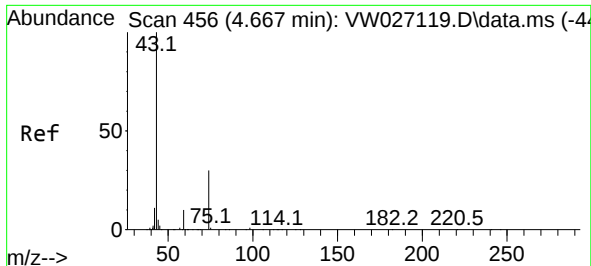
Tgt Ion: 43 Resp: 64510
Ion Ratio Lower Upper
43 100
58 38.5 0.0 77.4



#14
Carbon disulfide
Concen: 25.756 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 631343
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

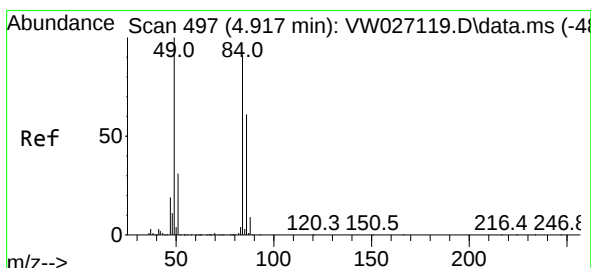
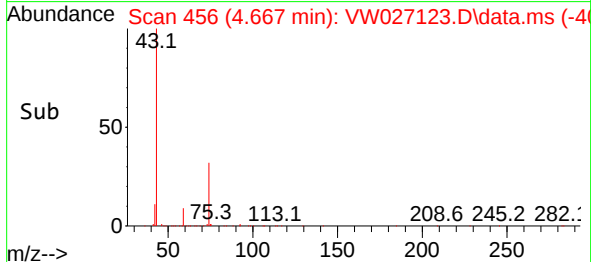
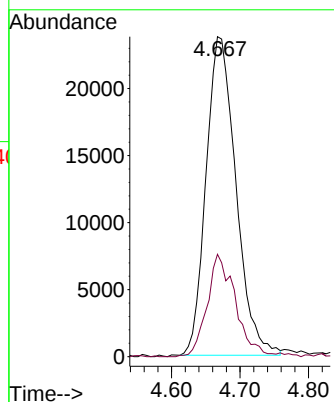
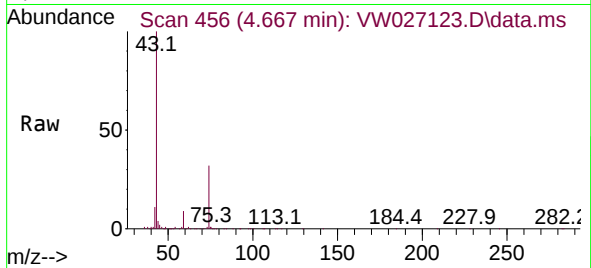




#15
Methyl Acetate
Concen: 25.747 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

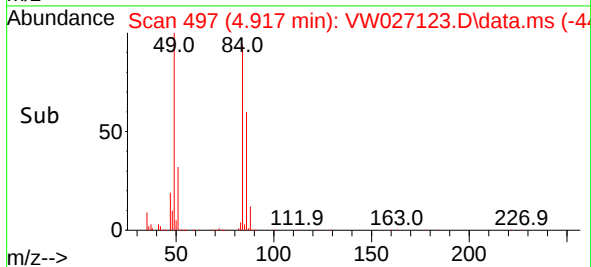
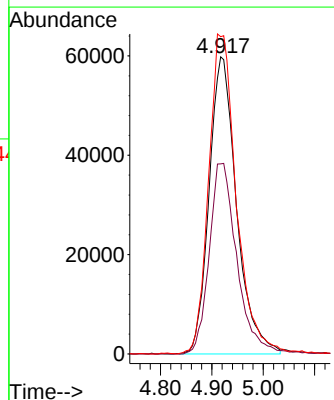
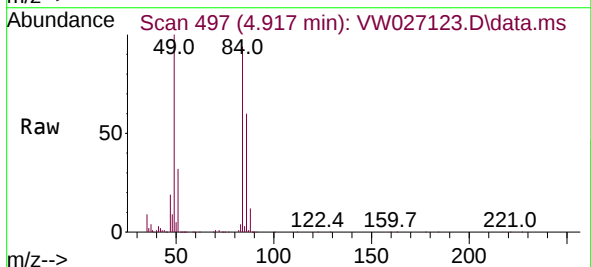
Instrument :
MSVOA_W
ClientSampleId :

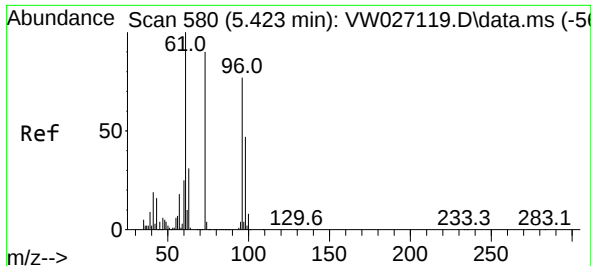
Tgt Ion: 43 Resp: 72087
Ion Ratio Lower Upper
43 100
74 30.4 23.2 34.8



#16
Methylene chloride
Concen: 23.144 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion: 84 Resp: 222005
Ion Ratio Lower Upper
84 100
86 64.0 46.7 86.7
49 106.8 77.1 143.1

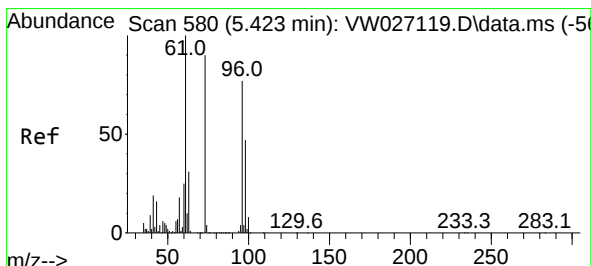
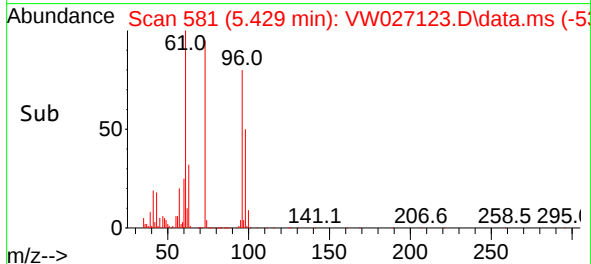
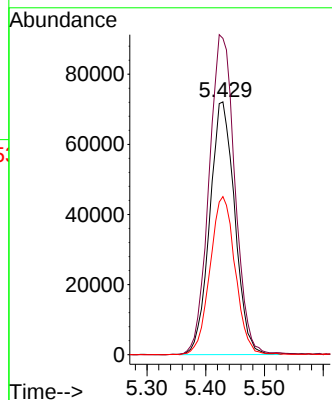
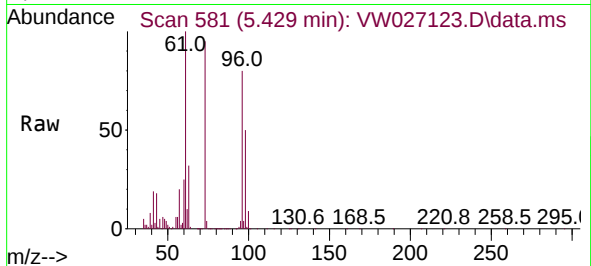




#17
trans-1,2-Dichloroethene
Concen: 26.736 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

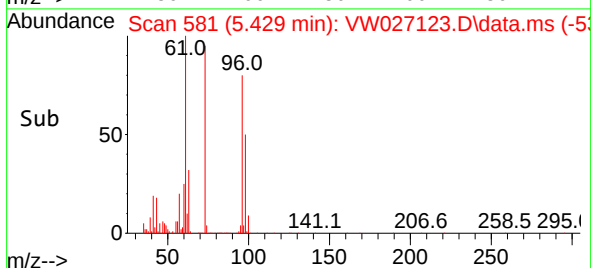
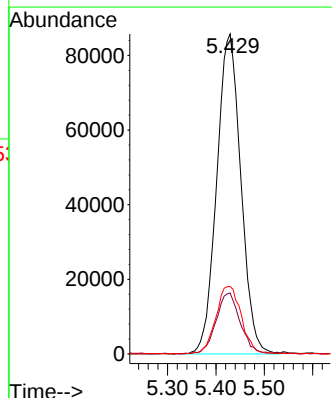
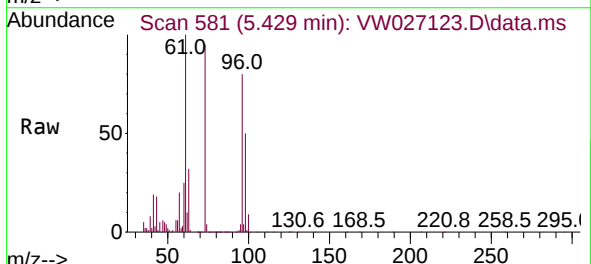
Instrument :
MSVOA_W
ClientSampleId :

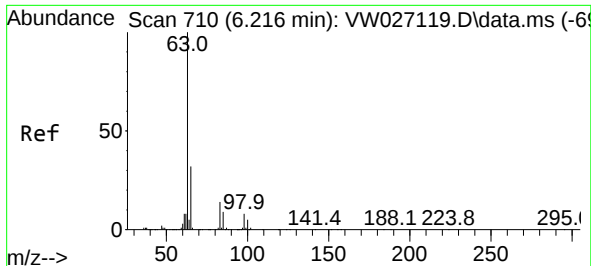
Tgt Ion: 96 Resp: 213338
Ion Ratio Lower Upper
96 100
61 125.1 91.2 169.4
98 62.5 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 28.060 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion: 73 Resp: 297506
Ion Ratio Lower Upper
73 100
43 18.8 15.2 22.8
57 22.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.682 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

ClientSampleId :

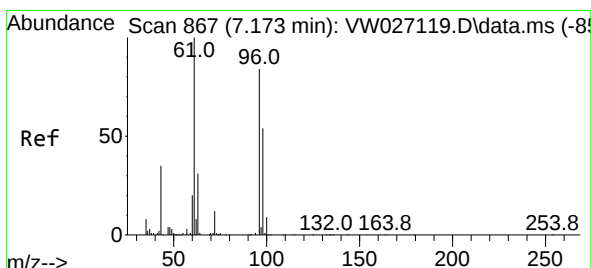
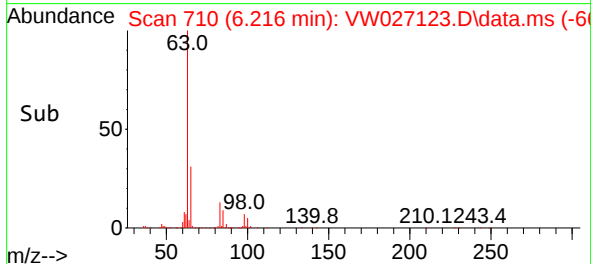
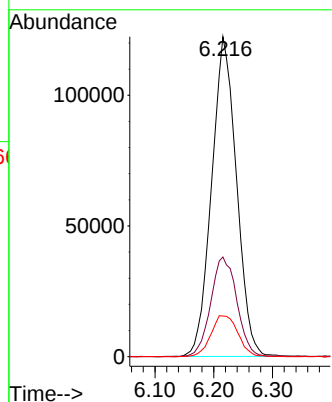
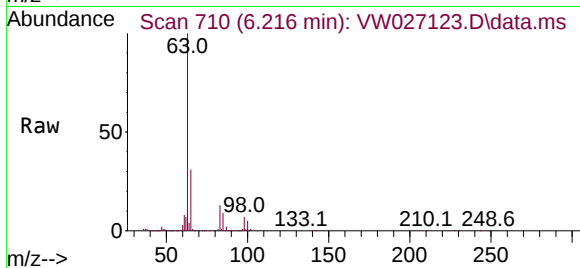
Tgt Ion: 63 Resp: 359373

Ion Ratio Lower Upper

63 100

65 31.2 22.6 42.0

83 12.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 27.110 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

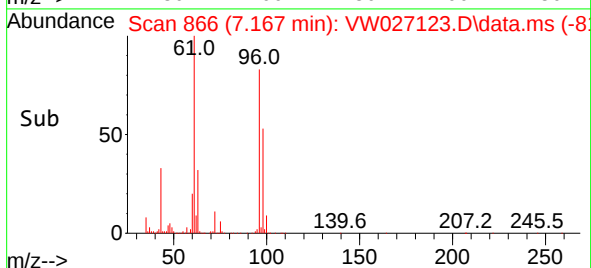
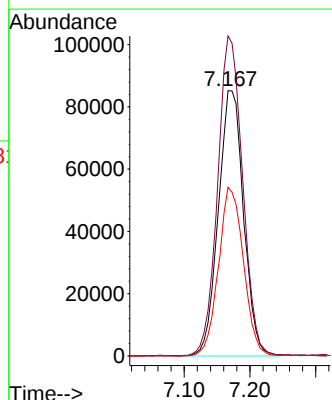
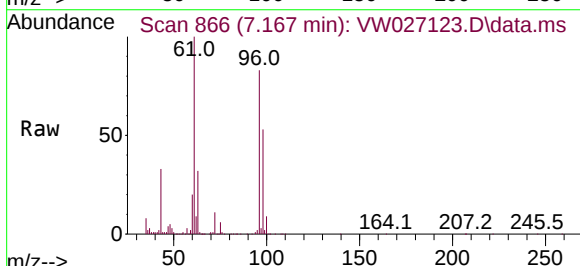
Tgt Ion: 96 Resp: 227518

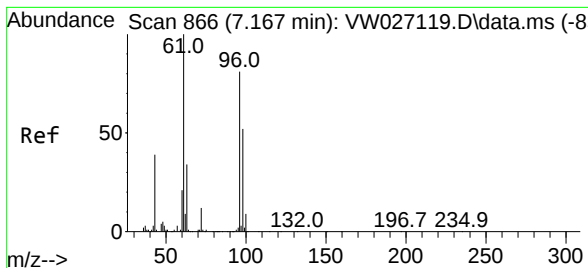
Ion Ratio Lower Upper

96 100

61 120.7 83.0 154.1

98 63.6 44.6 82.8





#22

2-Butanone

Concen: 48.538 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

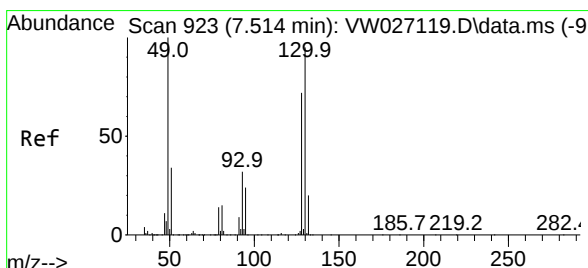
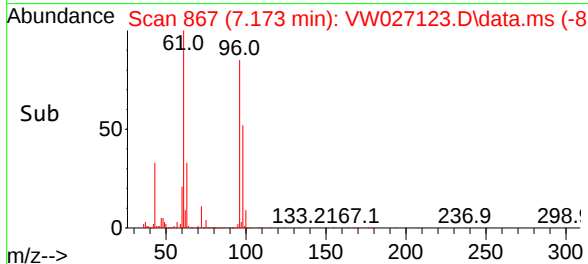
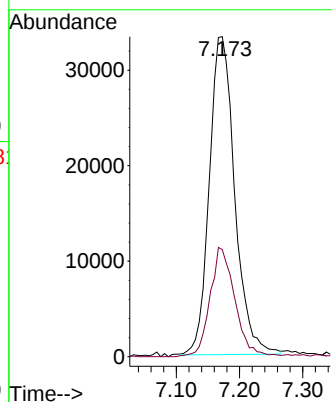
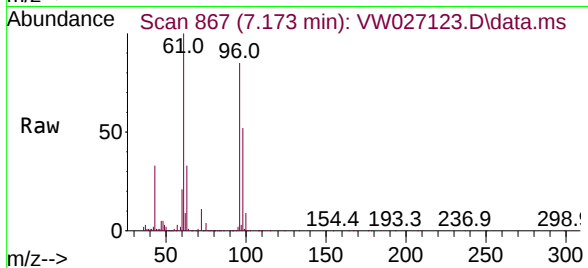
ClientSampleId :

Tgt Ion: 43 Resp: 93045

Ion Ratio Lower Upper

43 100

72 33.3 16.8 50.4



#23

Bromochloromethane

Concen: 25.393 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Tgt Ion: 128 Resp: 98113

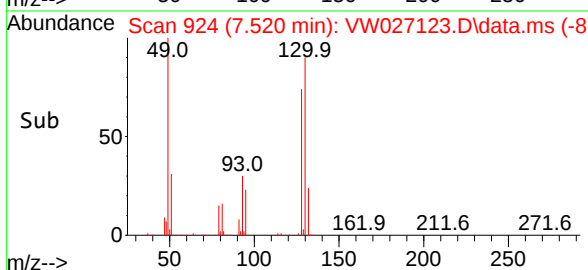
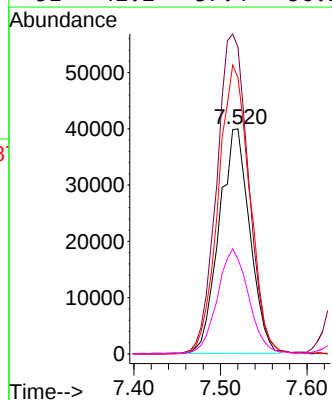
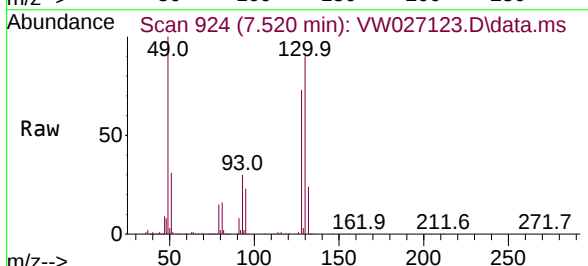
Ion Ratio Lower Upper

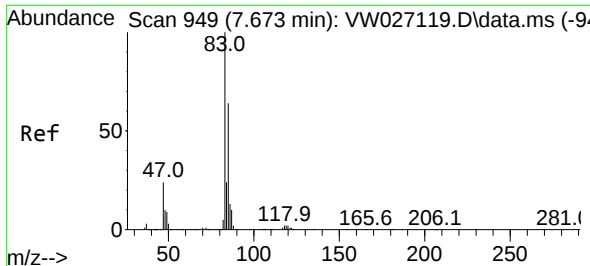
128 100

49 136.4 97.6 181.2

130 122.8 92.8 172.4

51 42.2 37.4 56.2

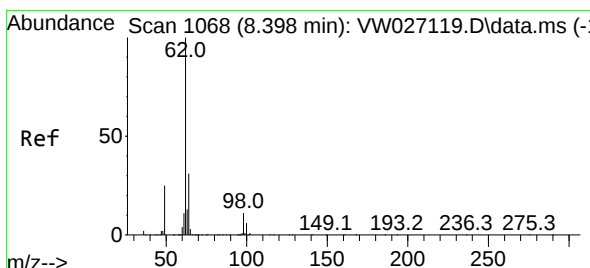
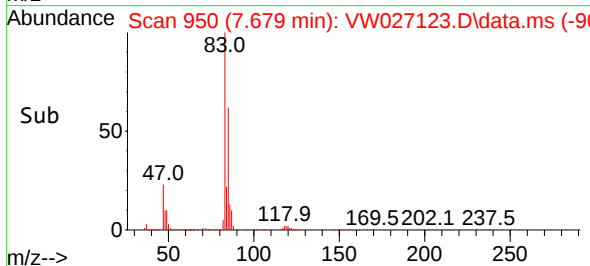
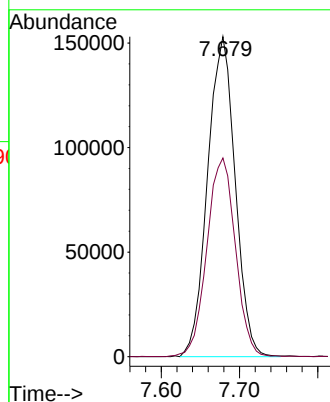
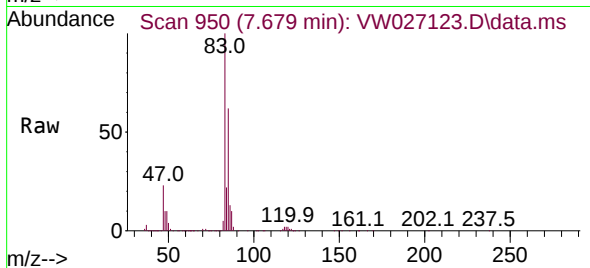




#25
Chloroform
Concen: 26.083 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

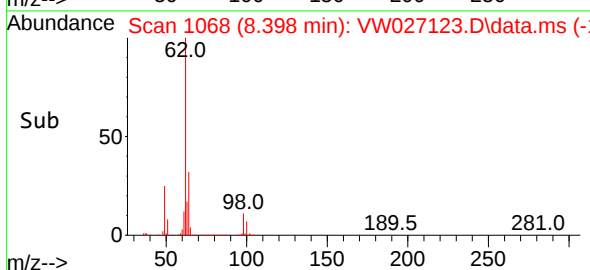
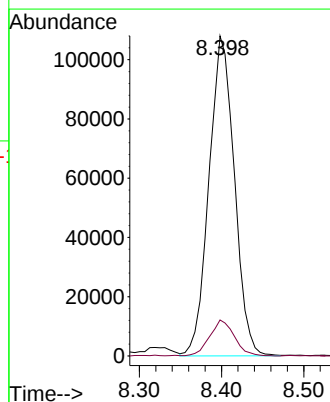
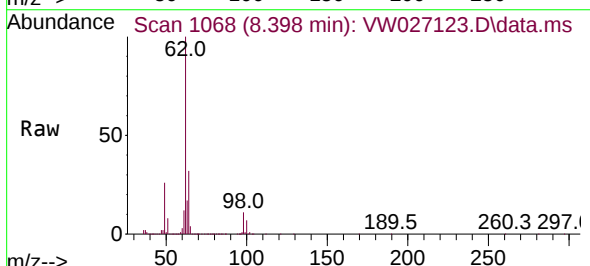
Instrument :
MSVOA_W
ClientSampleId :

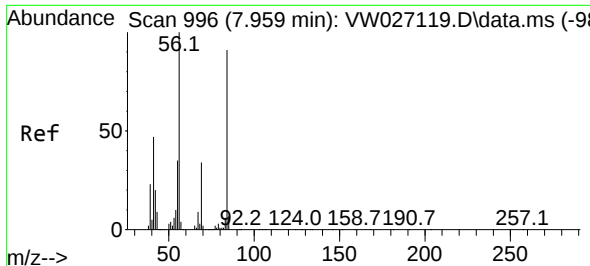
Tgt Ion: 83 Resp: 374834
Ion Ratio Lower Upper
83 100
85 62.1 44.9 83.5



#27
1,2-Dichloroethane
Concen: 26.635 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion: 62 Resp: 231945
Ion Ratio Lower Upper
62 100
98 11.2 8.4 12.6





#29

Cyclohexane

Concen: 26.607 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

ClientSampleId :

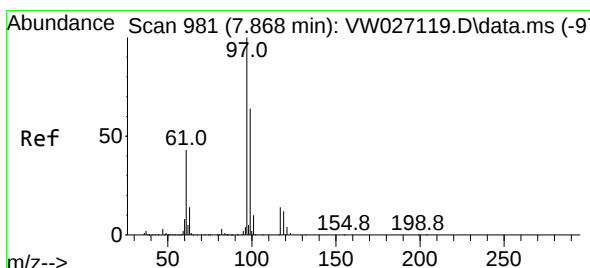
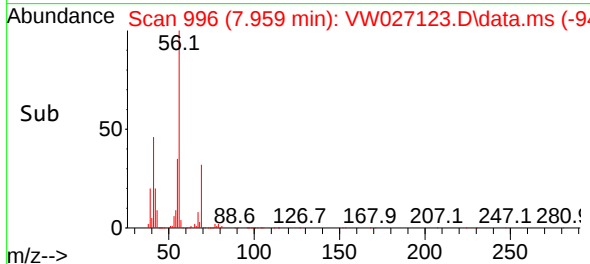
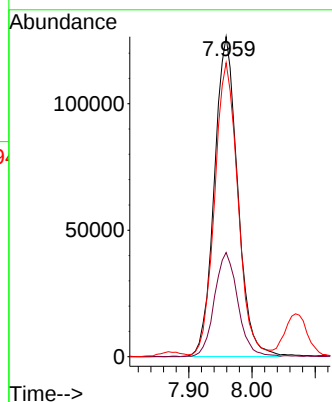
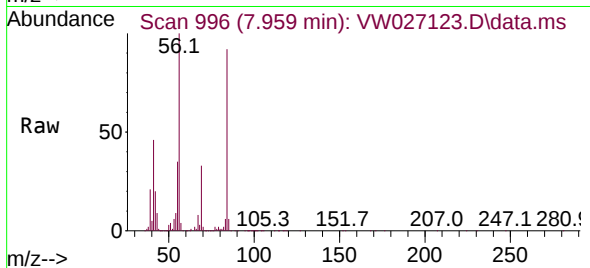
Tgt Ion: 56 Resp: 323002

Ion Ratio Lower Upper

56 100

69 32.7 26.5 39.7

84 92.2 74.4 111.6



#30

1,1,1-Trichloroethane

Concen: 24.724 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

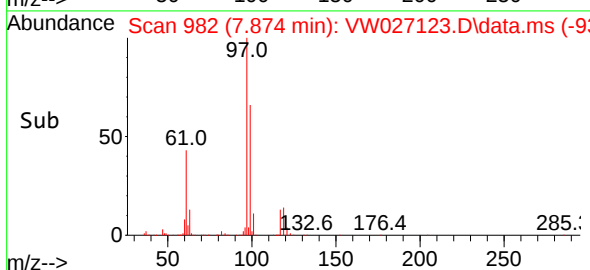
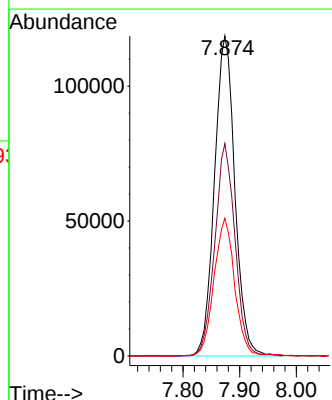
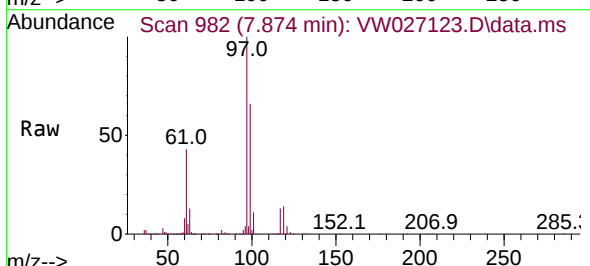
Tgt Ion: 97 Resp: 296355

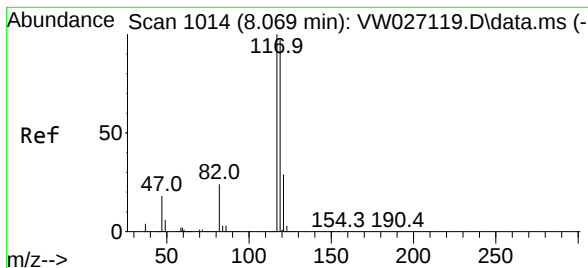
Ion Ratio Lower Upper

97 100

99 65.5 50.6 75.8

61 43.4 34.1 51.1





#31

Carbon tetrachloride

Concen: 25.859 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

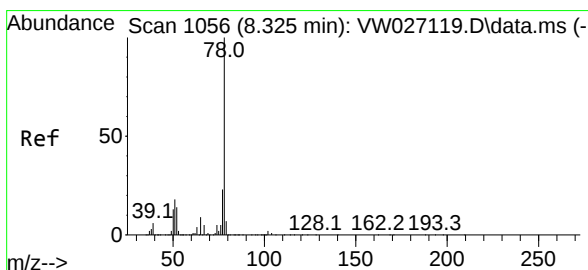
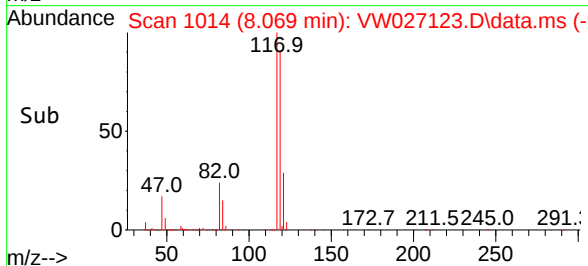
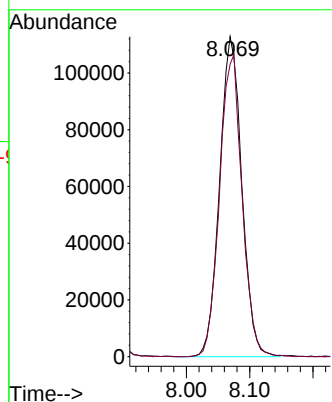
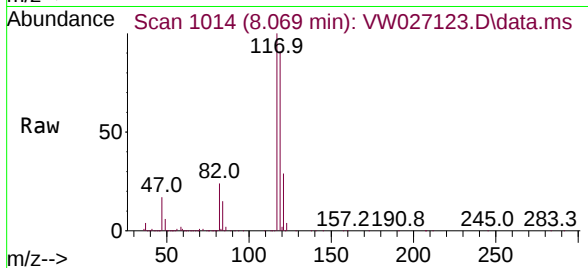
ClientSampleId :

Tgt Ion:117 Resp: 274679

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0



#33

Benzene

Concen: 26.169 ug/L

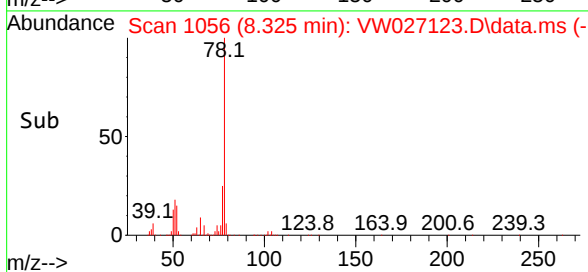
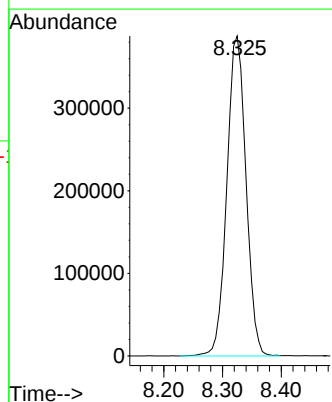
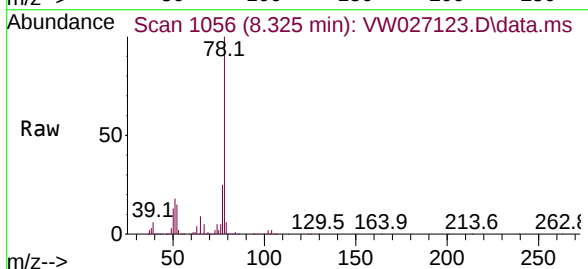
RT: 8.325 min Scan# 1056

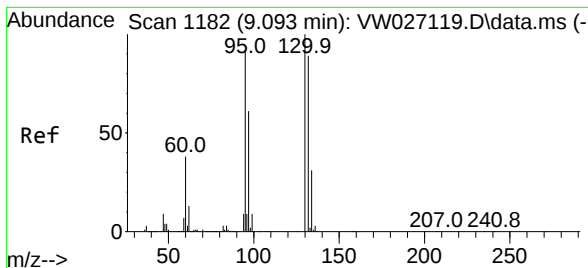
Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Tgt Ion: 78 Resp: 876607





#34

Trichloroethene

Concen: 24.706 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

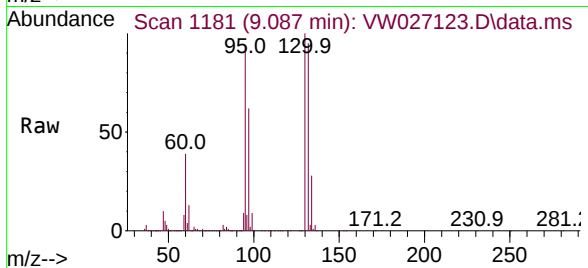
Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 218716

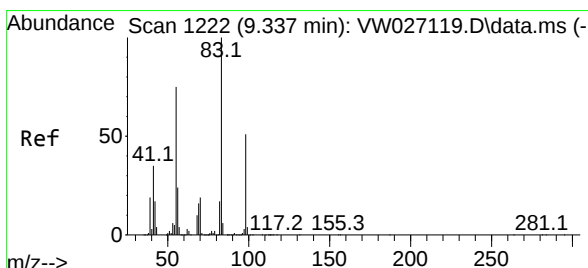
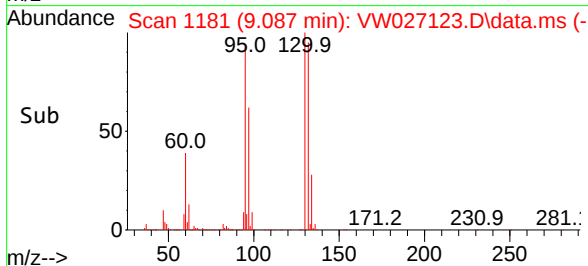
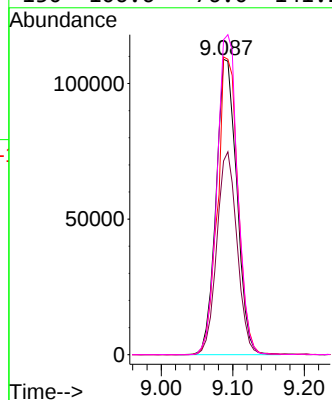
Ion Ratio Lower Upper

95 100

97 65.6 46.1 85.7

132 100.9 67.9 126.1

130 106.6 76.0 141.2



#35

Methylcyclohexane

Concen: 26.072 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

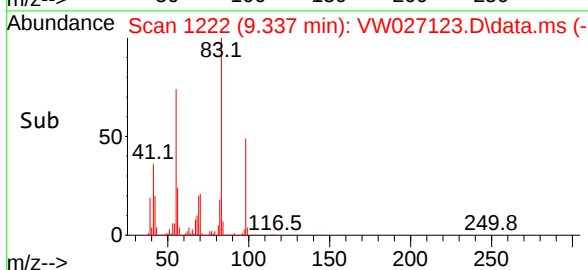
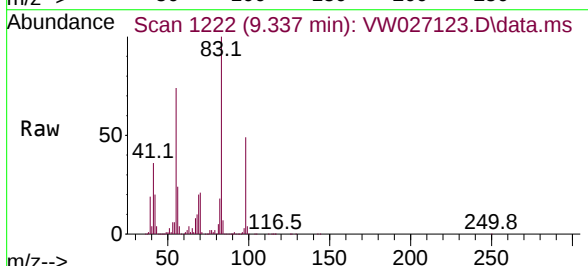
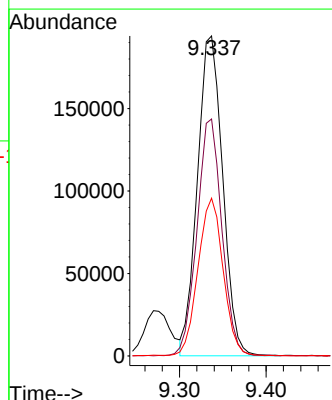
Tgt Ion: 83 Resp: 393688

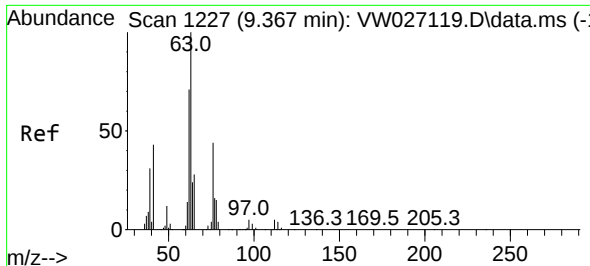
Ion Ratio Lower Upper

83 100

55 72.8 58.0 87.0

98 48.8 38.5 57.7





#37

1,2-Dichloropropane

Concen: 25.398 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

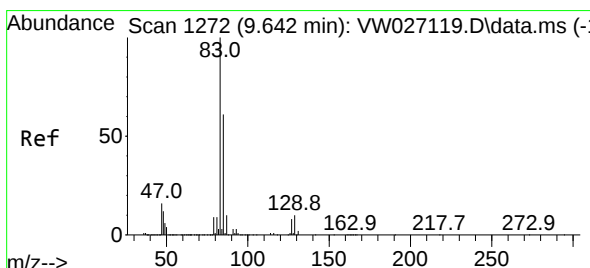
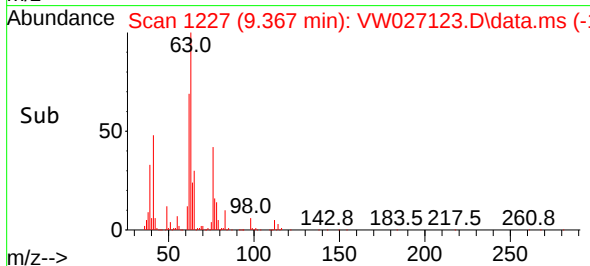
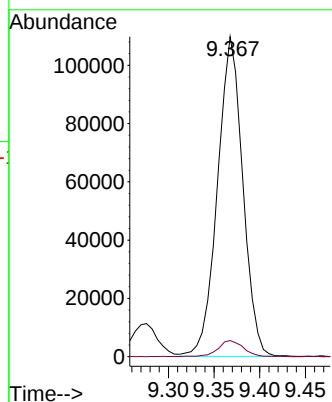
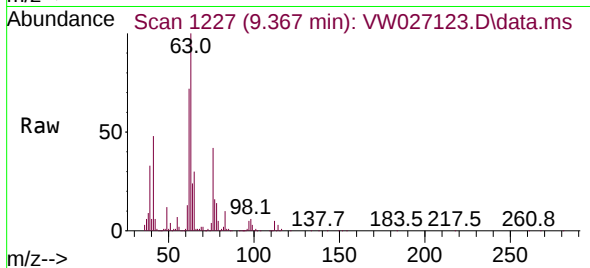
ClientSampleId :

Tgt Ion: 63 Resp: 211284

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 25.837 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

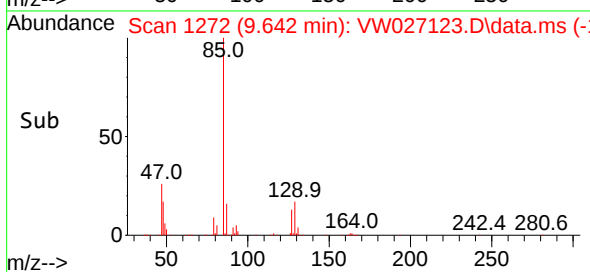
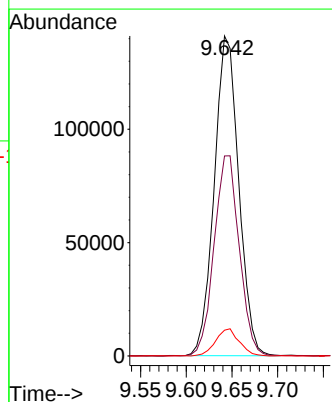
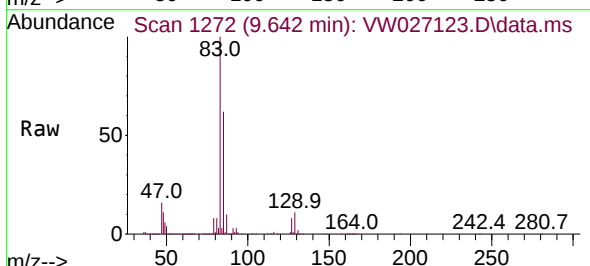
Tgt Ion: 83 Resp: 262846

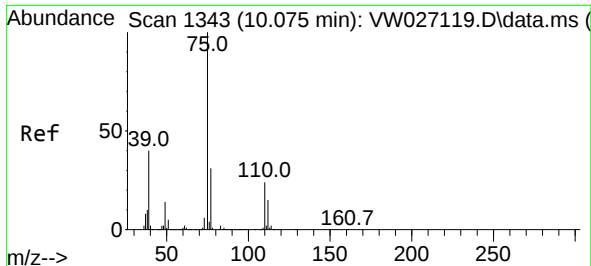
Ion Ratio Lower Upper

83 100

85 62.5 42.8 79.4

127 8.0 6.3 9.5

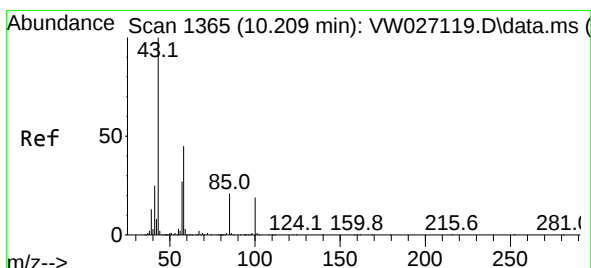
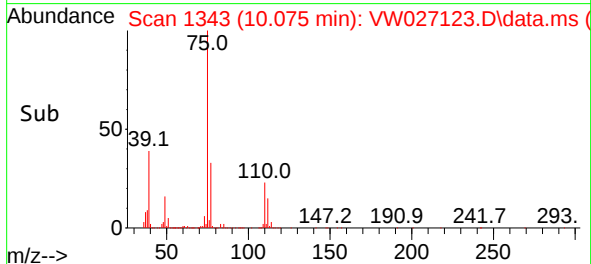
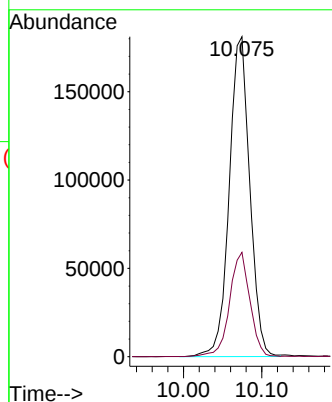
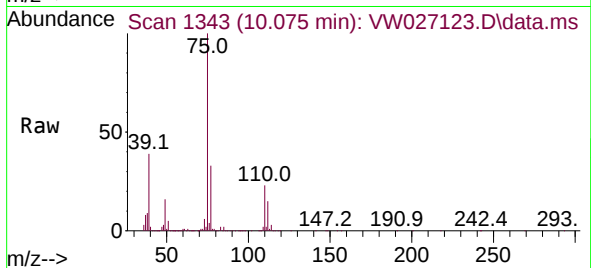




#39
cis-1,3-Dichloropropene
Concen: 26.456 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

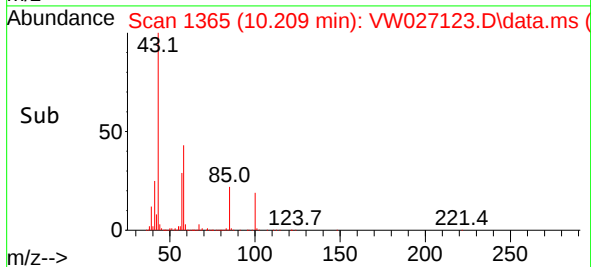
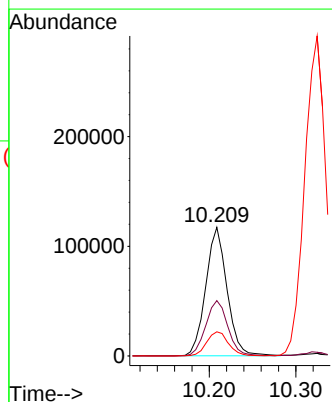
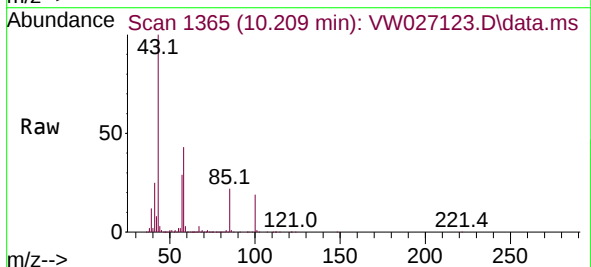
Instrument :
MSVOA_W
ClientSampleId :

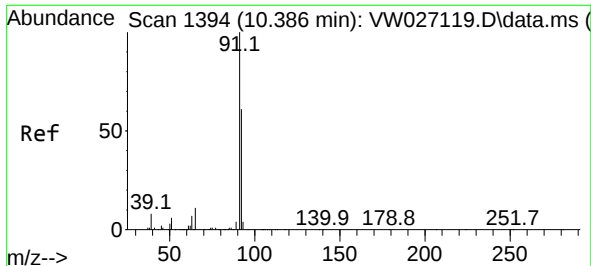
Tgt Ion: 75 Resp: 329674
Ion Ratio Lower Upper
75 100
77 32.6 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 53.682 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion: 43 Resp: 200282
Ion Ratio Lower Upper
43 100
58 44.8 35.4 53.2
100 19.4 15.2 22.8

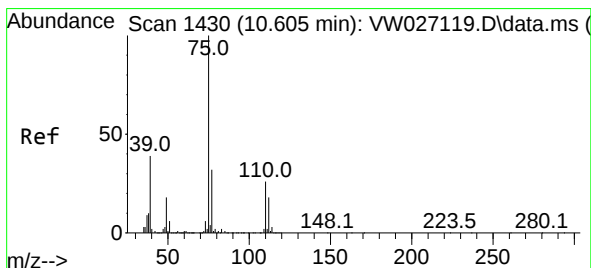
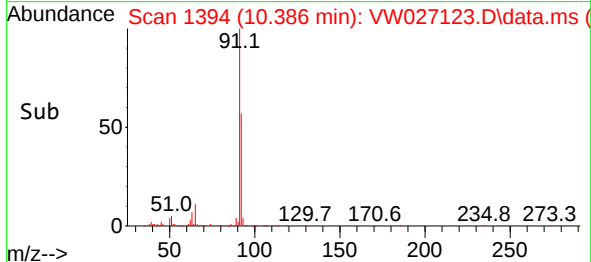
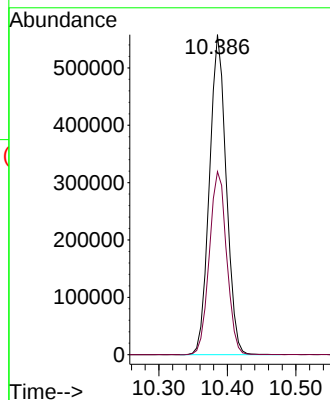
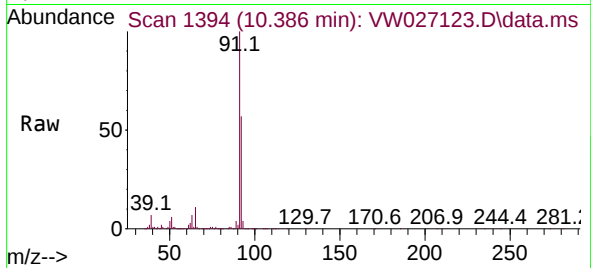




#42
Toluene
Concen: 26.854 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

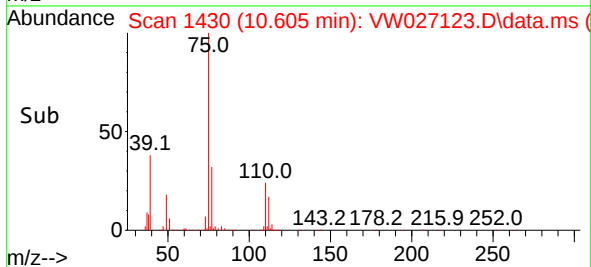
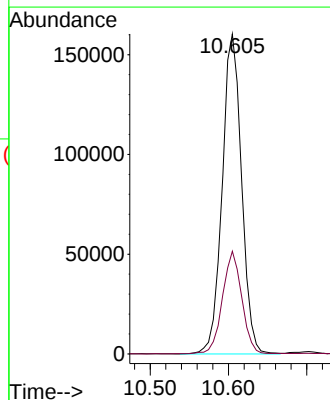
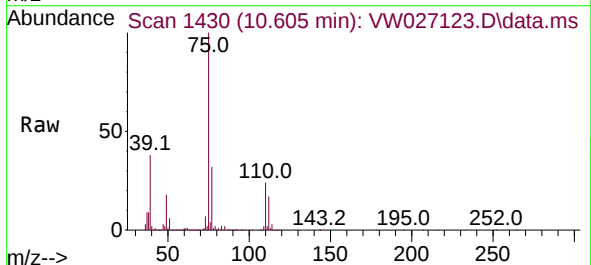
Instrument :
MSVOA_W
ClientSampleId :

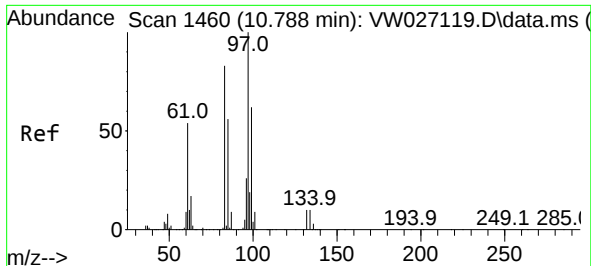
Tgt Ion: 91 Resp: 950550
Ion Ratio Lower Upper
91 100
92 57.2 42.7 79.3



#44
trans-1,3-Dichloropropene
Concen: 26.381 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion: 75 Resp: 275883
Ion Ratio Lower Upper
75 100
77 32.1 22.6 42.0

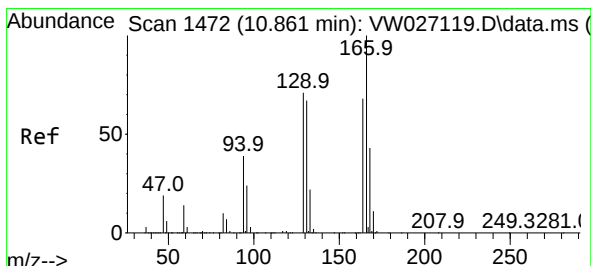
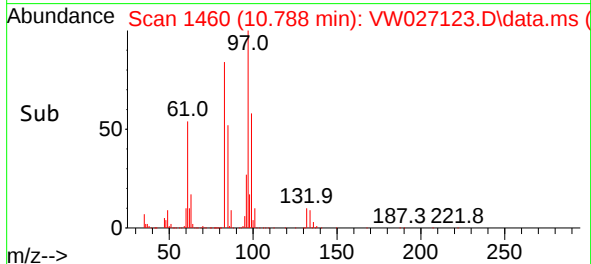
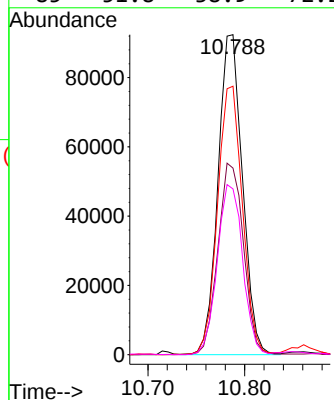
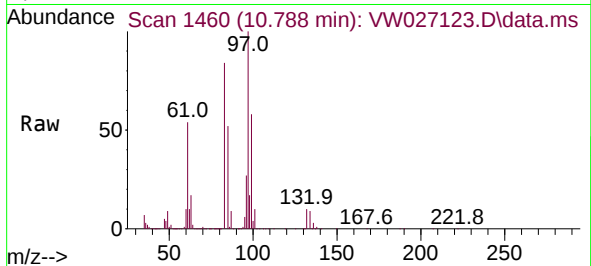




#45
1,1,2-Trichloroethane
Concen: 25.374 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

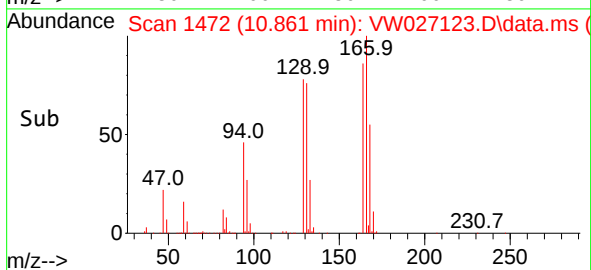
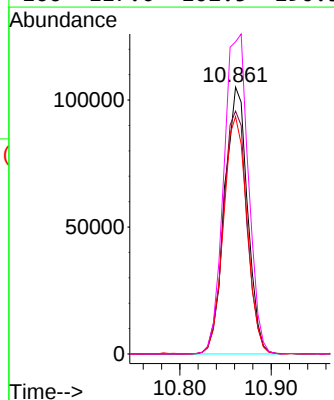
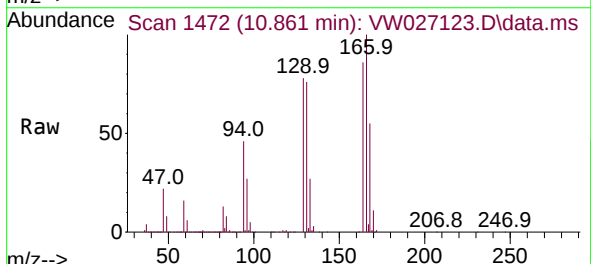
Instrument :
MSVOA_W
ClientSampleId :

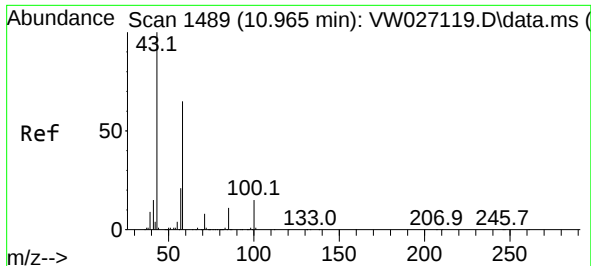
Tgt Ion: 97	Resp: 162415
Ion Ratio	Lower Upper
97 100	
99 58.3	43.3 80.5
83 83.9	58.0 107.8
85 51.8	38.9 72.2



#46
Tetrachloroethene
Concen: 24.652 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt	Ion:164	Resp:	183944
Ion	Ratio	Lower	Upper
164	100		
129	91.0	72.9	135.3
131	88.9	68.7	127.7
166	117.0	102.5	190.3

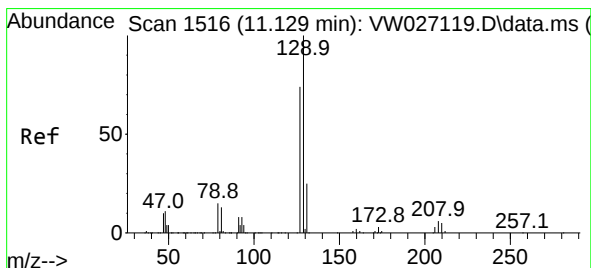
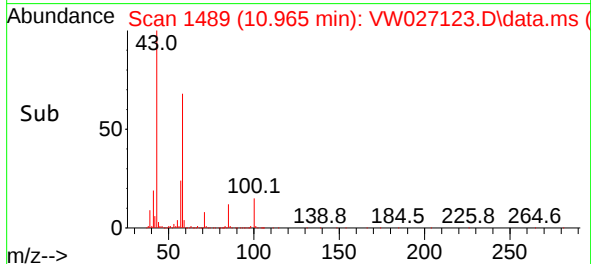
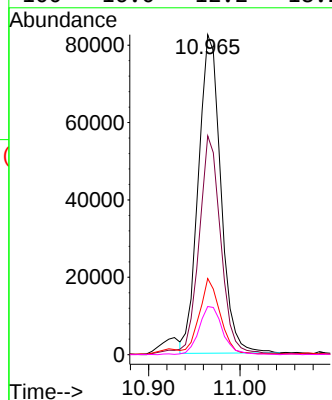
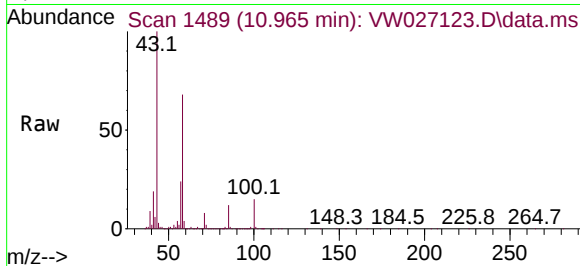




#48
2-Hexanone
Concen: 52.076 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

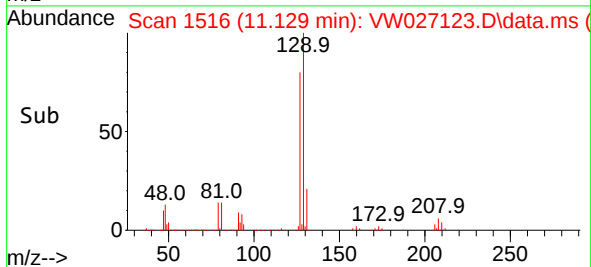
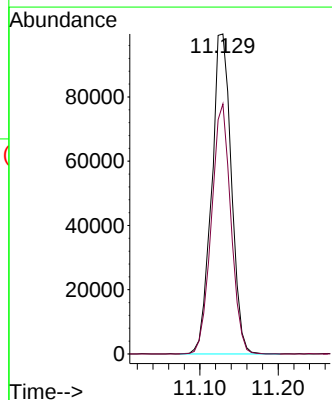
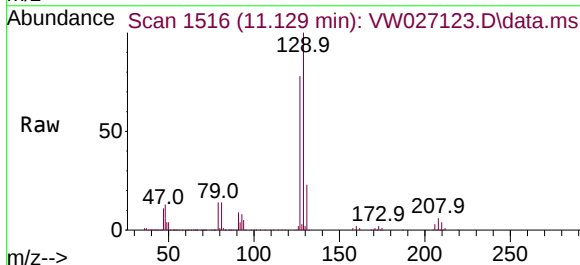
Instrument :
MSVOA_W
ClientSampleId :

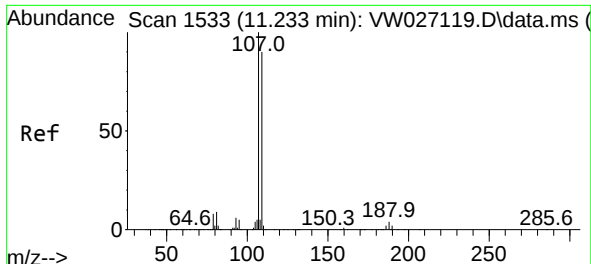
Tgt Ion: 43	Resp: 140114
Ion Ratio	Lower Upper
43 100	
58 66.7	51.4 77.0
57 22.5	17.2 25.8
100 16.0	12.2 18.2



#49
Dibromochloromethane
Concen: 26.055 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion:129	Resp: 174536		
Ion Ratio	Lower	Upper	
129 100			
127 78.2	51.9	96.5	





#50

1,2-Dibromoethane

Concen: 25.866 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027123.D

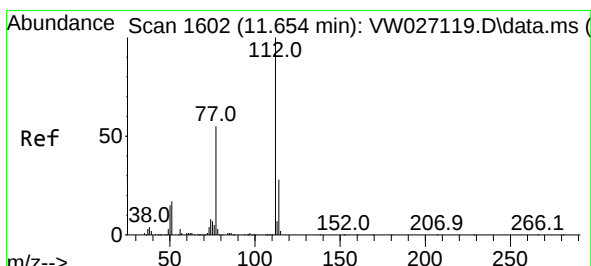
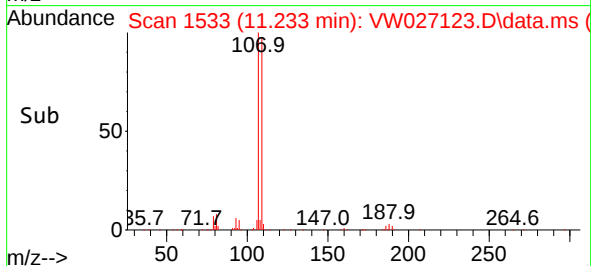
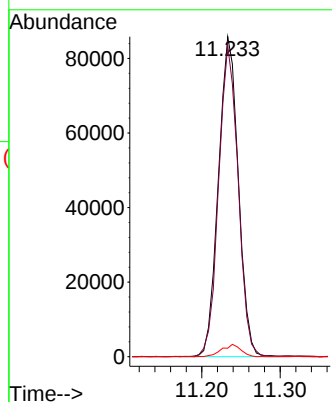
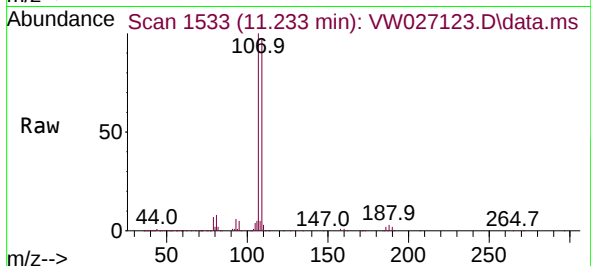
Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	151949
Ion	Ratio	Lower	Upper
107	100		
109	97.3	63.3	117.5
188	2.7	3.1	4.7#



#51

Chlorobenzene

Concen: 25.723 ug/L

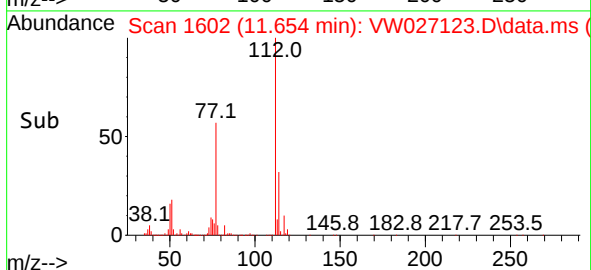
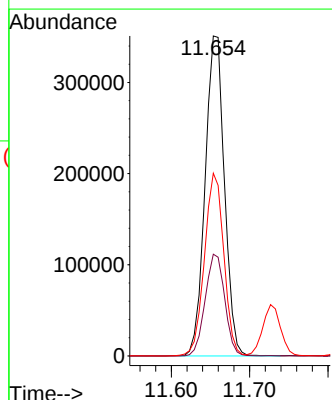
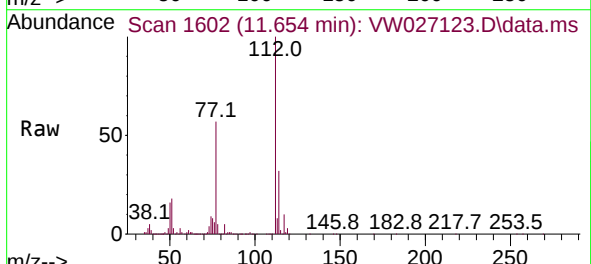
RT: 11.654 min Scan# 1602

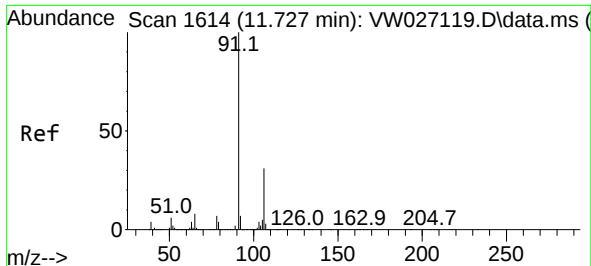
Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Tgt Ion:	112	Resp:	600892
Ion	Ratio	Lower	Upper
112	100		
114	31.8	19.7	36.7
77	57.1	44.5	66.7

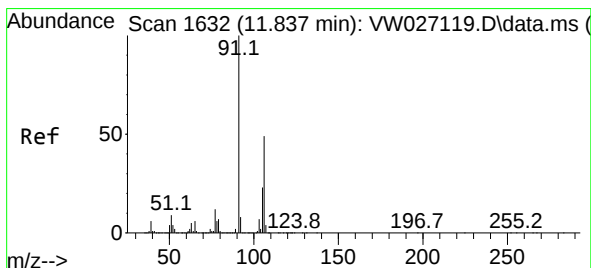
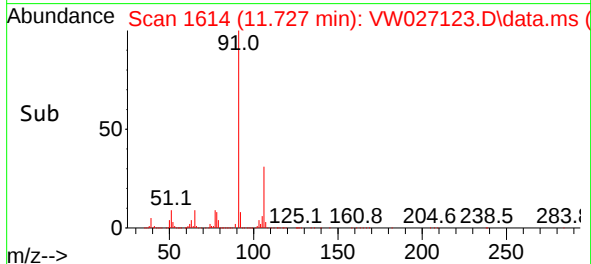
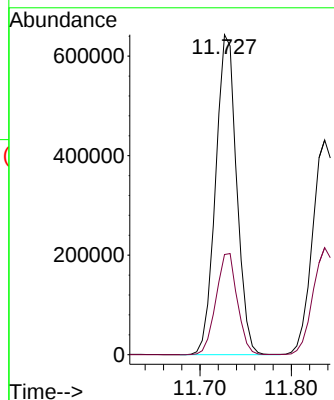
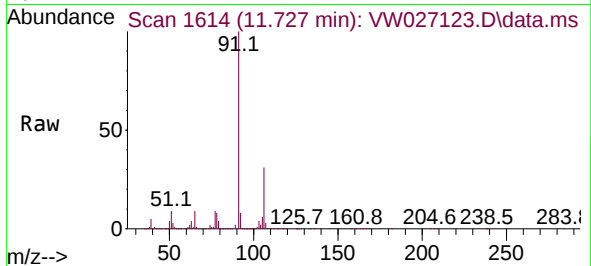




#52
Ethylbenzene
Concen: 26.510 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

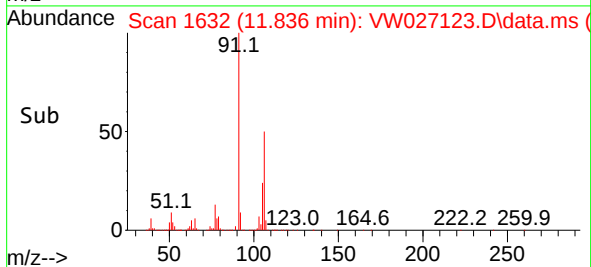
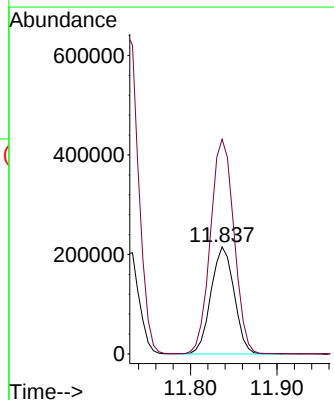
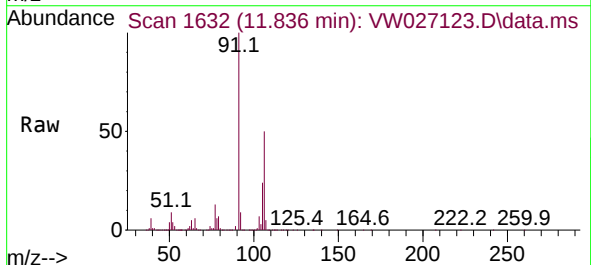
Instrument :
MSVOA_W
ClientSampleId :

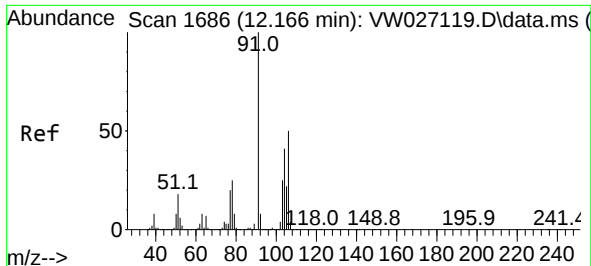
Tgt Ion: 91 Resp: 1029168
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.4



#53
m,p-Xylene
Concen: 26.901 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion:106 Resp: 400507
Ion Ratio Lower Upper
106 100
91 200.4 142.7 265.1

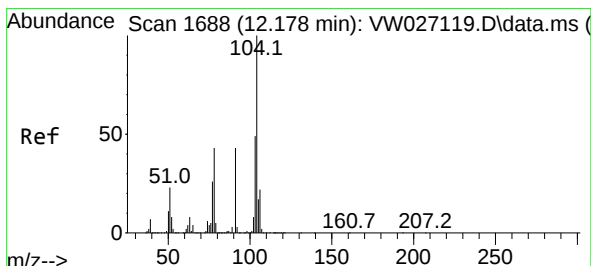
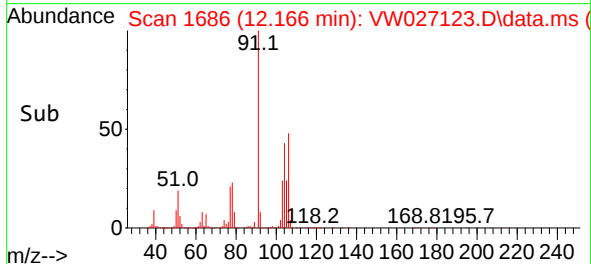
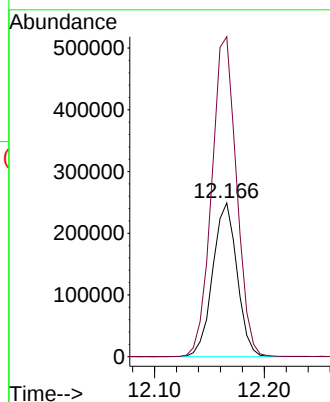
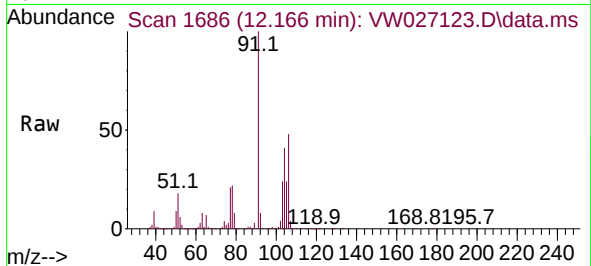




#54
o-Xylene
Concen: 27.041 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

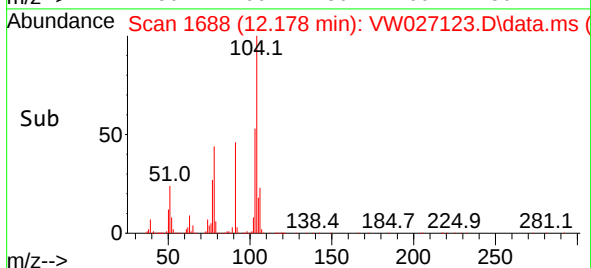
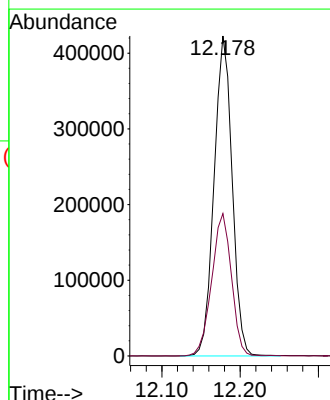
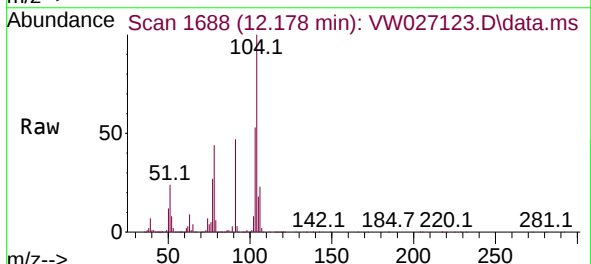
Instrument :
MSVOA_W
ClientSampleId :

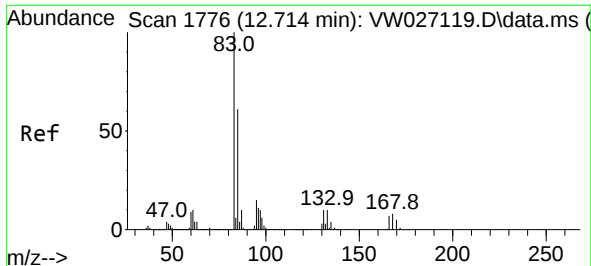
Tgt Ion:106 Resp: 383532
Ion Ratio Lower Upper
106 100
91 208.1 140.6 261.0



#55
Styrene
Concen: 27.943 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion:104 Resp: 679096
Ion Ratio Lower Upper
104 100
78 44.5 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.683 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW027123.D

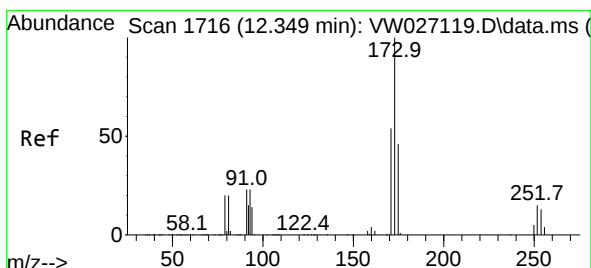
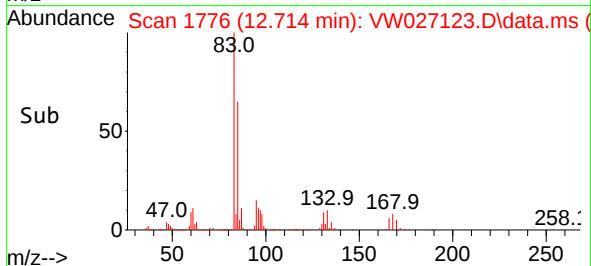
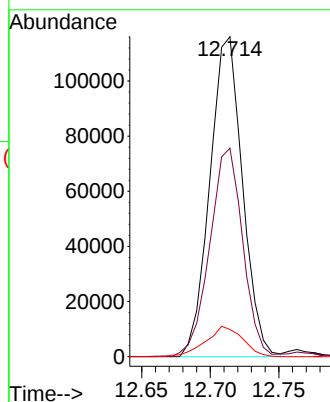
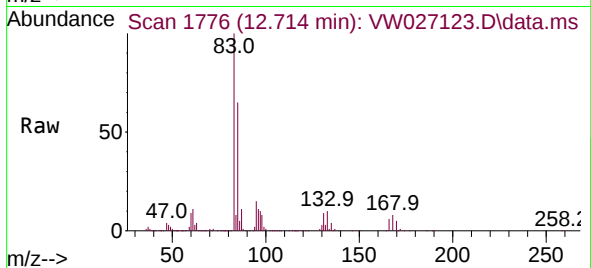
Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 192611
Ion Ratio	Lower Upper
83 100	
85 65.2	42.5 78.9
131 8.5	7.8 11.8



#59

Bromoform

Concen: 24.696 ug/L

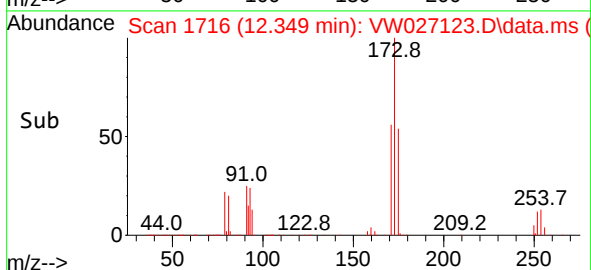
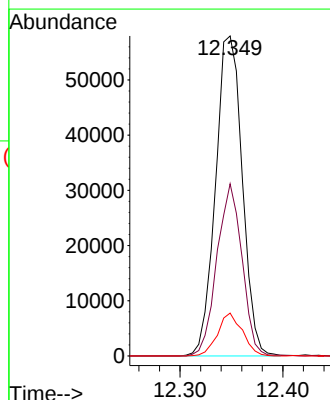
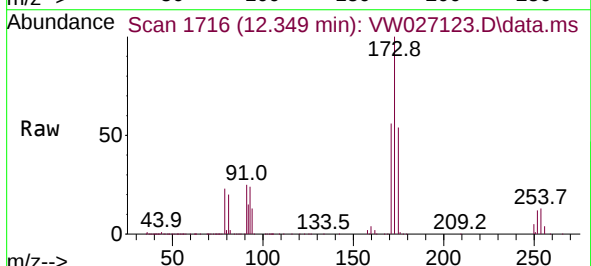
RT: 12.349 min Scan# 1716

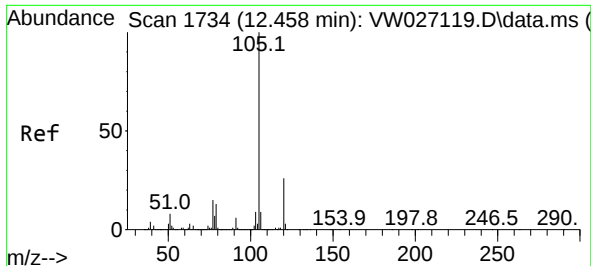
Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

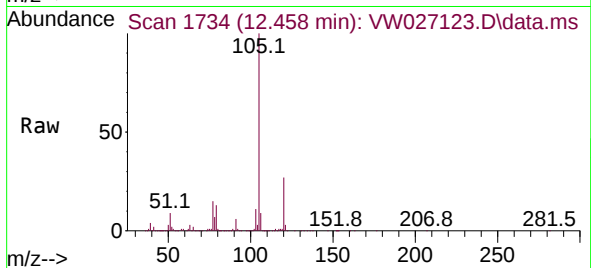
Tgt Ion: 173	Resp: 104733
Ion Ratio	Lower Upper
173 100	
175 50.3	36.6 55.0
254 12.4	10.0 15.0



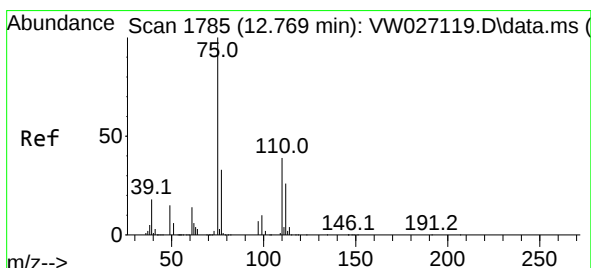
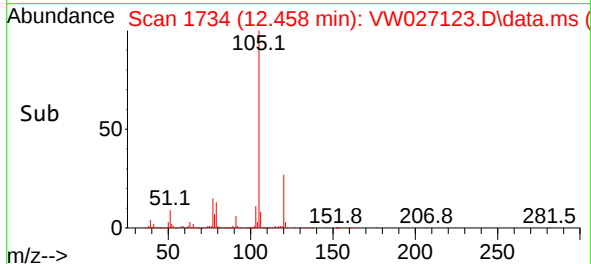
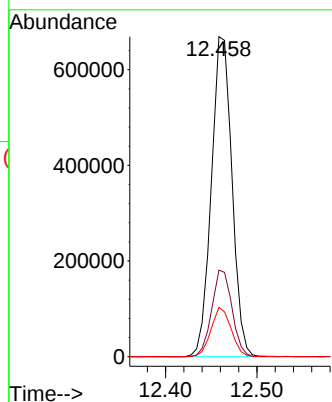


#60
Isopropylbenzene
Concen: 26.698 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Instrument :
MSVOA_W
ClientSampleId :

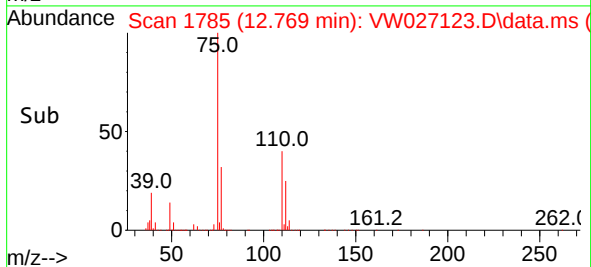
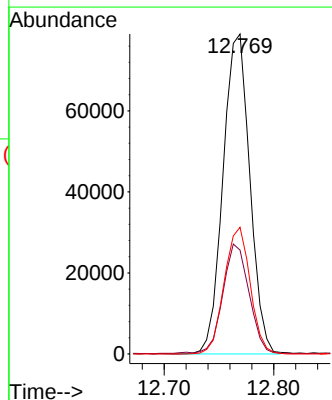
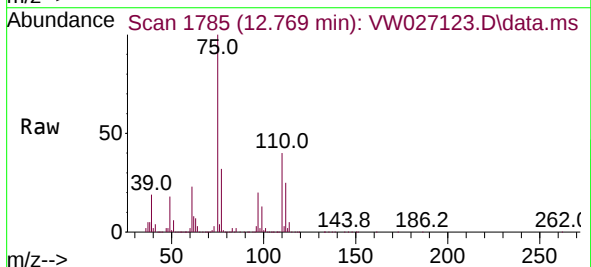


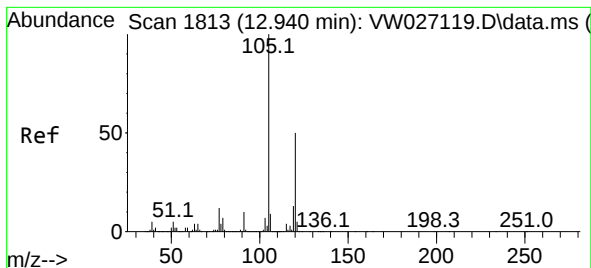
Tgt Ion:105 Resp: 1047079
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.4
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 24.571 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion: 75 Resp: 134147
Ion Ratio Lower Upper
75 100
77 33.5 26.0 39.0
110 38.3 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 27.736 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

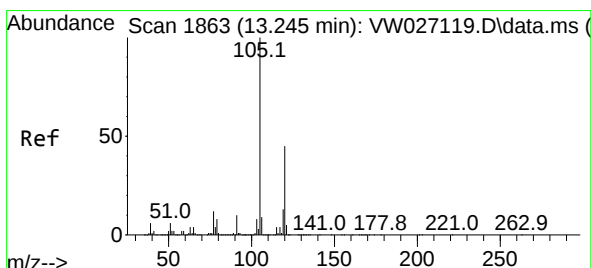
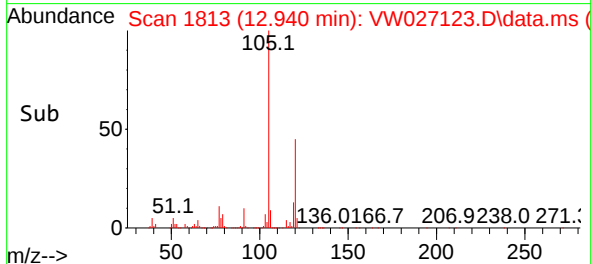
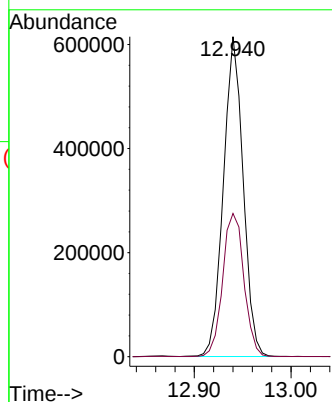
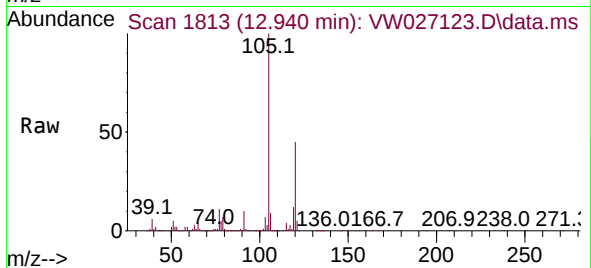
ClientSampleId :

Tgt Ion:105 Resp: 870520

Ion Ratio Lower Upper

105 100

120 48.1 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 27.847 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027123.D

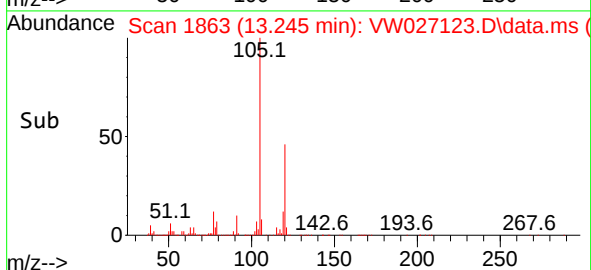
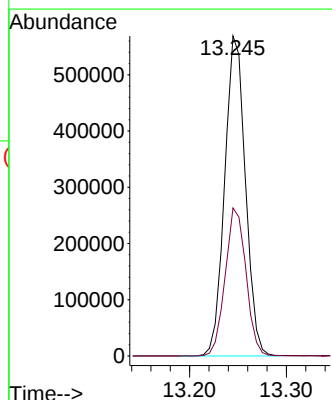
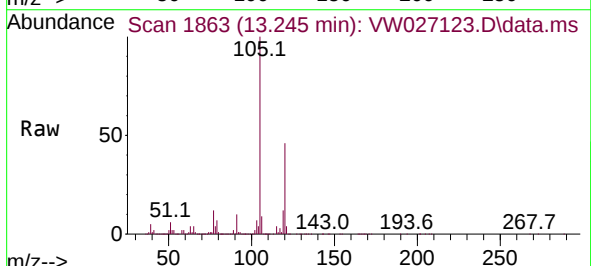
Acq: 18 Sep 2023 13:05

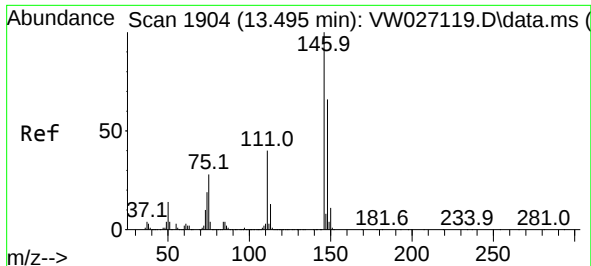
Tgt Ion:105 Resp: 846863

Ion Ratio Lower Upper

105 100

120 46.3 36.2 54.2

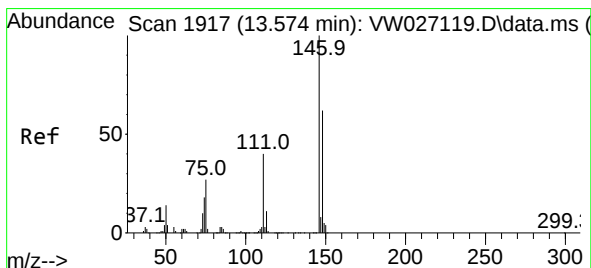
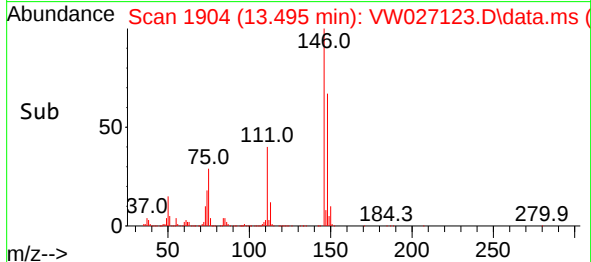
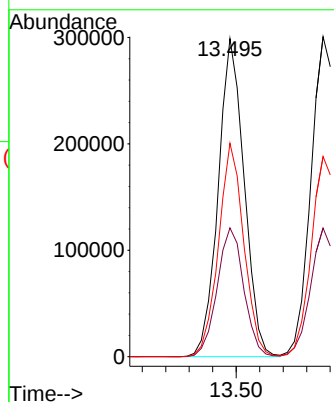
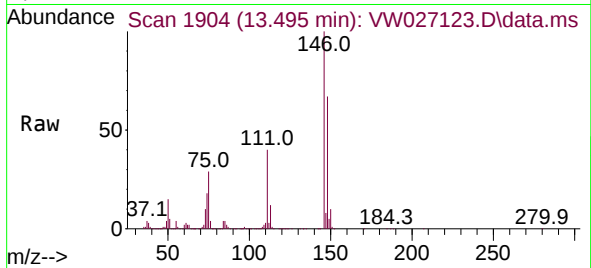




#64
1,3-Dichlorobenzene
Concen: 24.735 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

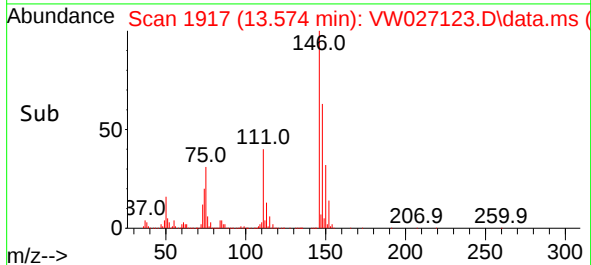
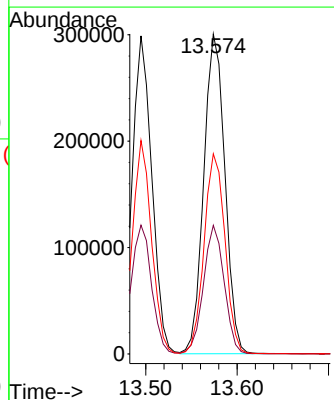
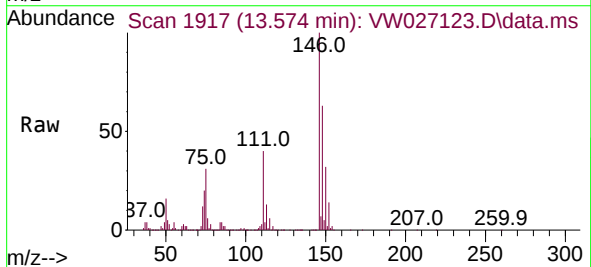
Instrument :
MSVOA_W
ClientSampleId :

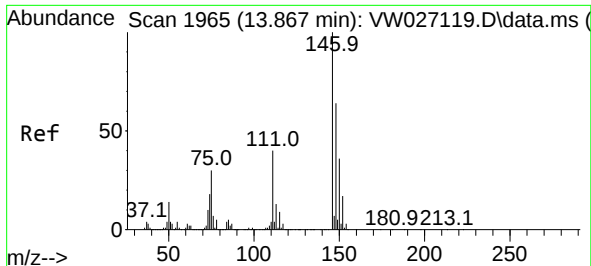
Tgt Ion:146 Resp: 458742
Ion Ratio Lower Upper
146 100
111 40.5 27.6 51.4
148 67.1 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 25.031 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027123.D
Acq: 18 Sep 2023 13:05

Tgt Ion:146 Resp: 482480
Ion Ratio Lower Upper
146 100
111 40.2 28.1 52.1
148 62.5 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 25.367 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

ClientSampleId :

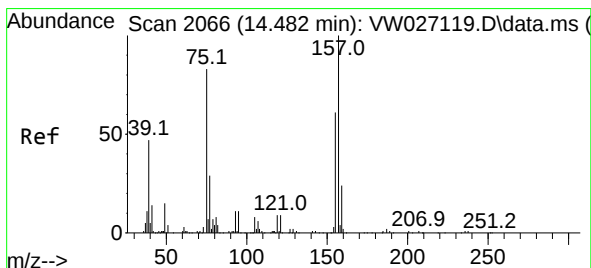
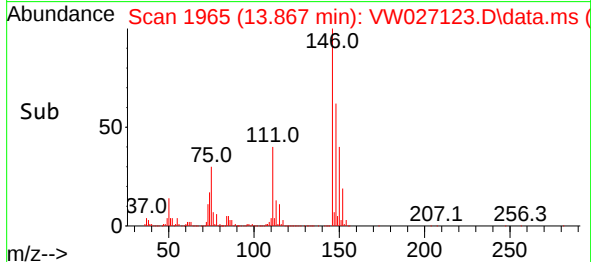
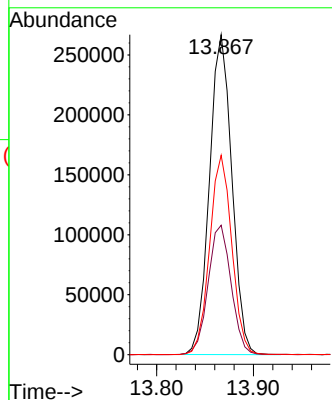
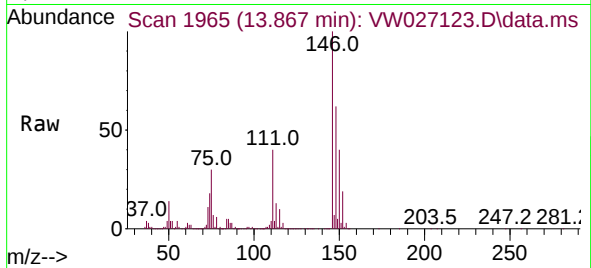
Tgt Ion:146 Resp: 429996

Ion Ratio Lower Upper

146 100

111 40.5 32.2 48.2

148 62.3 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.727 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

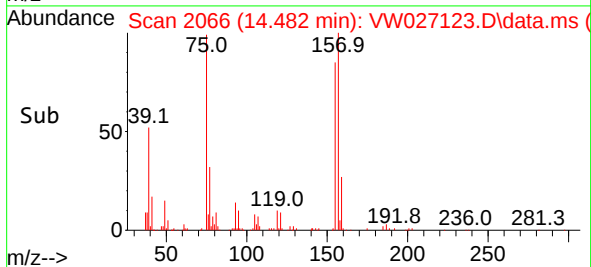
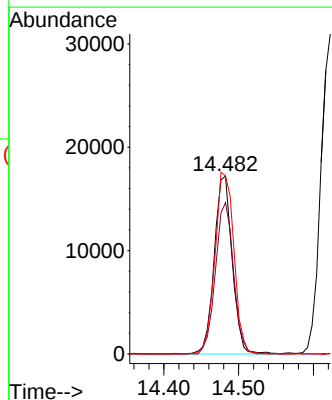
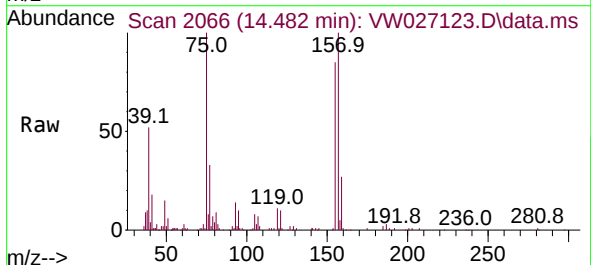
Tgt Ion: 75 Resp: 28686

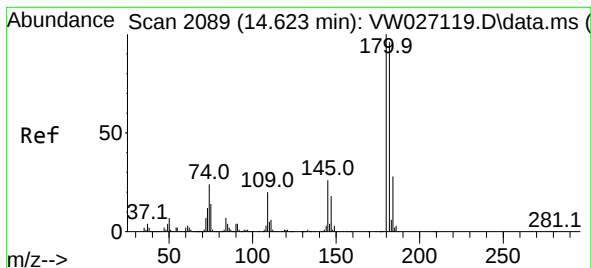
Ion Ratio Lower Upper

75 100

155 85.1 58.7 88.1

157 100.2 95.9 143.9





#69

1,3,5-Trichlorobenzene

Concen: 24.334 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

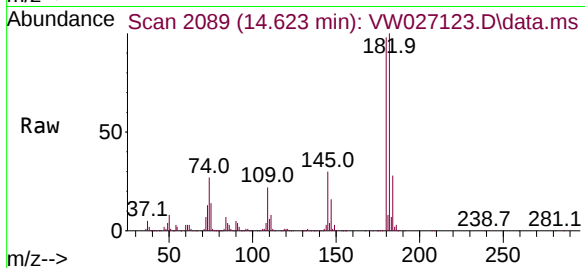
Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 324868

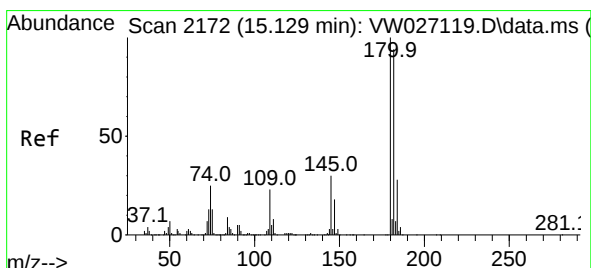
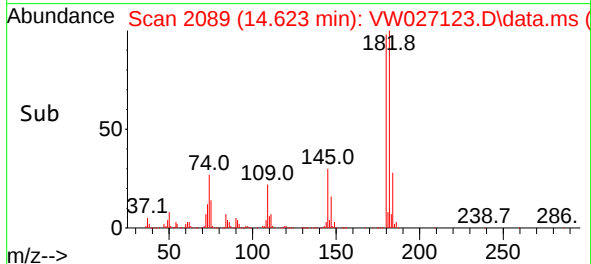
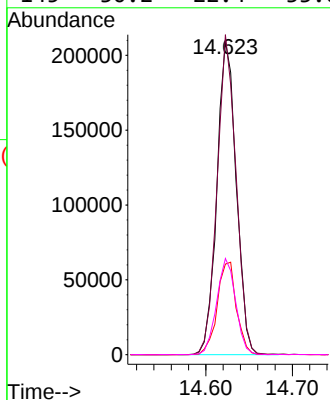
Ion Ratio Lower Upper

180 100

182 99.8 76.6 115.0

184 29.3 23.8 35.8

145 30.2 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 26.231 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

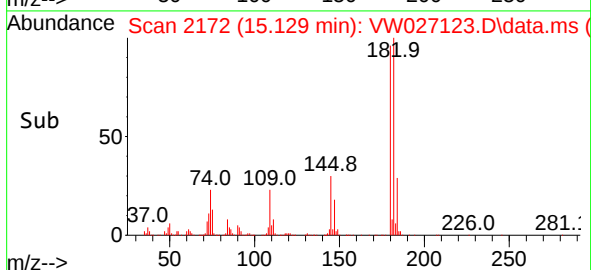
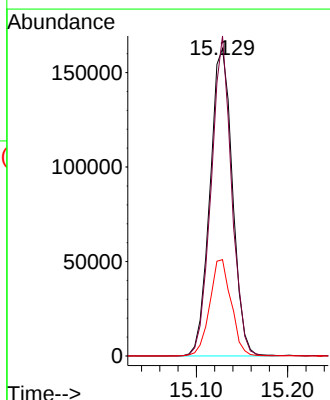
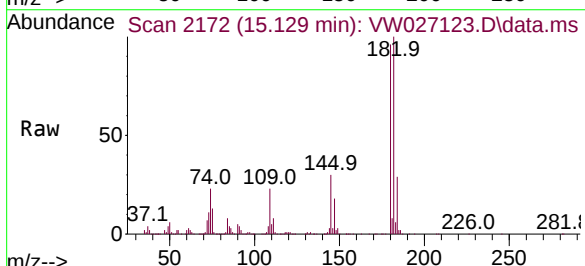
Tgt Ion:180 Resp: 277534

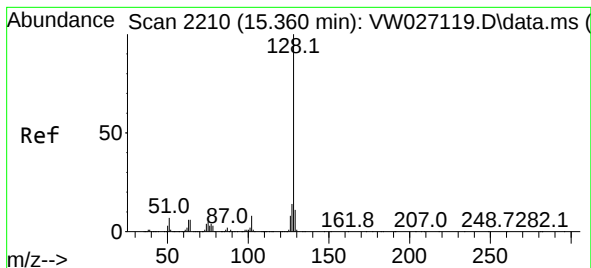
Ion Ratio Lower Upper

180 100

182 94.7 78.2 117.4

145 29.9 24.6 36.8





#71

Naphthalene

Concen: 27.030 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Instrument :

MSVOA_W

ClientSampleId :

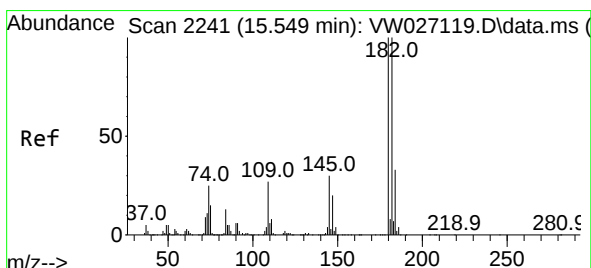
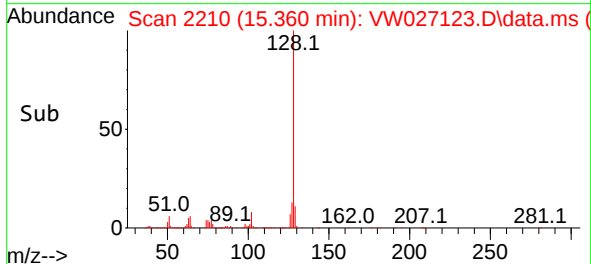
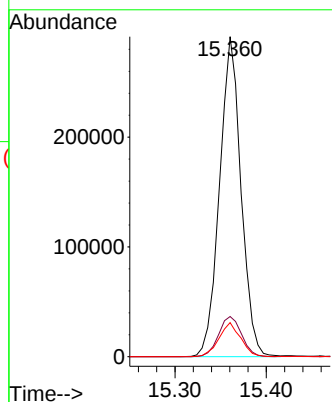
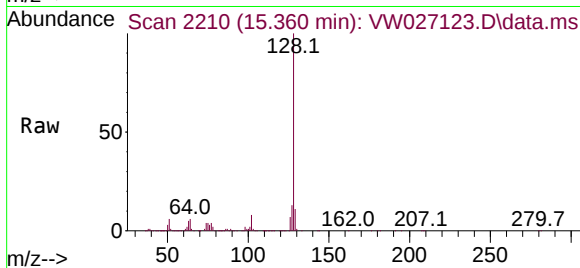
Tgt Ion:128 Resp: 475769

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 27.234 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027123.D

Acq: 18 Sep 2023 13:05

Tgt Ion:180 Resp: 260126

Ion Ratio Lower Upper

180 100

182 94.1 79.0 118.6

145 30.0 25.4 38.2

