

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
 Data File : VW027158.D
 Acq On : 19 Sep 2023 19:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 01:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 20 01:34:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	681031	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	653295	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	366582	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	196569	17.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.760%
7) Chloroethane-d5	2.899	69	194868	23.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.120%
11) 1,1-Dichloroethene-d2	4.027	65	90378	19.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.960%
21) 2-Butanone-d5	7.075	46	93328	45.998	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.000%
24) Chloroform-d	7.648	84	418915	20.475	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.880%
26) 1,2-Dichloroethane-d4	8.307	65	207214	20.756	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.040%
32) Benzene-d6	8.276	84	913636	21.655	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.640%
36) 1,2-Dichloropropane-d6	9.270	67	255814	21.428	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.720%
41) Toluene-d8	10.318	98	954683	25.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.680%
43) trans-1,3-Dichloroprop...	10.575	79	123630	25.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.520%
47) 2-Hexanone-d5	10.922	63	89427	62.166	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	218560	22.849	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	297576	22.731	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	127521	16.461	ug/L	# 87
3) Chloromethane	2.222	50	159143	19.144	ug/L	99
5) Vinyl chloride	2.375	62	219722	19.425	ug/L	97
6) Bromomethane	2.789	94	180487	22.977	ug/L	97
8) Chloroethane	2.936	64	168403	25.531	ug/L	96
9) Trichlorofluoromethane	3.265	101	176935	20.144	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	212081	20.955	ug/L	98
12) 1,1-Dichloroethene	4.045	96	210658	21.209	ug/L	93
13) Acetone	4.118	43	81175	42.349	ug/L	100
14) Carbon disulfide	4.393	76	654801	19.776	ug/L	99
15) Methyl Acetate	4.667	43	83486	22.076	ug/L	98
16) Methylene chloride	4.917	84	306191	23.632	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	134540	12.483	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	355975	24.857	ug/L	98
19) 1,1-Dichloroethane	6.216	63	410267	21.706	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	261091	23.032	ug/L	94
22) 2-Butanone	7.167	43	114529	44.232	ug/L	96
23) Bromochloromethane	7.514	128	114804	21.997	ug/L	94
25) Chloroform	7.679	83	421157	21.696	ug/L	98

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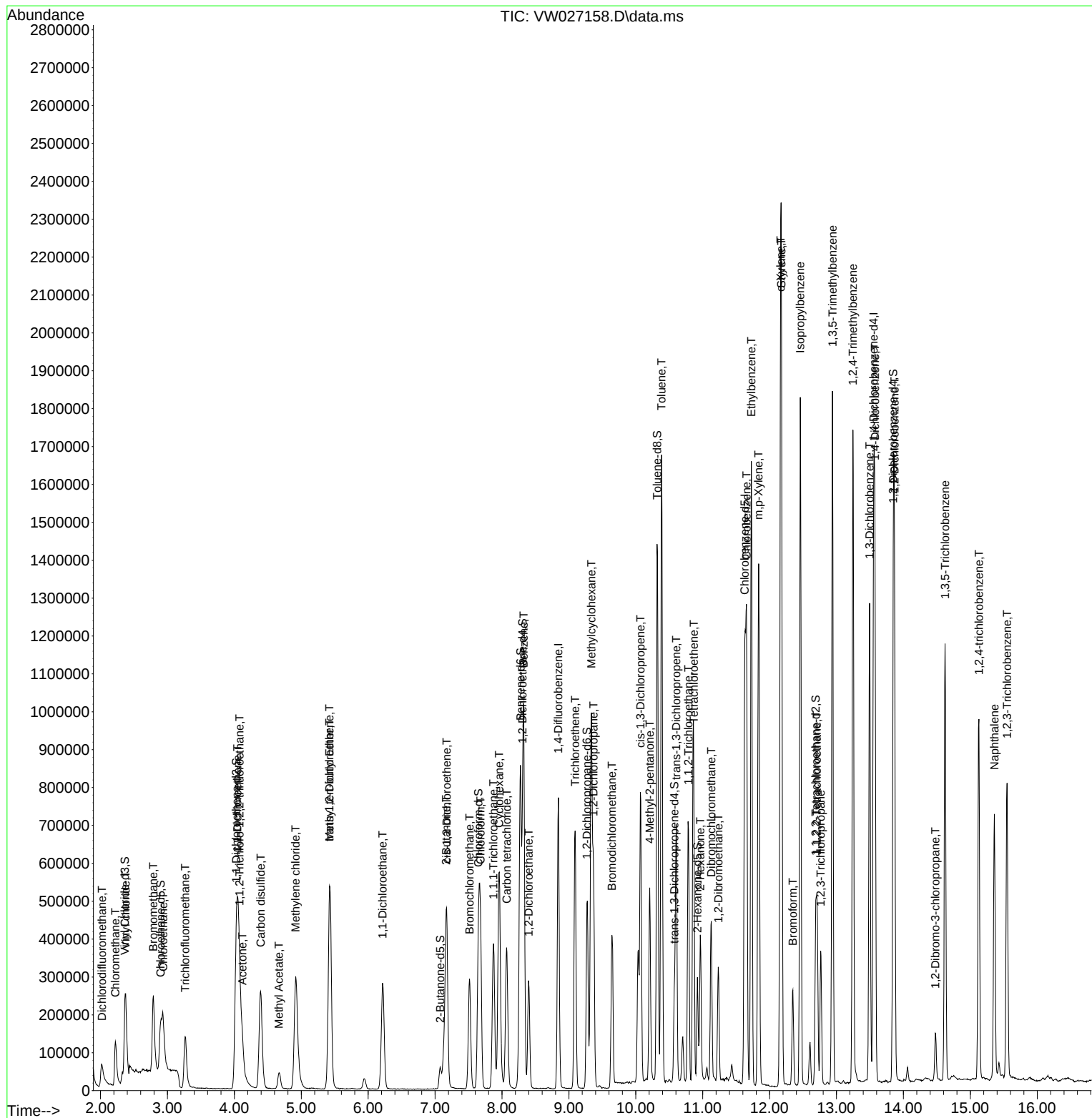
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	258477	21.974	ug/L	98
29) Cyclohexane	7.959	56	352978	22.573	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	330653	21.416	ug/L	99
31) Carbon tetrachloride	8.069	117	296632	21.680	ug/L	99
33) Benzene	8.325	78	965712	22.381	ug/L	100
34) Trichloroethene	9.093	95	252305	22.126	ug/L	97
35) Methylcyclohexane	9.337	83	444129	22.834	ug/L	99
37) 1,2-Dichloropropane	9.367	63	236499	22.070	ug/L	99
38) Bromodichloromethane	9.642	83	305517	23.314	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	437498	27.257	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	328251	68.304	ug/L	93
42) Toluene	10.386	91	1210244	26.544	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	362539	26.914	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	222419	26.976	ug/L	98
46) Tetrachloroethene	10.867	164	210876	21.941	ug/L	90
48) 2-Hexanone	10.965	43	242279	69.908	ug/L	89
49) Dibromochloromethane	11.129	129	234180	27.140	ug/L	97
50) 1,2-Dibromoethane	11.233	107	208725	27.584	ug/L	99
51) Chlorobenzene	11.654	112	671511	22.317	ug/L	97
52) Ethylbenzene	11.727	91	1178321	23.563	ug/L	99
53) m,p-Xylene	11.836	106	461972	24.089	ug/L	94
54) o-Xylene	12.166	106	437871	23.967	ug/L	94
55) Styrene	12.178	104	755696	24.141	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	223497	23.136	ug/L	100
59) Bromoform	12.349	173	117478	22.121	ug/L	95
60) Isopropylbenzene	12.458	105	1173979	23.903	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155350	22.723	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	978486	24.895	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	978062	25.683	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	541927	23.334	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	557425	23.093	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	493862	23.265	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	33688	22.251	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	391209	23.401	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	330737	24.962	ug/L	96
71) Naphthalene	15.360	128	620931	28.171	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	292217	24.431	ug/L	94

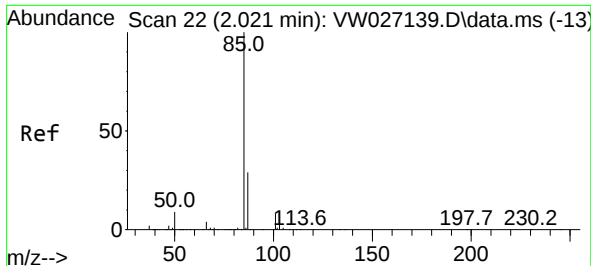
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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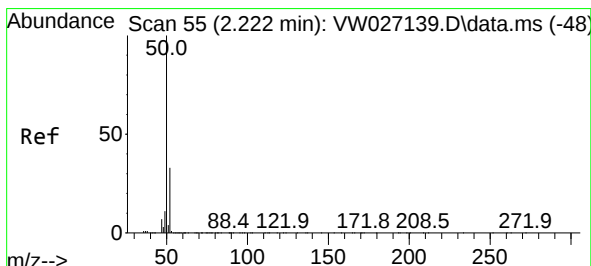
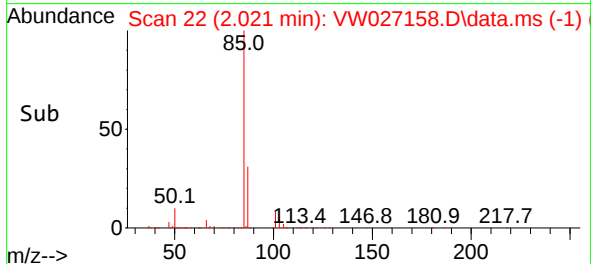
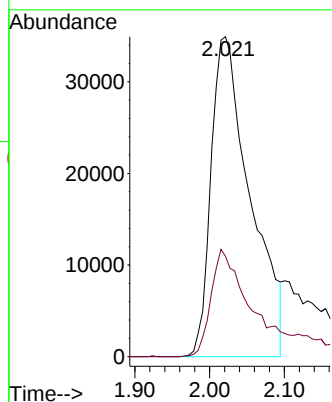
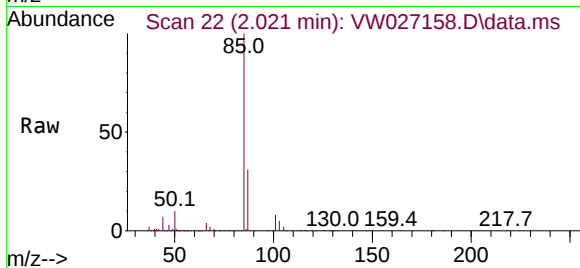




#2
Dichlorodifluoromethane
Concen: 16.461 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

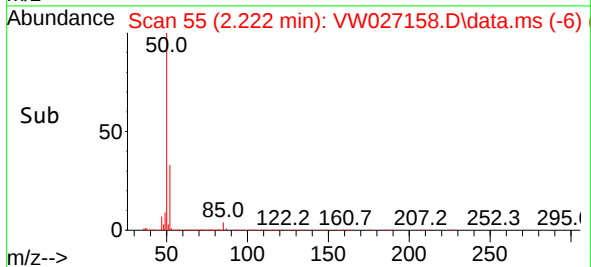
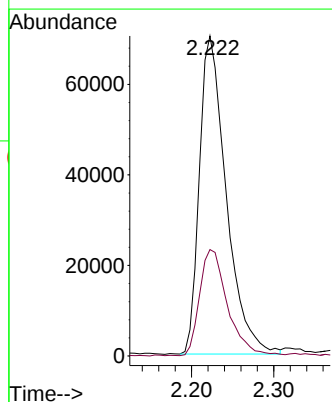
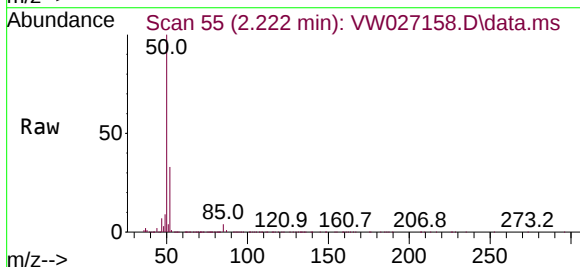
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MSVOA_W
ClientSampleId :

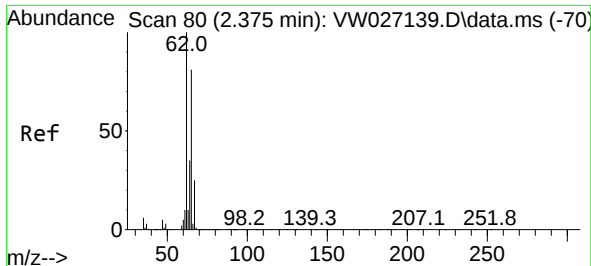
Tgt Ion: 85 Resp: 127521
Ion Ratio Lower Upper
85 100
87 29.5 18.5 27.7#



#3
Chloromethane
Concen: 19.144 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion: 50 Resp: 159143
Ion Ratio Lower Upper
50 100
52 33.2 23.8 44.2

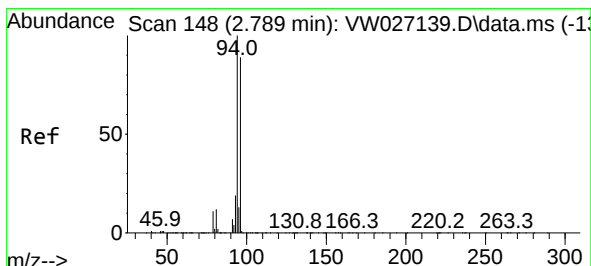
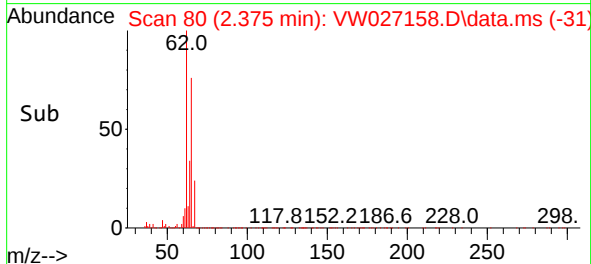
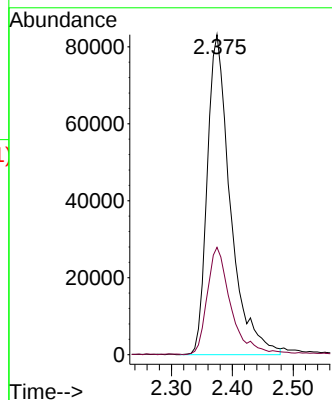
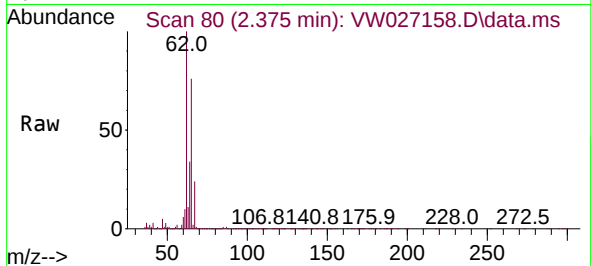




#5
 Vinyl chloride
 Concen: 19.425 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027158.D
 Acq: 19 Sep 2023 19:27

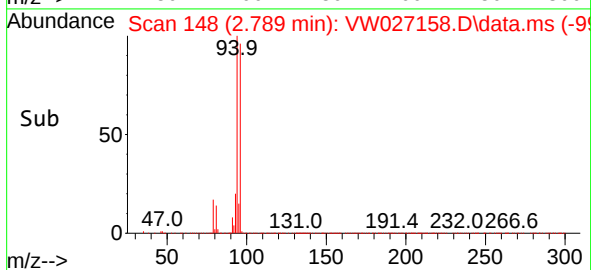
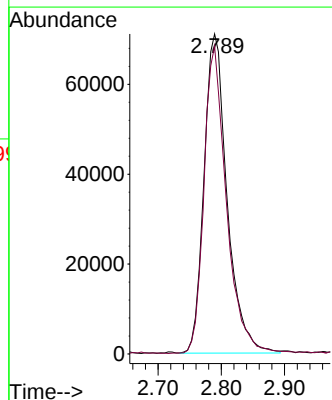
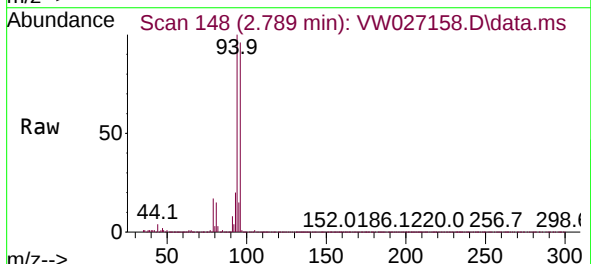
Instrument :
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 ClientSampleId :

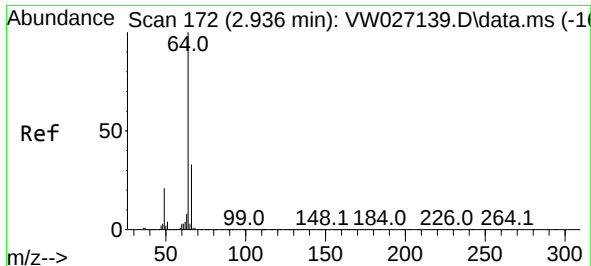
Tgt Ion: 62 Resp: 219722
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.5 41.7



#6
 Bromomethane
 Concen: 22.977 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027158.D
 Acq: 19 Sep 2023 19:27

Tgt Ion: 94 Resp: 180487
 Ion Ratio Lower Upper
 94 100
 96 96.2 65.0 120.8

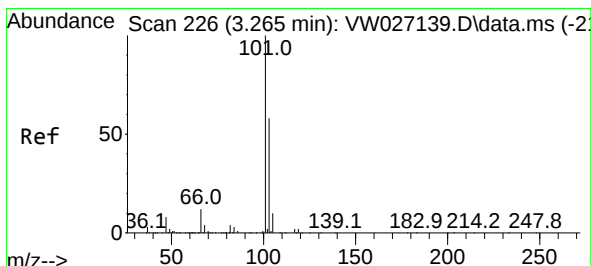
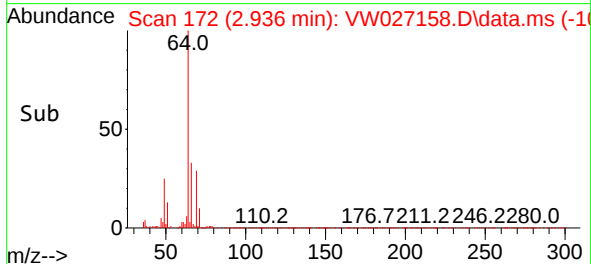
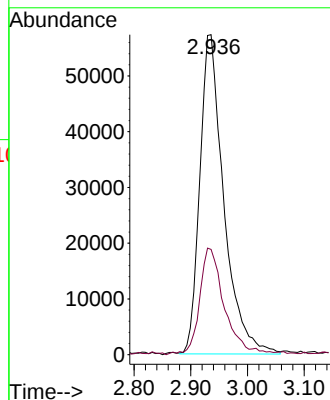
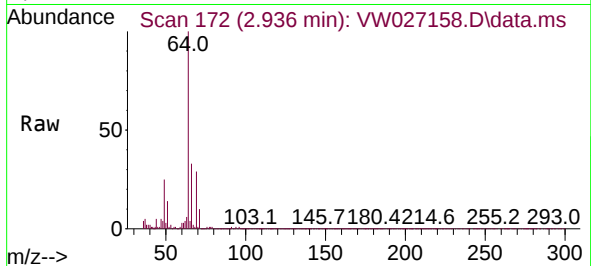




#8
Chloroethane
Concen: 25.531 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

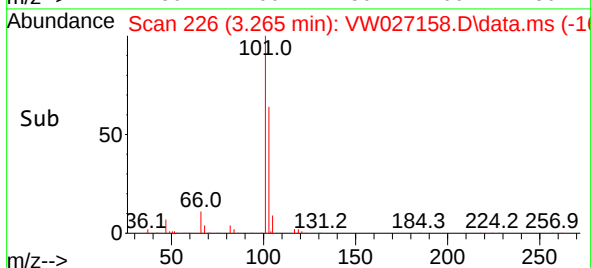
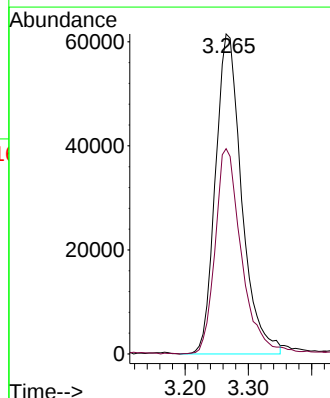
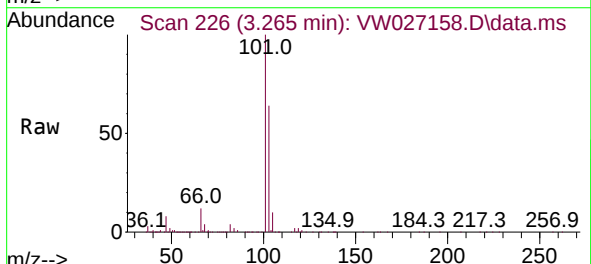
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ClientSampleId :

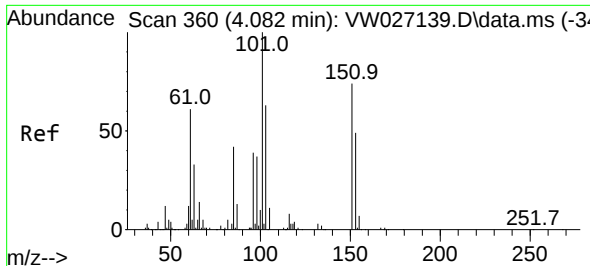
Tgt Ion: 64 Resp: 168403
Ion Ratio Lower Upper
64 100
66 32.9 21.3 39.6



#9
Trichlorofluoromethane
Concen: 20.144 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion: 101 Resp: 176935
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3

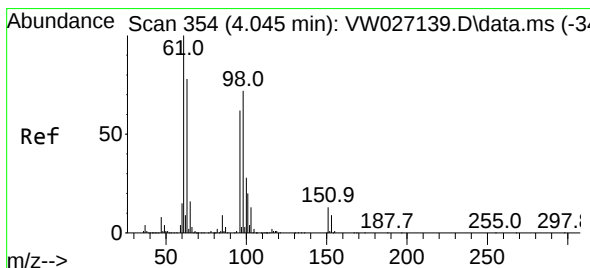
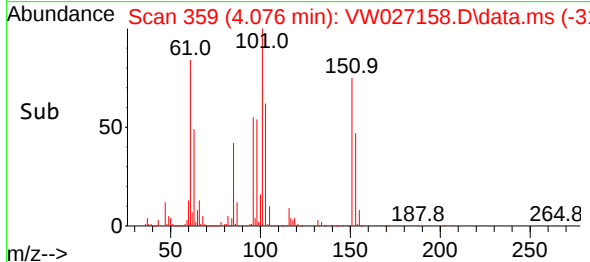
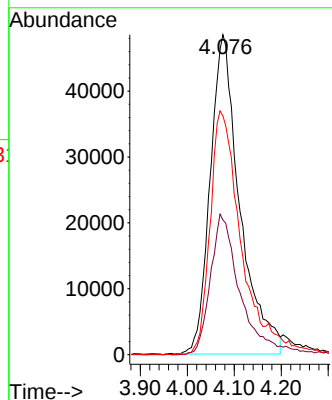
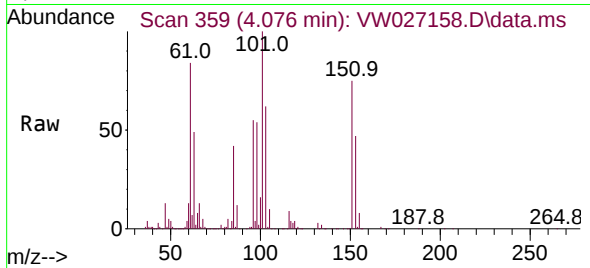




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.955 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027158.D
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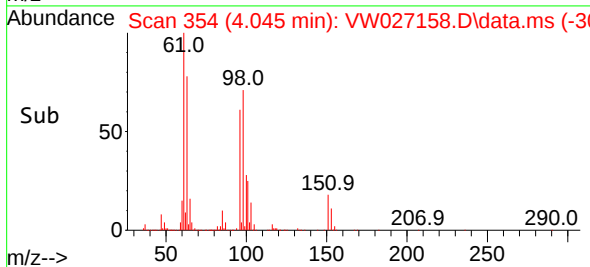
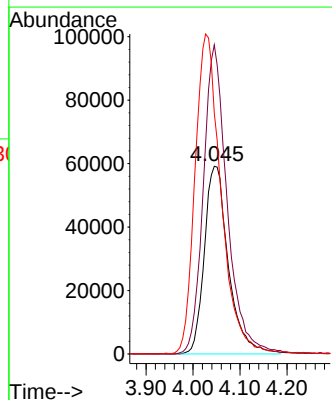
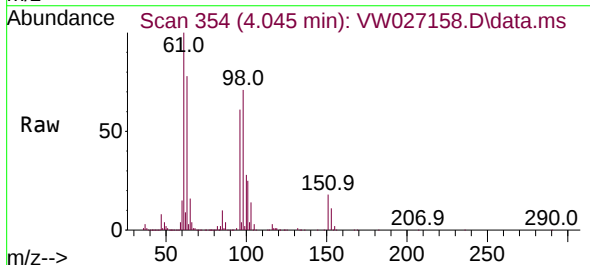
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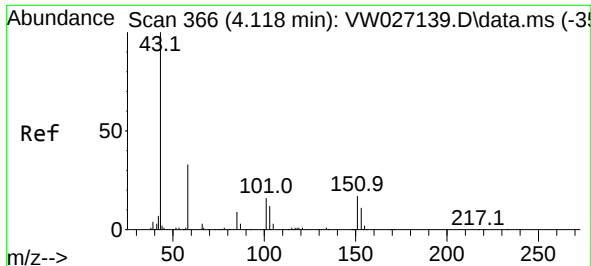
Tgt Ion:101 Resp: 212081
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.7 53.5
 151 74.2 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 21.209 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027158.D
 Acq: 19 Sep 2023 19:27

Tgt Ion: 96 Resp: 210658
 Ion Ratio Lower Upper
 96 100
 61 164.7 112.5 208.9
 63 128.4 99.4 184.6

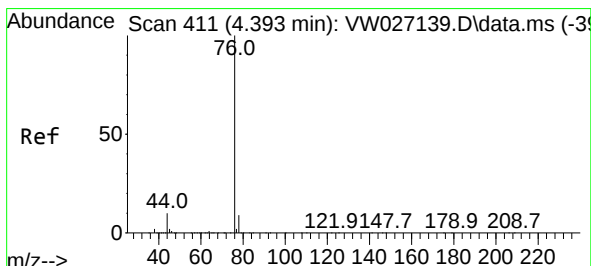
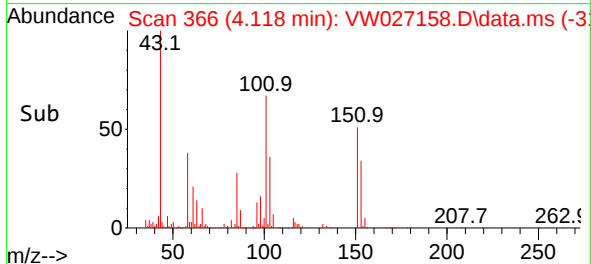
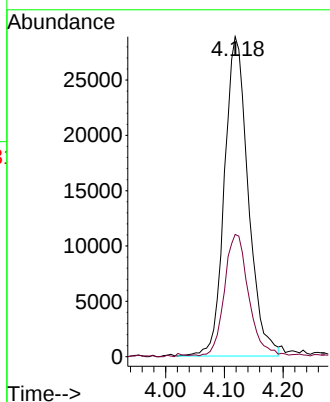
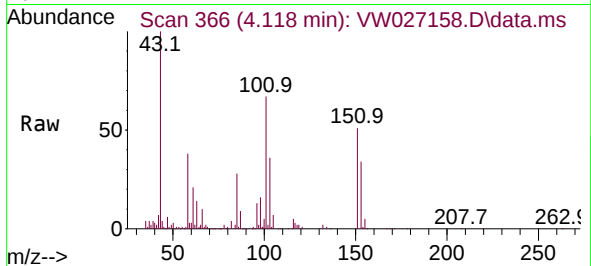




#13
Acetone
Concen: 42.349 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW027158.D
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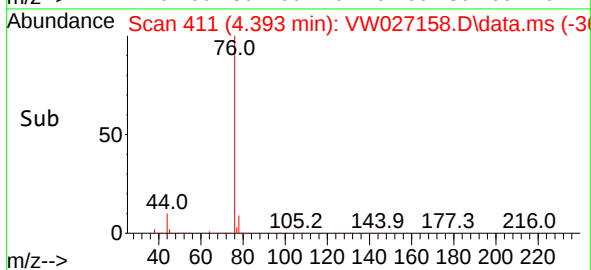
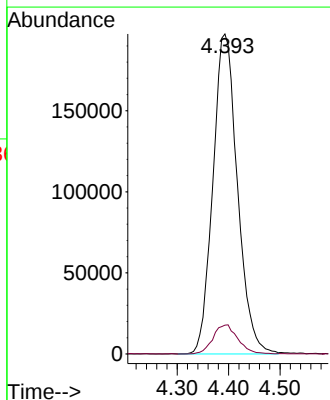
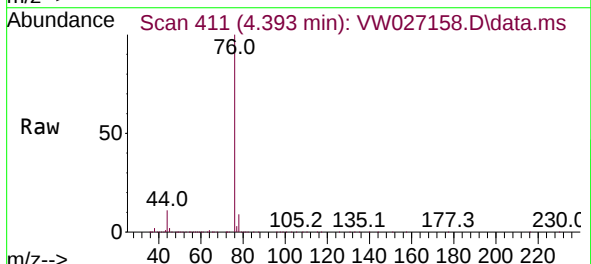
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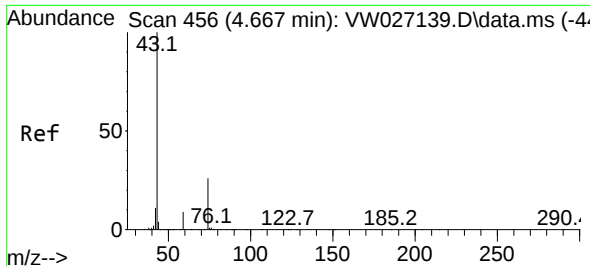
Tgt Ion: 43 Resp: 81175
Ion Ratio Lower Upper
43 100
58 38.7 0.0 77.4



#14
Carbon disulfide
Concen: 19.776 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 654801
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

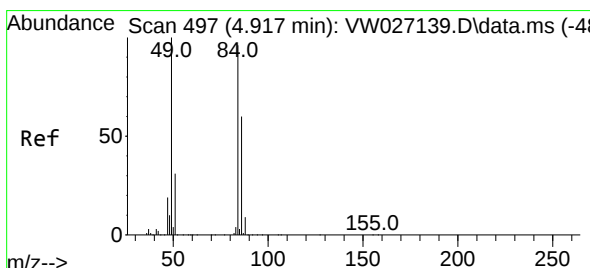
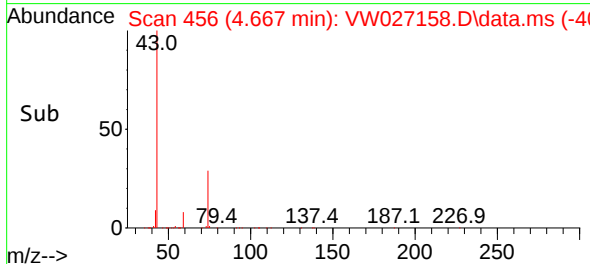
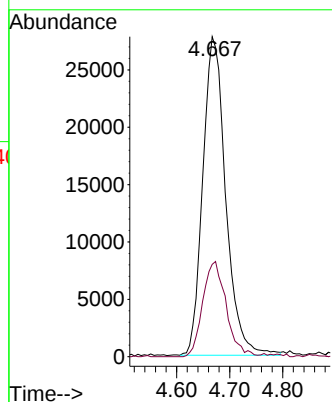
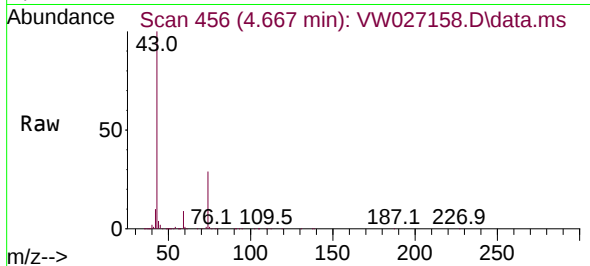




#15
Methyl Acetate
Concen: 22.076 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

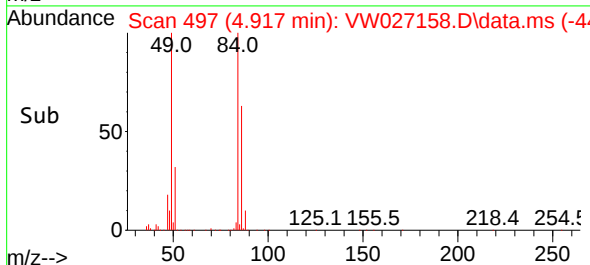
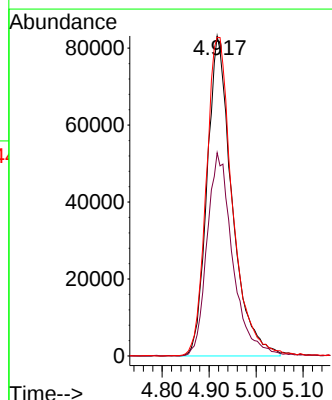
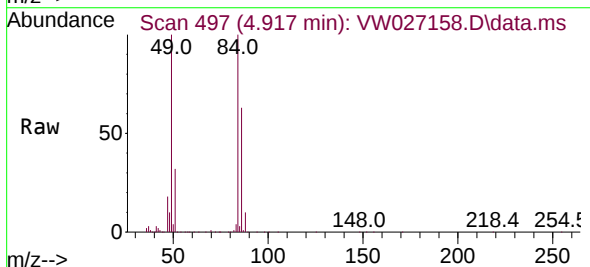
Instrument :
MSVOA_W
ClientSampleId :

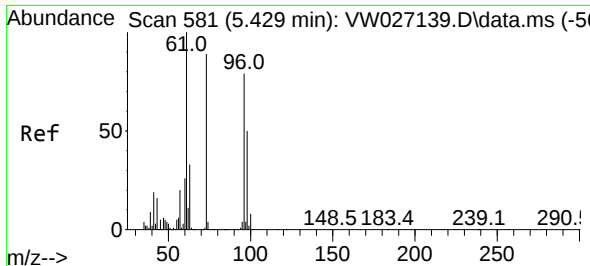
Tgt Ion: 43 Resp: 83486
Ion Ratio Lower Upper
43 100
74 30.0 23.2 34.8



#16
Methylene chloride
Concen: 23.632 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion: 84 Resp: 306191
Ion Ratio Lower Upper
84 100
86 63.5 46.7 86.7
49 99.6 77.1 143.1

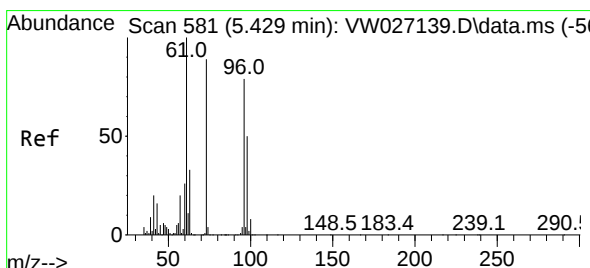
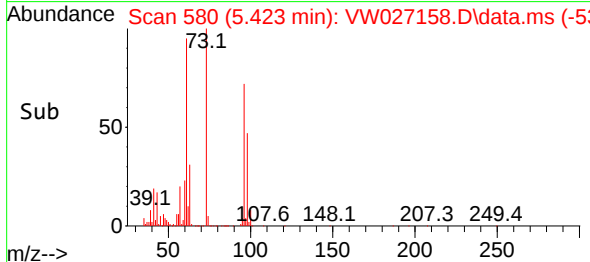
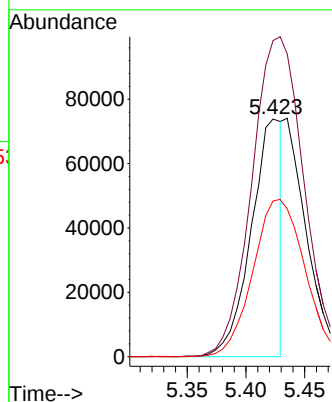
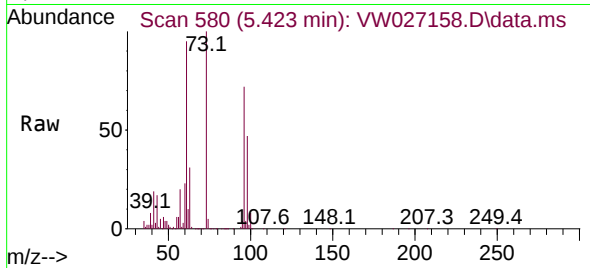




#17
trans-1,2-Dichloroethene
Concen: 12.483 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

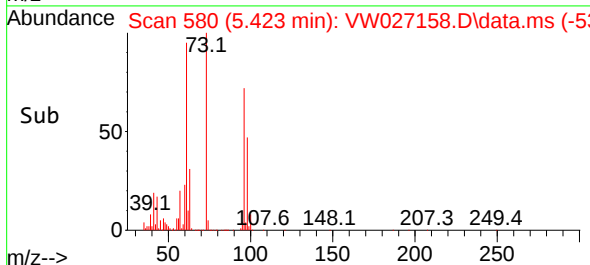
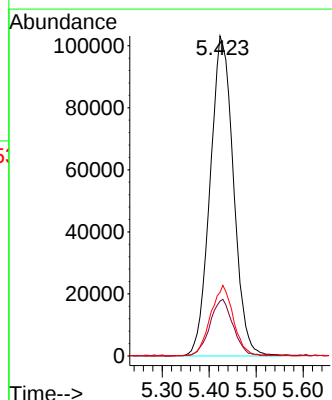
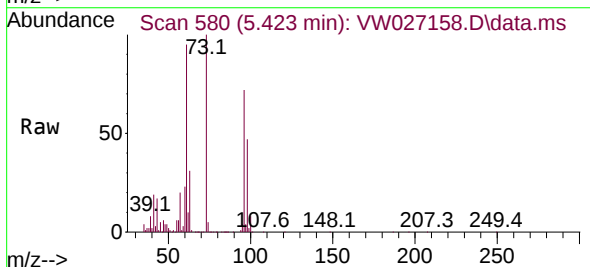
Instrument :
MSVOA_W
ClientSampleId :

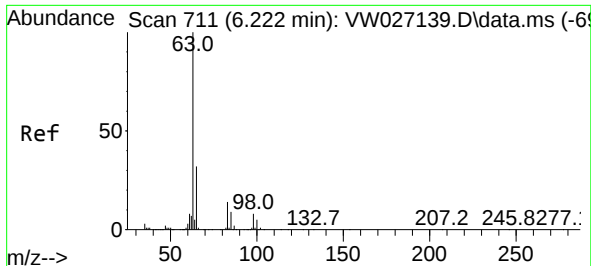
Tgt Ion: 96 Resp: 134540
Ion Ratio Lower Upper
96 100
61 133.0 91.2 169.4
98 65.5 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 24.857 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion: 73 Resp: 355975
Ion Ratio Lower Upper
73 100
43 17.3 15.2 22.8
57 21.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 21.706 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

ClientSampleId :

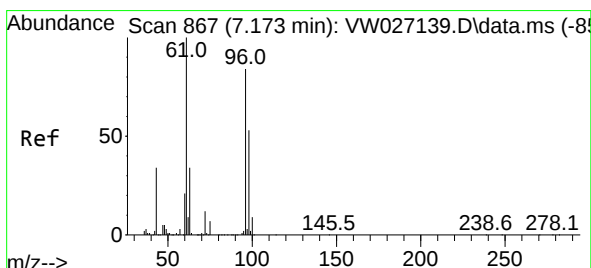
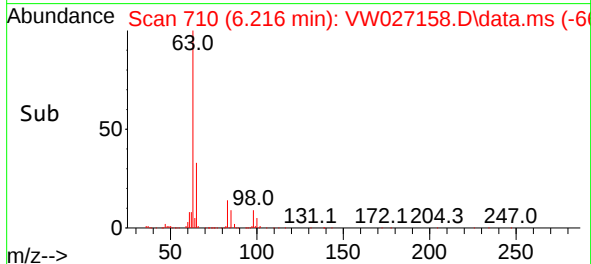
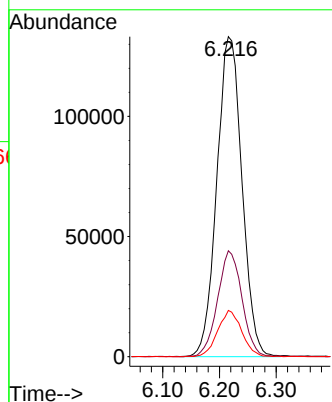
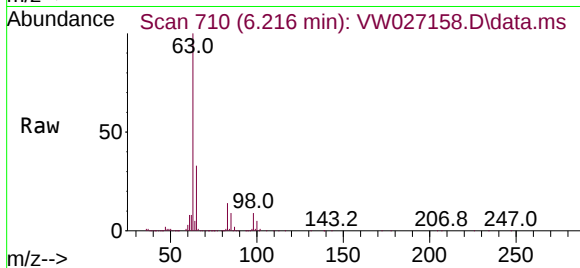
Tgt Ion: 63 Resp: 410267

Ion Ratio Lower Upper

63 100

65 33.1 22.6 42.0

83 14.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 23.032 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

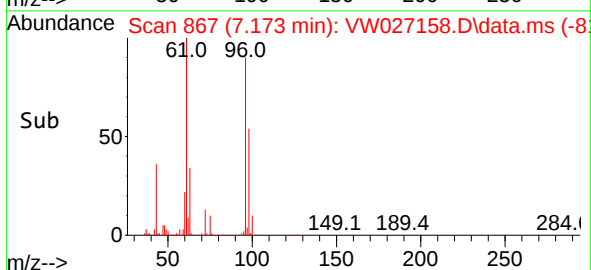
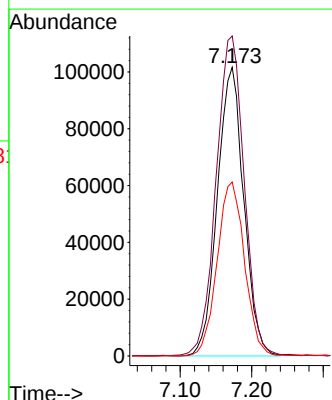
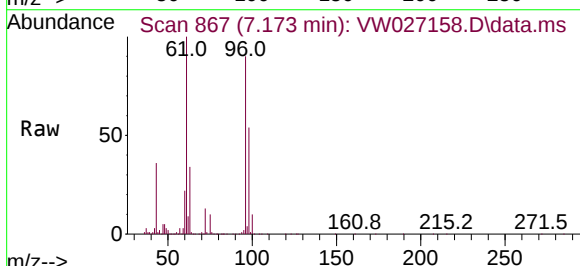
Tgt Ion: 96 Resp: 261091

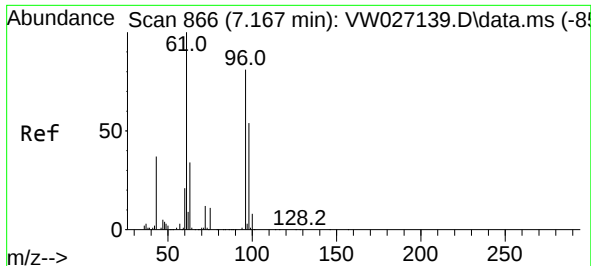
Ion Ratio Lower Upper

96 100

61 110.9 83.0 154.1

98 60.3 44.6 82.8

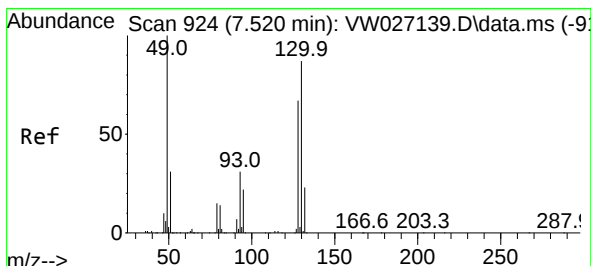
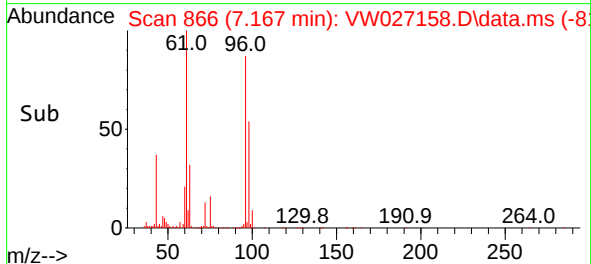
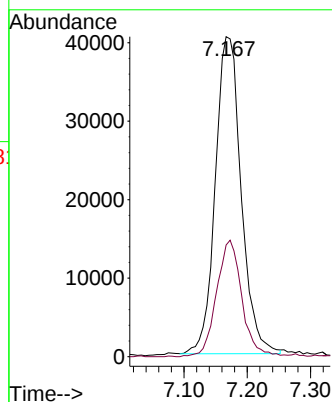
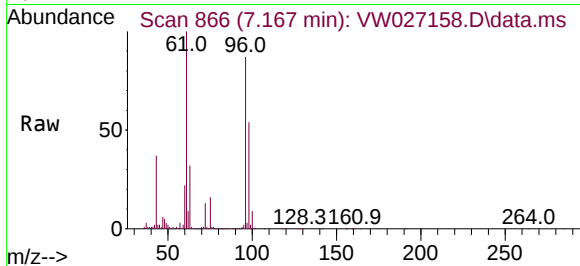




#22
2-Butanone
Concen: 44.232 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

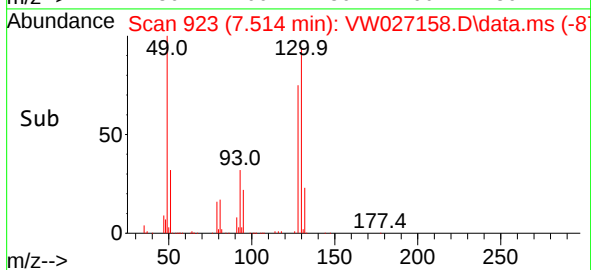
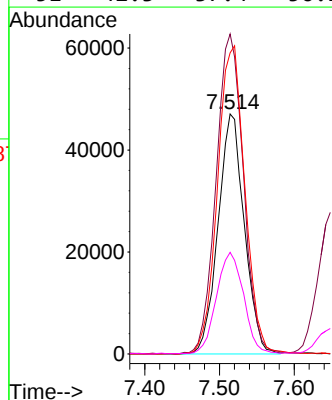
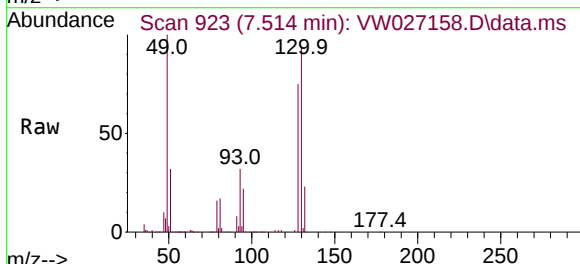
Instrument :
MSVOA_W
ClientSampleId :

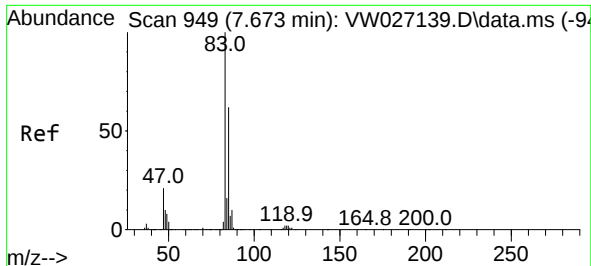
Tgt Ion: 43 Resp: 114529
Ion Ratio Lower Upper
43 100
72 35.8 16.8 50.4



#23
Bromochloromethane
Concen: 21.997 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion: 128 Resp: 114804
Ion Ratio Lower Upper
128 100
49 133.3 97.6 181.2
130 125.5 92.8 172.4
51 42.3 37.4 56.2





#25

Chloroform

Concen: 21.696 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

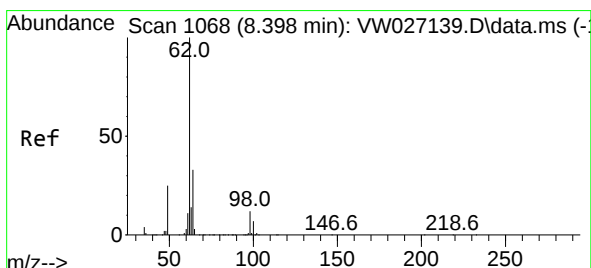
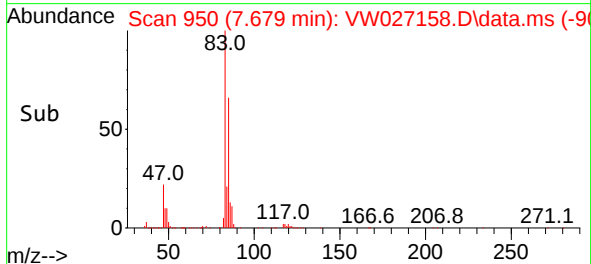
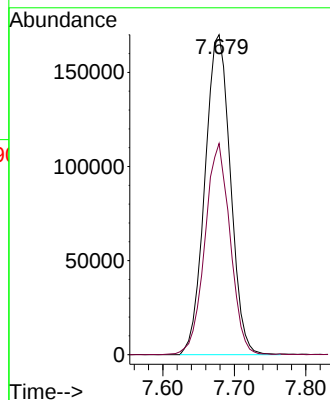
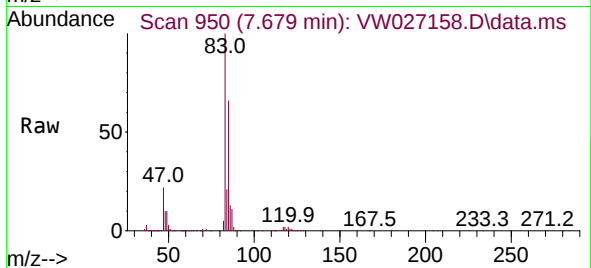
ClientSampleId :

Tgt Ion: 83 Resp: 421157

Ion Ratio Lower Upper

83 100

85 66.0 44.9 83.5



#27

1,2-Dichloroethane

Concen: 21.974 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW027158.D

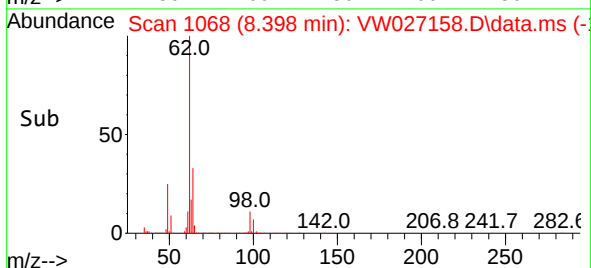
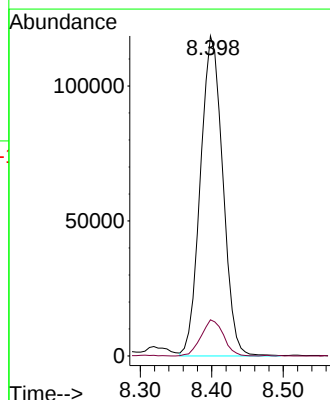
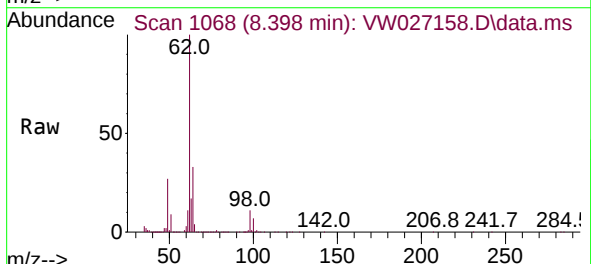
Acq: 19 Sep 2023 19:27

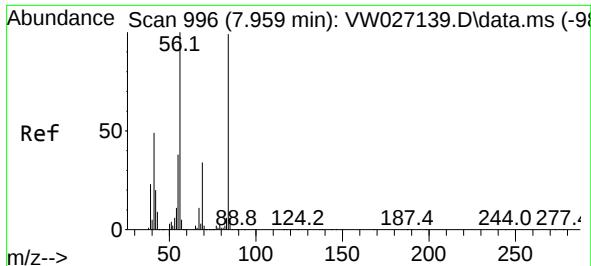
Tgt Ion: 62 Resp: 258477

Ion Ratio Lower Upper

62 100

98 11.3 8.4 12.6





#29

Cyclohexane

Concen: 22.573 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

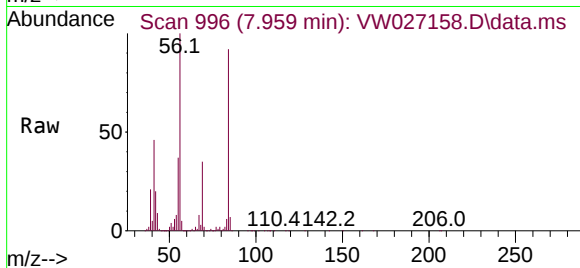
Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

ClientSampleId :



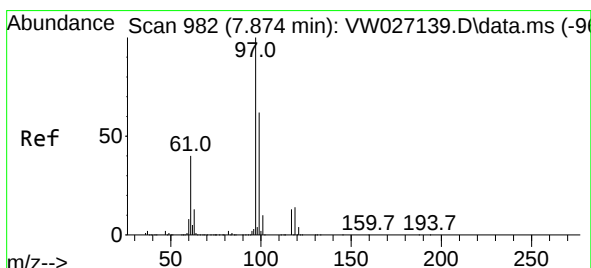
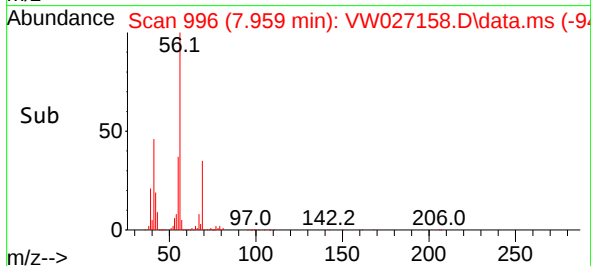
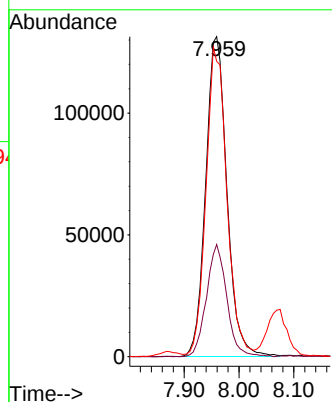
Tgt Ion: 56 Resp: 352978

Ion Ratio Lower Upper

56 100

69 33.6 26.5 39.7

84 94.4 74.4 111.6



#30

1,1,1-Trichloroethane

Concen: 21.416 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

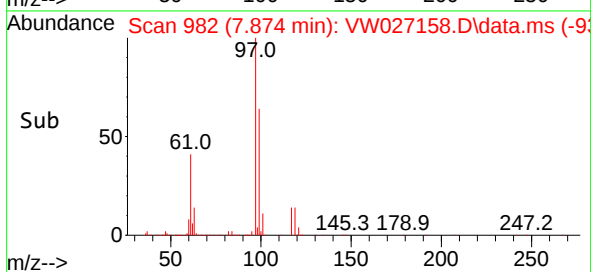
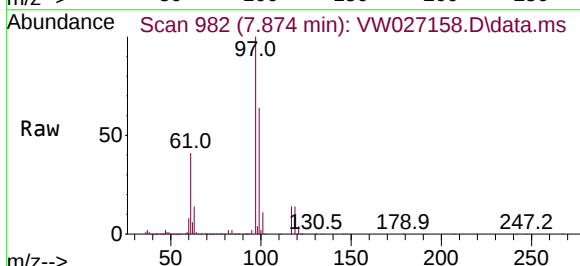
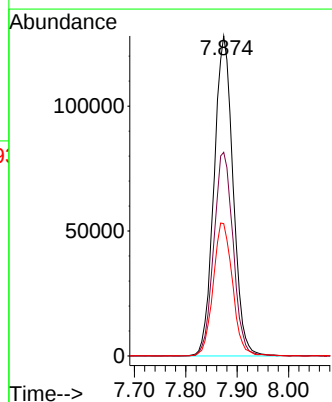
Tgt Ion: 97 Resp: 330653

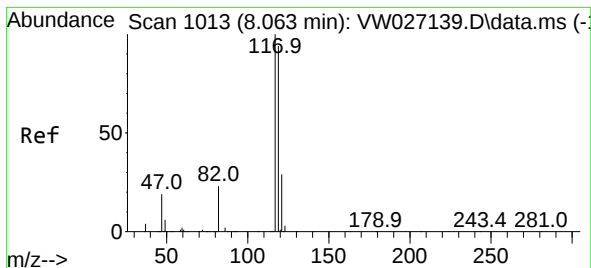
Ion Ratio Lower Upper

97 100

99 64.4 50.6 75.8

61 41.9 34.1 51.1





#31

Carbon tetrachloride

Concen: 21.680 ug/L

RT: 8.069 min Scan# 1013

Delta R.T. 0.006 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

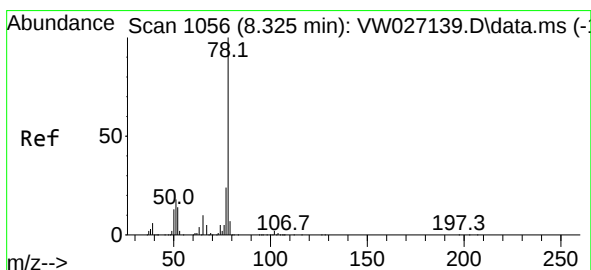
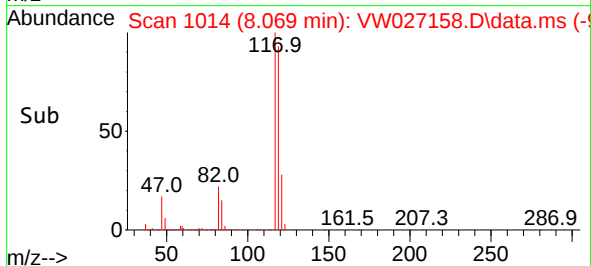
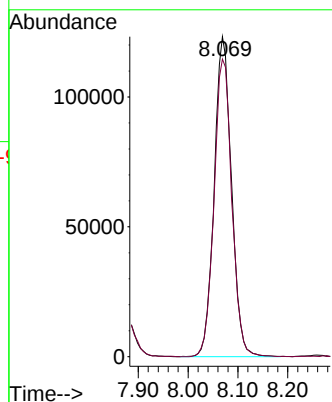
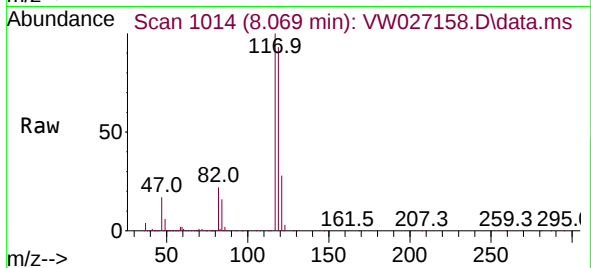
ClientSampleId :

Tgt Ion:117 Resp: 296632

Ion Ratio Lower Upper

117 100

119 95.8 77.4 116.0



#33

Benzene

Concen: 22.381 ug/L

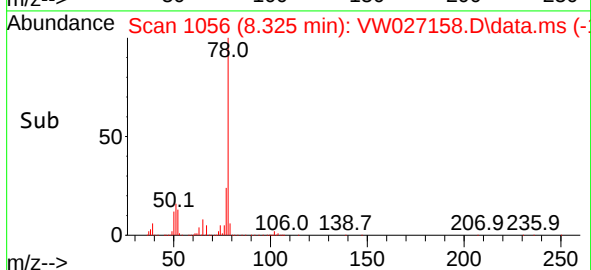
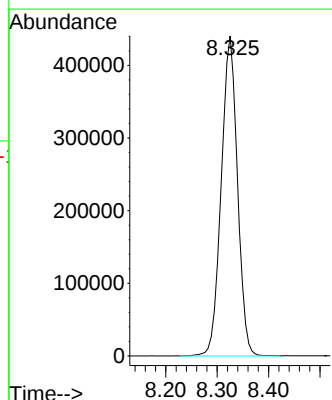
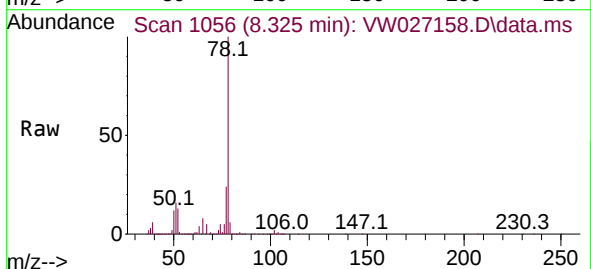
RT: 8.325 min Scan# 1056

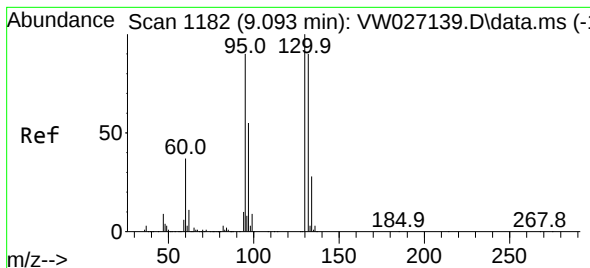
Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Tgt Ion: 78 Resp: 965712





#34

Trichloroethene

Concen: 22.126 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

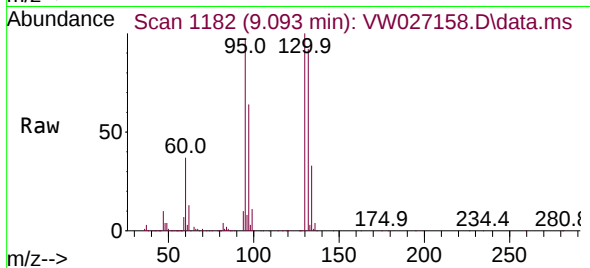
Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 252305

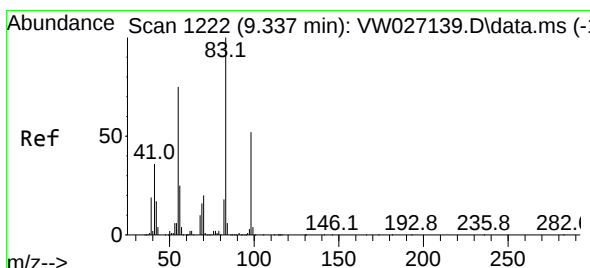
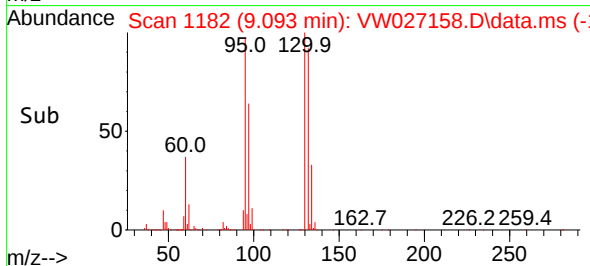
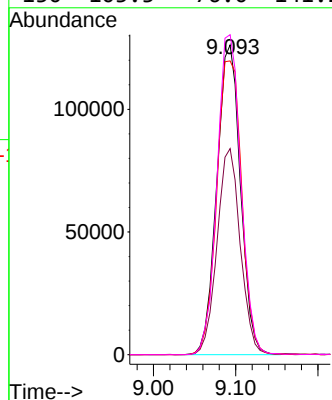
Ion Ratio Lower Upper

95 100

97 66.5 46.1 85.7

132 94.8 67.9 126.1

130 103.3 76.0 141.2



#35

Methylcyclohexane

Concen: 22.834 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

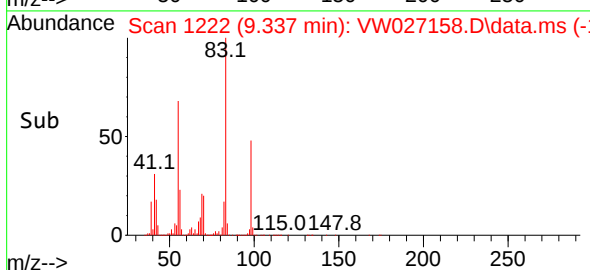
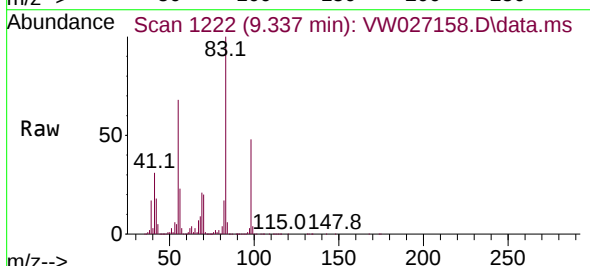
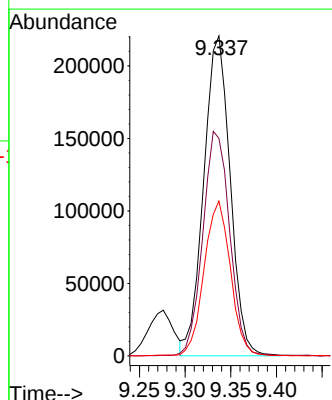
Tgt Ion: 83 Resp: 444129

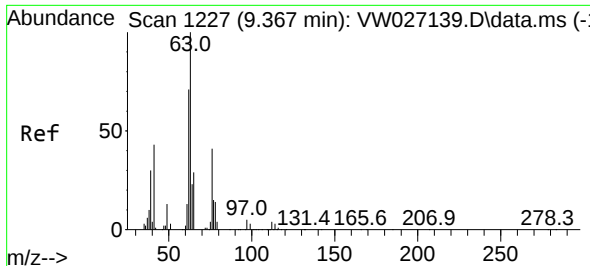
Ion Ratio Lower Upper

83 100

55 71.3 58.0 87.0

98 48.3 38.5 57.7





#37

1,2-Dichloropropane

Concen: 22.070 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

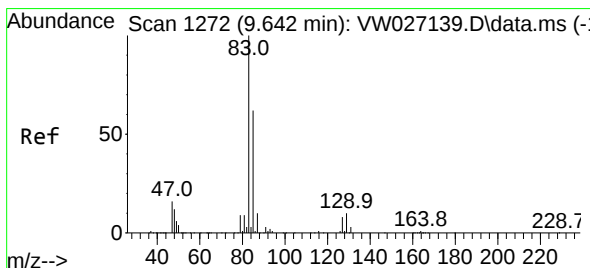
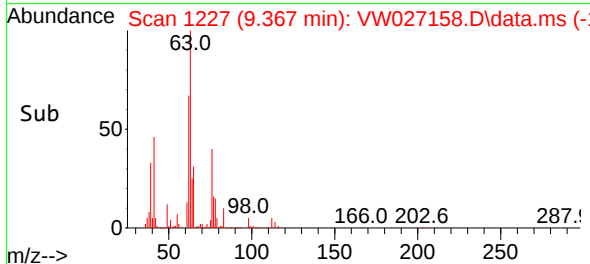
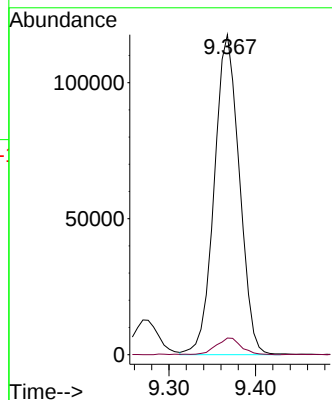
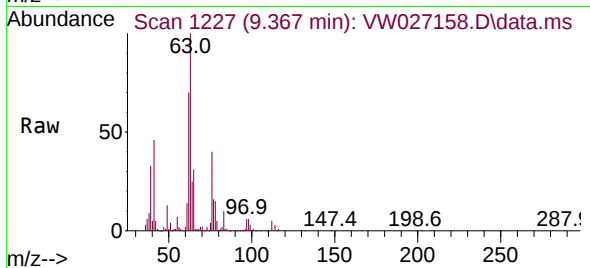
ClientSampleId :

Tgt Ion: 63 Resp: 236499

Ion Ratio Lower Upper

63 100

112 5.2 3.9 5.9



#38

Bromodichloromethane

Concen: 23.314 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

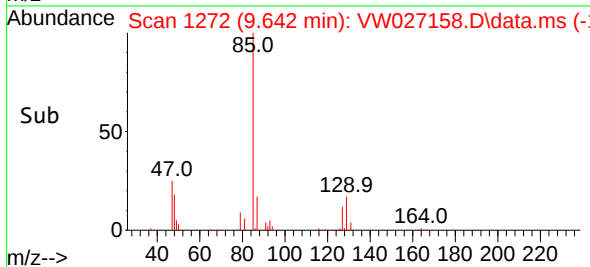
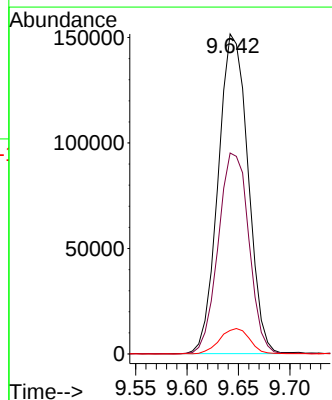
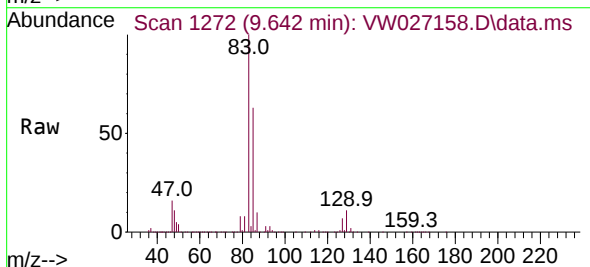
Tgt Ion: 83 Resp: 305517

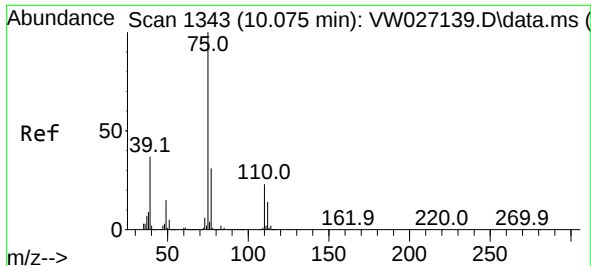
Ion Ratio Lower Upper

83 100

85 62.8 42.8 79.4

127 7.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.257 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

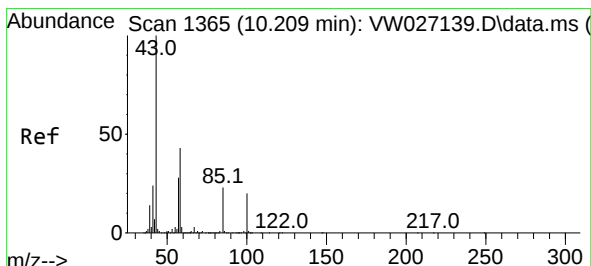
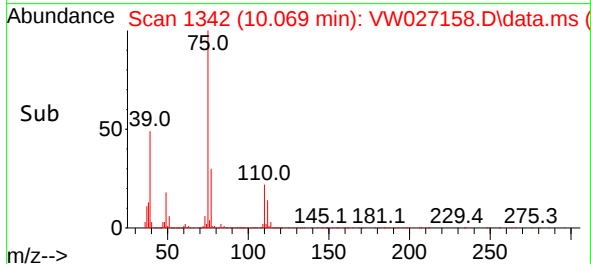
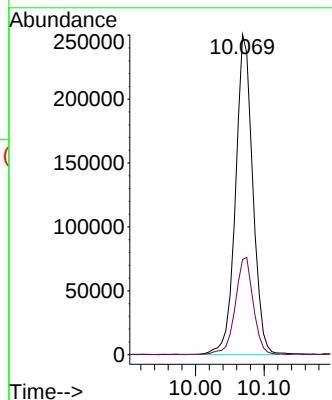
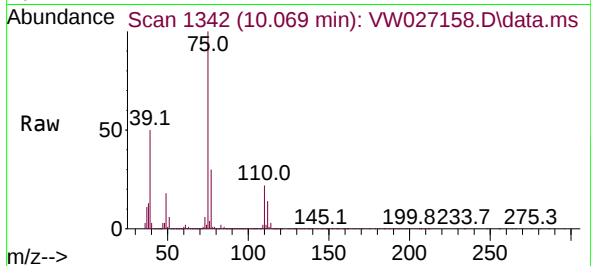
ClientSampleId :

Tgt Ion: 75 Resp: 437498

Ion Ratio Lower Upper

75 100

77 29.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 68.304 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

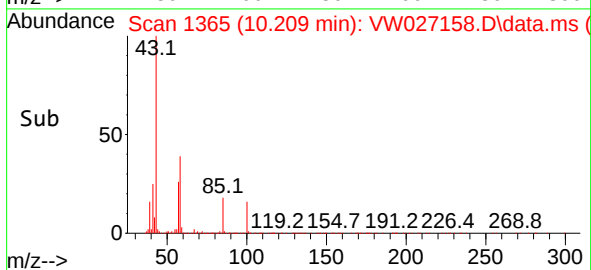
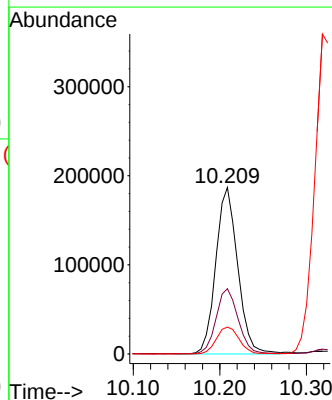
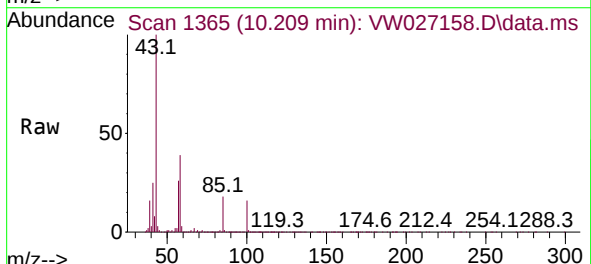
Tgt Ion: 43 Resp: 328251

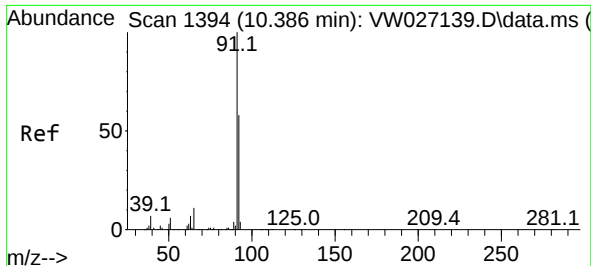
Ion Ratio Lower Upper

43 100

58 39.3 35.4 53.2

100 16.8 15.2 22.8

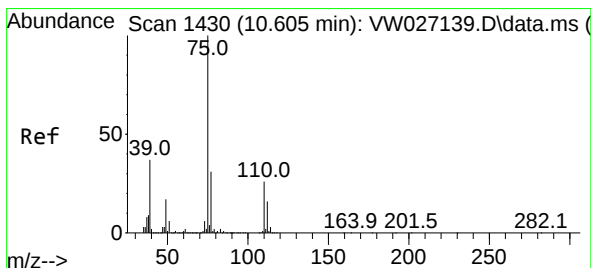
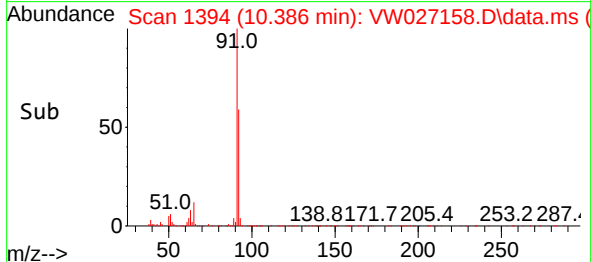
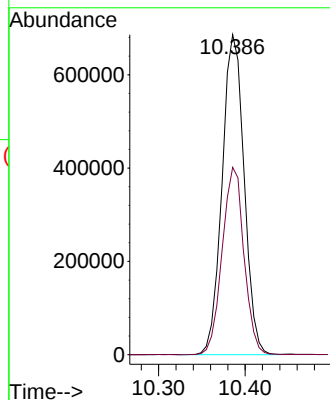
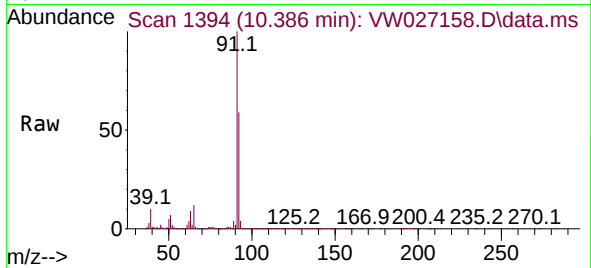




#42
Toluene
Concen: 26.544 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

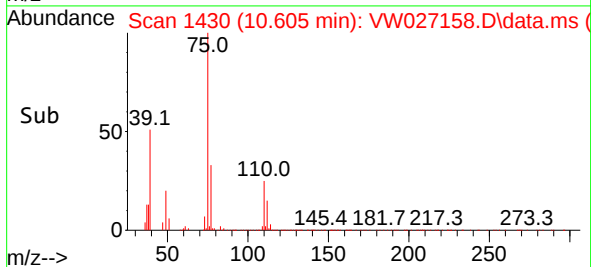
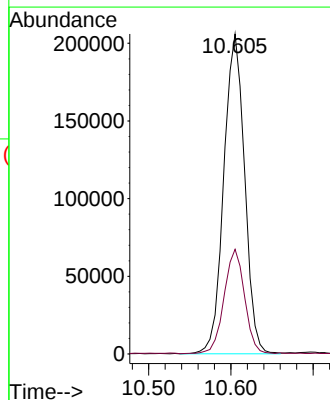
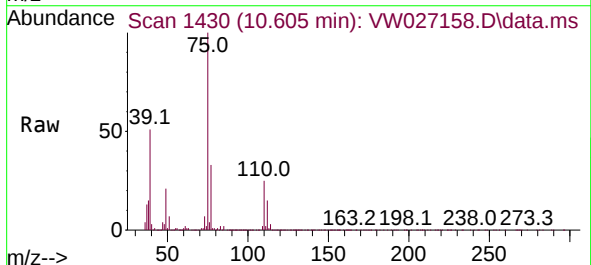
Instrument :
MSVOA_W
ClientSampleId :

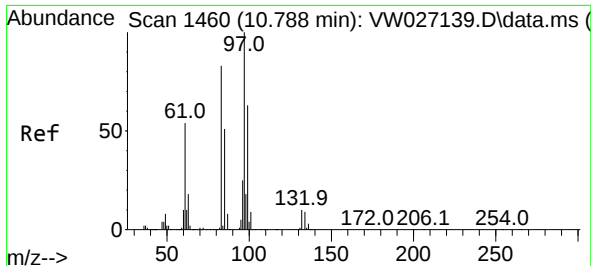
Tgt Ion: 91 Resp: 1210244
Ion Ratio Lower Upper
91 100
92 58.6 42.7 79.3



#44
trans-1,3-Dichloropropene
Concen: 26.914 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion: 75 Resp: 362539
Ion Ratio Lower Upper
75 100
77 32.7 22.6 42.0

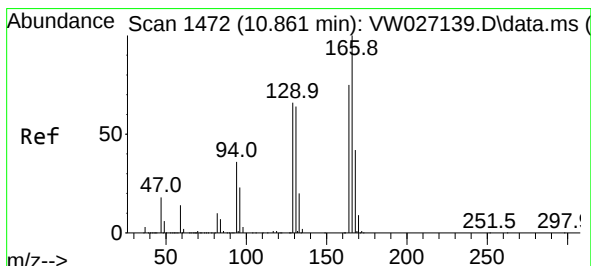
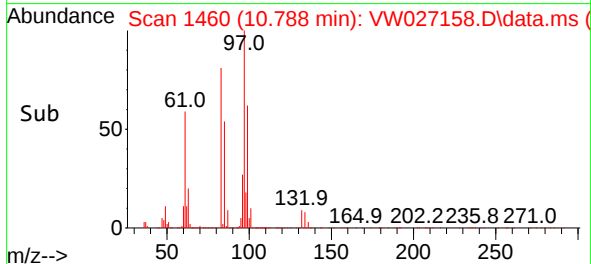
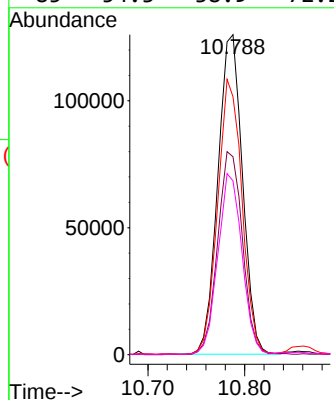
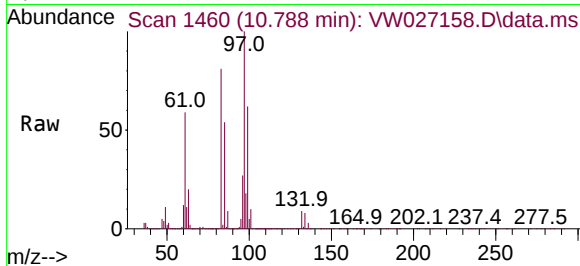




#45
1,1,2-Trichloroethane
Concen: 26.976 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

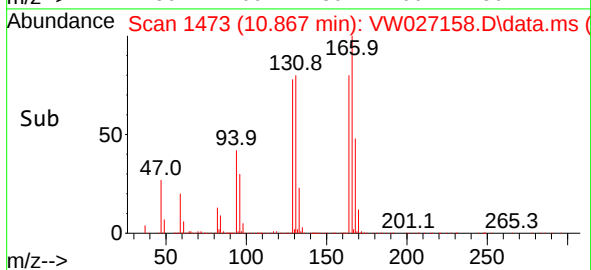
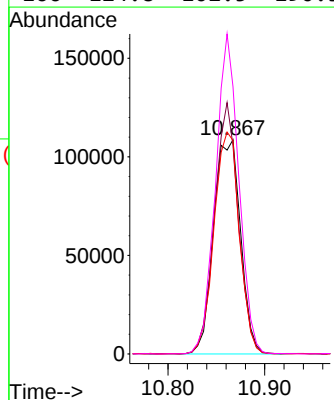
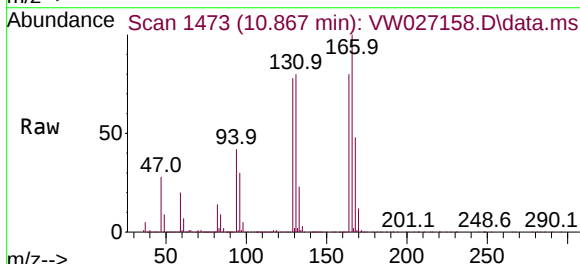
Instrument :
MSVOA_W
ClientSampleId :

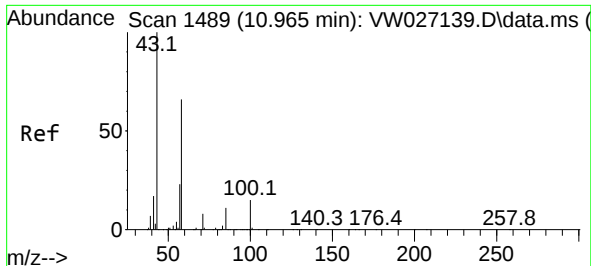
Tgt Ion:	97	Resp:	222419
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.5
83	80.6	58.0	107.8
85	54.3	38.9	72.2



#46
Tetrachloroethene
Concen: 21.941 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion:	164	Resp:	210876
Ion	Ratio	Lower	Upper
164	100		
129	97.2	72.9	135.3
131	99.6	68.7	127.7
166	124.8	102.5	190.3



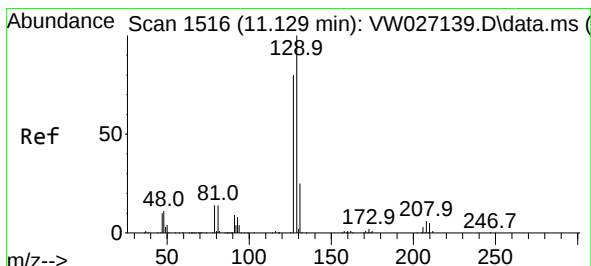
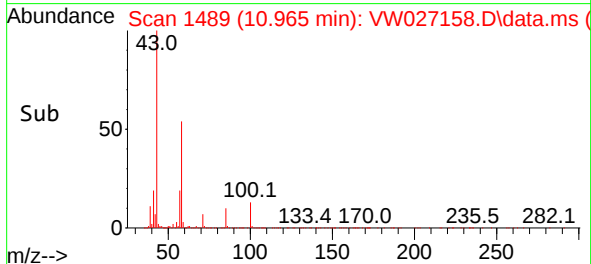
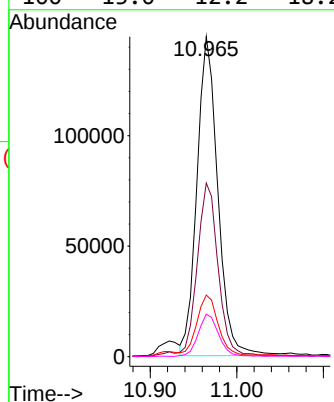
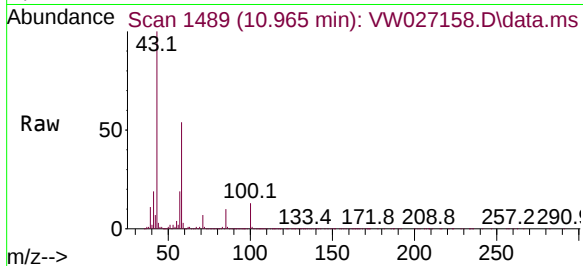


#48
2-Hexanone
Concen: 69.908 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 242279

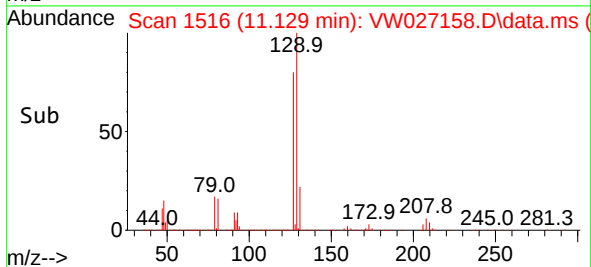
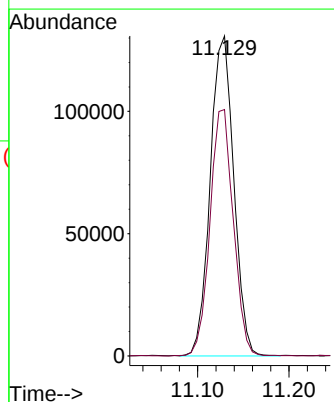
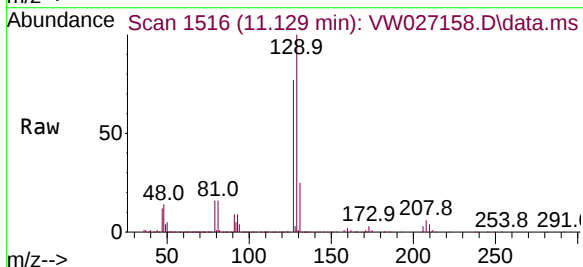
Ion	Ratio	Lower	Upper
43	100		
58	53.5	51.4	77.0
57	18.8	17.2	25.8
100	13.0	12.2	18.2

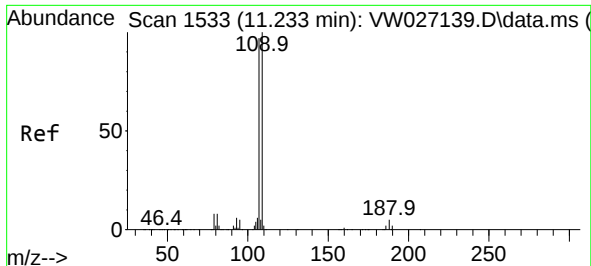


#49
Dibromochloromethane
Concen: 27.140 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion: 129 Resp: 234180

Ion	Ratio	Lower	Upper
129	100		
127	77.0	51.9	96.5





#50

1,2-Dibromoethane

Concen: 27.584 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

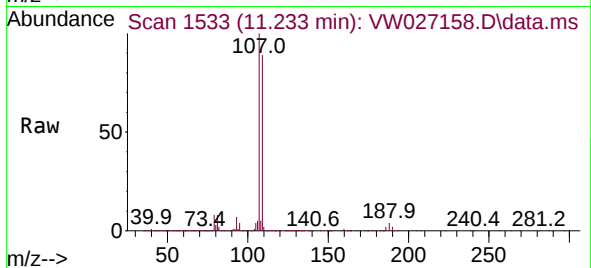
Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

ClientSampleId :



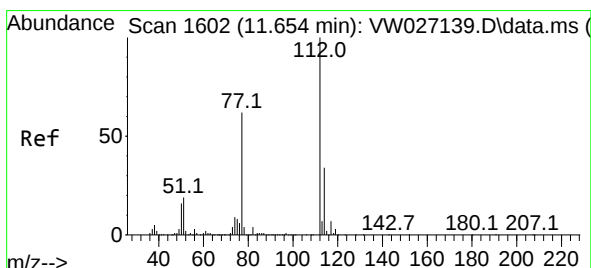
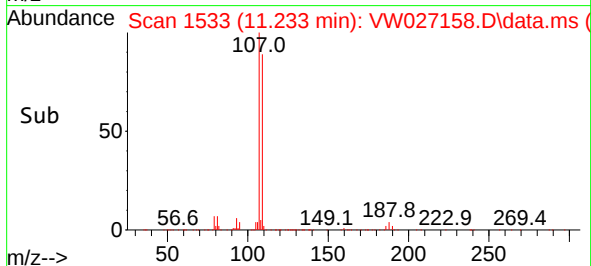
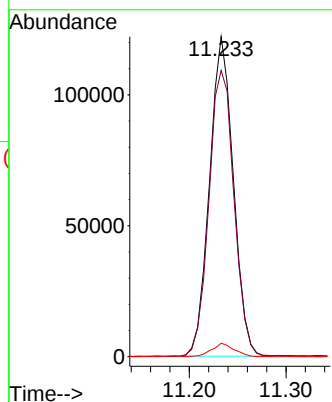
Tgt Ion:107 Resp: 208725

Ion Ratio Lower Upper

107 100

109 89.5 63.3 117.5

188 4.2 3.1 4.7



#51

Chlorobenzene

Concen: 22.317 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

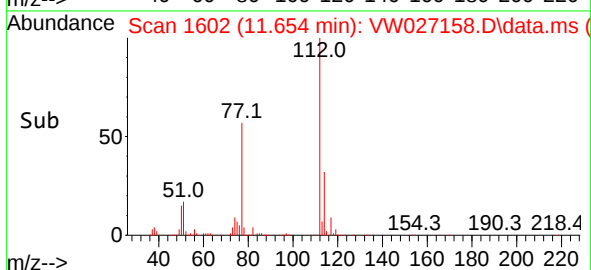
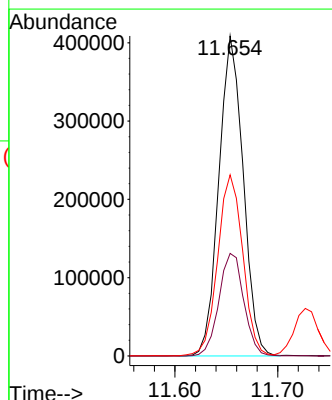
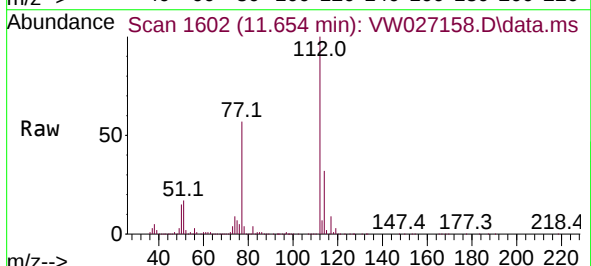
Tgt Ion:112 Resp: 671511

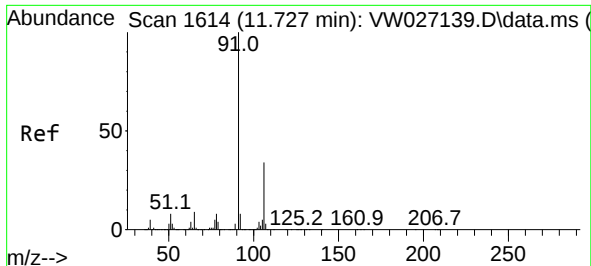
Ion Ratio Lower Upper

112 100

114 32.0 19.7 36.7

77 56.6 44.5 66.7

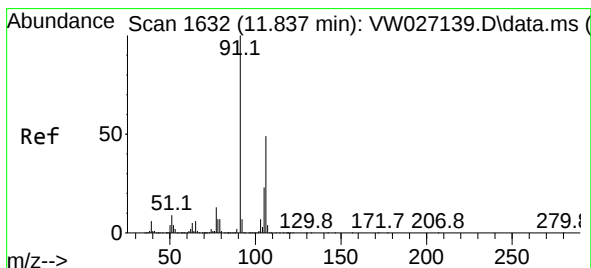
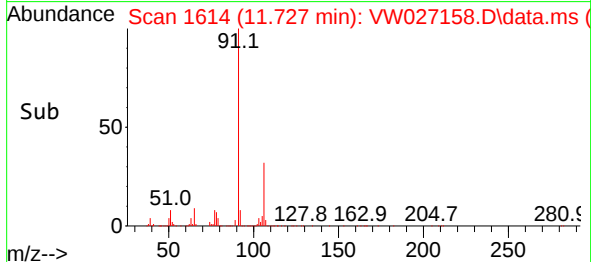
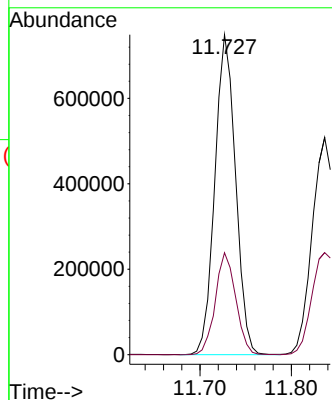
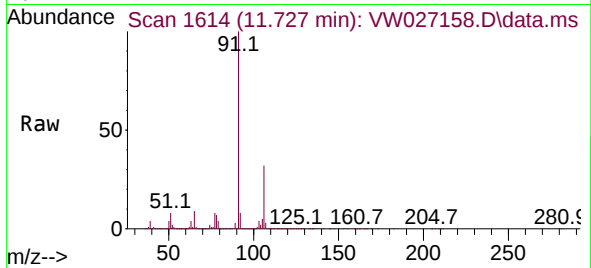




#52
Ethylbenzene
Concen: 23.563 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

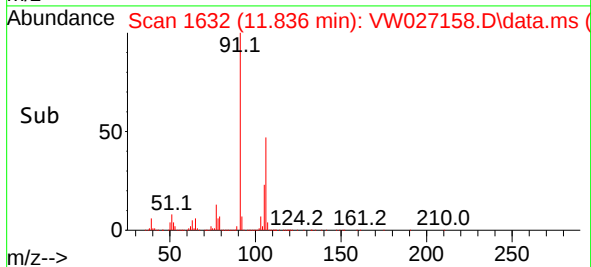
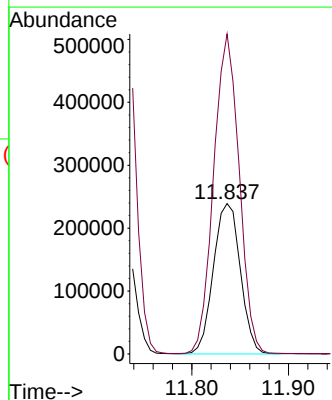
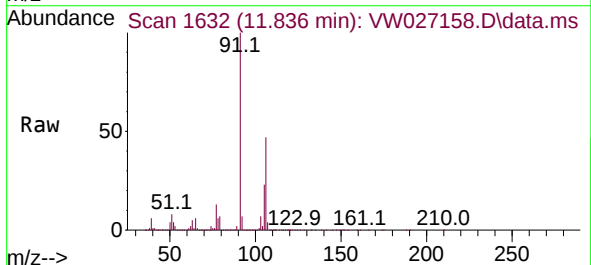
Instrument :
MSVOA_W
ClientSampleId :

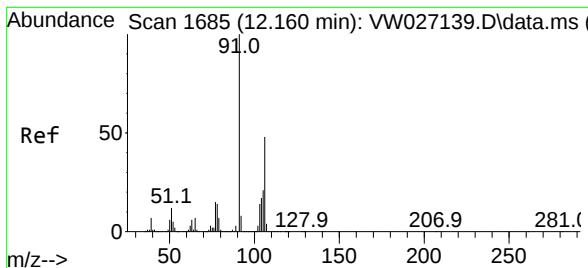
Tgt Ion: 91 Resp: 1178321
Ion Ratio Lower Upper
91 100
106 31.8 21.8 40.4



#53
m,p-Xylene
Concen: 24.089 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion:106 Resp: 461972
Ion Ratio Lower Upper
106 100
91 212.9 142.7 265.1





#54

o-Xylene

Concen: 23.967 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

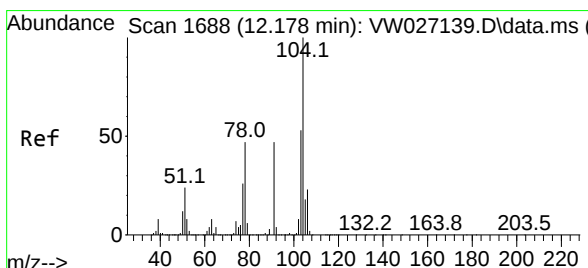
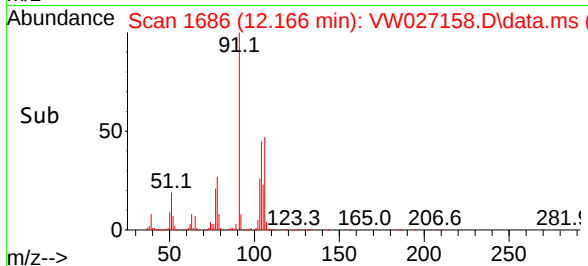
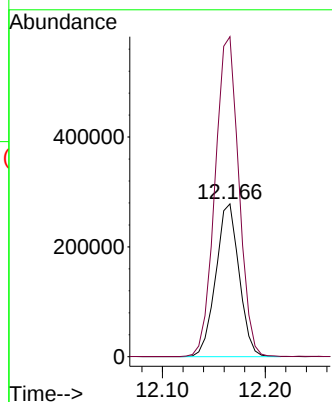
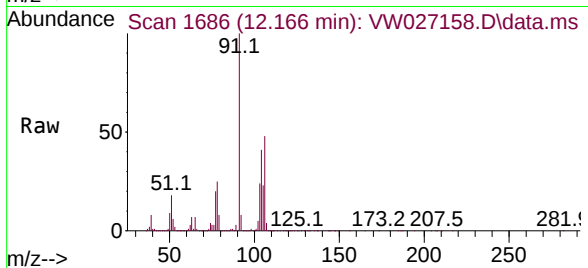
ClientSampleId :

Tgt Ion:106 Resp: 437871

Ion Ratio Lower Upper

106 100

91 209.4 140.6 261.0



#55

Styrene

Concen: 24.141 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027158.D

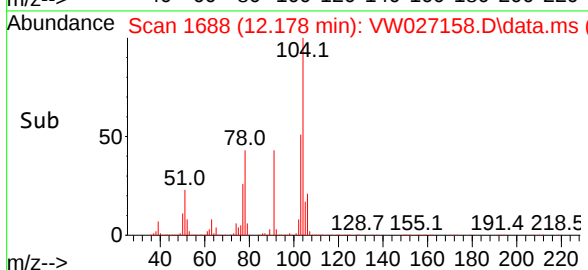
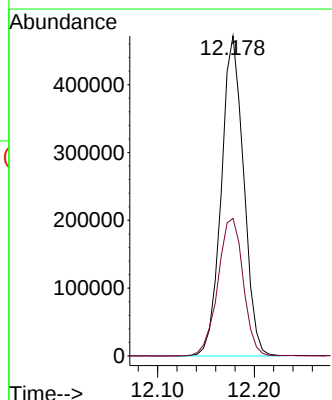
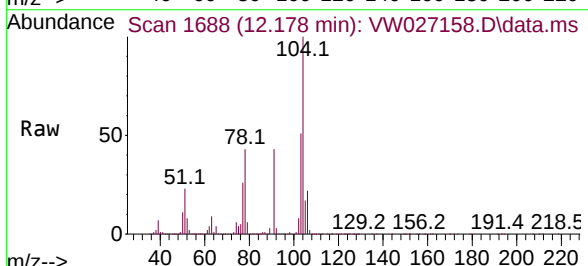
Acq: 19 Sep 2023 19:27

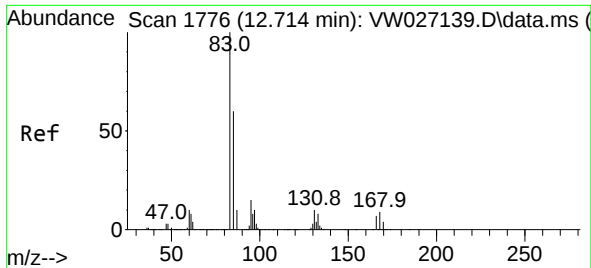
Tgt Ion:104 Resp: 755696

Ion Ratio Lower Upper

104 100

78 43.0 30.2 56.0

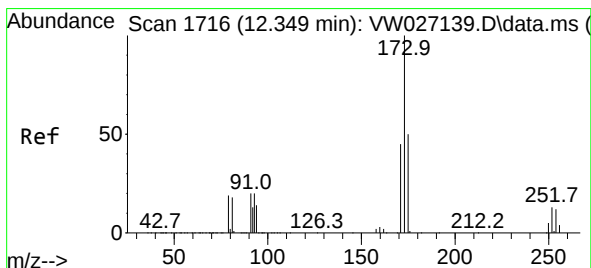
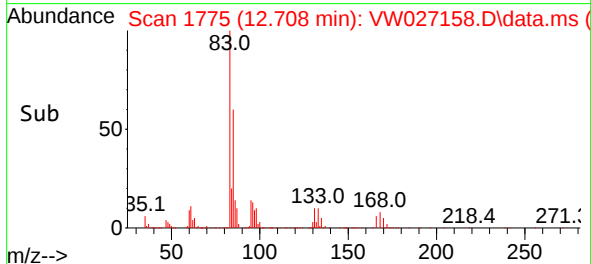
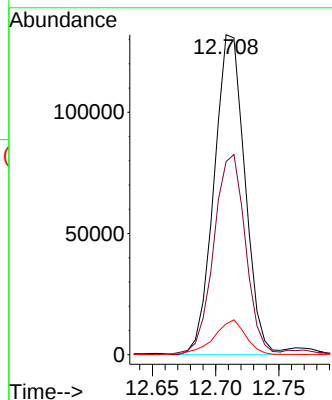
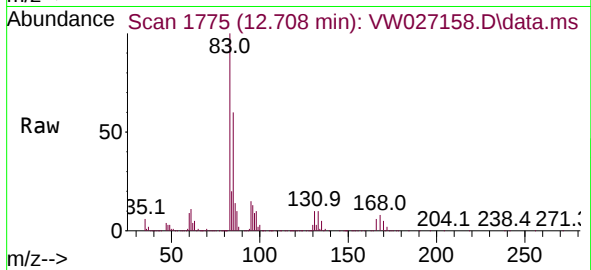




#57
1,1,2,2-Tetrachloroethane
Concen: 23.136 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

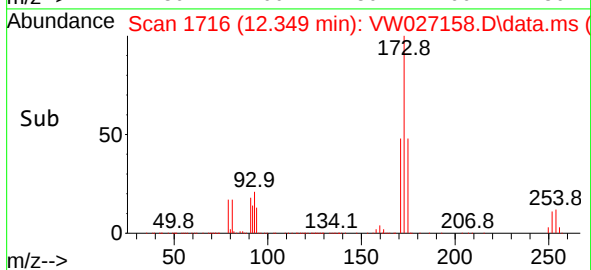
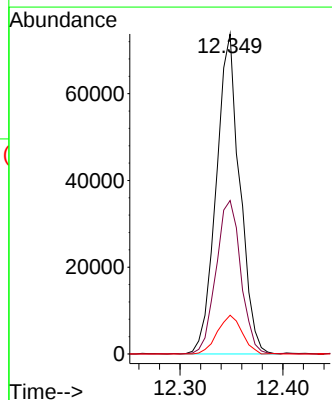
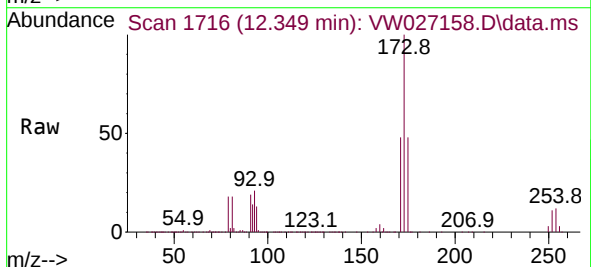
Instrument :
MSVOA_W
ClientSampleId :

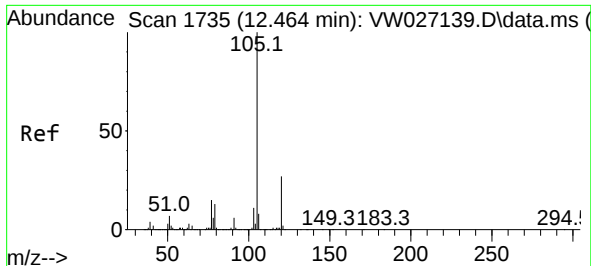
Tgt Ion: 83 Resp: 223497
Ion Ratio Lower Upper
83 100
85 60.3 42.5 78.9
131 9.6 7.8 11.8



#59
Bromoform
Concen: 22.121 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

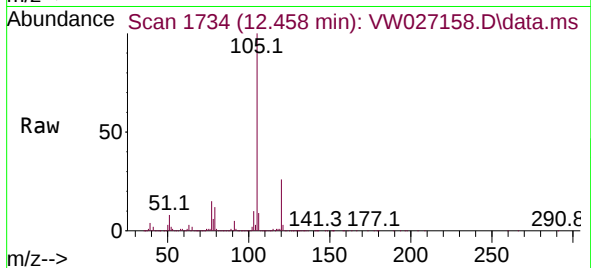
Tgt Ion: 173 Resp: 117478
Ion Ratio Lower Upper
173 100
175 50.3 36.6 55.0
254 12.6 10.0 15.0



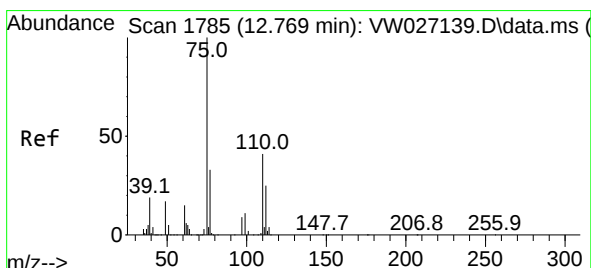
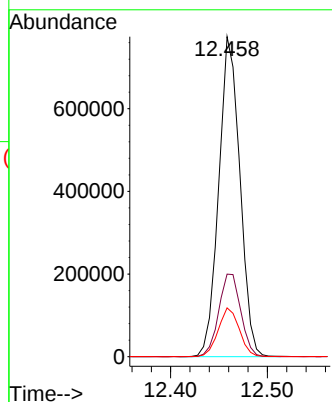
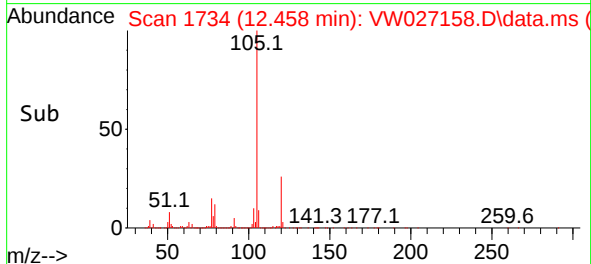


#60
Isopropylbenzene
Concen: 23.903 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

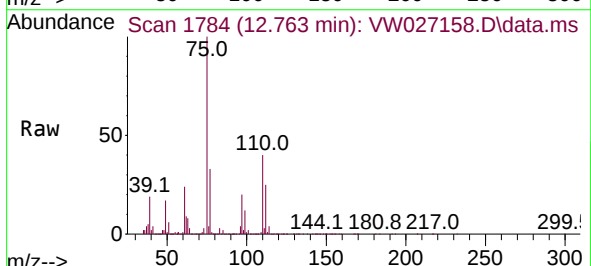
Instrument :
MSVOA_W
ClientSampleId :



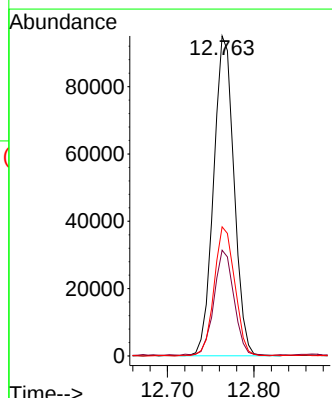
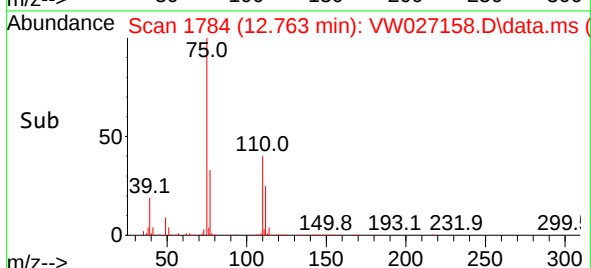
Tgt Ion:105 Resp: 1173979
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.4
77 15.2 12.0 18.0

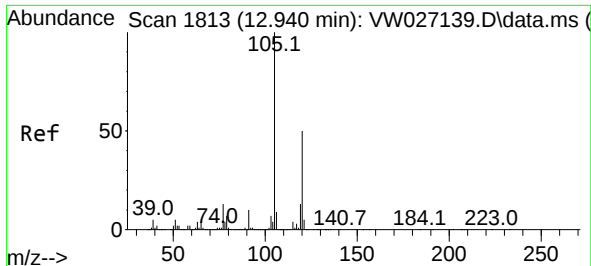


#61
1,2,3-Trichloropropane
Concen: 22.723 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27



Tgt Ion: 75 Resp: 155350
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
110 40.6 31.6 47.4

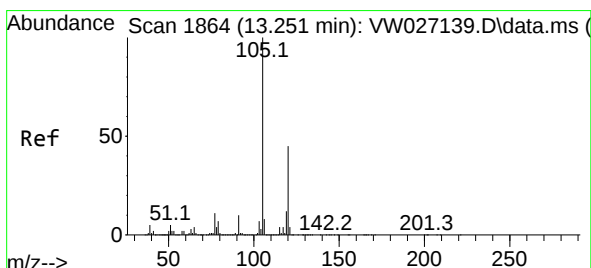
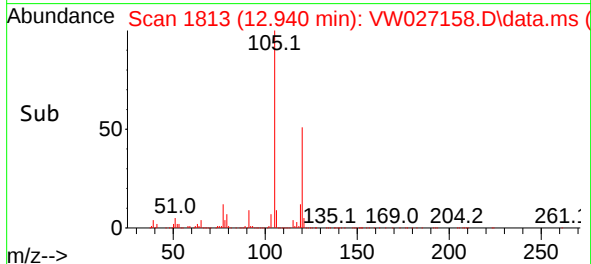
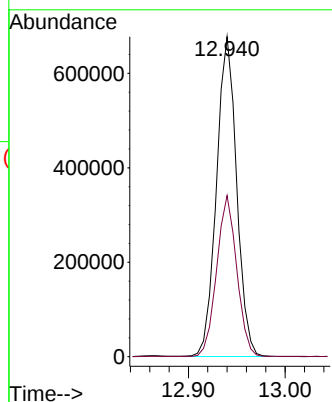
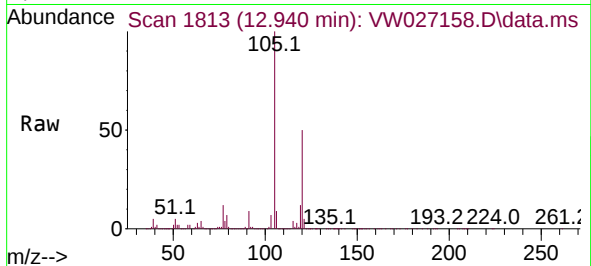




#62
1,3,5-Trimethylbenzene
Concen: 24.895 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

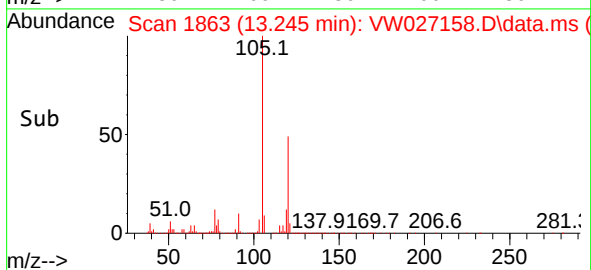
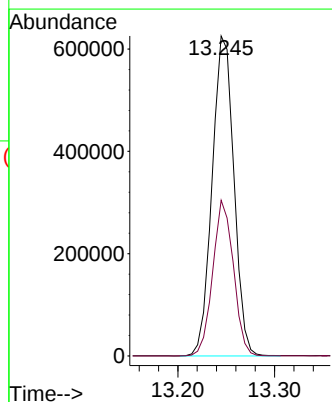
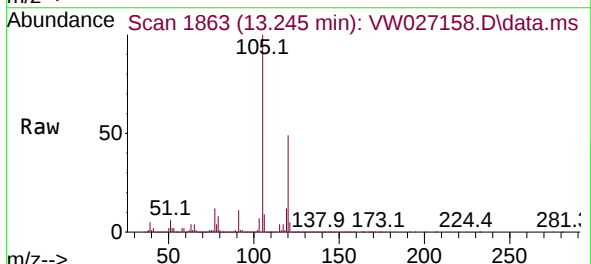
Instrument :
MSVOA_W
ClientSampleId :

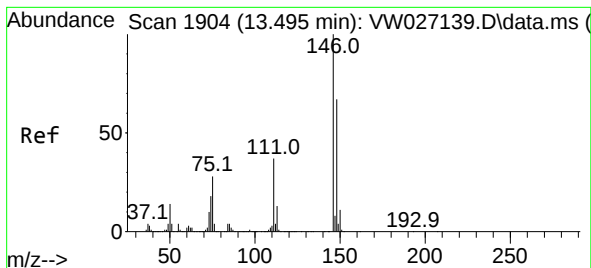
Tgt Ion:105 Resp: 978486
Ion Ratio Lower Upper
105 100
120 50.2 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 25.683 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion:105 Resp: 978062
Ion Ratio Lower Upper
105 100
120 46.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 23.334 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

ClientSampleId :

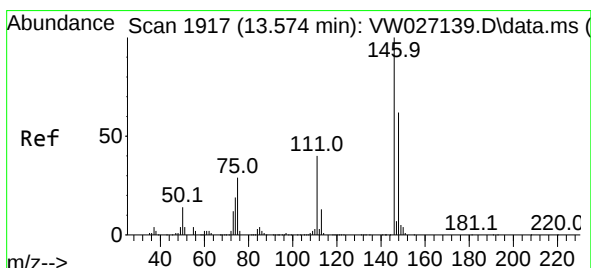
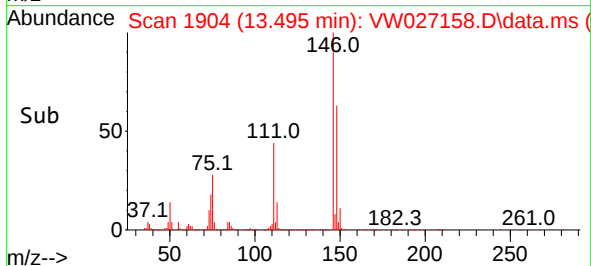
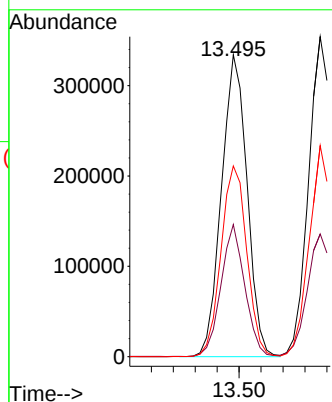
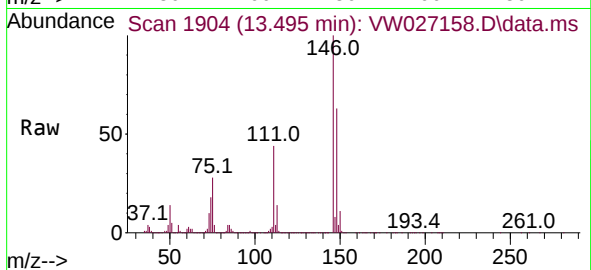
Tgt Ion:146 Resp: 541927

Ion Ratio Lower Upper

146 100

111 43.8 27.6 51.4

148 63.1 46.0 85.4



#65

1,4-Dichlorobenzene

Concen: 23.093 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

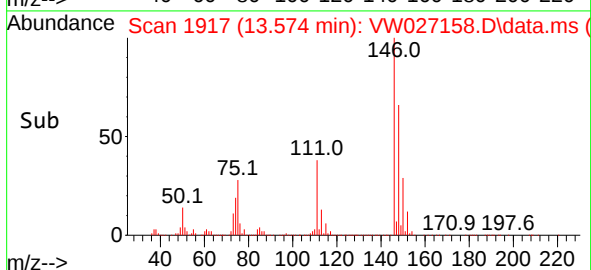
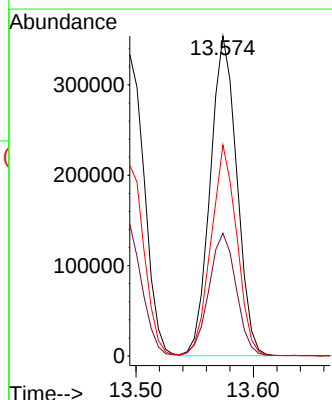
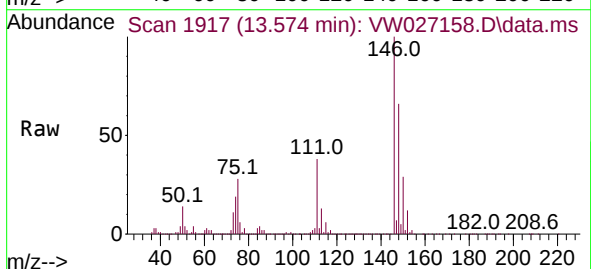
Tgt Ion:146 Resp: 557425

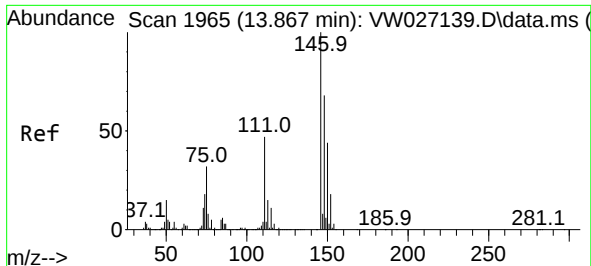
Ion Ratio Lower Upper

146 100

111 38.4 28.1 52.1

148 66.0 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 23.265 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

ClientSampleId :

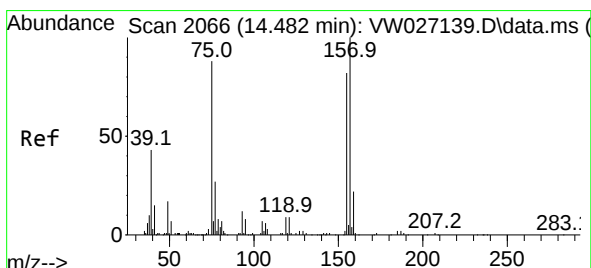
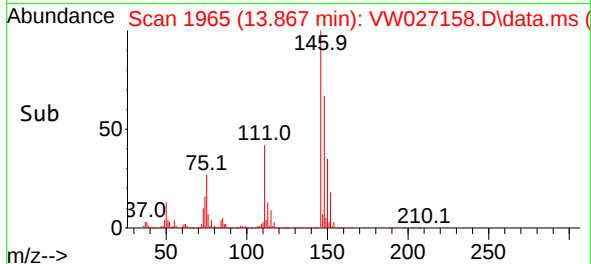
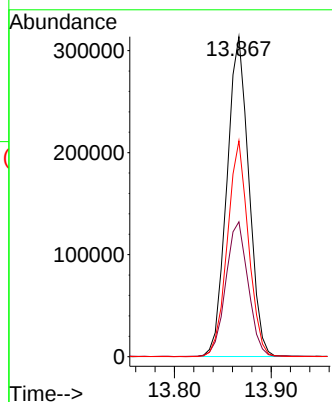
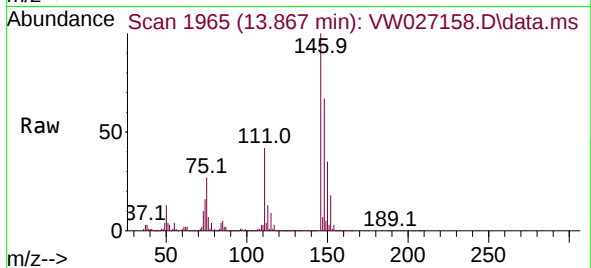
Tgt Ion:146 Resp: 493862

Ion Ratio Lower Upper

146 100

111 42.2 32.2 48.2

148 67.5 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.251 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

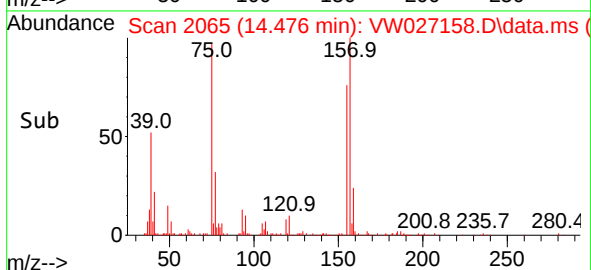
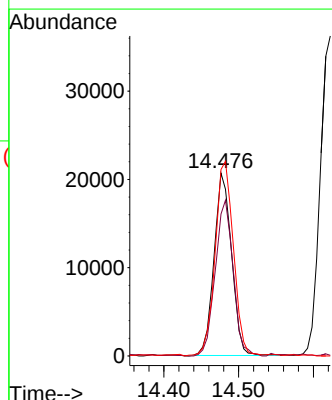
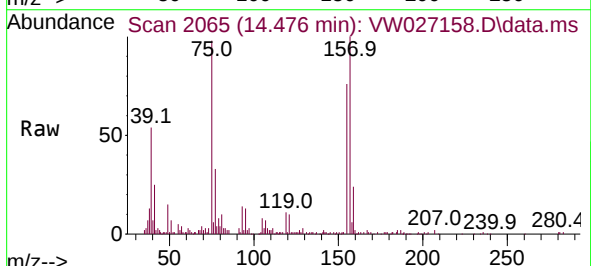
Tgt Ion: 75 Resp: 33688

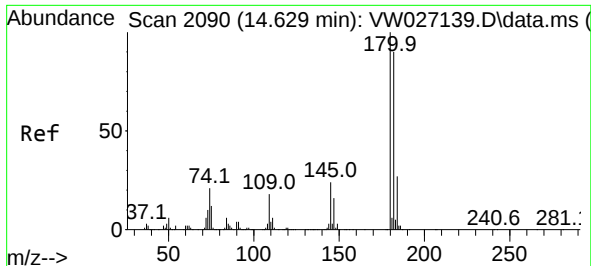
Ion Ratio Lower Upper

75 100

155 77.7 58.7 88.1

157 102.0 95.9 143.9

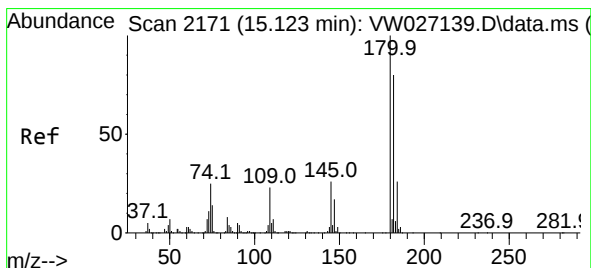
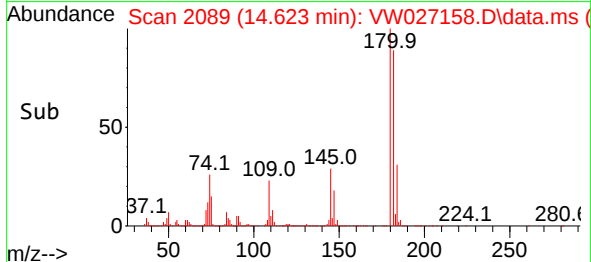
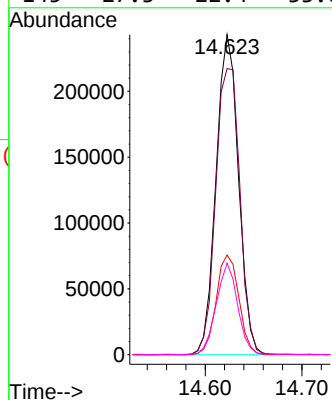
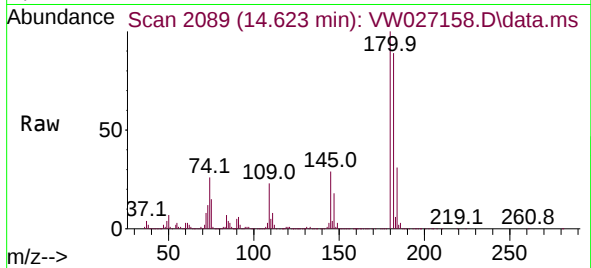




#69
1,3,5-Trichlorobenzene
Concen: 23.401 ug/L
RT: 14.623 min Scan# 2090
Delta R.T. -0.006 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

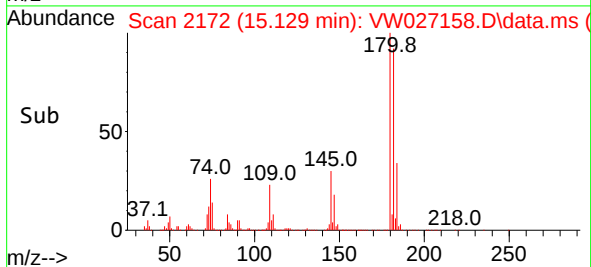
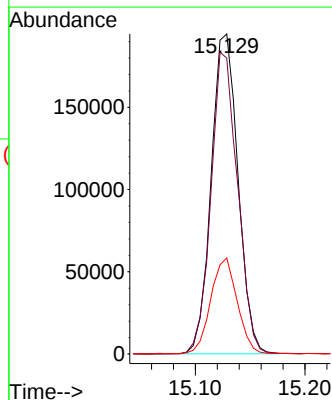
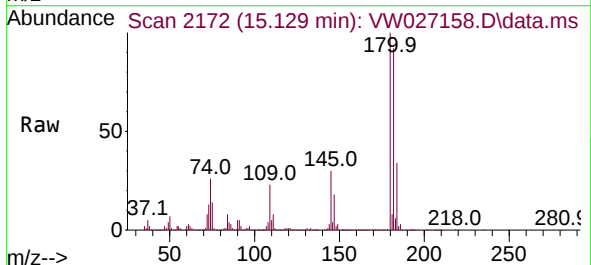
Instrument :
MSVOA_W
ClientSampleId :

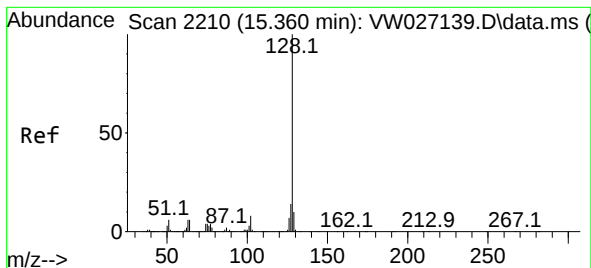
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.6	115.0
184	31.4	23.8	35.8
145	27.3	22.4	33.6



#70
1,2,4-trichlorobenzene
Concen: 24.962 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW027158.D
Acq: 19 Sep 2023 19:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	78.2	117.4
145	29.5	24.6	36.8





#71

Naphthalene

Concen: 28.171 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Instrument :

MSVOA_W

ClientSampleId :

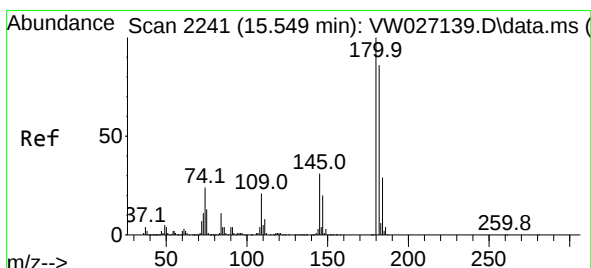
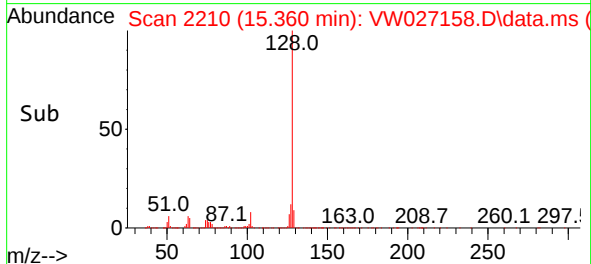
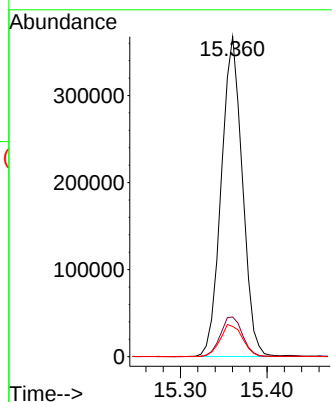
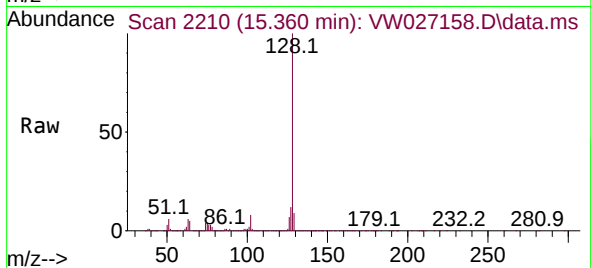
Tgt Ion:128 Resp: 620931

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.431 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027158.D

Acq: 19 Sep 2023 19:27

Tgt Ion:180 Resp: 292217

Ion Ratio Lower Upper

180 100

182 91.7 79.0 118.6

145 29.9 25.4 38.2

