

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027137.D
 Acq On : 18 Sep 2023 19:15
 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 18 22:40:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	526758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	520881	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	308458	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	182625	21.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
7) Chloroethane-d5	3.046	69	324	0.050	ug/L	0.15
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.200%#
11) 1,1-Dichloroethene-d2	4.021	65	82621	22.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.960%
21) 2-Butanone-d5	7.075	46	76563	48.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.580%
24) Chloroform-d	7.648	84	387182	24.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	8.301	65	186082	24.098	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	8.276	84	827532	24.600	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	9.270	67	233327	24.513	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.040%
41) Toluene-d8	10.325	98	760835	25.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.640%
43) trans-1,3-Dichloroprop...	10.575	79	94456	24.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.240%
47) 2-Hexanone-d5	10.922	63	62191	54.223	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	188702	24.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.960%
66) 1,2-Dichlorobenzene-d4	13.849	152	252278	22.902	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	112736	18.814	ug/L #	82
3) Chloromethane	2.223	50	145982	22.704	ug/L	99
5) Vinyl chloride	2.375	62	190327	21.755	ug/L	95
6) Bromomethane	2.783	94	134479	22.134	ug/L	97
8) Chloroethane	2.936	64	116069	22.751	ug/L	94
9) Trichlorofluoromethane	3.265	101	155220	22.847	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	188316	24.056	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	181909	23.679	ug/L	92
13) Acetone	4.125	43	57580	38.838	ug/L	100
14) Carbon disulfide	4.393	76	589733	23.027	ug/L	99
15) Methyl Acetate	4.673	43	66806	22.839	ug/L	98
16) Methylene chloride	4.917	84	233080	23.257	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	201051	24.116	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	288083	26.007	ug/L	99
19) 1,1-Dichloroethane	6.216	63	354835	24.272	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	220141	25.107	ug/L	96
22) 2-Butanone	7.173	43	92564	46.218	ug/L	96
23) Bromochloromethane	7.514	128	99057	24.539	ug/L	94
25) Chloroform	7.679	83	360693	24.023	ug/L	97

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 Response via : Initial Calibration

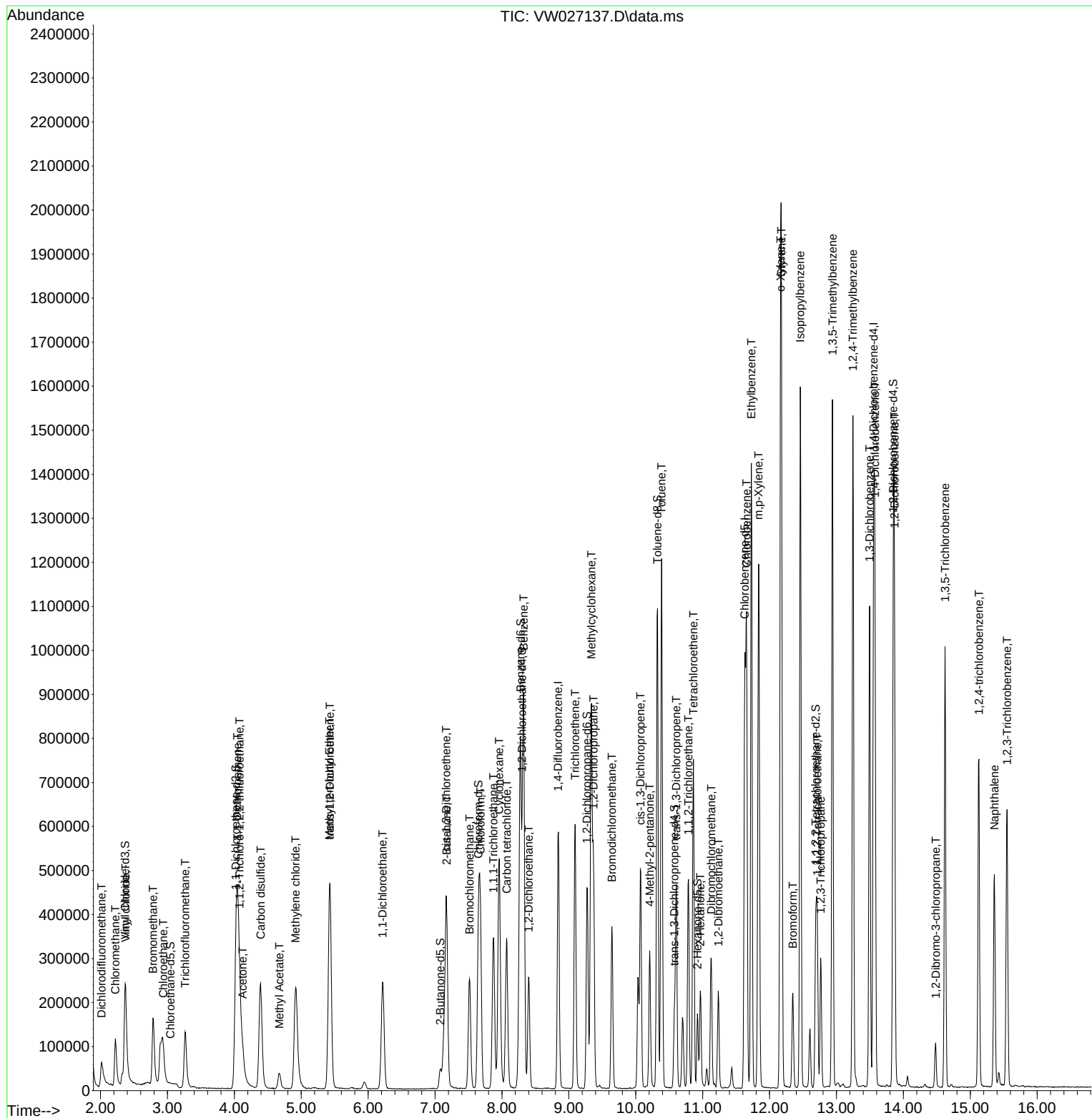
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	227272	24.980	ug/L	99
29) Cyclohexane	7.959	56	309803	24.849	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	286650	23.286	ug/L	98
31) Carbon tetrachloride	8.069	117	259765	23.812	ug/L	99
33) Benzene	8.325	78	852239	24.772	ug/L	100
34) Trichloroethene	9.093	95	216380	23.799	ug/L	96
35) Methylcyclohexane	9.337	83	374621	24.156	ug/L	99
37) 1,2-Dichloropropane	9.368	63	205457	24.048	ug/L	100
38) Bromodichloromethane	9.642	83	257112	24.608	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	318401	24.879	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	189955	49.575	ug/L	98
42) Toluene	10.386	91	907512	24.964	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	264695	24.645	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	159128	24.206	ug/L	97
46) Tetrachloroethene	10.861	164	175535	22.906	ug/L	87
48) 2-Hexanone	10.965	43	132170	47.832	ug/L	99
49) Dibromochloromethane	11.130	129	160244	23.292	ug/L	88
50) 1,2-Dibromoethane	11.233	107	146833	24.338	ug/L	96
51) Chlorobenzene	11.654	112	576739	24.040	ug/L	96
52) Ethylbenzene	11.727	91	1004523	25.194	ug/L	99
53) m,p-Xylene	11.837	106	401341	26.248	ug/L	96
54) o-Xylene	12.166	106	373493	25.641	ug/L	100
55) Styrene	12.178	104	658889	26.399	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	189303	24.577	ug/L	99
59) Bromoform	12.349	173	105487	23.606	ug/L	99
60) Isopropylbenzene	12.459	105	1008256	24.398	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	131308	22.825	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	826541	24.992	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	814417	25.415	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	456219	23.345	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	456113	22.457	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	404958	22.672	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	26041	20.441	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	308123	21.904	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	259306	23.259	ug/L	96
71) Naphthalene	15.360	128	427745	23.063	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	217265	21.587	ug/L	96

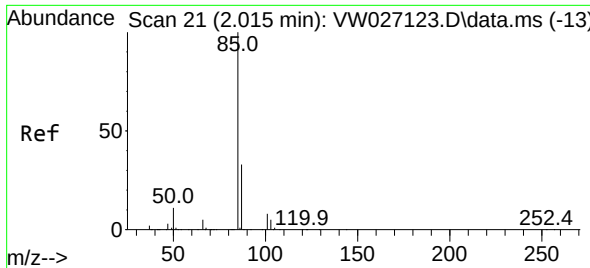
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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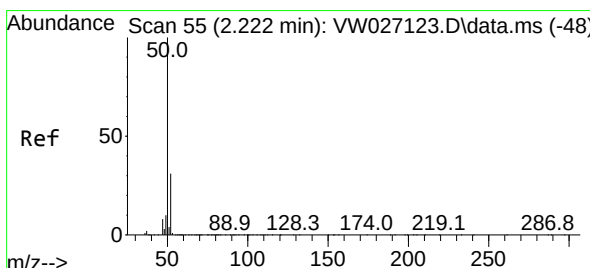
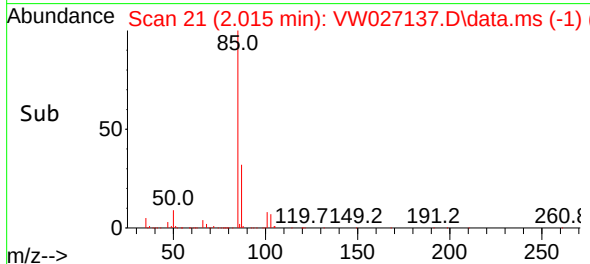
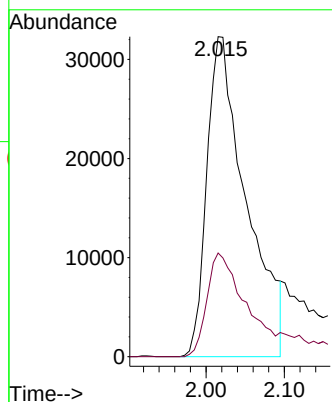
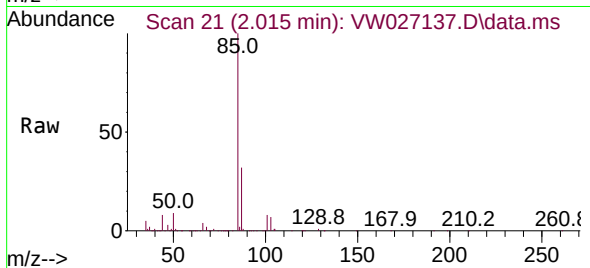




#2
 Dichlorodifluoromethane
 Concen: 18.814 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027137.D
 Acq: 18 Sep 2023 19:15

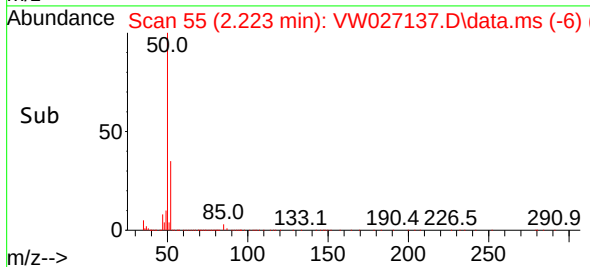
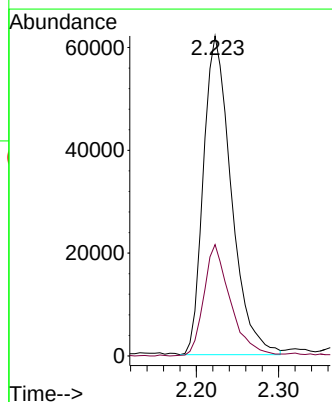
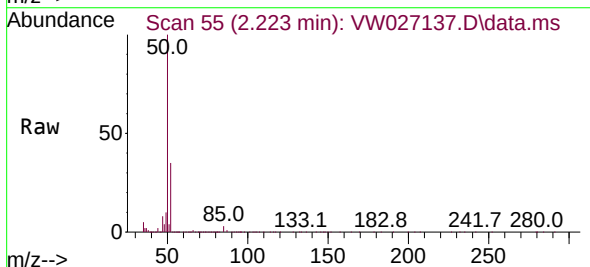
Instrument :
 MSVOA_W
 ClientSampleId :

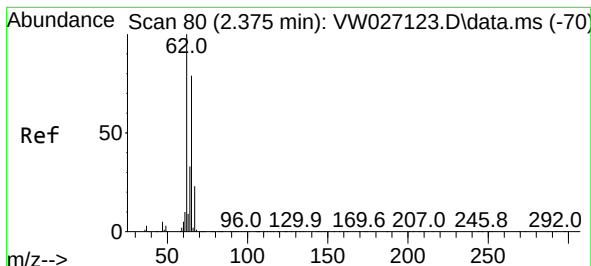
Tgt Ion: 85 Resp: 112736
 Ion Ratio Lower Upper
 85 100
 87 31.7 18.5 27.7#



#3
 Chloromethane
 Concen: 22.704 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027137.D
 Acq: 18 Sep 2023 19:15

Tgt Ion: 50 Resp: 145982
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.8 44.2





#5

Vinyl chloride

Concen: 21.755 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

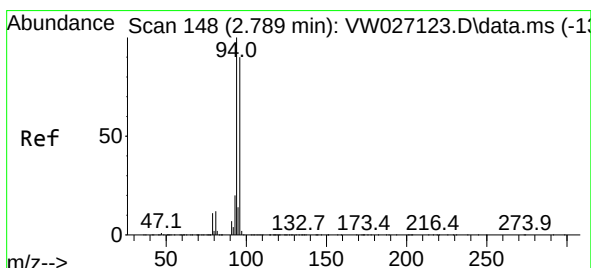
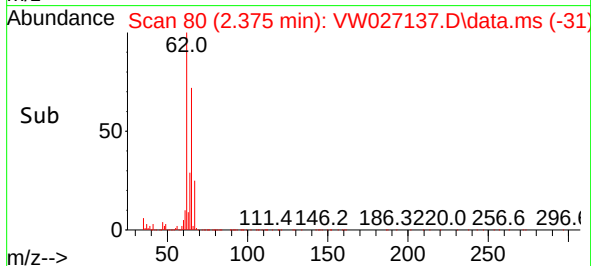
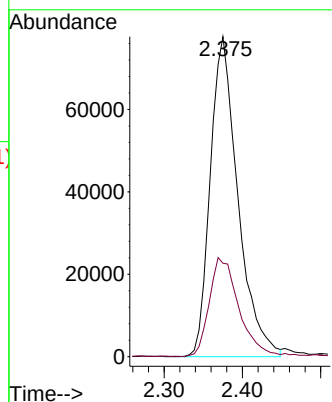
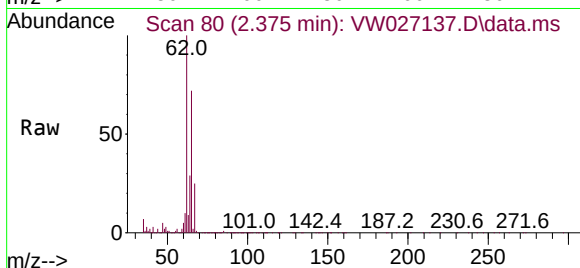
ClientSampleId :

Tgt Ion: 62 Resp: 190327

Ion Ratio Lower Upper

62 100

64 29.2 22.5 41.7



#6

Bromomethane

Concen: 22.134 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW027137.D

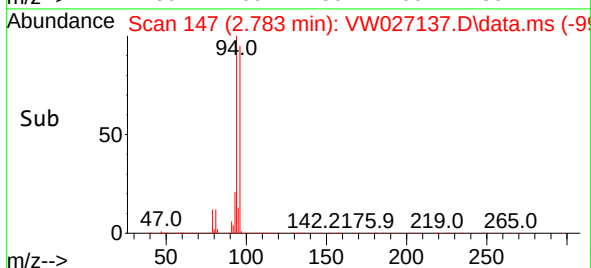
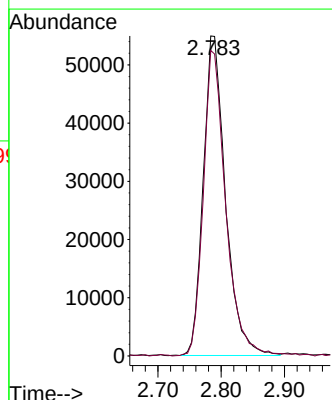
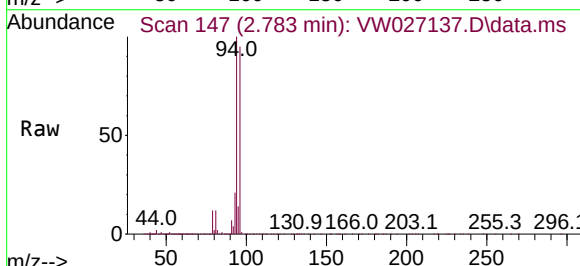
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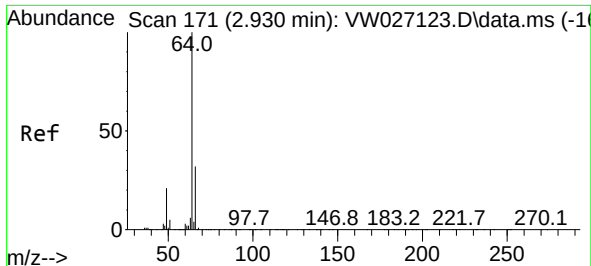
Tgt Ion: 94 Resp: 134479

Ion Ratio Lower Upper

94 100

96 95.4 65.0 120.8

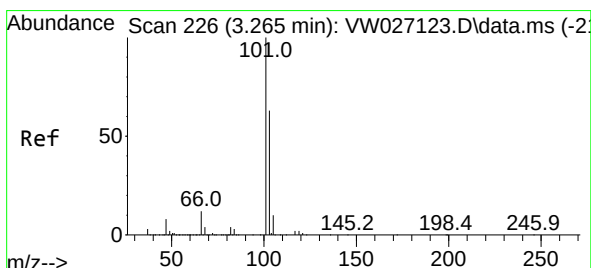
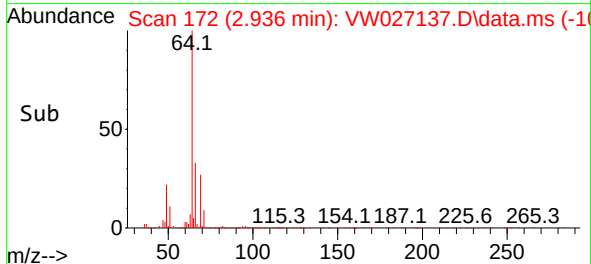
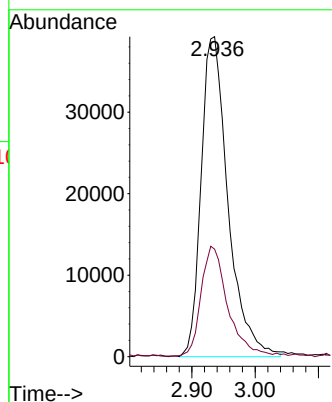
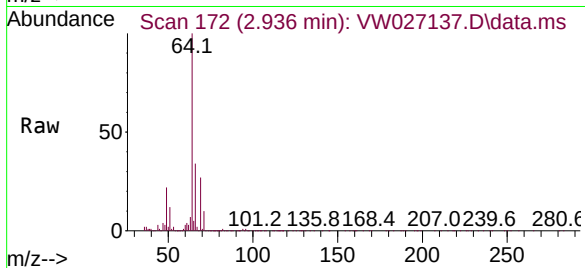




#8
Chloroethane
Concen: 22.751 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

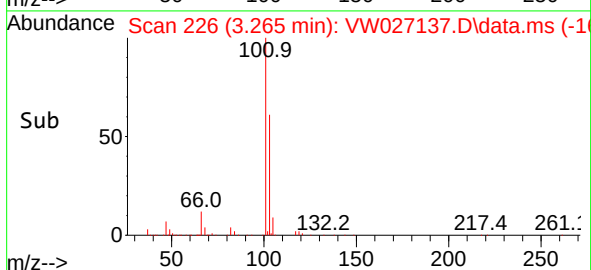
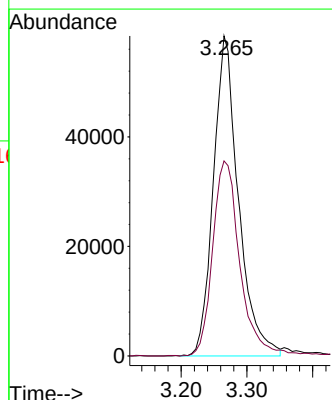
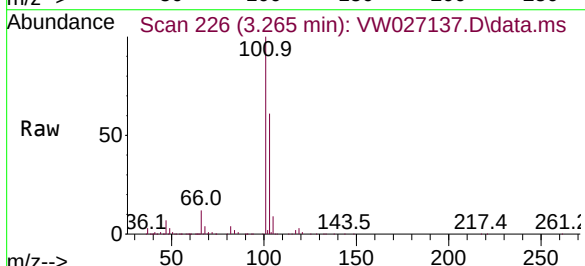
Instrument :
MSVOA_W
ClientSampleId :

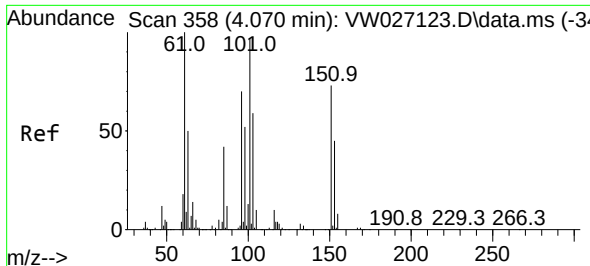
Tgt Ion: 64 Resp: 116069
Ion Ratio Lower Upper
64 100
66 33.6 21.3 39.6



#9
Trichlorofluoromethane
Concen: 22.847 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion:101 Resp: 155220
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3

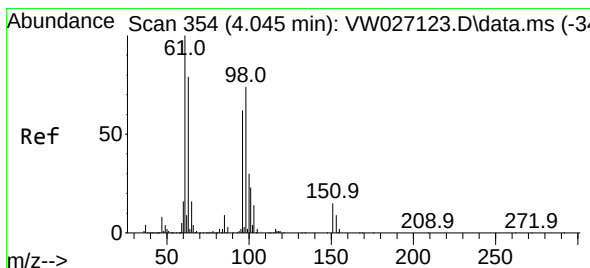
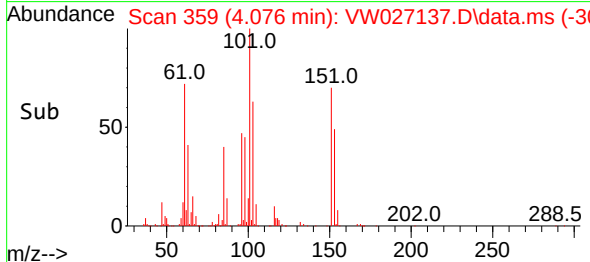
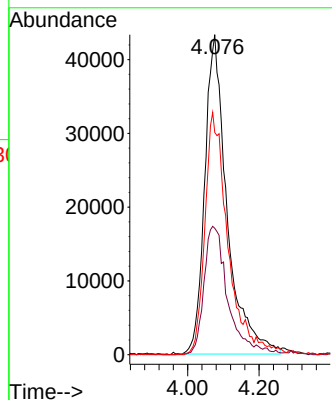
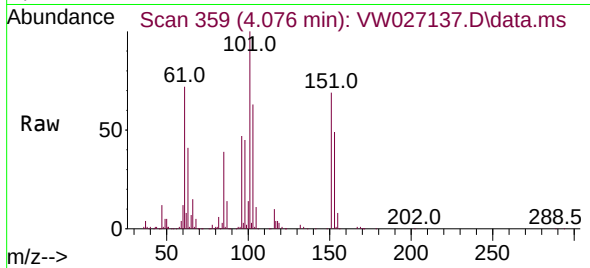




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.056 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW027137.D
 Acq: 18 Sep 2023 19:15

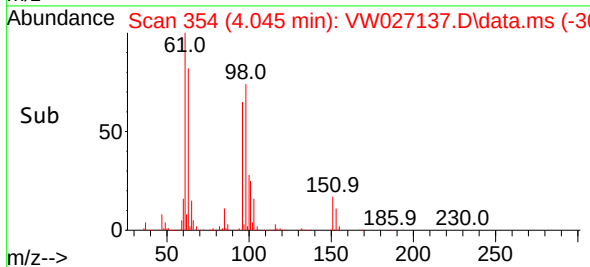
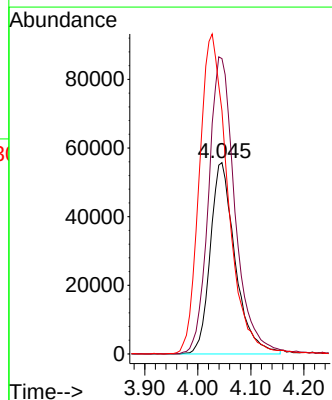
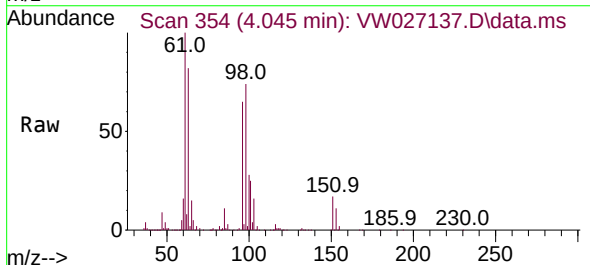
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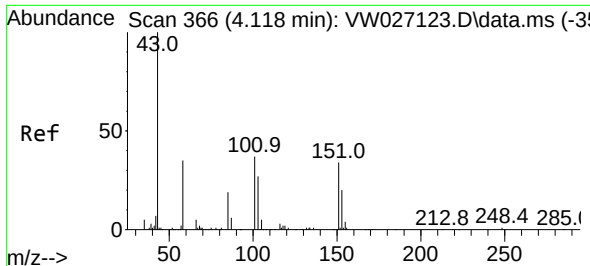
Tgt Ion:101 Resp: 188316
 Ion Ratio Lower Upper
 101 100
 85 41.1 35.7 53.5
 151 40.8 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 23.679 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027137.D
 Acq: 18 Sep 2023 19:15

Tgt Ion: 96 Resp: 181909
 Ion Ratio Lower Upper
 96 100
 61 154.4 112.5 208.9
 63 127.1 99.4 184.6

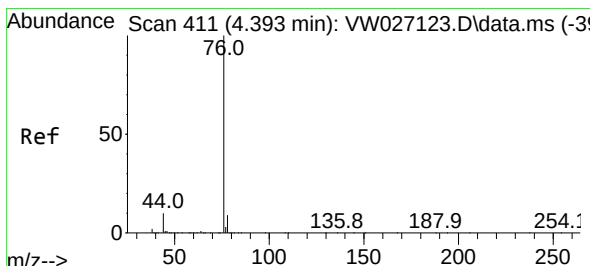
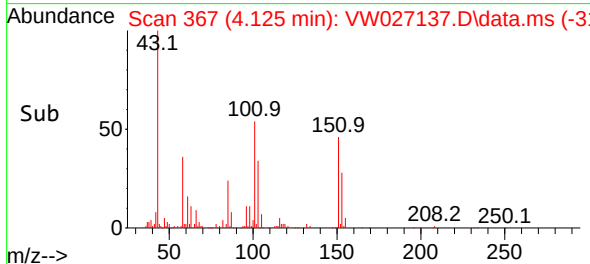
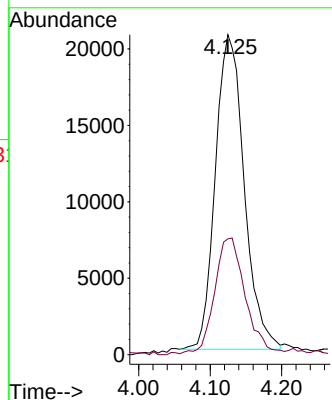
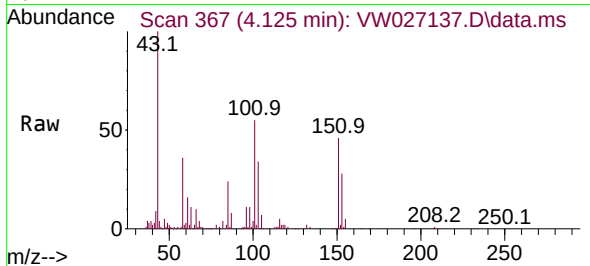




#13
Acetone
Concen: 38.838 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

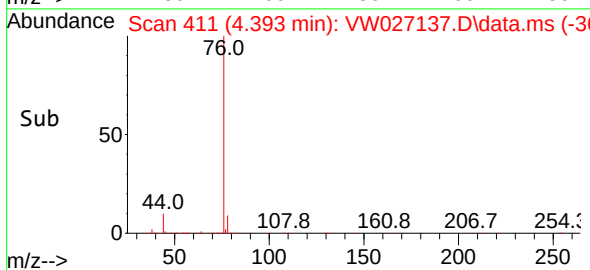
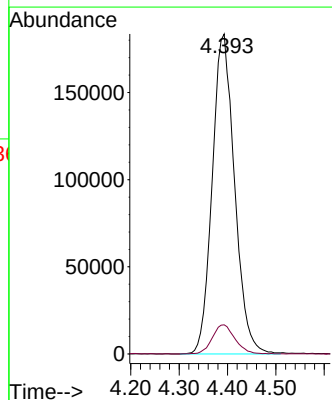
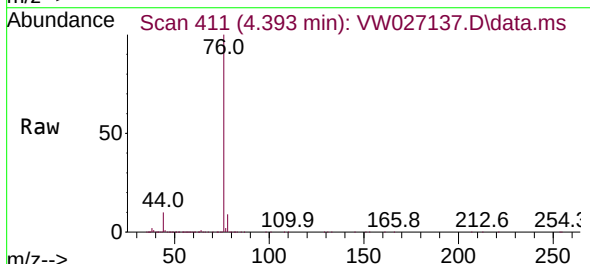
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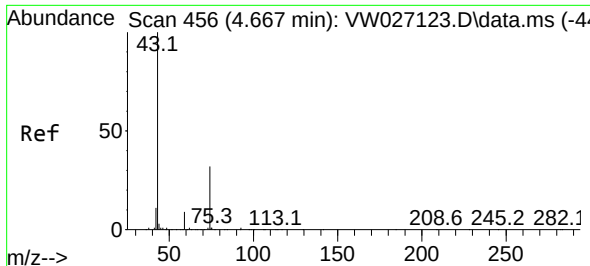
Tgt Ion: 43 Resp: 57580
Ion Ratio Lower Upper
43 100
58 39.0 0.0 77.4



#14
Carbon disulfide
Concen: 23.027 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 589733
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

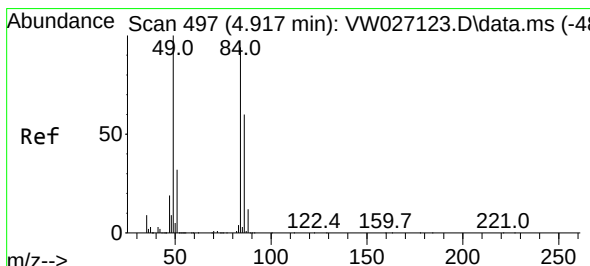
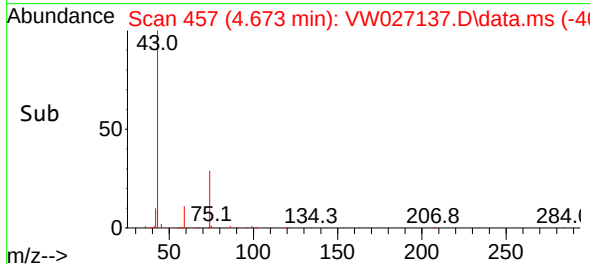
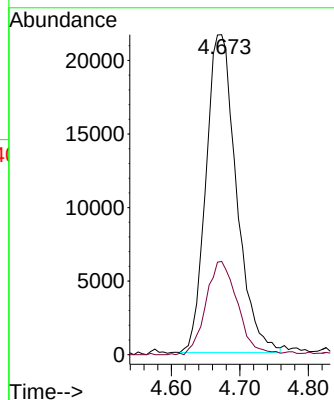
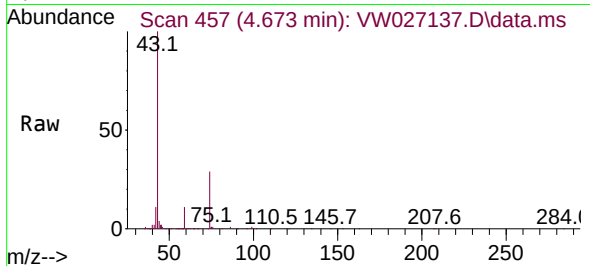




#15
Methyl Acetate
Concen: 22.839 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

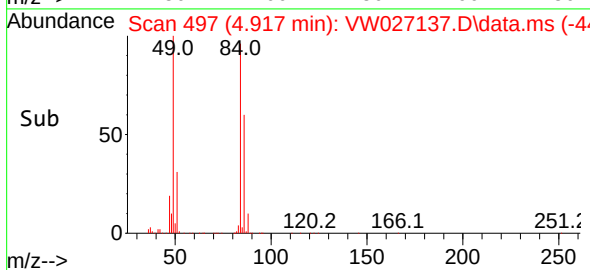
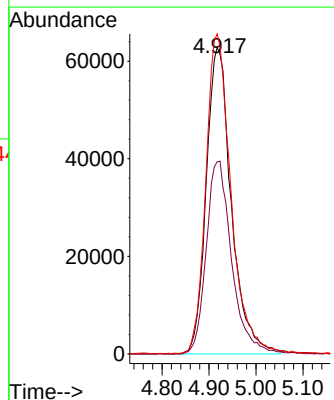
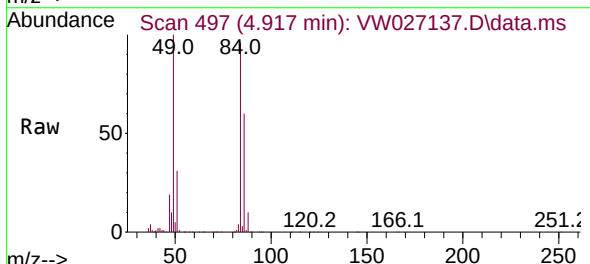
Instrument :
MSVOA_W
ClientSampleId :

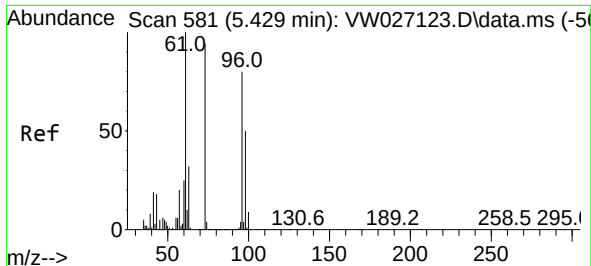
Tgt Ion: 43 Resp: 66806
Ion Ratio Lower Upper
43 100
74 30.0 23.2 34.8



#16
Methylene chloride
Concen: 23.257 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion: 84 Resp: 233080
Ion Ratio Lower Upper
84 100
86 62.6 46.7 86.7
49 104.3 77.1 143.1

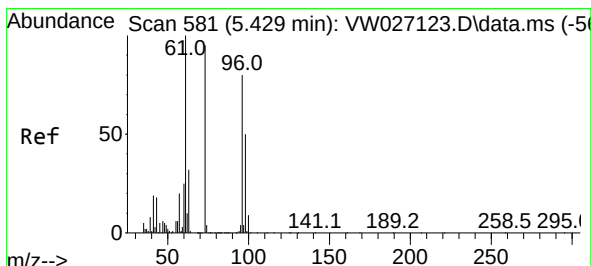
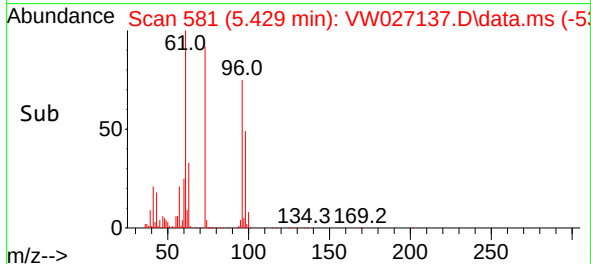
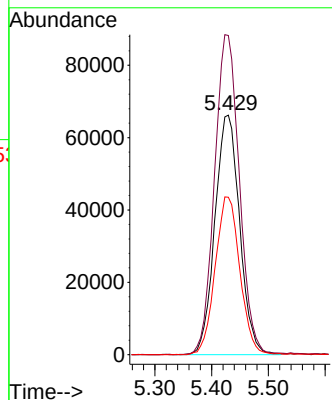
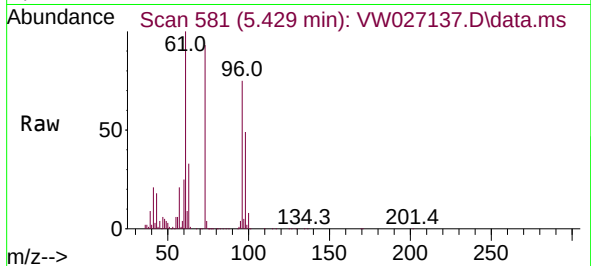




#17
trans-1,2-Dichloroethene
Concen: 24.116 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

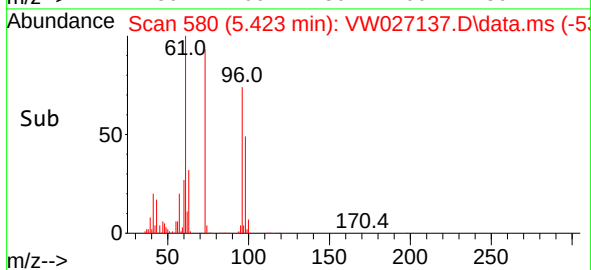
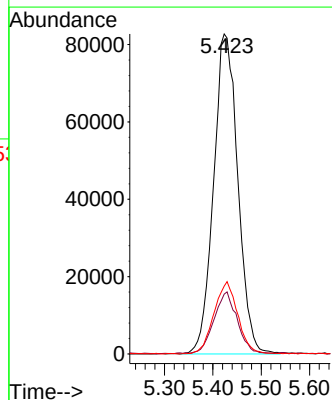
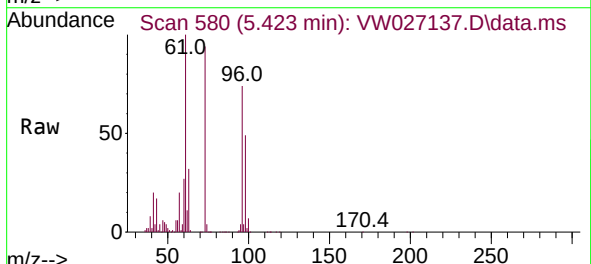
Instrument :
MSVOA_W
ClientSampleId :

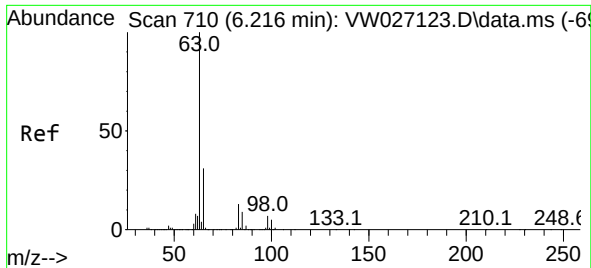
Tgt Ion: 96 Resp: 201051
Ion Ratio Lower Upper
96 100
61 133.3 91.2 169.4
98 65.7 42.8 79.4



#18
Methyl tert-butyl Ether
Concen: 26.007 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion: 73 Resp: 288083
Ion Ratio Lower Upper
73 100
43 18.4 15.2 22.8
57 22.2 17.6 26.4





#19

1,1-Dichloroethane

Concen: 24.272 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

ClientSampleId :

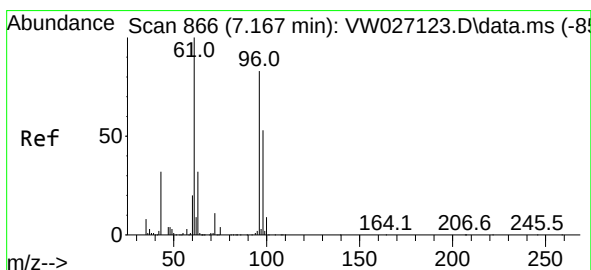
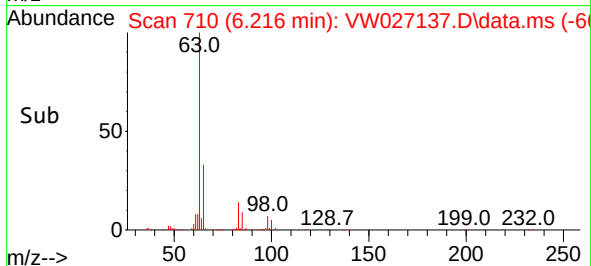
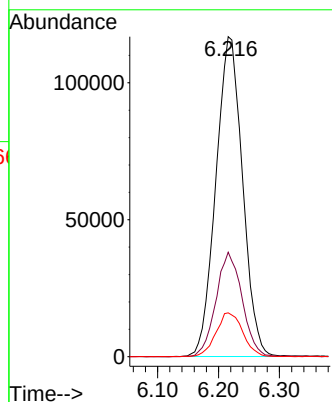
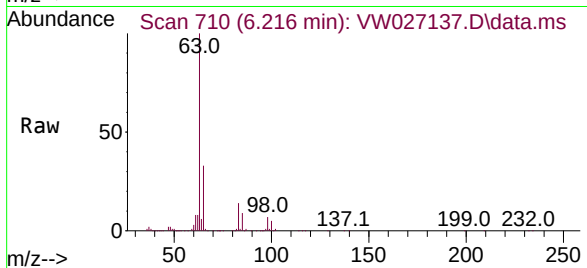
Tgt Ion: 63 Resp: 354835

Ion Ratio Lower Upper

63 100

65 32.6 22.6 42.0

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 25.107 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

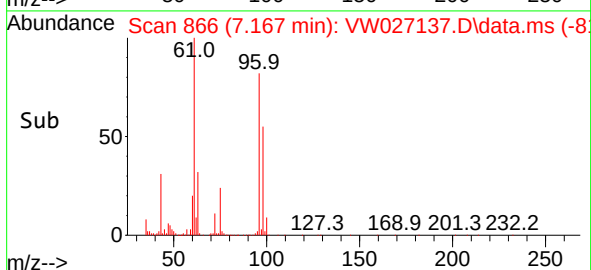
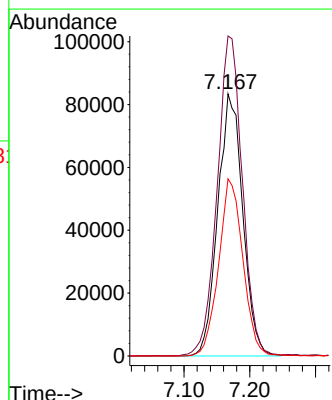
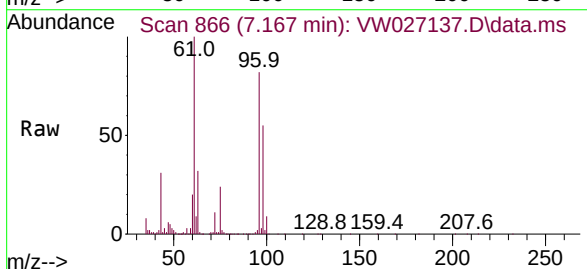
Tgt Ion: 96 Resp: 220141

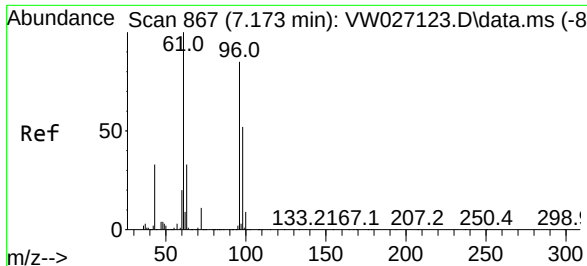
Ion Ratio Lower Upper

96 100

61 122.1 83.0 154.1

98 67.6 44.6 82.8

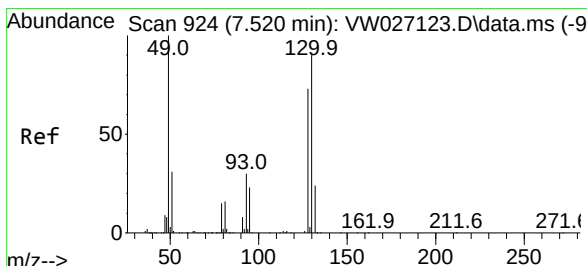
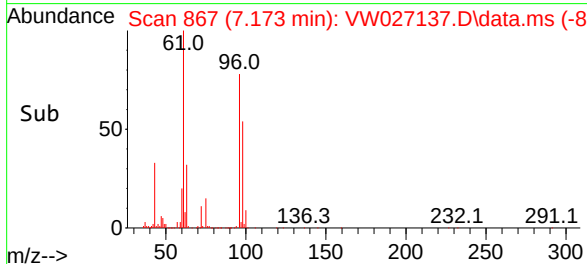
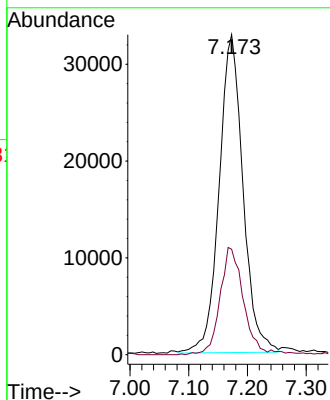
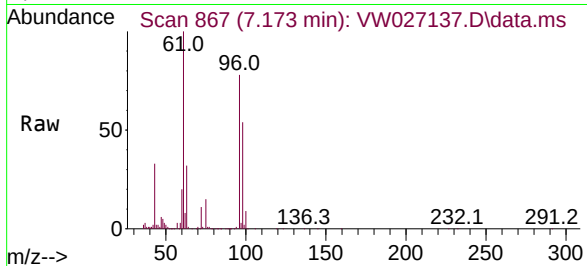




#22
2-Butanone
Concen: 46.218 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

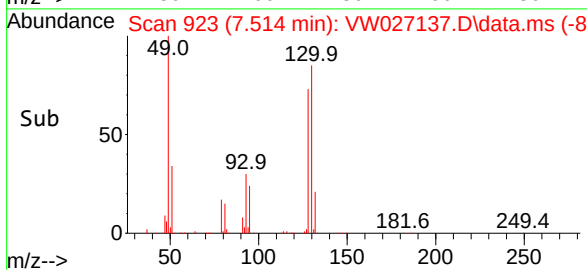
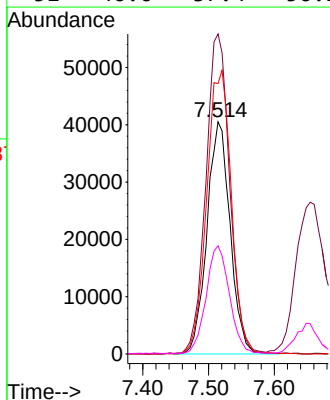
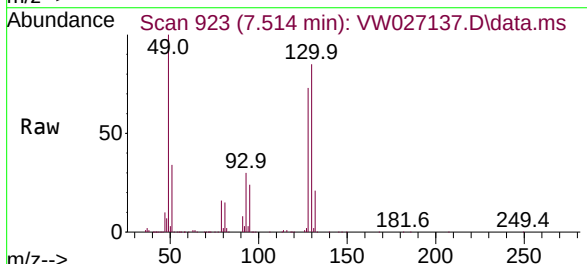
Instrument :
MSVOA_W
ClientSampleId :

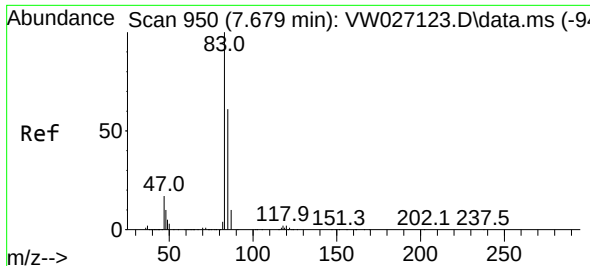
Tgt Ion: 43 Resp: 92564
Ion Ratio Lower Upper
43 100
72 31.5 16.8 50.4



#23
Bromochloromethane
Concen: 24.539 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion: 128 Resp: 99057
Ion Ratio Lower Upper
128 100
49 137.8 97.6 181.2
130 116.5 92.8 172.4
51 46.6 37.4 56.2

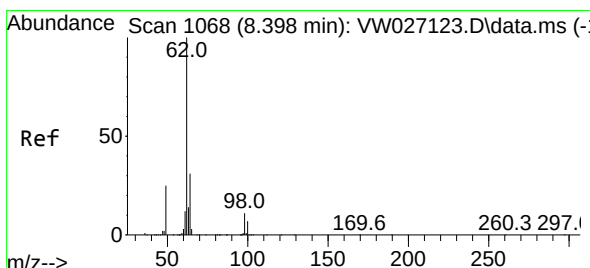
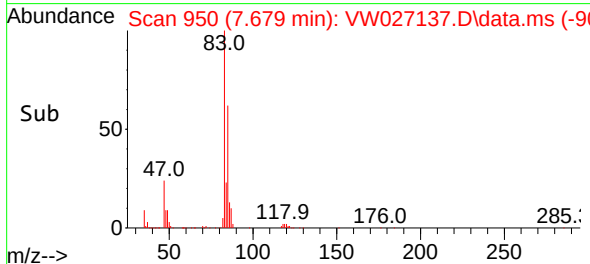
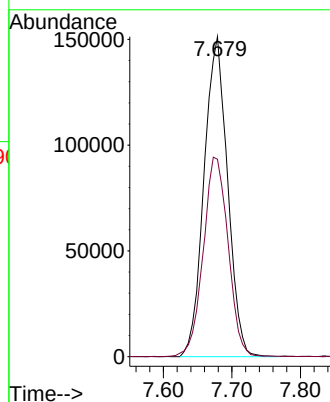
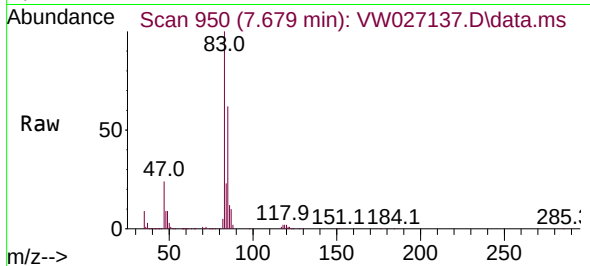




#25
Chloroform
Concen: 24.023 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

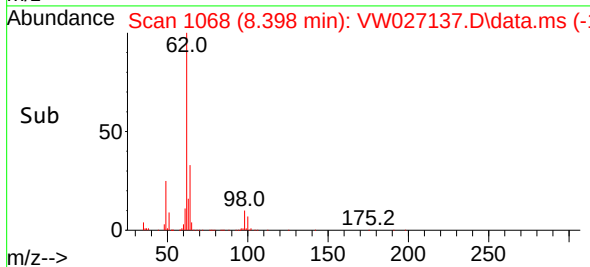
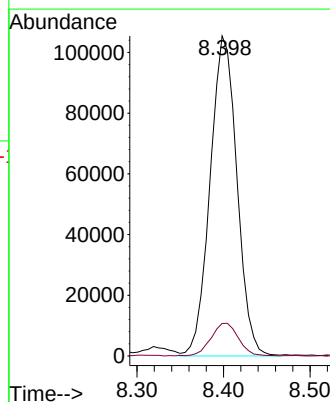
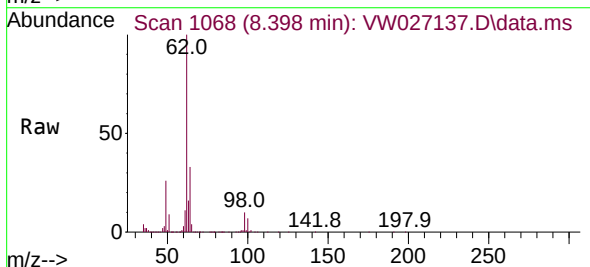
Instrument :
MSVOA_W
ClientSampleId :

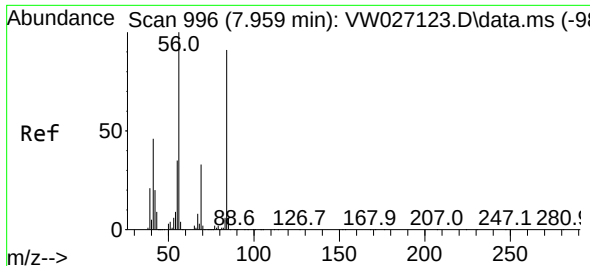
Tgt Ion: 83 Resp: 360693
Ion Ratio Lower Upper
83 100
85 61.7 44.9 83.5



#27
1,2-Dichloroethane
Concen: 24.980 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion: 62 Resp: 227272
Ion Ratio Lower Upper
62 100
98 10.2 8.4 12.6





#29

Cyclohexane

Concen: 24.849 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

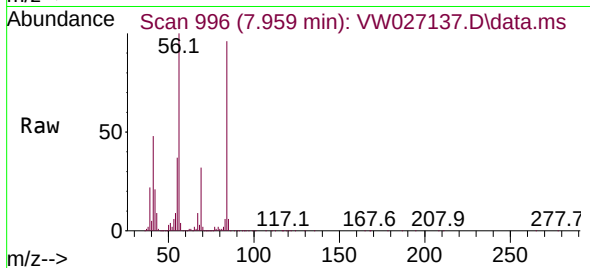
Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

ClientSampleId :



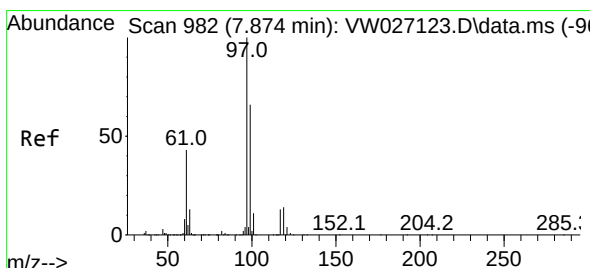
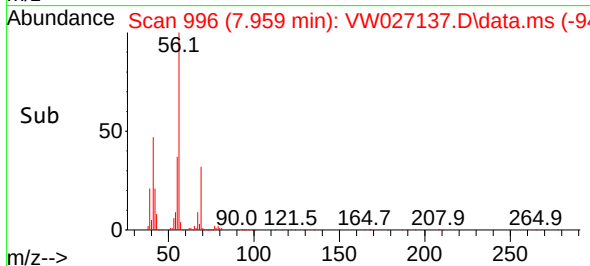
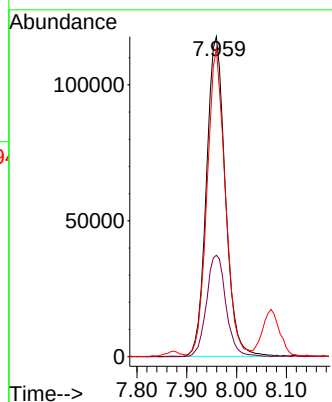
Tgt Ion: 56 Resp: 309803

Ion Ratio Lower Upper

56 100

69 32.8 26.5 39.7

84 93.2 74.4 111.6



#30

1,1,1-Trichloroethane

Concen: 23.286 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

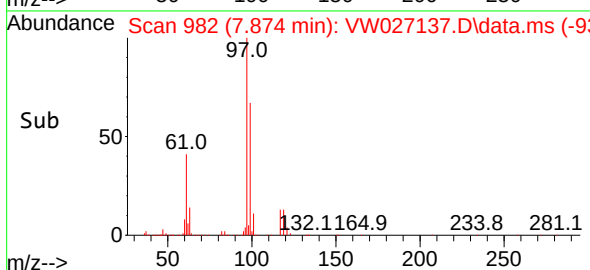
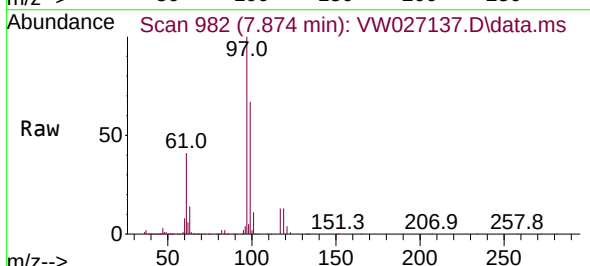
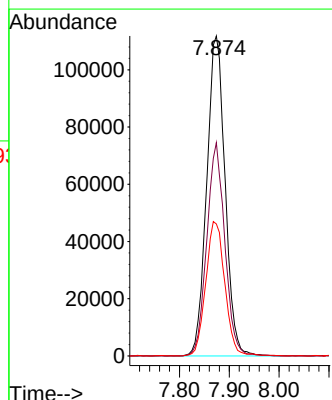
Tgt Ion: 97 Resp: 286650

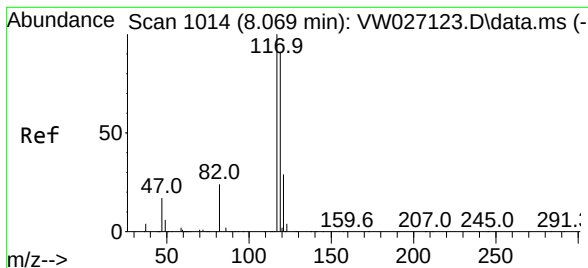
Ion Ratio Lower Upper

97 100

99 65.2 50.6 75.8

61 43.2 34.1 51.1





#31

Carbon tetrachloride

Concen: 23.812 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

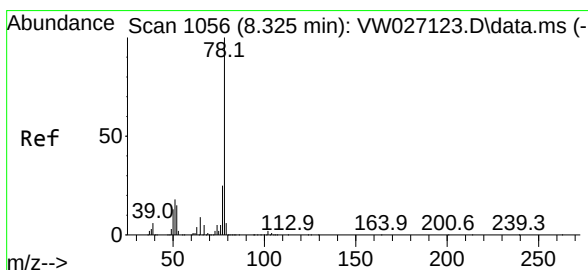
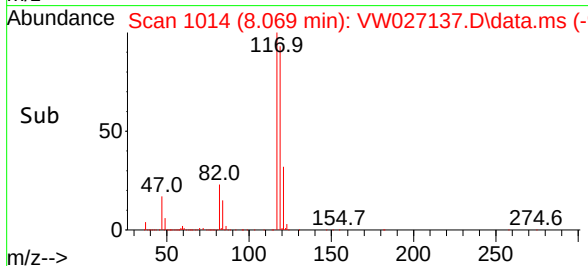
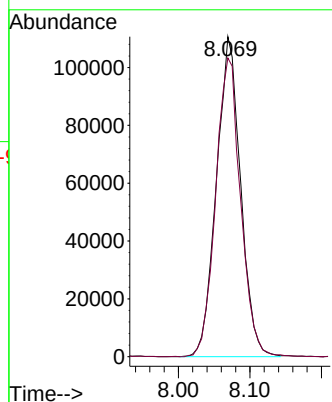
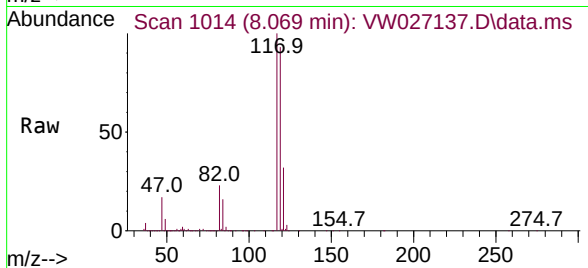
ClientSampleId :

Tgt Ion:117 Resp: 259765

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.0



#33

Benzene

Concen: 24.772 ug/L

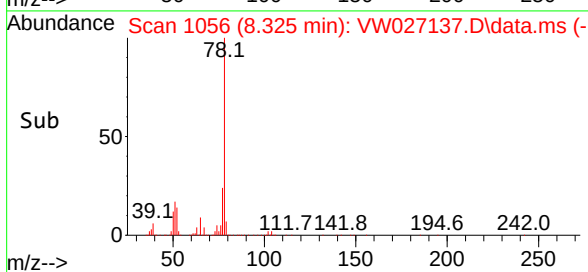
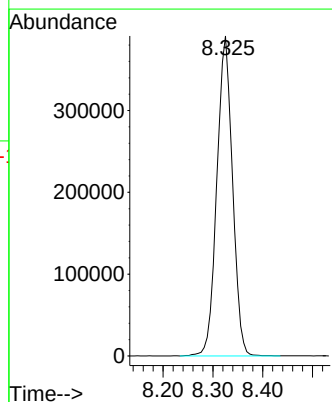
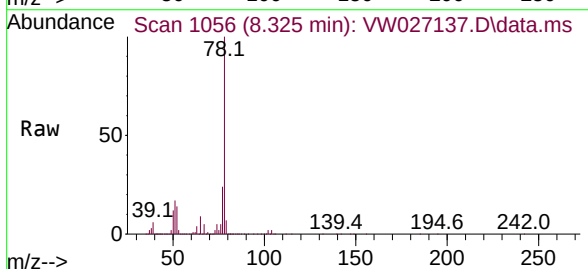
RT: 8.325 min Scan# 1056

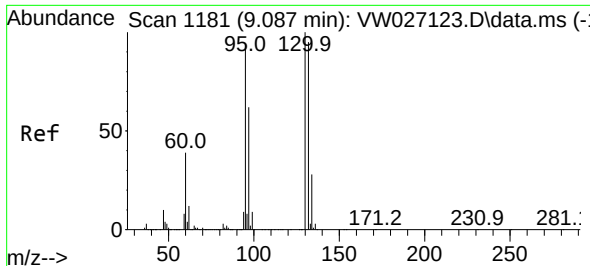
Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Tgt Ion: 78 Resp: 852239





#34

Trichloroethene

Concen: 23.799 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

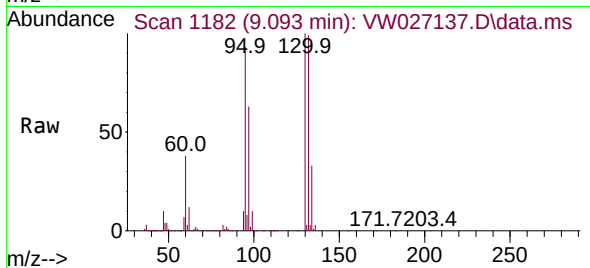
Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 216380

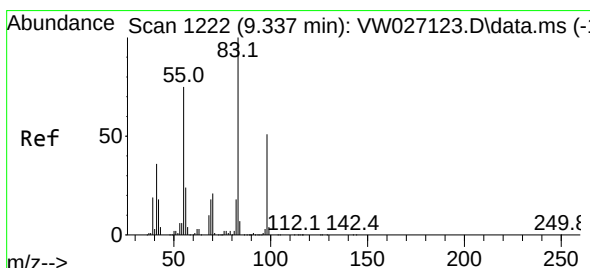
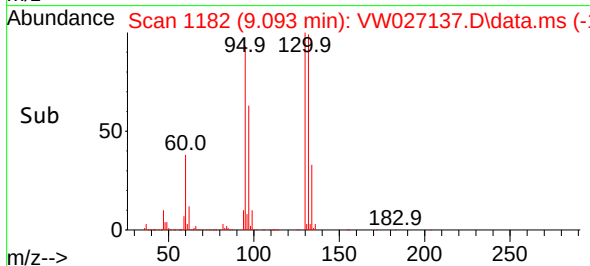
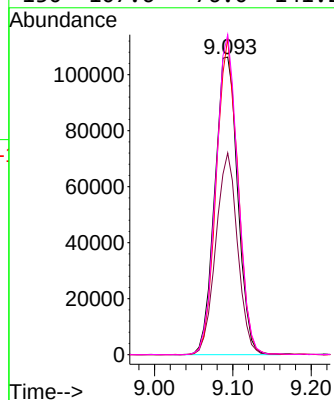
Ion Ratio Lower Upper

95 100

97 67.8 46.1 85.7

132 106.4 67.9 126.1

130 107.6 76.0 141.2



#35

Methylcyclohexane

Concen: 24.156 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

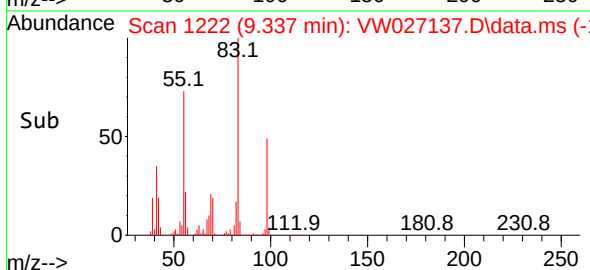
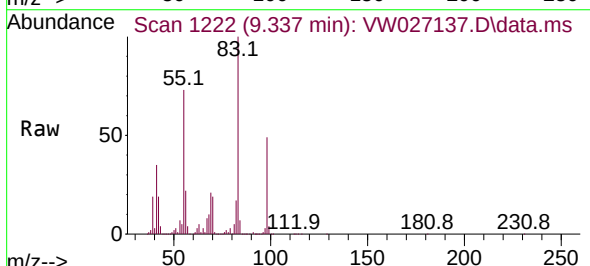
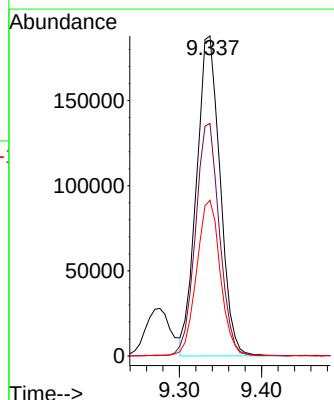
Tgt Ion: 83 Resp: 374621

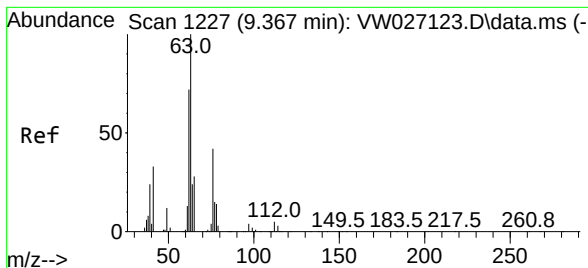
Ion Ratio Lower Upper

83 100

55 73.7 58.0 87.0

98 49.0 38.5 57.7





#37

1,2-Dichloropropane

Concen: 24.048 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

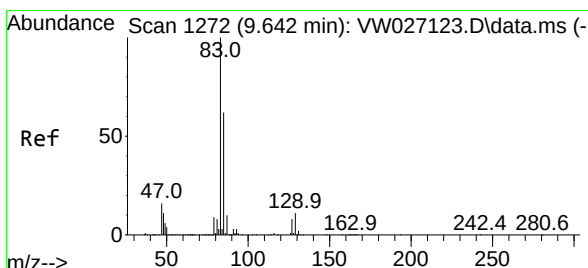
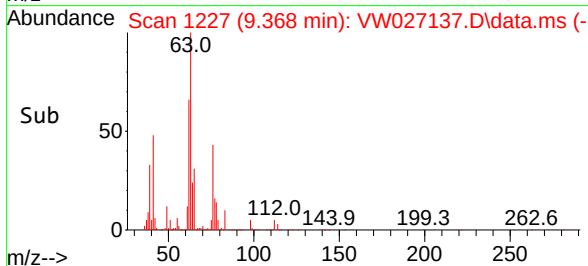
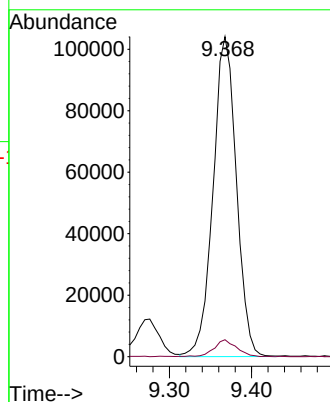
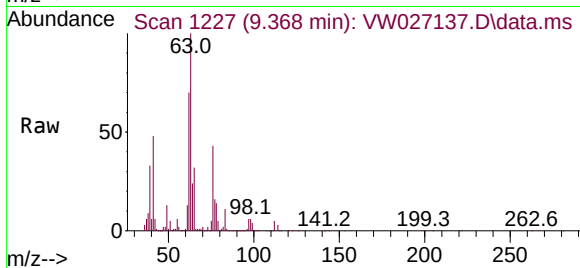
ClientSampleId :

Tgt Ion: 63 Resp: 205457

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 24.608 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

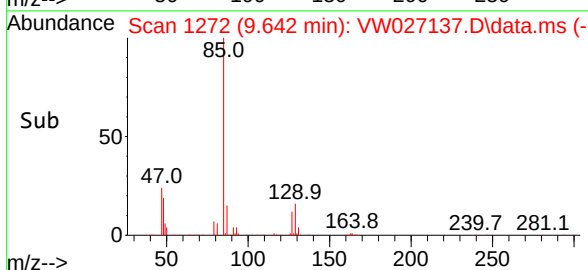
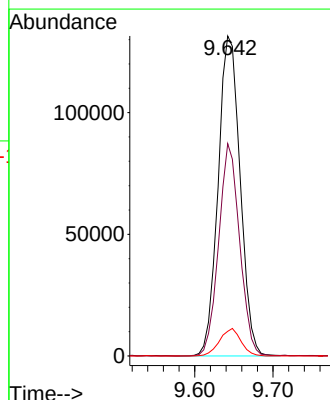
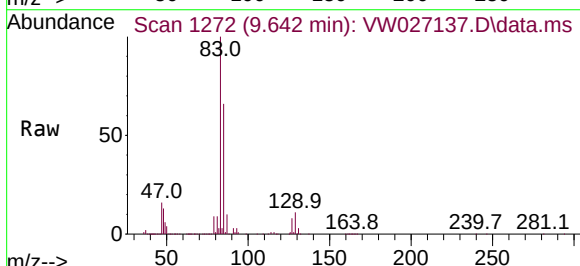
Tgt Ion: 83 Resp: 257112

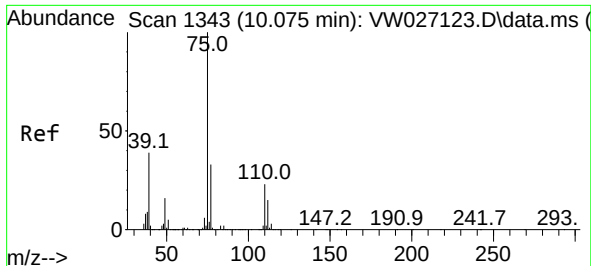
Ion Ratio Lower Upper

83 100

85 66.4 42.8 79.4

127 7.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 24.879 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

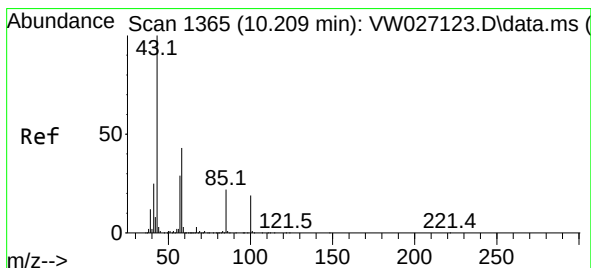
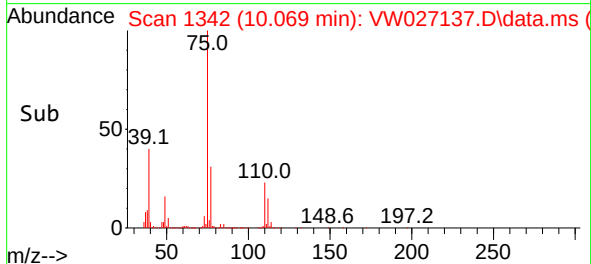
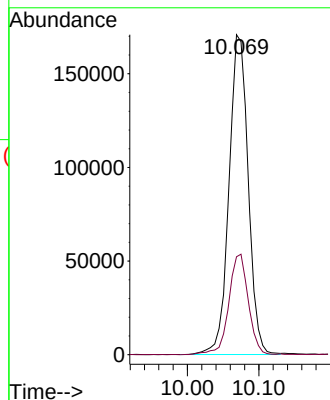
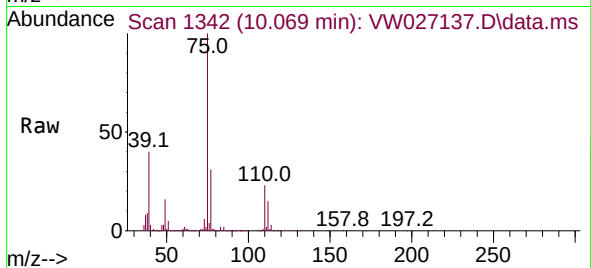
ClientSampleId :

Tgt Ion: 75 Resp: 318401

Ion Ratio Lower Upper

75 100

77 30.6 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 49.575 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

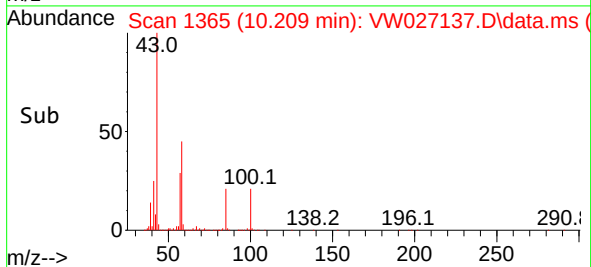
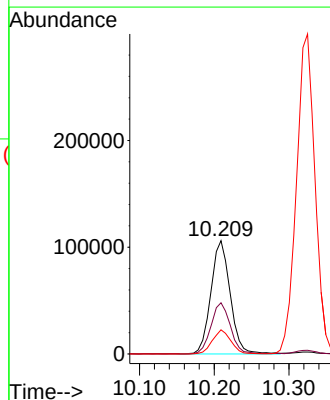
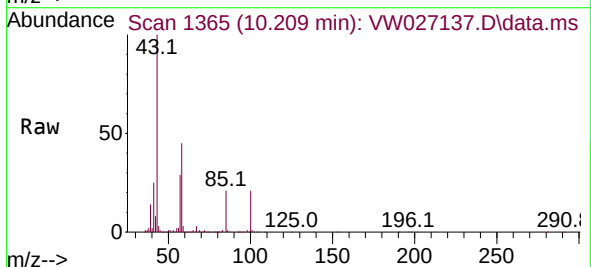
Tgt Ion: 43 Resp: 189955

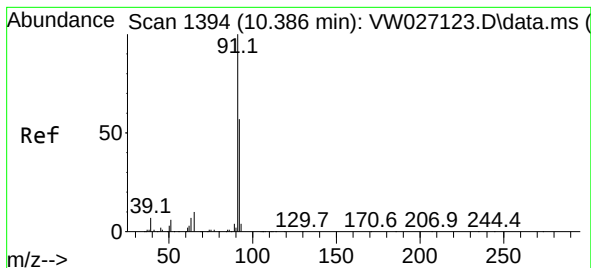
Ion Ratio Lower Upper

43 100

58 45.3 35.4 53.2

100 20.5 15.2 22.8





#42

Toluene

Concen: 24.964 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

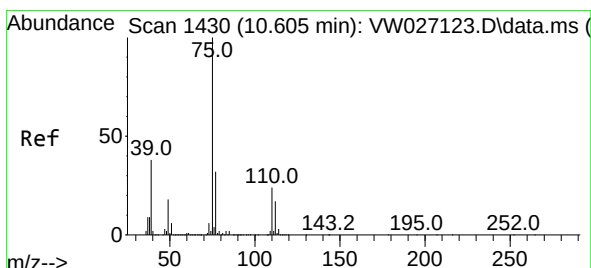
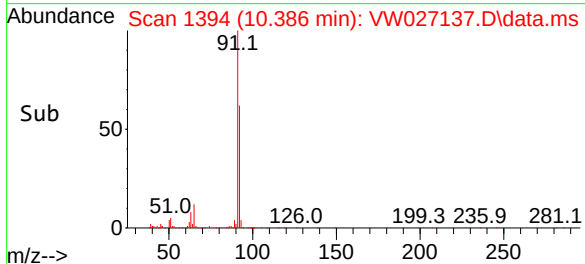
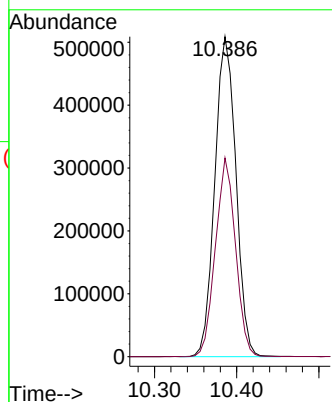
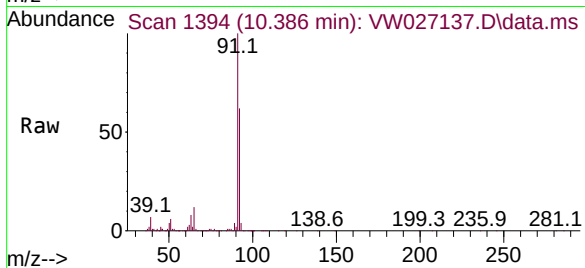
ClientSampleId :

Tgt Ion: 91 Resp: 907512

Ion Ratio Lower Upper

91 100

92 62.1 42.7 79.3



#44

trans-1,3-Dichloropropene

Concen: 24.645 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027137.D

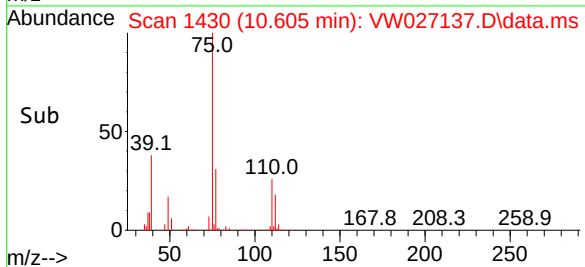
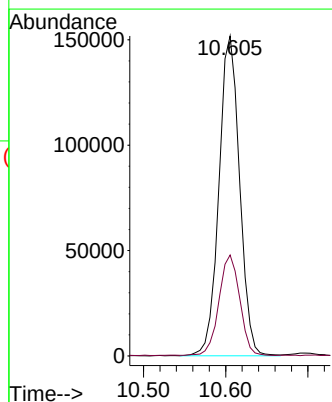
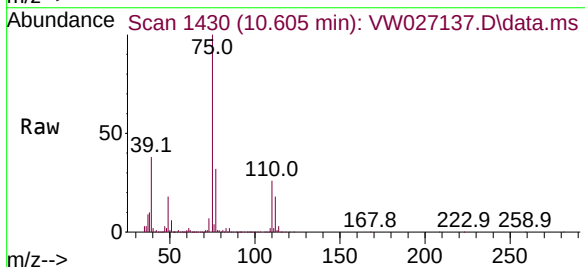
Acq: 18 Sep 2023 19:15

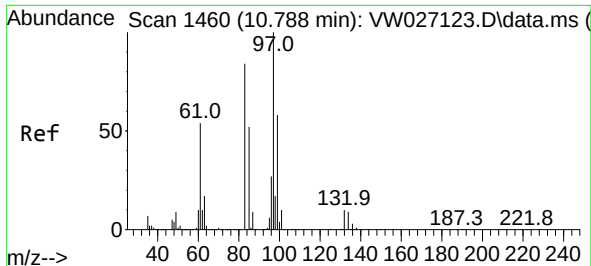
Tgt Ion: 75 Resp: 264695

Ion Ratio Lower Upper

75 100

77 31.5 22.6 42.0



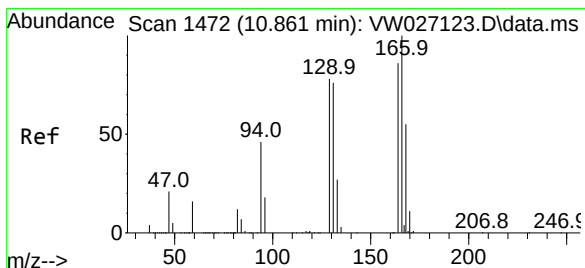
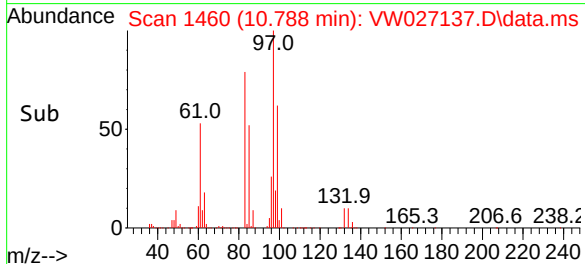
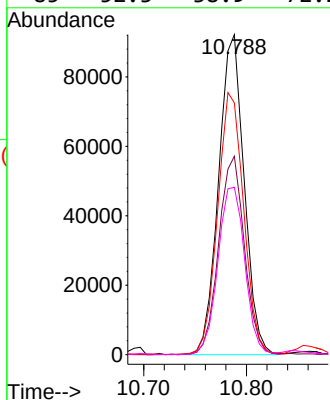
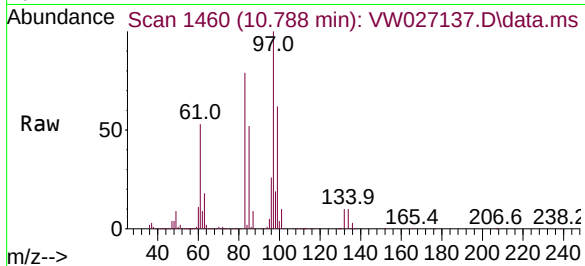


#45
1,1,2-Trichloroethane
Concen: 24.206 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 159128

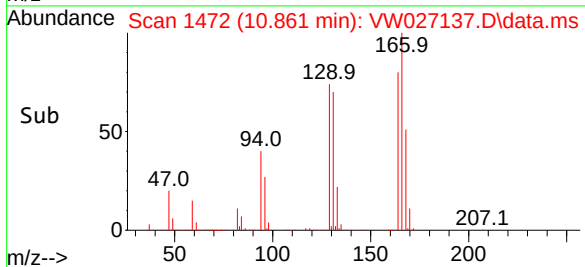
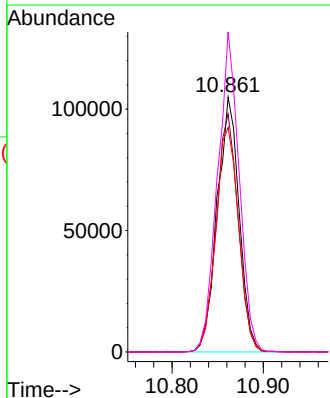
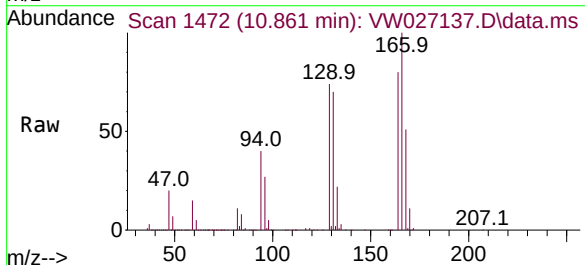
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.5
83	78.7	58.0	107.8
85	52.3	38.9	72.2

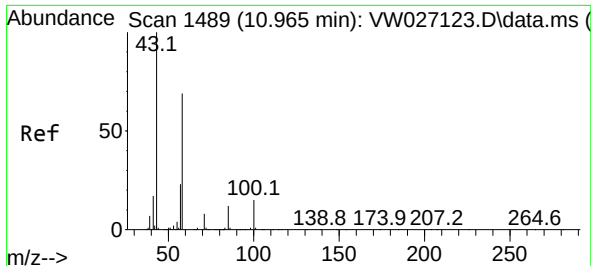


#46
Tetrachloroethene
Concen: 22.906 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion: 164 Resp: 175535

Ion	Ratio	Lower	Upper
164	100		
129	93.4	72.9	135.3
131	88.1	68.7	127.7
166	125.6	102.5	190.3



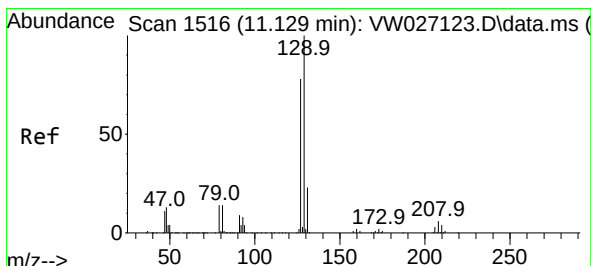
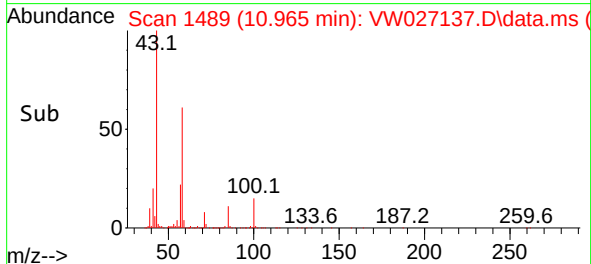
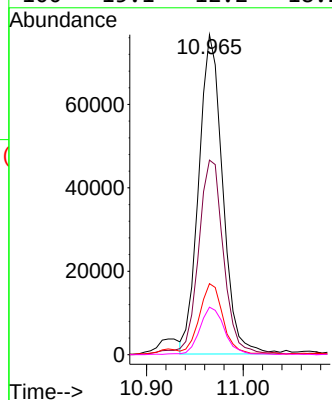
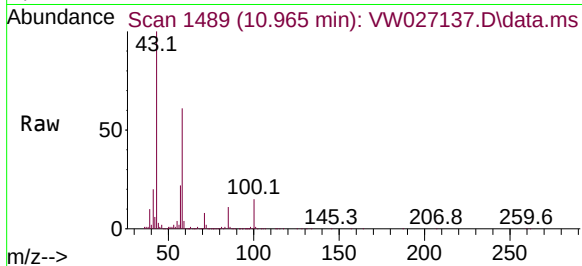


#48
2-Hexanone
Concen: 47.832 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 132170

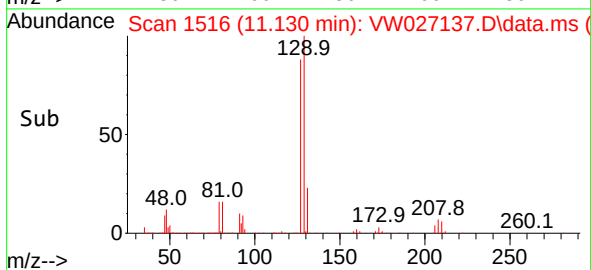
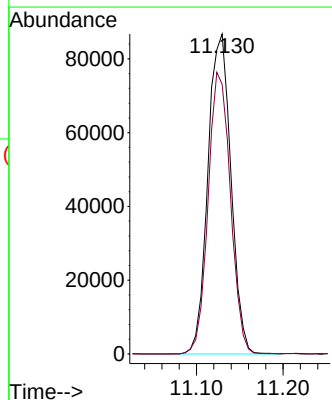
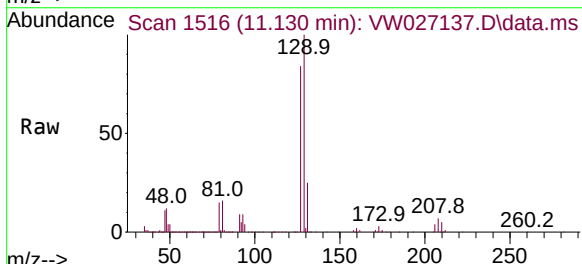
Ion	Ratio	Lower	Upper
43	100		
58	63.5	51.4	77.0
57	21.3	17.2	25.8
100	15.1	12.2	18.2

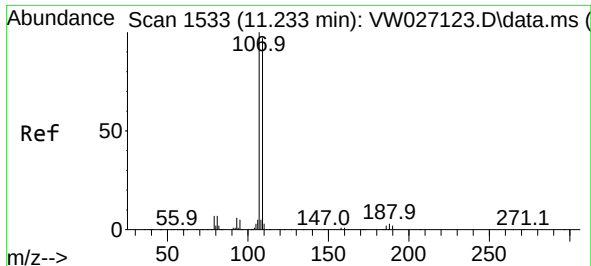


#49
Dibromochloromethane
Concen: 23.292 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion: 129 Resp: 160244

Ion	Ratio	Lower	Upper
129	100		
127	84.3	51.9	96.5





#50

1,2-Dibromoethane

Concen: 24.338 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027137.D

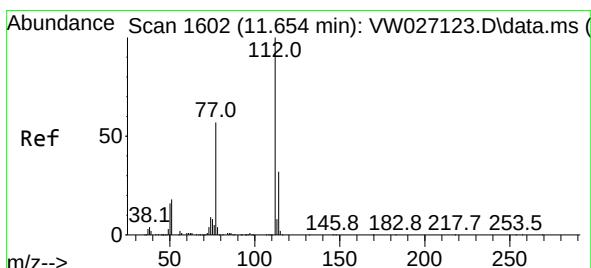
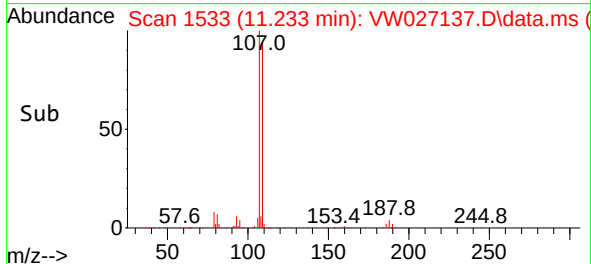
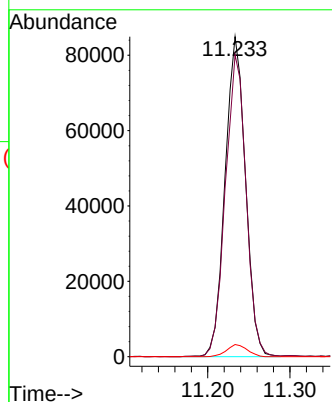
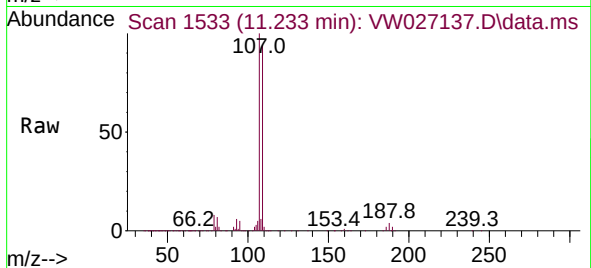
Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	146833
Ion	Ratio	Lower	Upper
107	100		
109	94.3	63.3	117.5
188	3.8	3.1	4.7



#51

Chlorobenzene

Concen: 24.040 ug/L

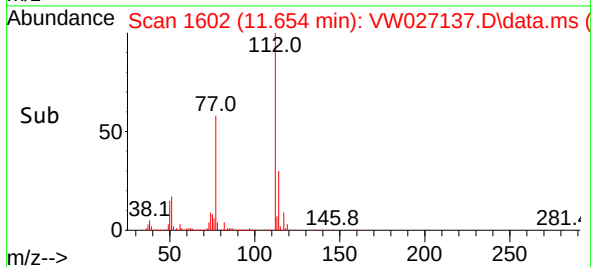
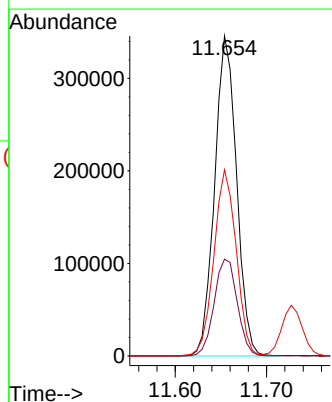
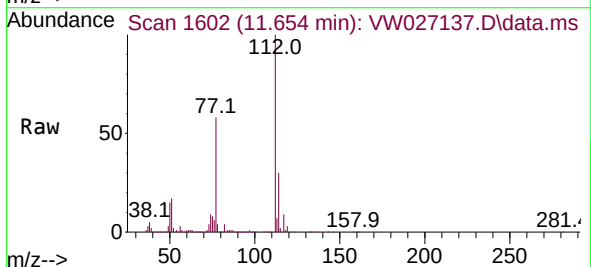
RT: 11.654 min Scan# 1602

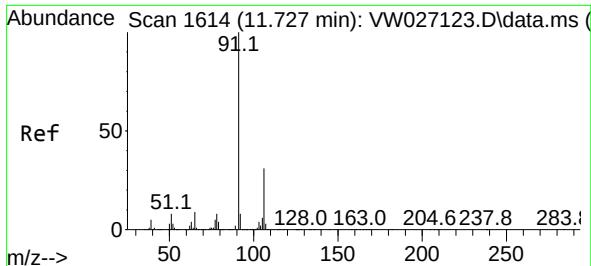
Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Tgt Ion:	112	Resp:	576739
Ion	Ratio	Lower	Upper
112	100		
114	30.3	19.7	36.7
77	58.2	44.5	66.7

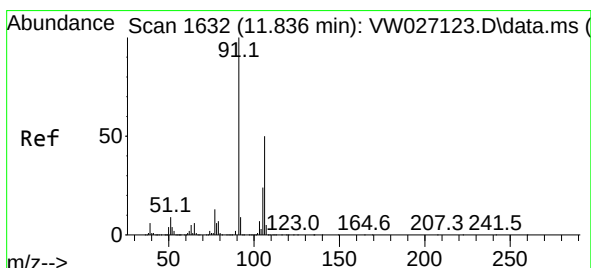
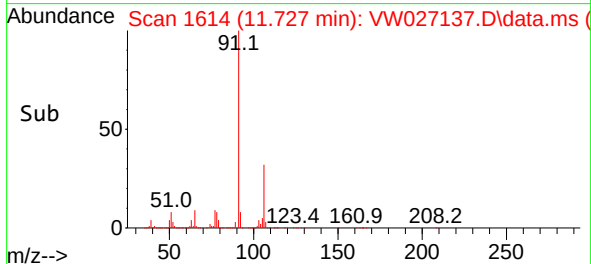
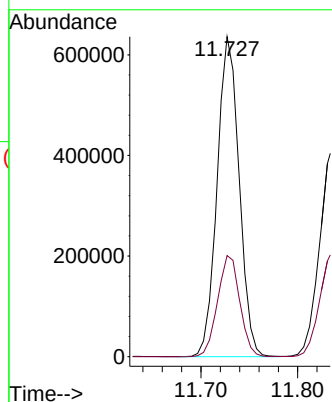
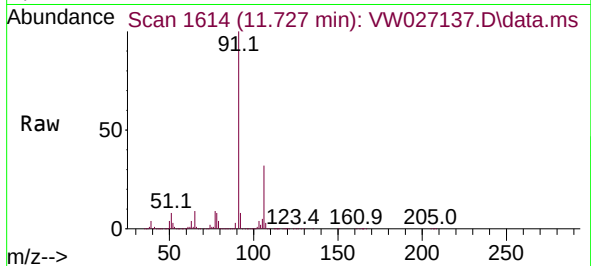




#52
Ethylbenzene
Concen: 25.194 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

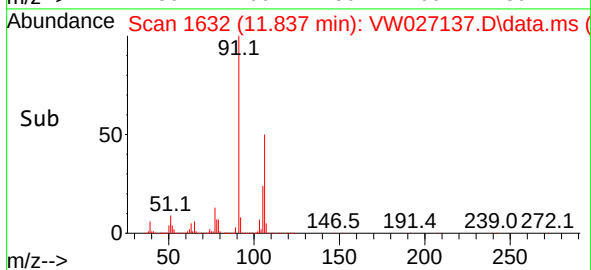
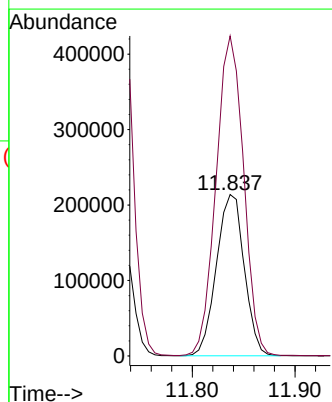
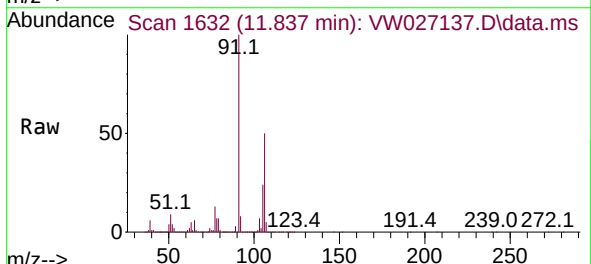
Instrument :
MSVOA_W
ClientSampleId :

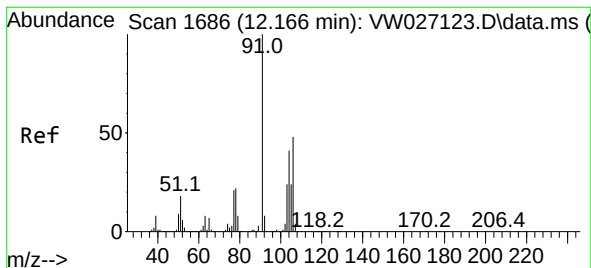
Tgt Ion: 91 Resp: 1004523
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.4



#53
m,p-Xylene
Concen: 26.248 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion:106 Resp: 401341
Ion Ratio Lower Upper
106 100
91 198.1 142.7 265.1

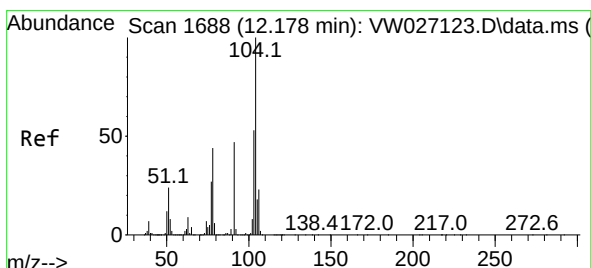
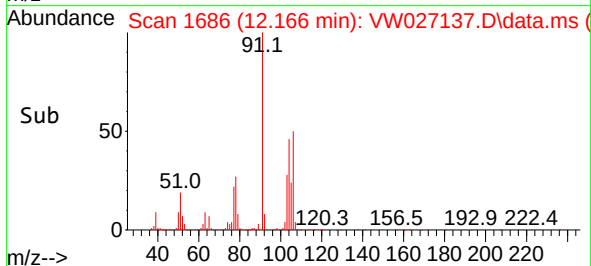
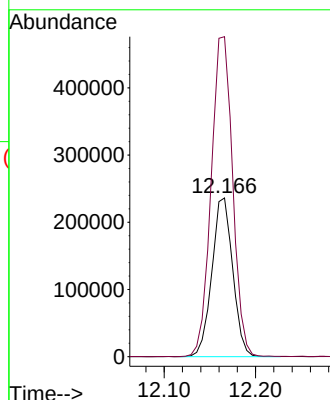
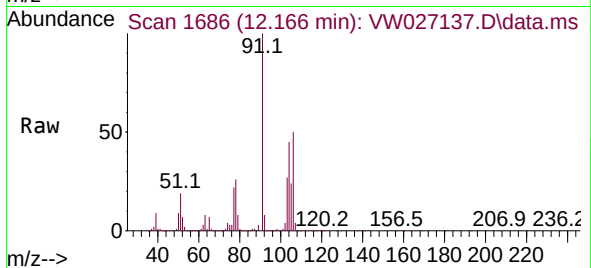




#54
o-Xylene
Concen: 25.641 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

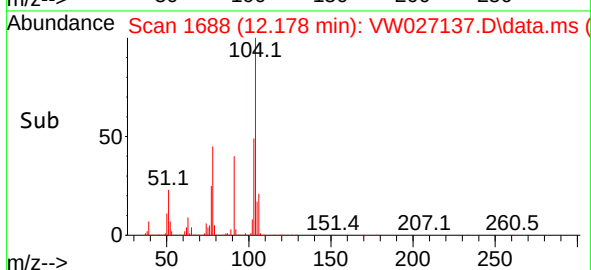
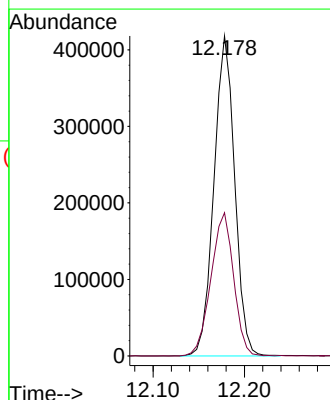
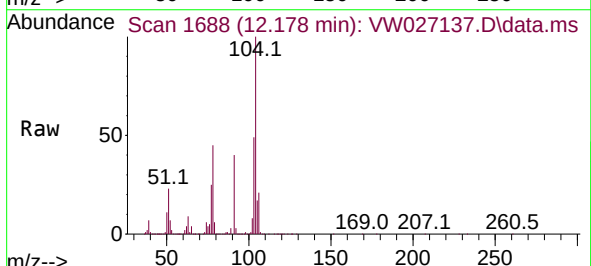
Instrument :
MSVOA_W
ClientSampleId :

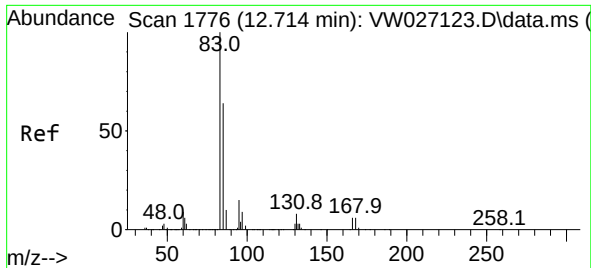
Tgt Ion:106 Resp: 373493
Ion Ratio Lower Upper
106 100
91 201.5 140.6 261.0



#55
Styrene
Concen: 26.399 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion:104 Resp: 658889
Ion Ratio Lower Upper
104 100
78 44.8 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.577 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

ClientSampleId :

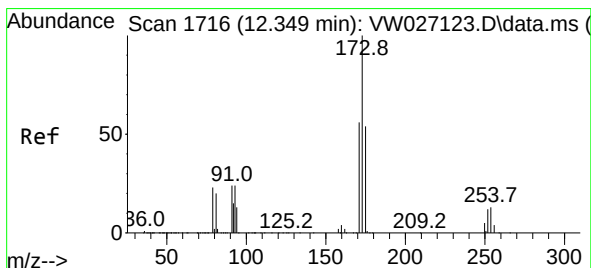
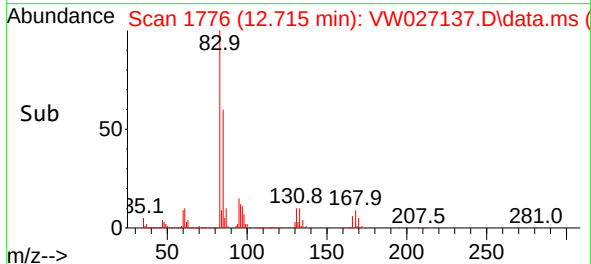
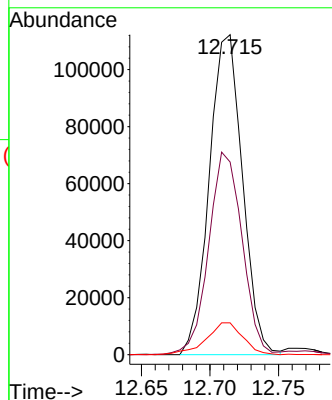
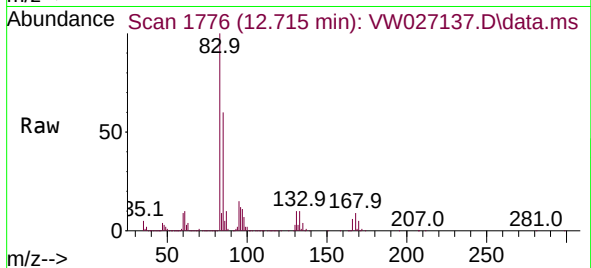
Tgt Ion: 83 Resp: 189303

Ion Ratio Lower Upper

83 100

85 60.2 42.5 78.9

131 9.9 7.8 11.8



#59

Bromoform

Concen: 23.606 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

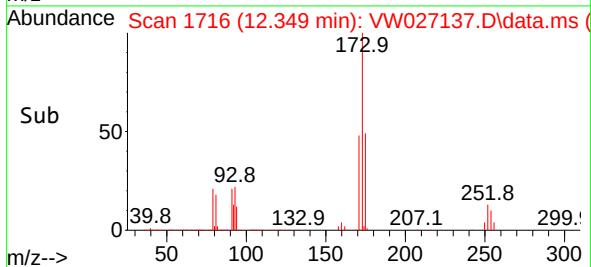
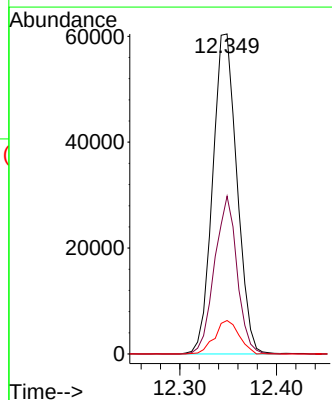
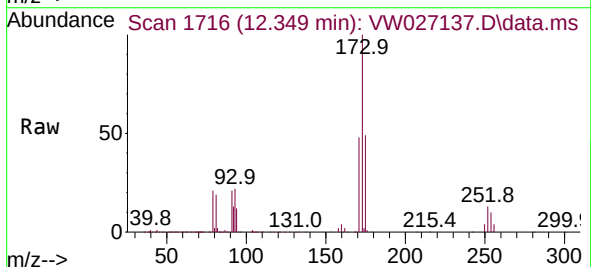
Tgt Ion:173 Resp: 105487

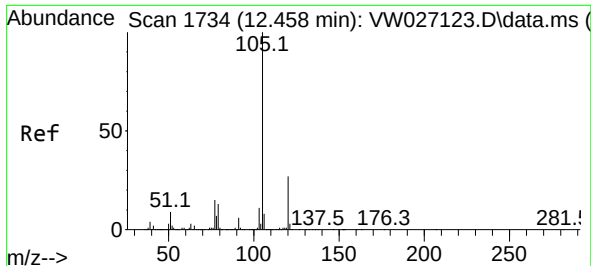
Ion Ratio Lower Upper

173 100

175 45.6 36.6 55.0

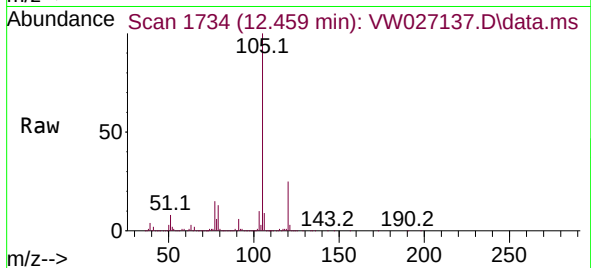
254 10.5 10.0 15.0



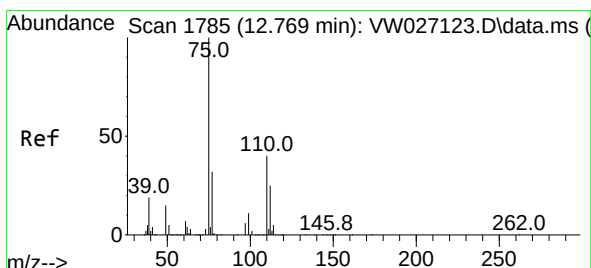
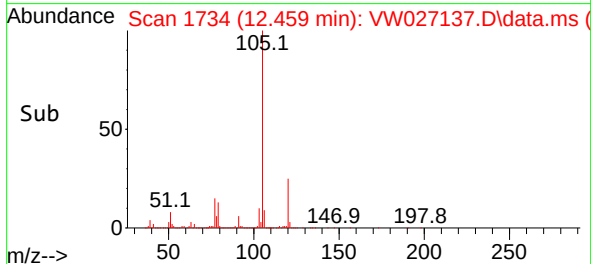
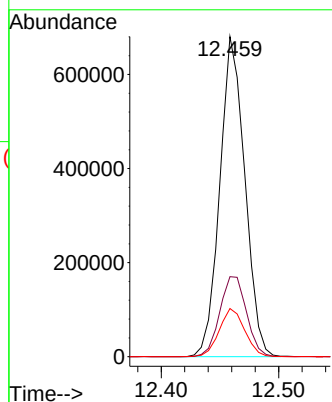


#60
Isopropylbenzene
Concen: 24.398 ug/L
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Instrument :
MSVOA_W
ClientSampleId :

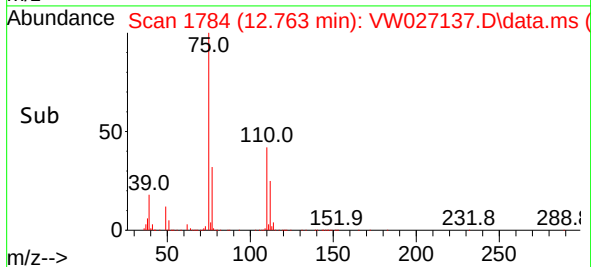
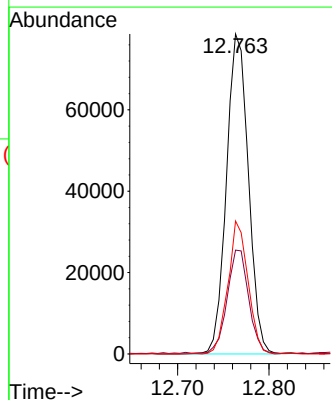
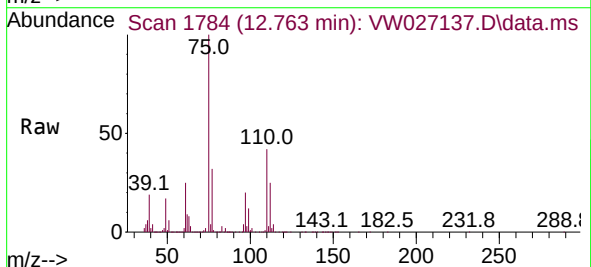


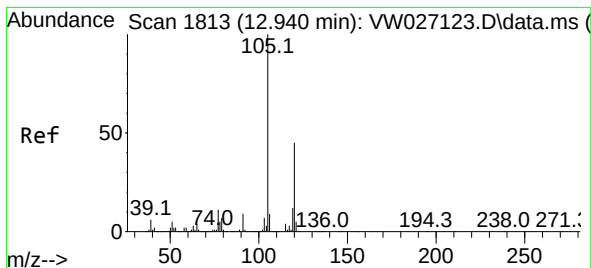
Tgt Ion:105 Resp: 1008256
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.4
77 15.2 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 22.825 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion: 75 Resp: 131308
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0
110 37.9 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 24.992 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

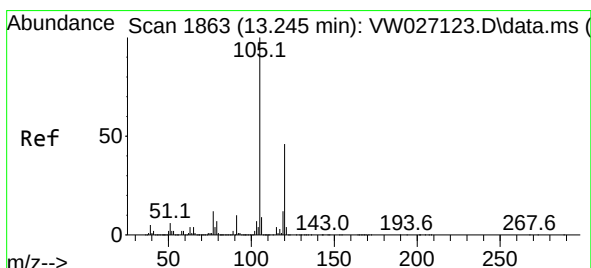
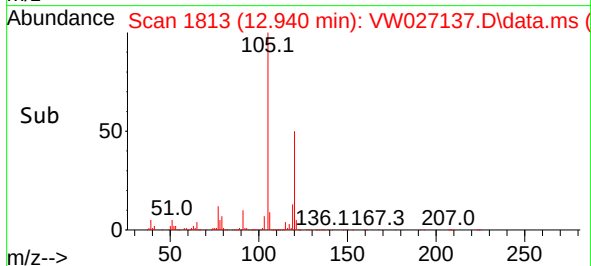
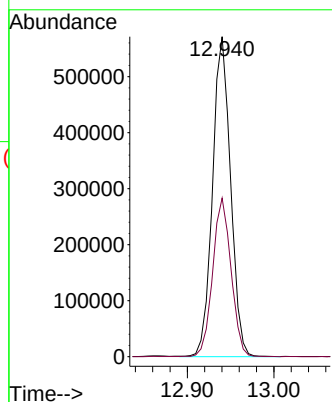
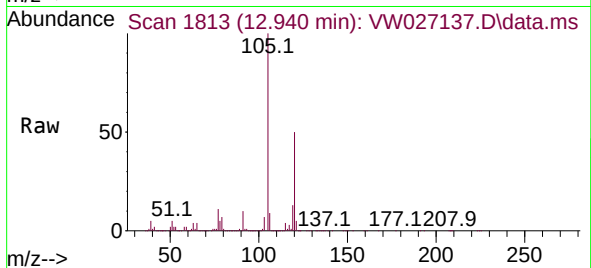
ClientSampleId :

Tgt Ion:105 Resp: 826541

Ion Ratio Lower Upper

105 100

120 50.4 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 25.415 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027137.D

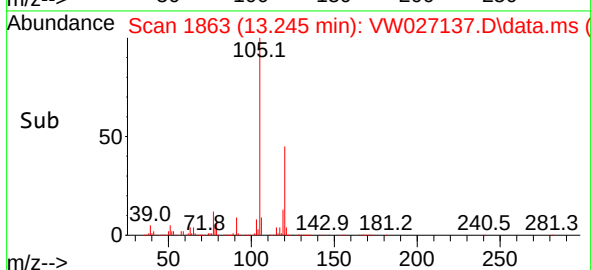
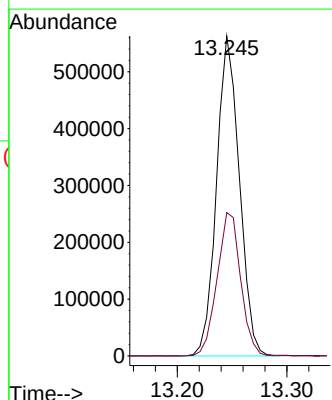
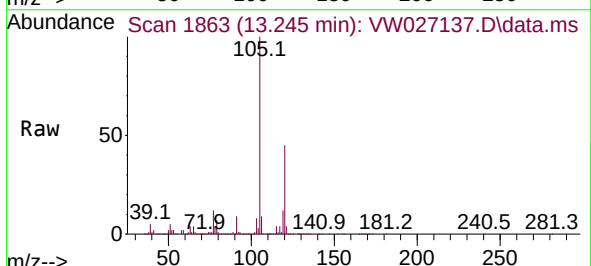
Acq: 18 Sep 2023 19:15

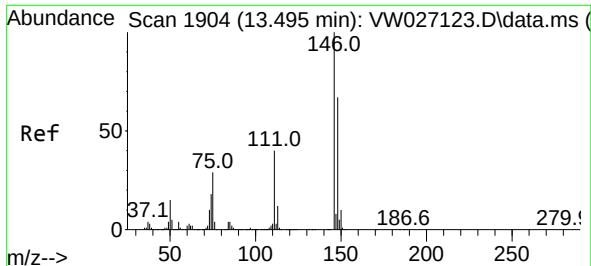
Tgt Ion:105 Resp: 814417

Ion Ratio Lower Upper

105 100

120 46.3 36.2 54.2

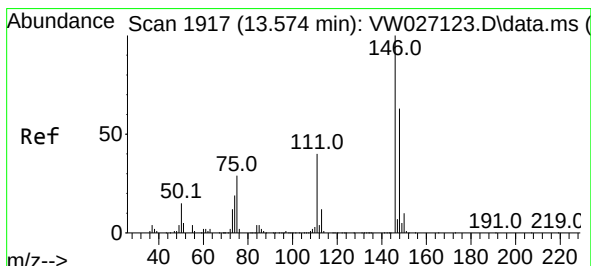
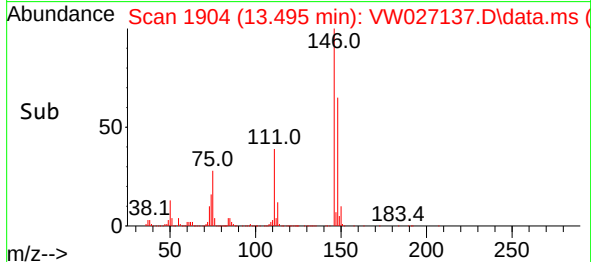
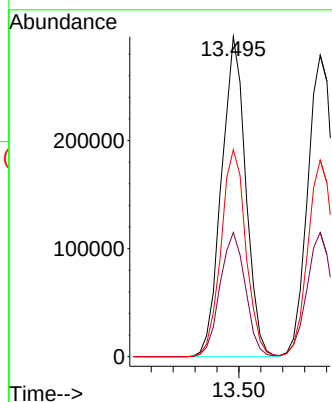
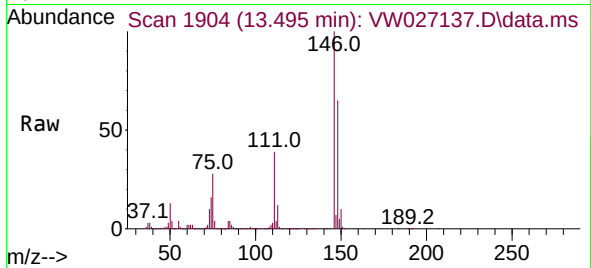




#64
1,3-Dichlorobenzene
Concen: 23.345 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

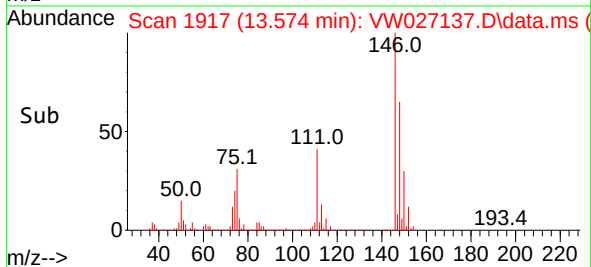
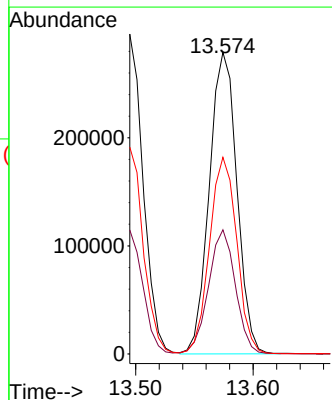
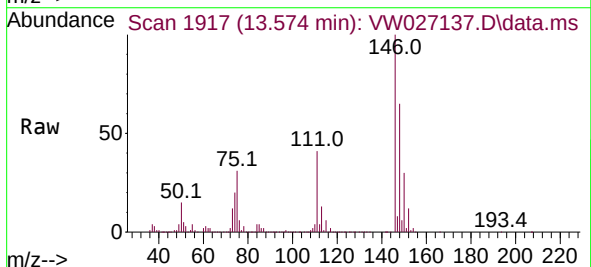
Instrument :
MSVOA_W
ClientSampleId :

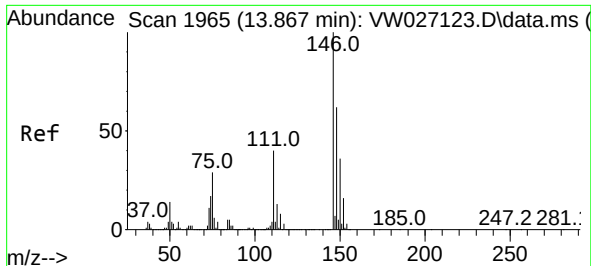
Tgt Ion:146 Resp: 456219
Ion Ratio Lower Upper
146 100
111 38.8 27.6 51.4
148 64.7 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 22.457 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027137.D
Acq: 18 Sep 2023 19:15

Tgt Ion:146 Resp: 456113
Ion Ratio Lower Upper
146 100
111 41.2 28.1 52.1
148 65.2 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 22.672 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

ClientSampleId :

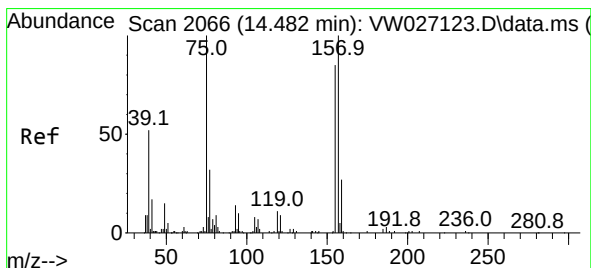
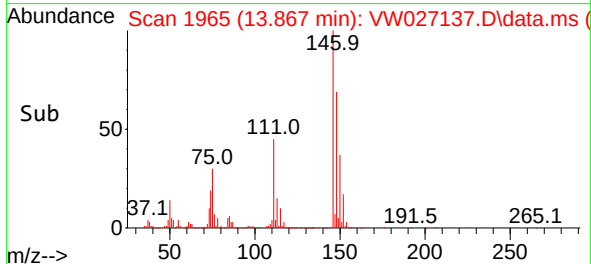
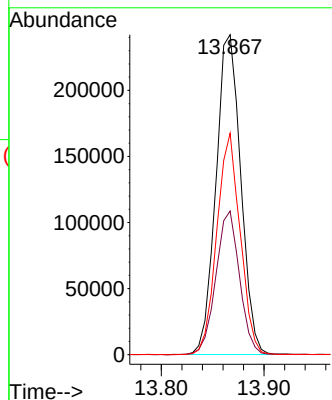
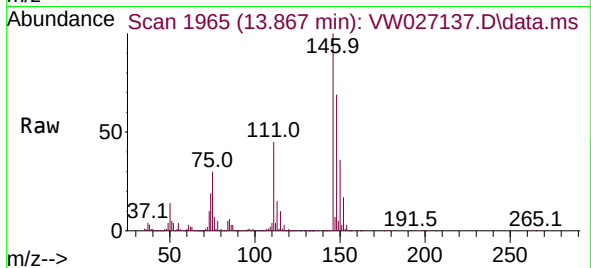
Tgt Ion:146 Resp: 404958

Ion Ratio Lower Upper

146 100

111 44.9 32.2 48.2

148 69.2 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 20.441 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

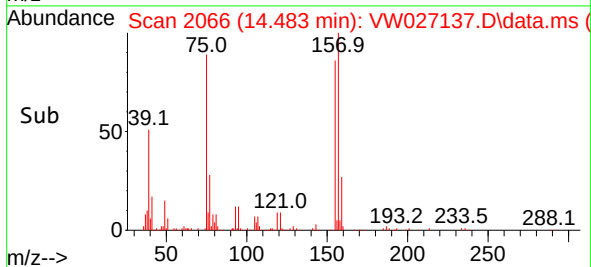
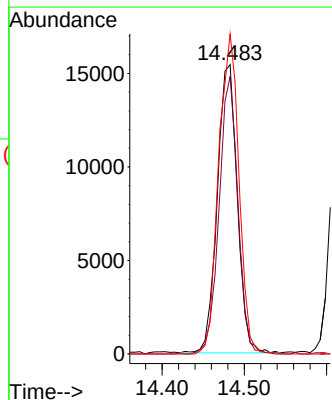
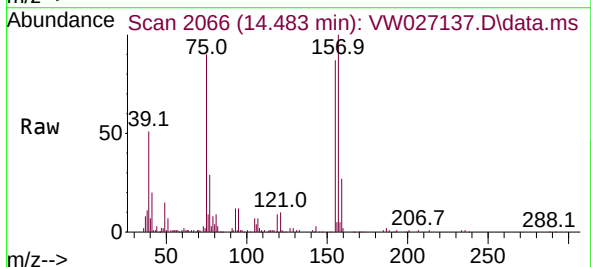
Tgt Ion: 75 Resp: 26041

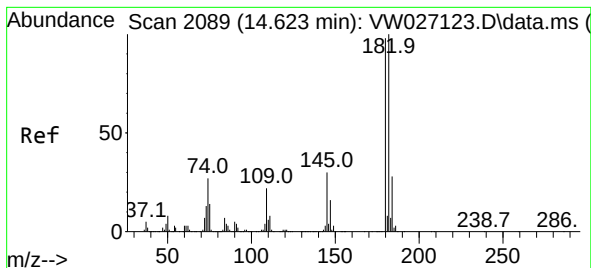
Ion Ratio Lower Upper

75 100

155 95.9 58.7 88.1#

157 110.6 95.9 143.9





#69

1,3,5-Trichlorobenzene

Concen: 21.904 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

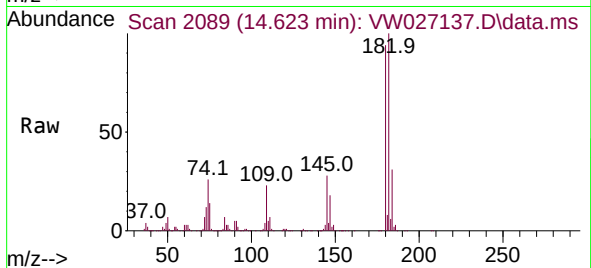
Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 308123

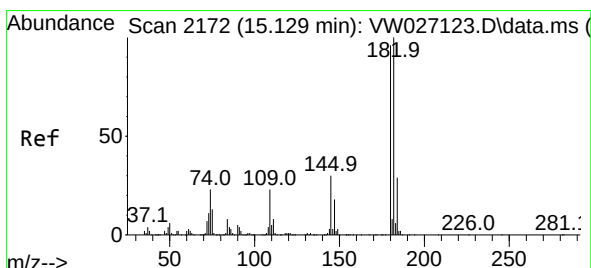
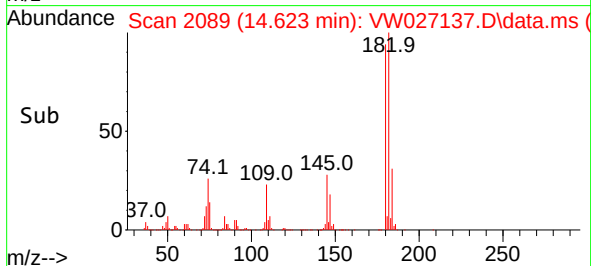
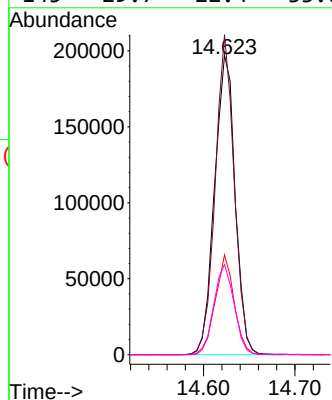
Ion Ratio Lower Upper

180 100

182 98.8 76.6 115.0

184 30.5 23.8 35.8

145 29.7 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 23.259 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

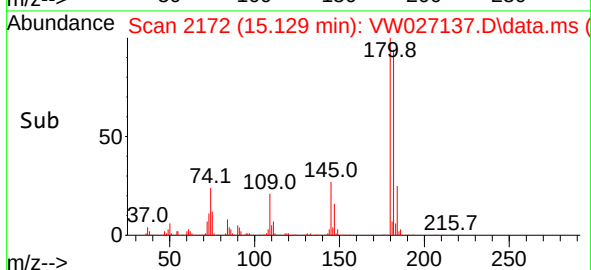
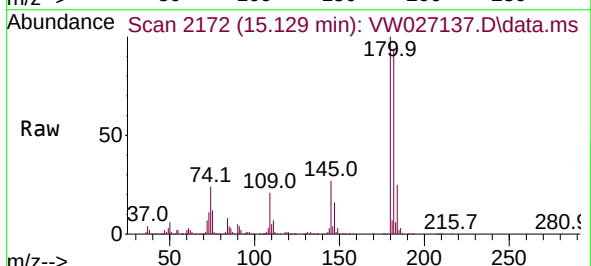
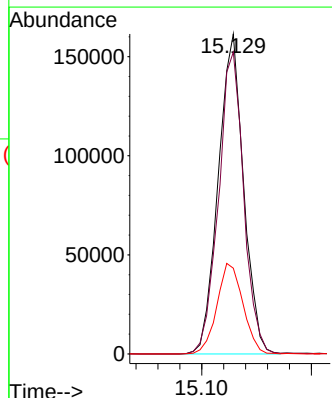
Tgt Ion:180 Resp: 259306

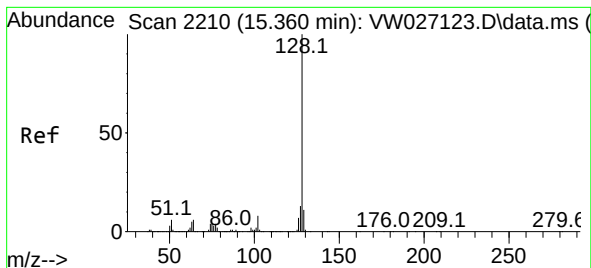
Ion Ratio Lower Upper

180 100

182 93.5 78.2 117.4

145 29.1 24.6 36.8





#71

Naphthalene

Concen: 23.063 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Instrument :

MSVOA_W

ClientSampleId :

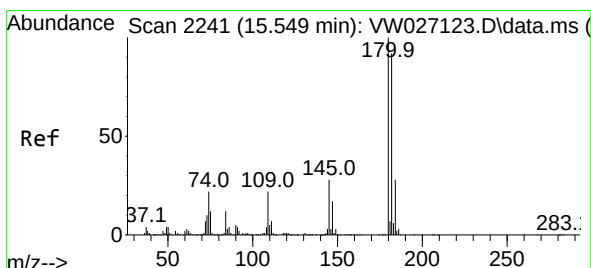
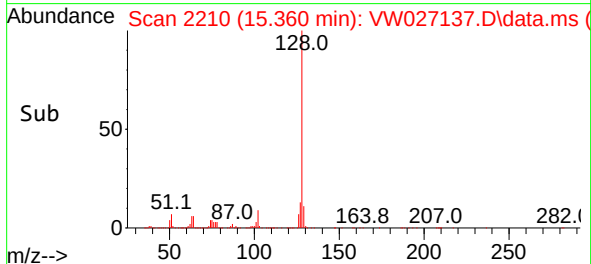
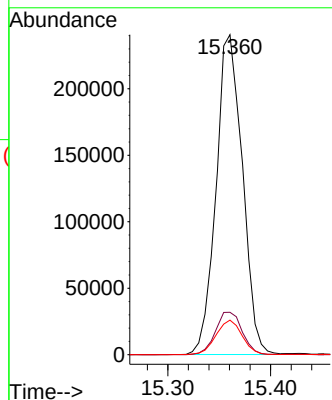
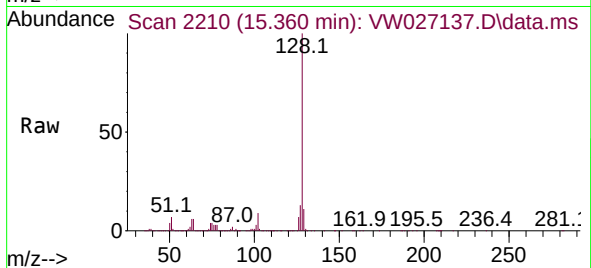
Tgt Ion:128 Resp: 427745

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 21.587 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027137.D

Acq: 18 Sep 2023 19:15

Tgt Ion:180 Resp: 217265

Ion Ratio Lower Upper

180 100

182 104.2 79.0 118.6

145 32.5 25.4 38.2

