

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092723\
 Data File : VW027189.D
 Acq On : 27 Sep 2023 11:43
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 23:10:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:07:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	620718	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	607021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	335064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	446589	45.799	ug/L	0.00
7) Chloroethane-d5	2.899	69	347336	45.016	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	189976	46.885	ug/L	0.00
21) 2-Butanone-d5	7.075	46	190456	93.242	ug/L	0.00
24) Chloroform-d	7.648	84	816155	44.926	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	381027	43.766	ug/L	0.00
32) Benzene-d6	8.276	84	1713513	46.060	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	504663	45.311	ug/L	0.00
41) Toluene-d8	10.325	98	1563232	47.618	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	205814	47.088	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	178689	104.879	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	389447	45.690	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	506816	45.113	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	394734	45.284	ug/L	# 89
3) Chloromethane	2.229	50	542730	49.854	ug/L	99
5) Vinyl chloride	2.381	62	600938	50.556	ug/L	97
6) Bromomethane	2.790	94	386113	49.305	ug/L	98
8) Chloroethane	2.930	64	358917	49.752	ug/L	96
9) Trichlorofluoromethane	3.265	101	509899	51.040	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	499882	48.693	ug/L	99
12) 1,1-Dichloroethene	4.045	96	499414	52.007	ug/L	97
13) Acetone	4.119	43	270297	108.496	ug/L	98
14) Carbon disulfide	4.393	76	1599120	49.615	ug/L	100
15) Methyl Acetate	4.667	43	208008	49.815	ug/L	99
16) Methylene chloride	4.917	84	510301	41.997	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	519207	50.251	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	669834	51.805	ug/L	99
19) 1,1-Dichloroethane	6.216	63	946339	49.113	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	562432	51.066	ug/L	96
22) 2-Butanone	7.167	43	347327	114.654	ug/L	99
23) Bromochloromethane	7.514	128	243710	48.493	ug/L	96
25) Chloroform	7.679	83	919251	48.914	ug/L	95
27) 1,2-Dichloroethane	8.398	62	555531	48.254	ug/L	98
29) Cyclohexane	7.959	56	885338	54.821	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	758098	50.240	ug/L	100
31) Carbon tetrachloride	8.069	117	706611	49.578	ug/L	99
33) Benzene	8.325	78	2148692	50.081	ug/L	100
34) Trichloroethene	9.093	95	559567	49.944	ug/L	95
35) Methylcyclohexane	9.337	83	1017204	53.980	ug/L	99
37) 1,2-Dichloropropane	9.368	63	540239	48.842	ug/L	100
38) Bromodichloromethane	9.642	83	654916	49.328	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	861762	52.905	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	582373	108.588	ug/L	99
42) Toluene	10.386	91	2289206	51.956	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	701386	52.540	ug/L	97

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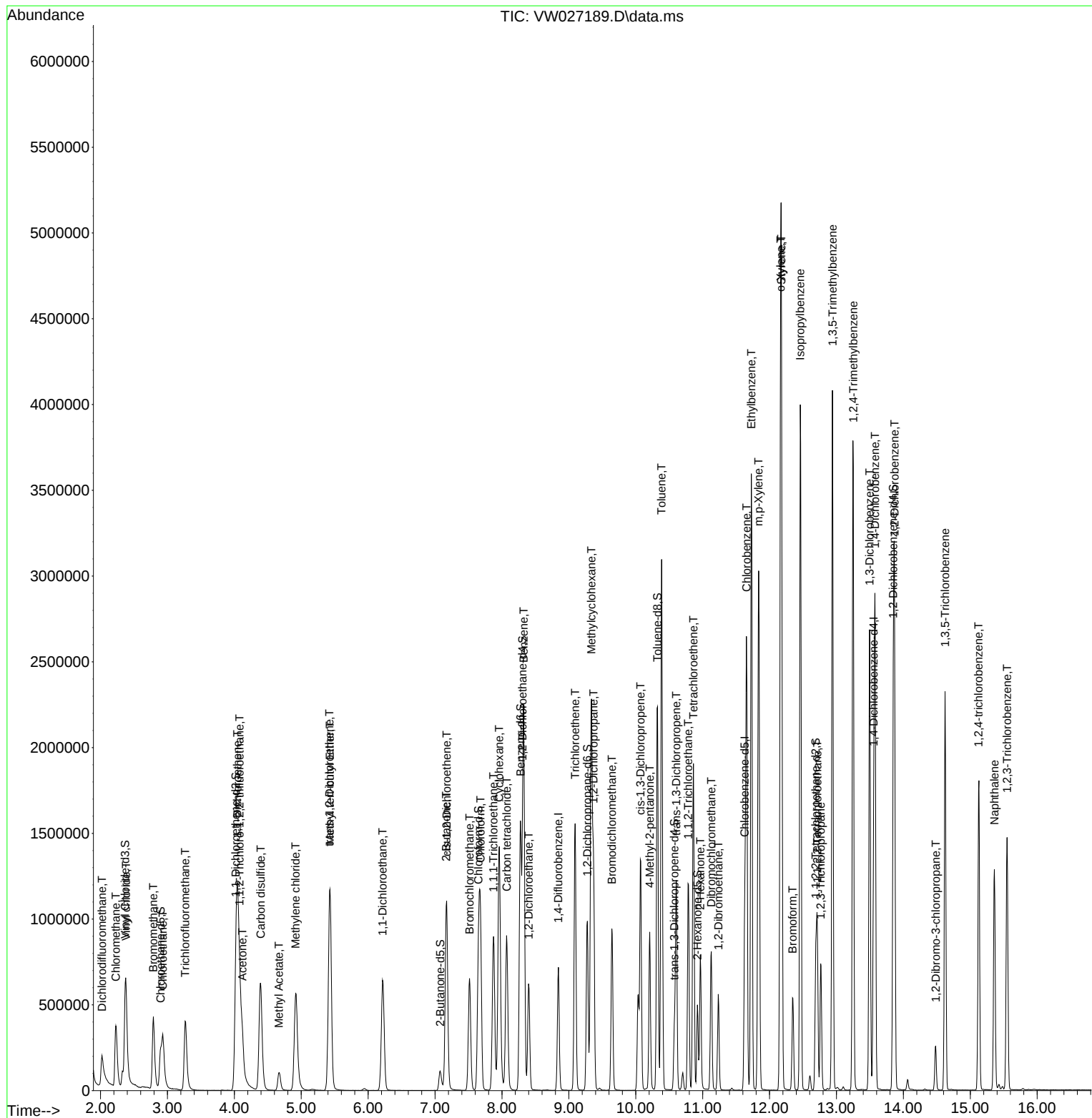
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	391717	48.964	ug/L	98
46) Tetrachloroethene	10.861	164	436723	49.587	ug/L	94
48) 2-Hexanone	10.965	43	474163	112.775	ug/L	98
49) Dibromochloromethane	11.130	129	431704	49.757	ug/L	99
50) 1,2-Dibromoethane	11.233	107	370351	49.888	ug/L	93
51) Chlorobenzene	11.654	112	1421618	48.622	ug/L	98
52) Ethylbenzene	11.727	91	2571394	51.949	ug/L	98
53) m,p-Xylene	11.837	106	1000445	52.712	ug/L	97
54) o-Xylene	12.166	106	943348	53.207	ug/L	98
55) Styrene	12.178	104	1617578	53.000	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	471332	49.118	ug/L	98
59) Bromoform	12.343	173	266298	50.330	ug/L	100
60) Isopropylbenzene	12.459	105	2617099	53.043	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	330865	48.232	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	2098373	54.245	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	2091413	55.170	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	1133966	49.797	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	1122449	49.061	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	989422	49.571	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.483	75	71368	48.564	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	746393	50.902	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	597996	51.691	ug/L	99
71) Naphthalene	15.361	128	1128952	55.309	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	502831	48.965	ug/L	94

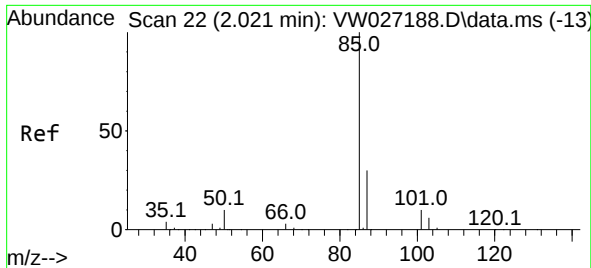
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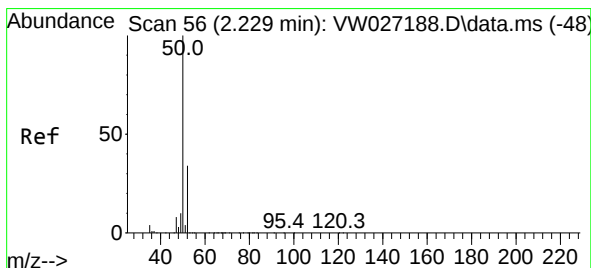
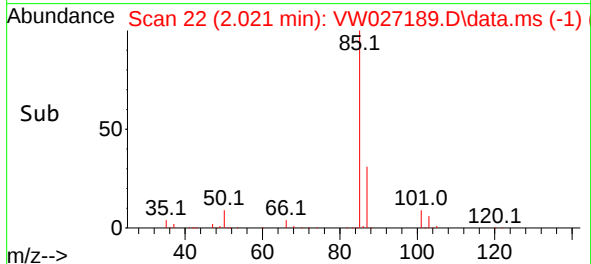
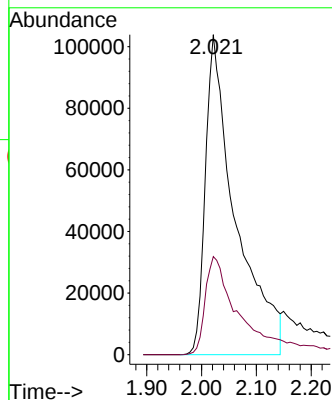
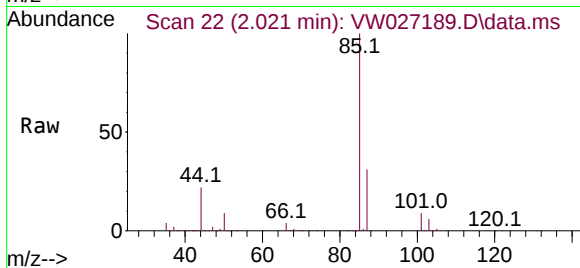




#2
Dichlorodifluoromethane
Concen: 45.284 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

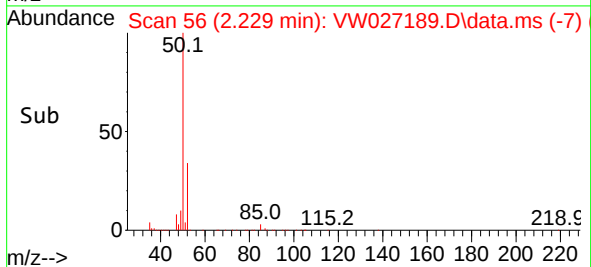
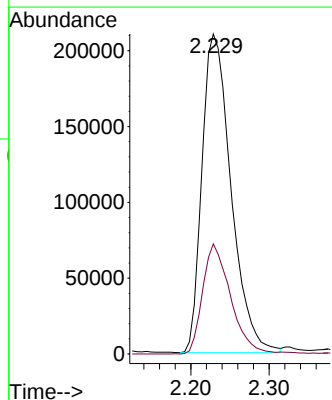
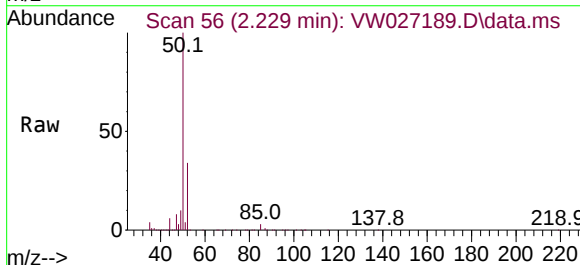
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ClientSampleId :

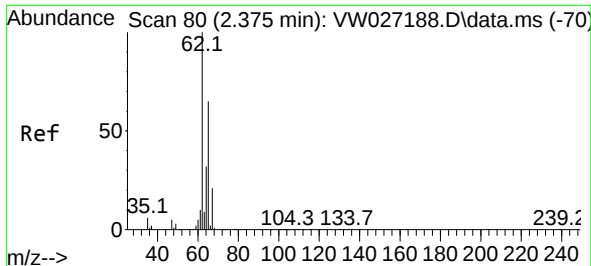
Tgt Ion: 85 Resp: 394734
Ion Ratio Lower Upper
85 100
87 33.2 22.1 33.1#



#3
Chloromethane
Concen: 49.854 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion: 50 Resp: 542730
Ion Ratio Lower Upper
50 100
52 34.4 23.5 43.7

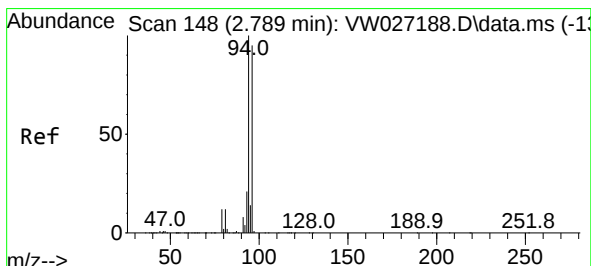
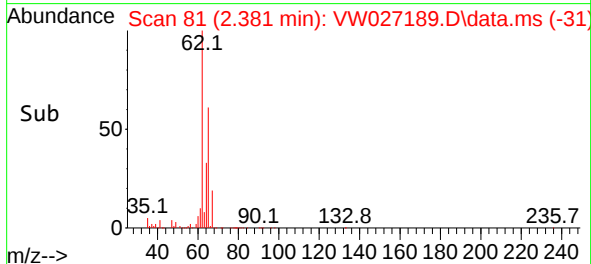
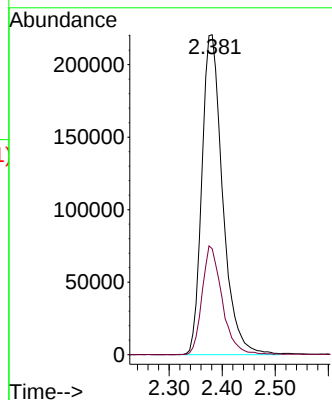
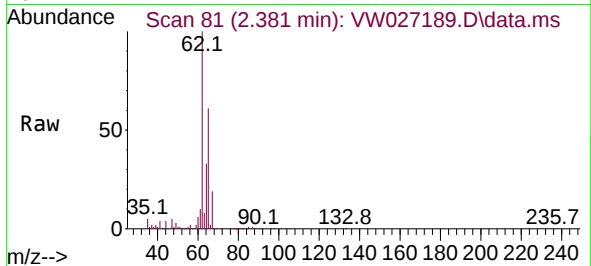




#5
 Vinyl chloride
 Concen: 50.556 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027189.D
 Acq: 27 Sep 2023 11:43

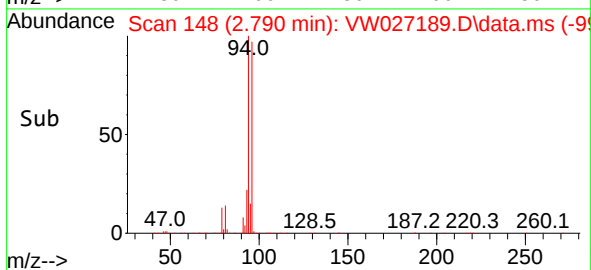
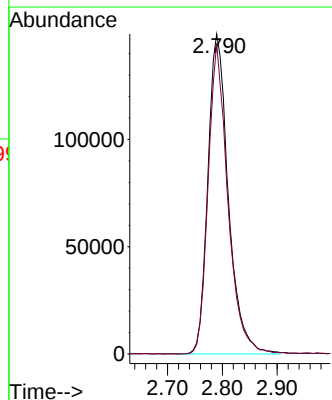
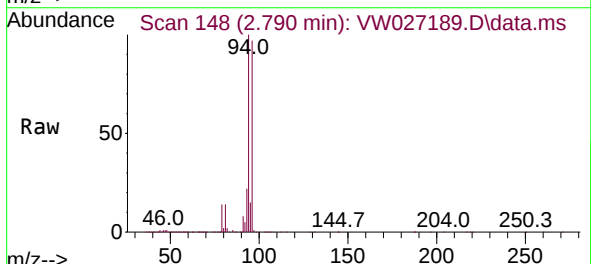
Instrument :
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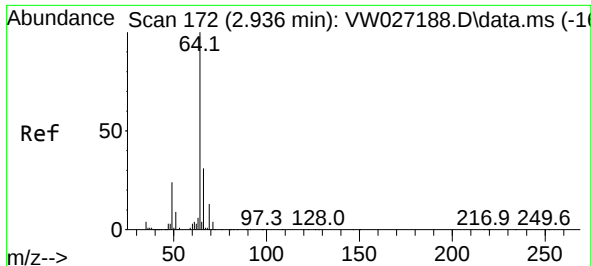
Tgt Ion: 62 Resp: 600938
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.2 41.2



#6
 Bromomethane
 Concen: 49.305 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027189.D
 Acq: 27 Sep 2023 11:43

Tgt Ion: 94 Resp: 386113
 Ion Ratio Lower Upper
 94 100
 96 97.0 66.8 124.0

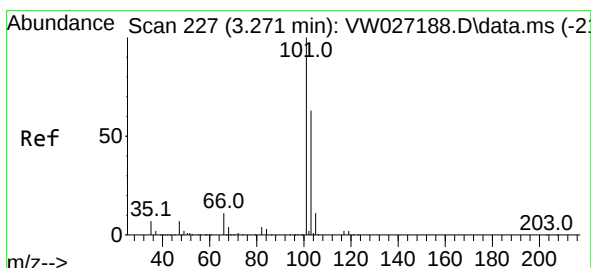
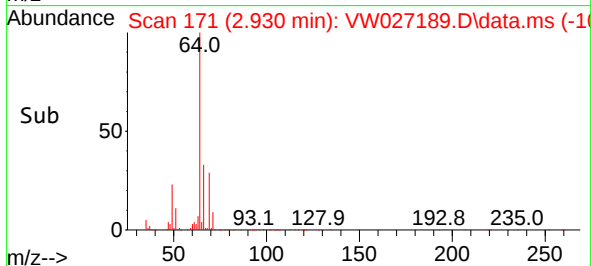
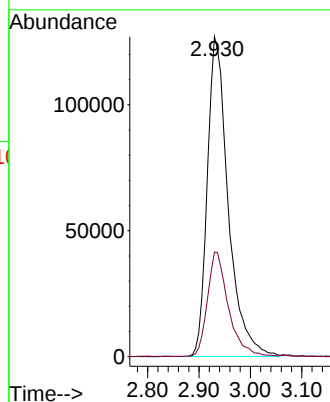
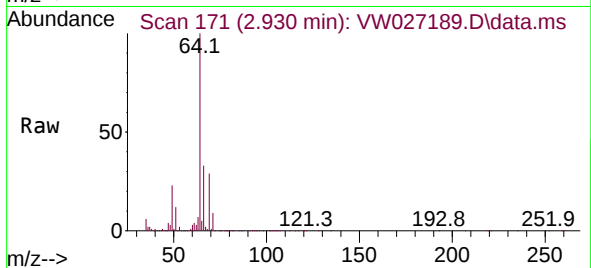




#8
Chloroethane
Concen: 49.752 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

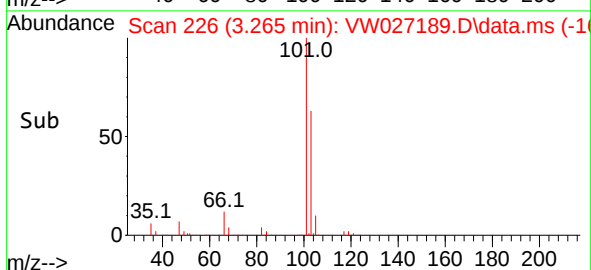
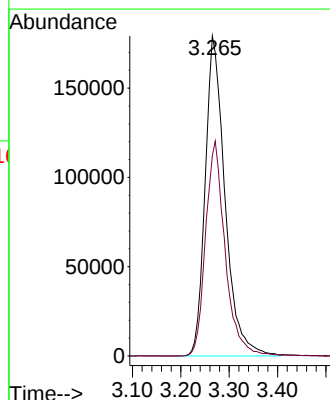
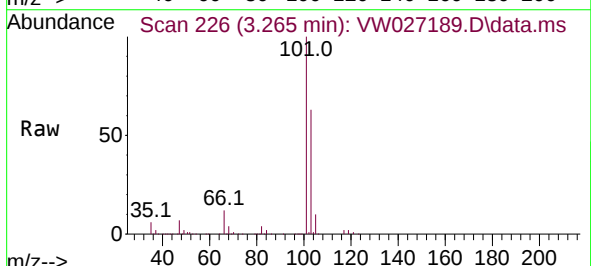
Instrument :
MSVOA_W
ClientSampleId :

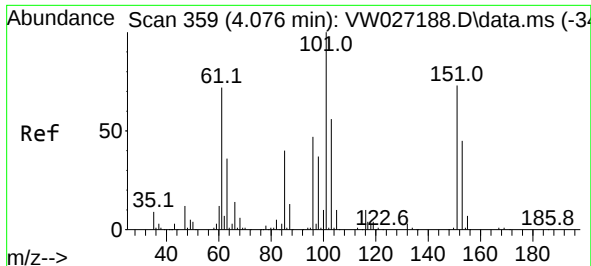
Tgt Ion: 64 Resp: 358917
Ion Ratio Lower Upper
64 100
66 32.6 21.5 39.9



#9
Trichlorofluoromethane
Concen: 51.040 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion:101 Resp: 509899
Ion Ratio Lower Upper
101 100
103 65.9 52.0 78.0

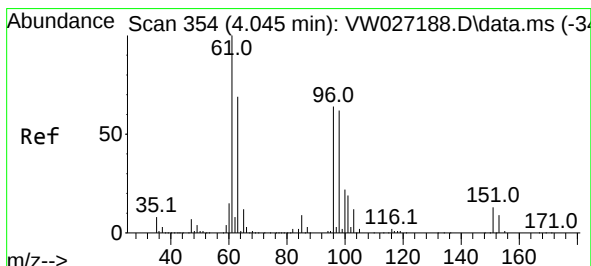
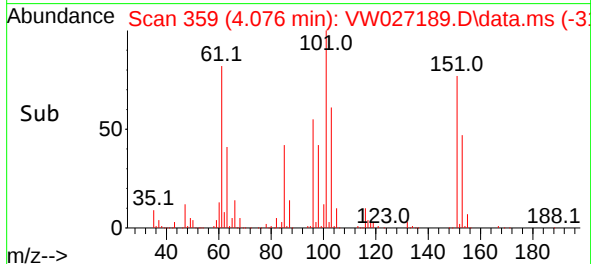
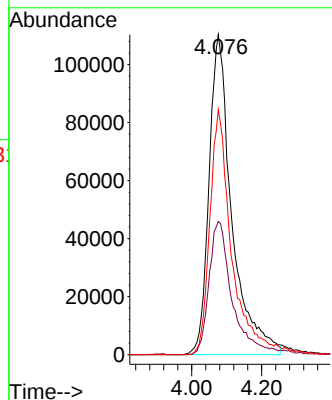
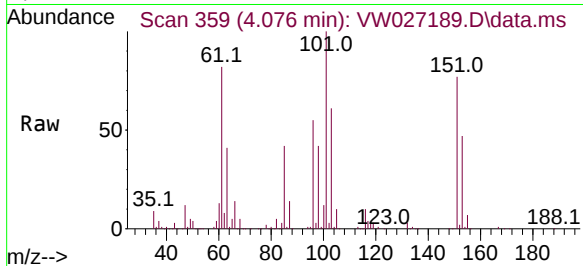




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.693 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027189.D
 Acq: 27 Sep 2023 11:43

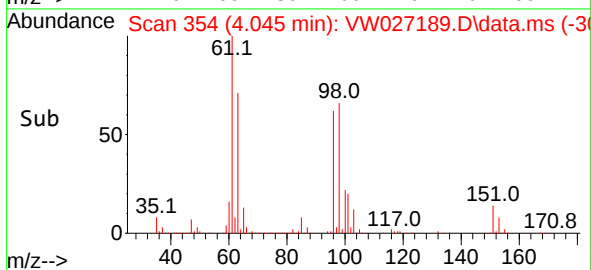
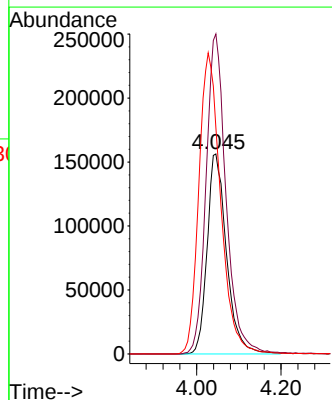
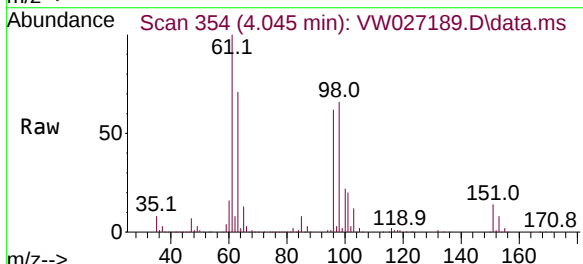
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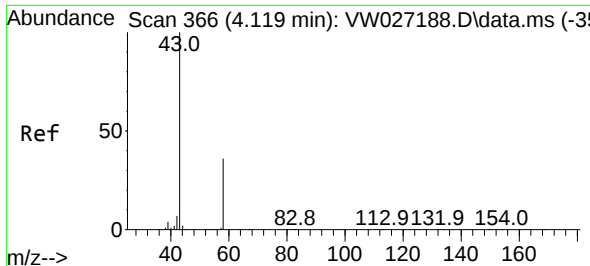
Tgt Ion:101 Resp: 499882
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.1 49.7
 151 72.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 52.007 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027189.D
 Acq: 27 Sep 2023 11:43

Tgt Ion: 96 Resp: 499414
 Ion Ratio Lower Upper
 96 100
 61 160.0 109.8 204.0
 63 113.1 76.9 142.7

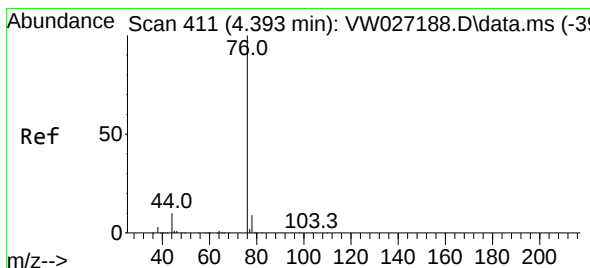
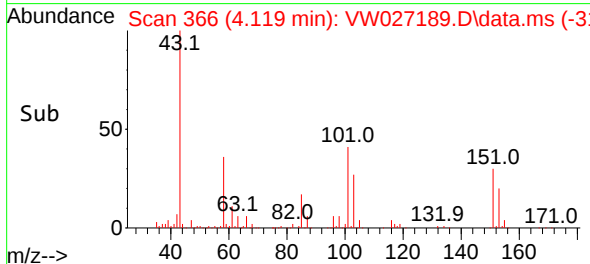
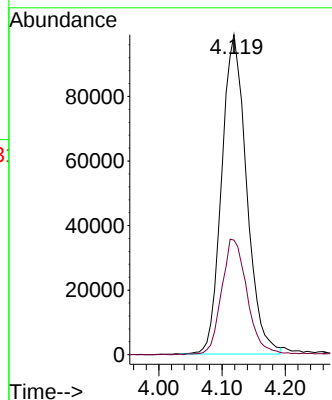
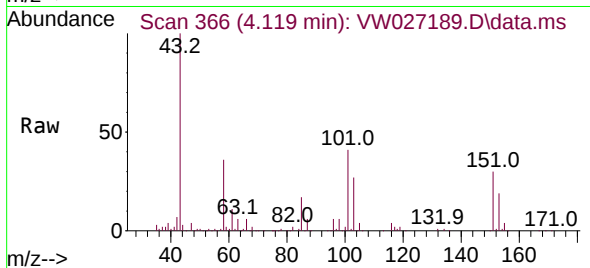




#13
Acetone
Concen: 108.496 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW027189.D
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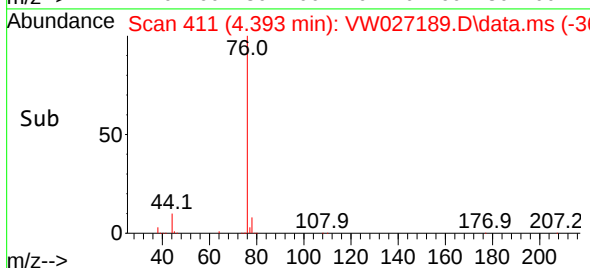
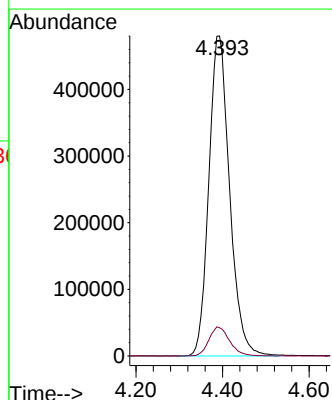
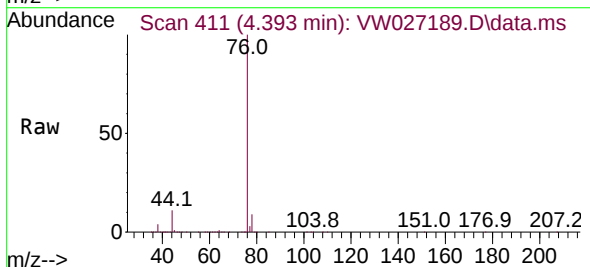
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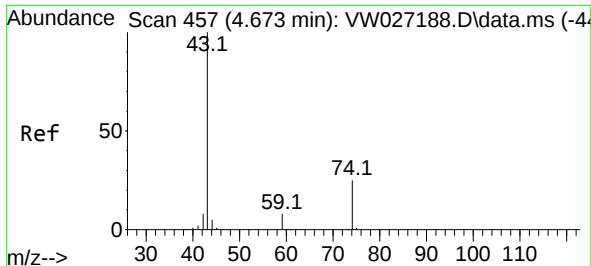
Tgt Ion: 43 Resp: 270297
Ion Ratio Lower Upper
43 100
58 36.4 0.0 70.4



#14
Carbon disulfide
Concen: 49.615 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion: 76 Resp: 1599120
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

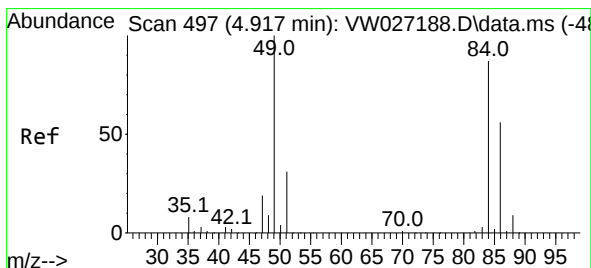
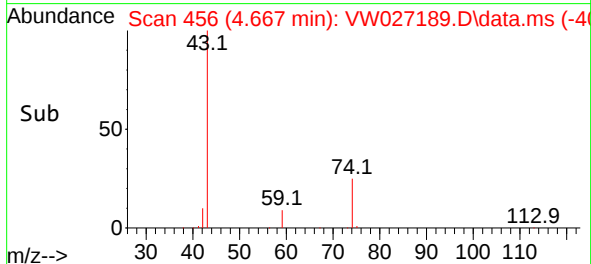
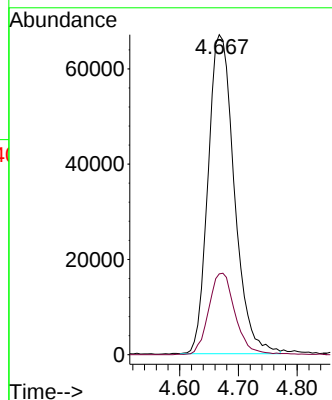
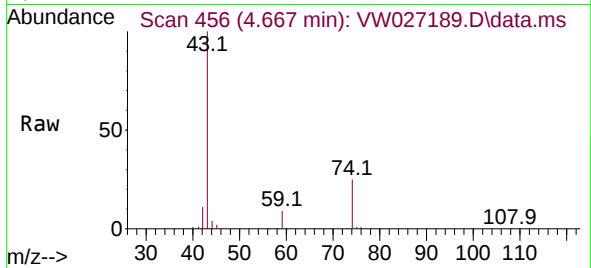




#15
Methyl Acetate
Concen: 49.815 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

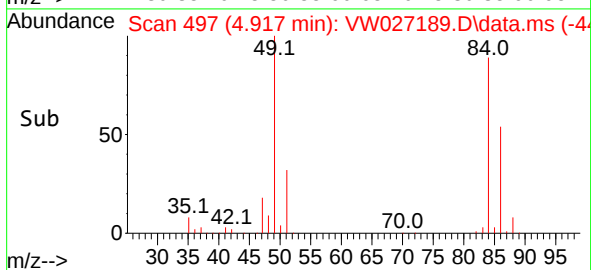
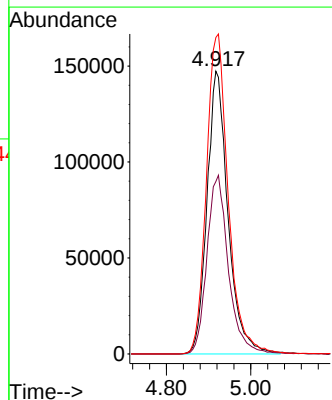
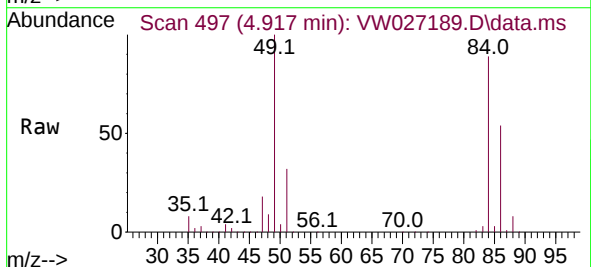
Instrument :
MSVOA_W
ClientSampleId :

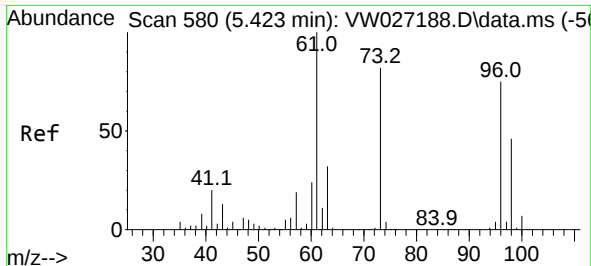
Tgt Ion: 43 Resp: 208008
Ion Ratio Lower Upper
43 100
74 25.7 20.8 31.2



#16
Methylene chloride
Concen: 41.997 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion: 84 Resp: 510301
Ion Ratio Lower Upper
84 100
86 61.0 45.1 83.9
49 111.9 80.9 150.3





#17

trans-1,2-Dichloroethene

Concen: 50.251 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

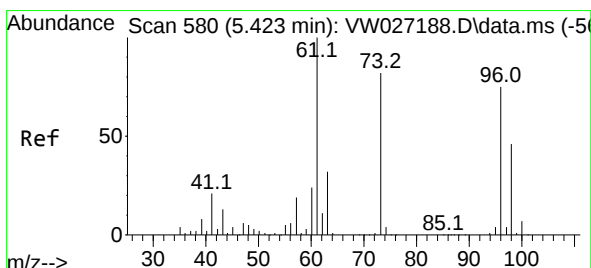
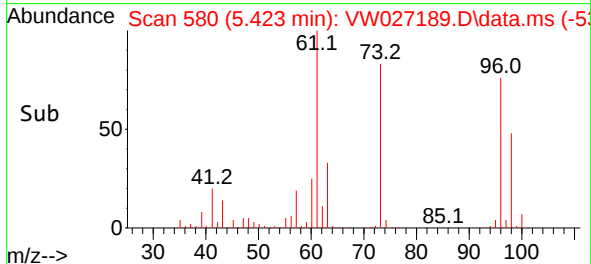
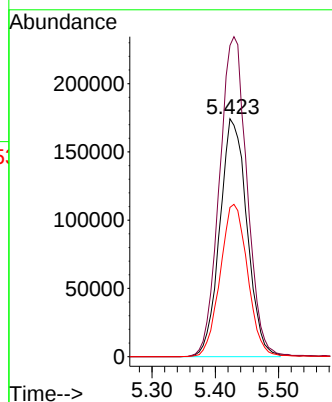
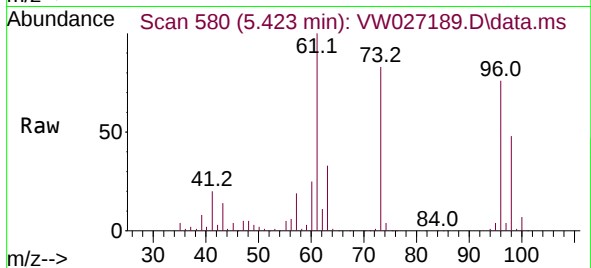
Tgt Ion: 96 Resp: 519207

Ion Ratio Lower Upper

96 100

61 130.8 93.5 173.7

98 62.7 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 51.805 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

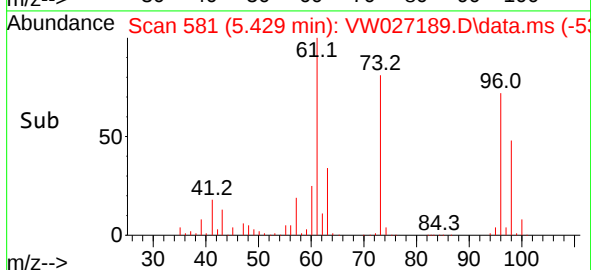
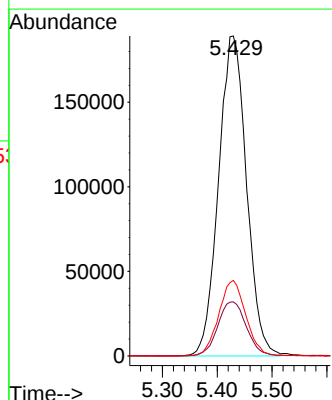
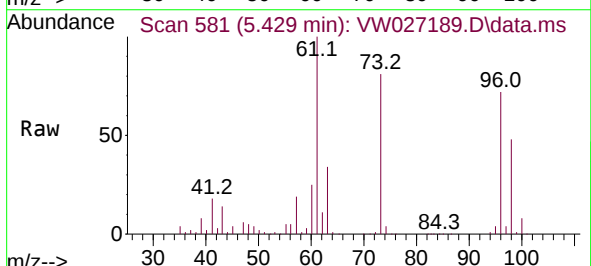
Tgt Ion: 73 Resp: 669834

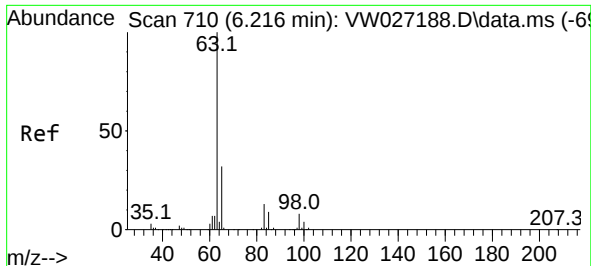
Ion Ratio Lower Upper

73 100

43 17.2 14.2 21.2

57 22.9 18.3 27.5





#19

1,1-Dichloroethane

Concen: 49.113 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

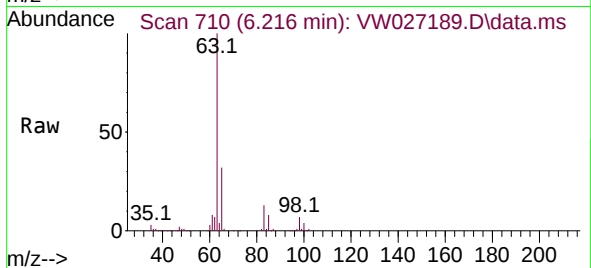
Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :



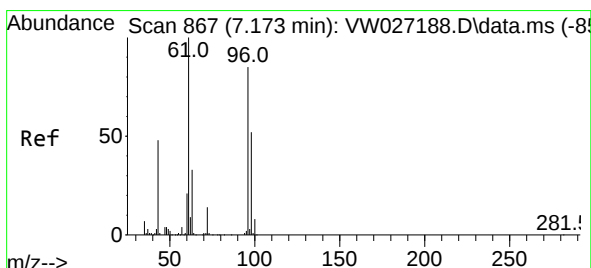
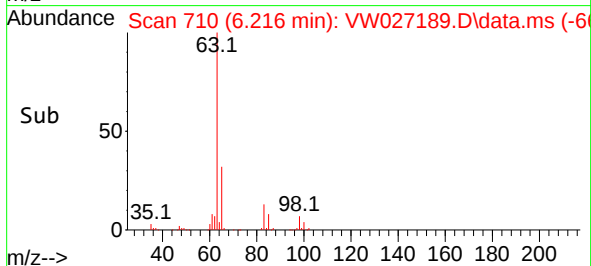
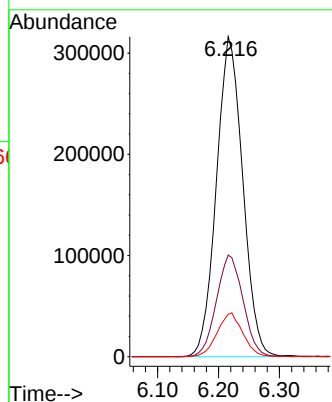
Tgt Ion: 63 Resp: 946339

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.9

83 13.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 51.066 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

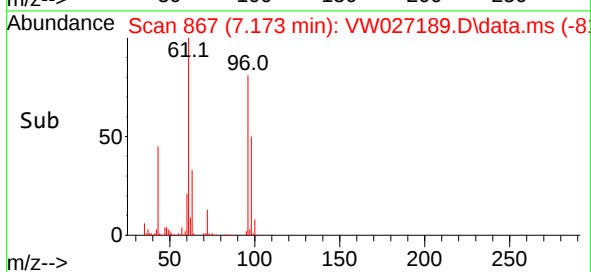
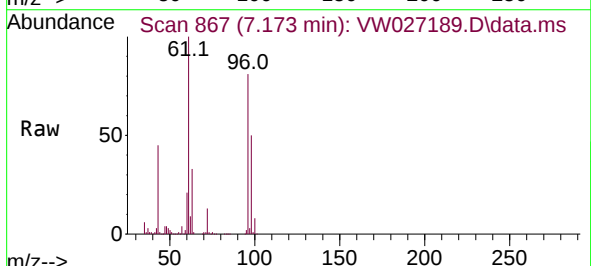
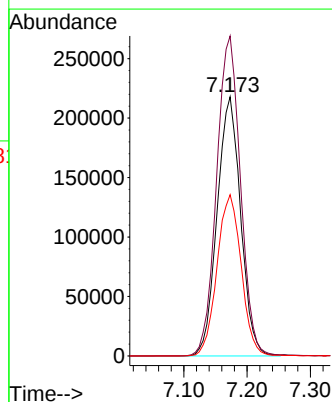
Tgt Ion: 96 Resp: 562432

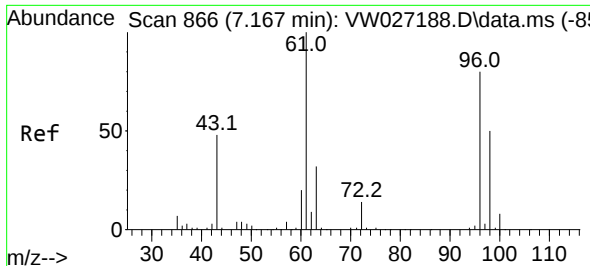
Ion Ratio Lower Upper

96 100

61 123.5 82.7 153.5

98 62.2 43.0 80.0

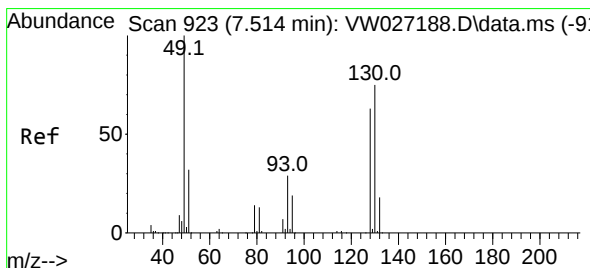
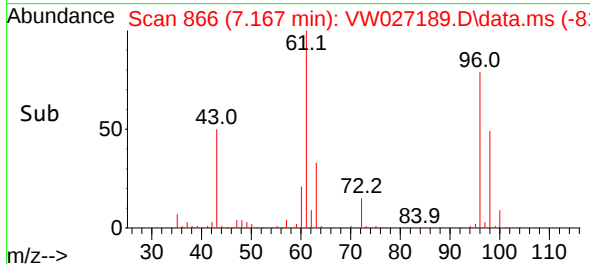
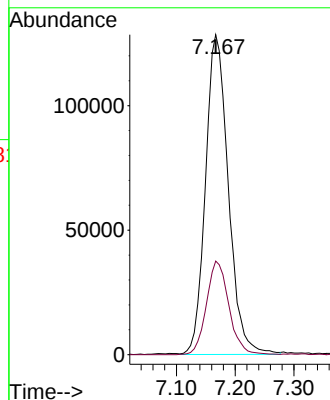
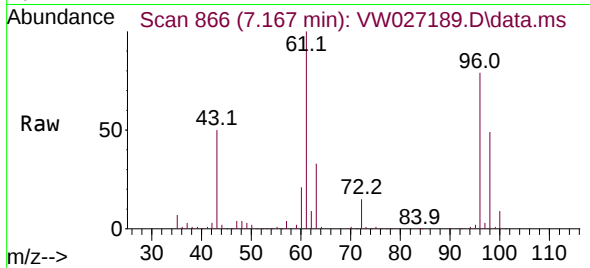




#22
2-Butanone
Concen: 114.654 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

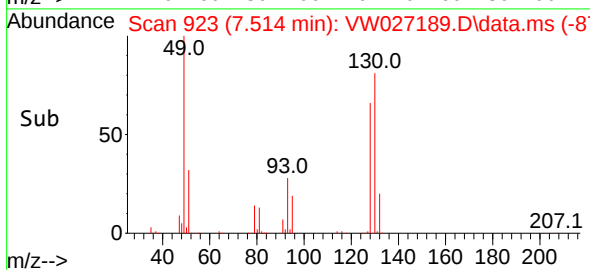
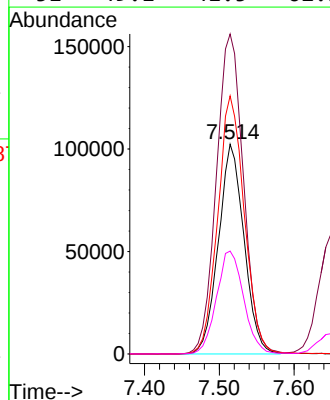
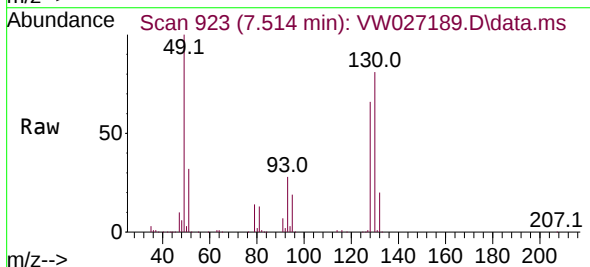
Instrument :
MSVOA_W
ClientSampleId :

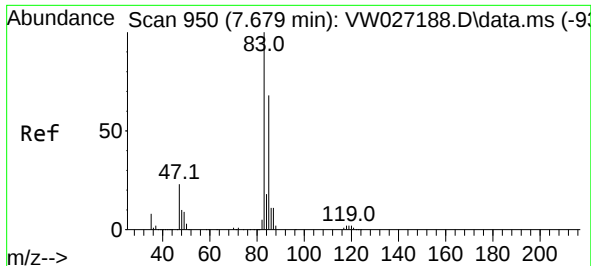
Tgt Ion: 43 Resp: 347327
Ion Ratio Lower Upper
43 100
72 28.8 14.6 44.0



#23
Bromochloromethane
Concen: 48.493 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion:128 Resp: 243710
Ion Ratio Lower Upper
128 100
49 152.5 112.1 208.1
130 123.0 83.9 155.7
51 49.1 41.5 62.3

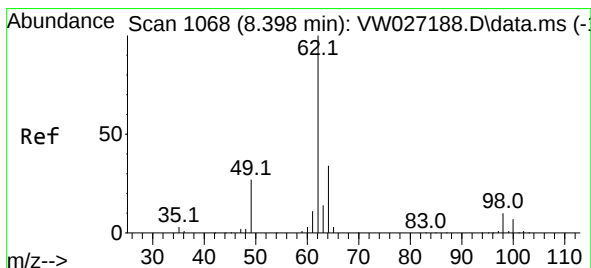
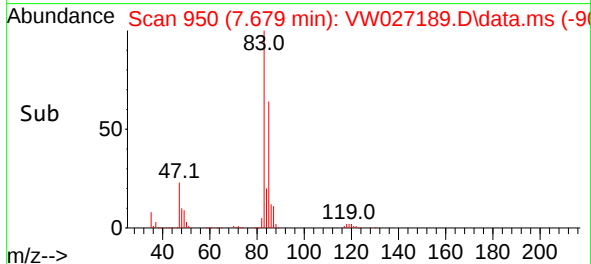
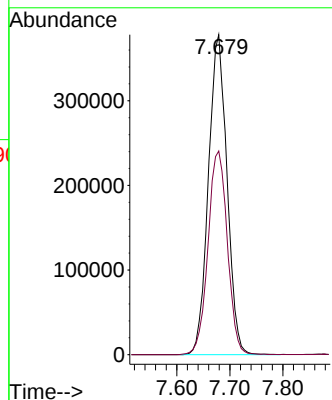
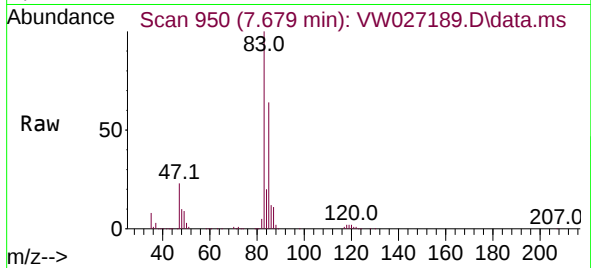




#25
Chloroform
Concen: 48.914 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

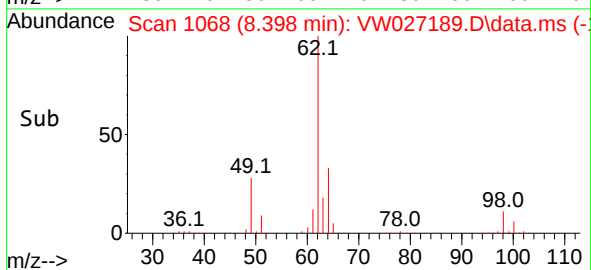
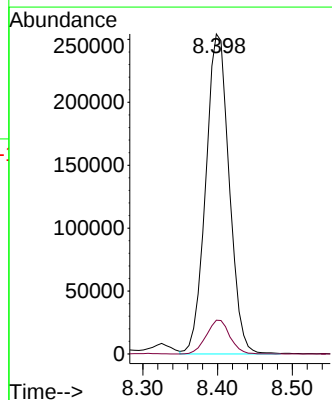
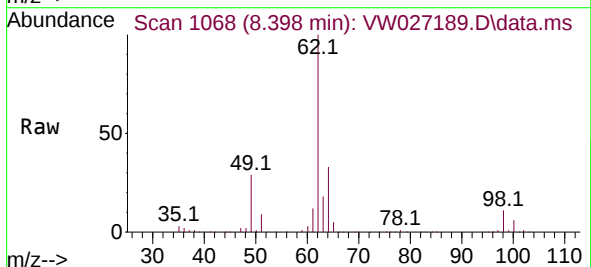
Instrument :
MSVOA_W
ClientSampleId :

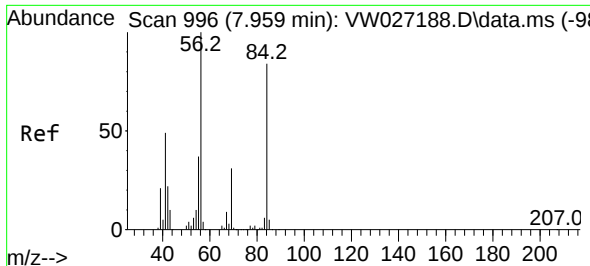
Tgt Ion: 83 Resp: 919251
Ion Ratio Lower Upper
83 100
85 63.7 47.7 88.5



#27
1,2-Dichloroethane
Concen: 48.254 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

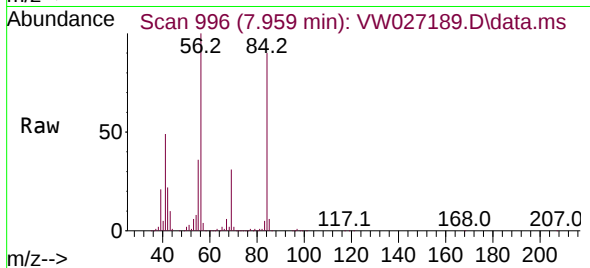
Tgt Ion: 62 Resp: 555531
Ion Ratio Lower Upper
62 100
98 10.6 7.9 11.9



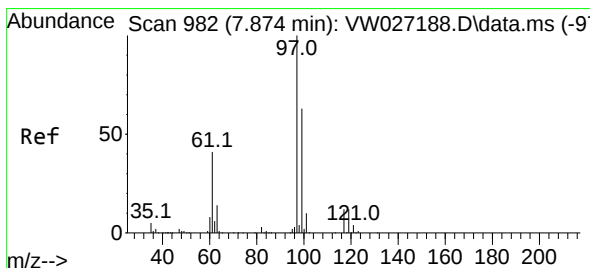
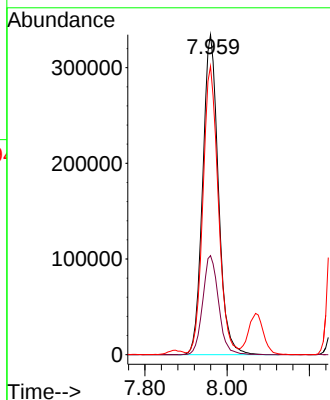
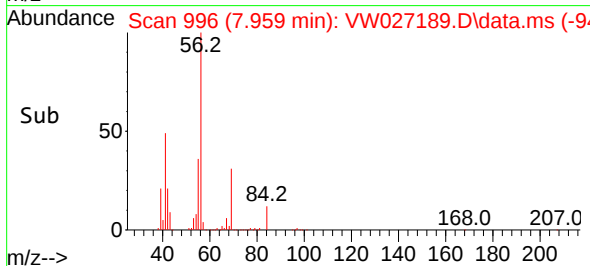


#29
Cyclohexane
Concen: 54.821 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Instrument :
MSVOA_W
ClientSampleId :

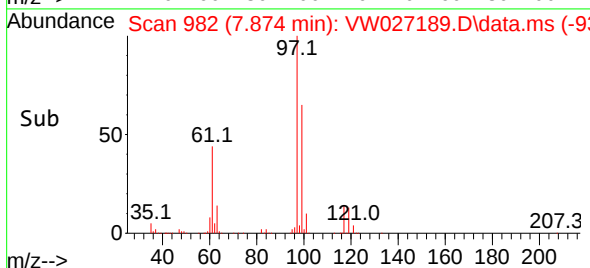
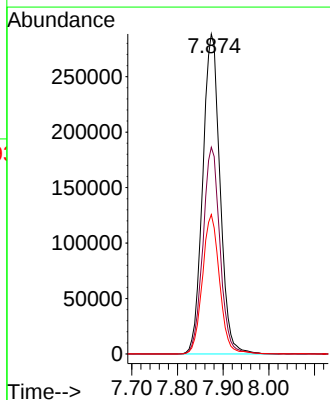
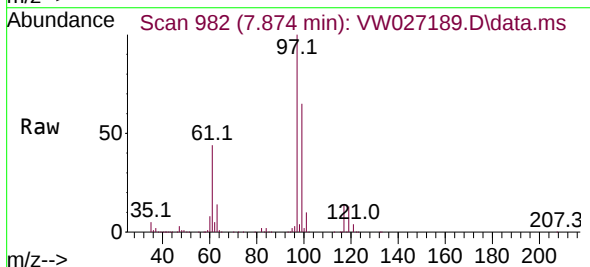


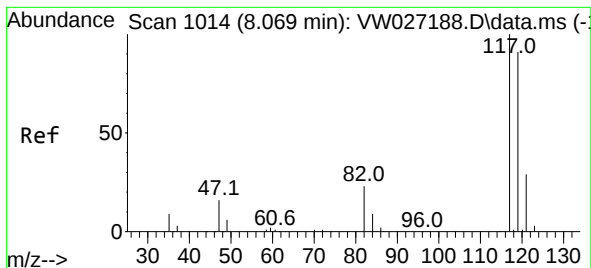
Tgt Ion:	56	Resp:	885338
Ion Ratio	Lower	Upper	
56	100		
69	31.2	25.0	37.4
84	88.5	69.9	104.9



#30
1,1,1-Trichloroethane
Concen: 50.240 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion:	97	Resp:	758098
Ion Ratio	Lower	Upper	
97	100		
99	63.6	50.8	76.2
61	42.8	34.6	52.0





#31

Carbon tetrachloride

Concen: 49.578 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

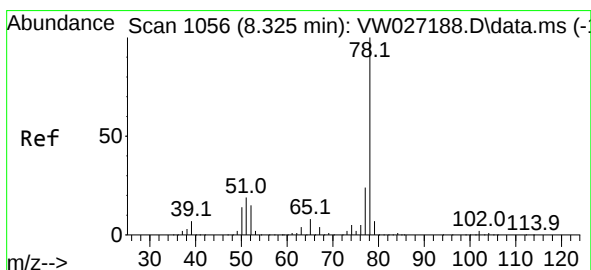
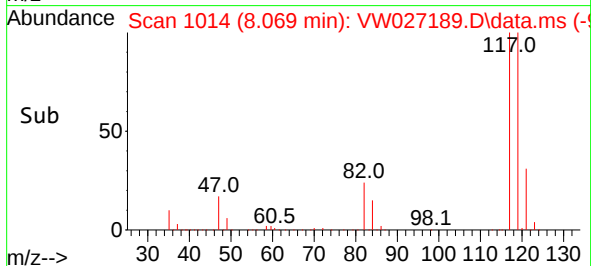
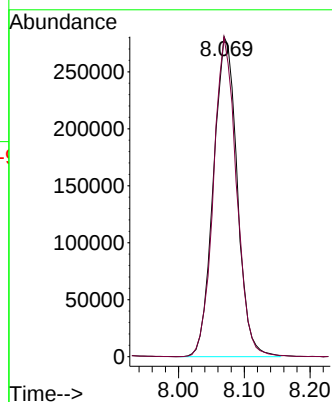
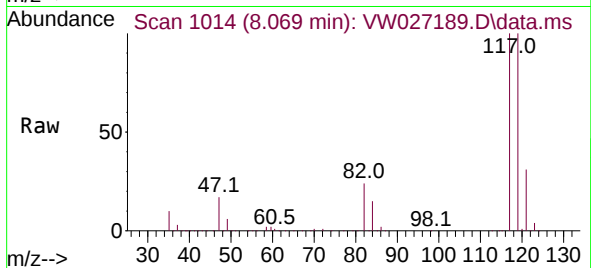
ClientSampleId :

Tgt Ion:117 Resp: 706611

Ion Ratio Lower Upper

117 100

119 96.9 77.0 115.6



#33

Benzene

Concen: 50.081 ug/L

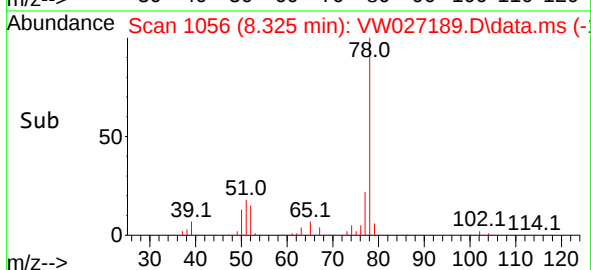
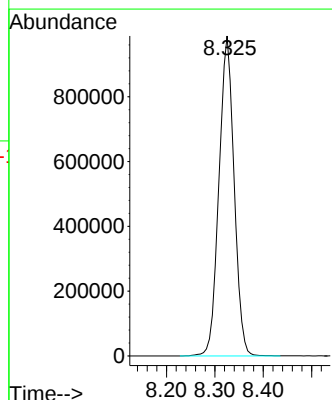
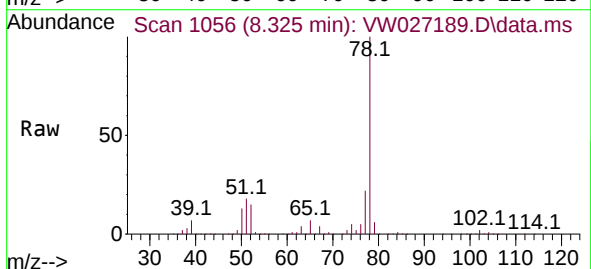
RT: 8.325 min Scan# 1056

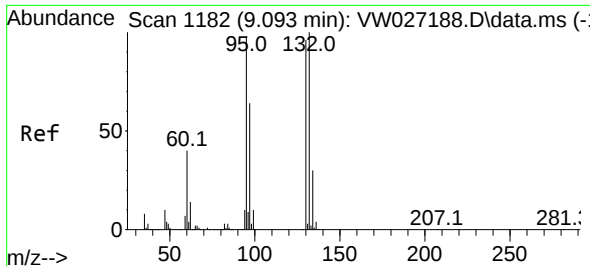
Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Tgt Ion: 78 Resp: 2148692





#34

Trichloroethene

Concen: 49.944 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

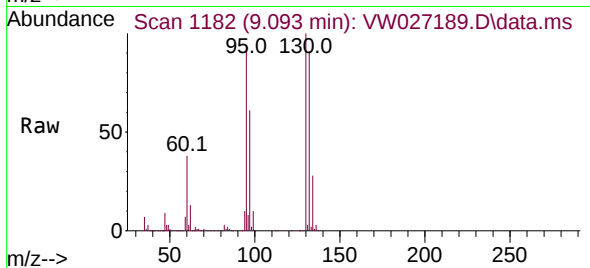
Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 559567

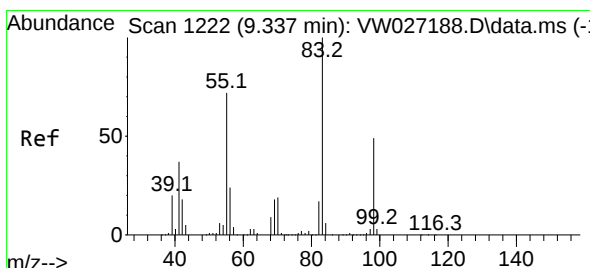
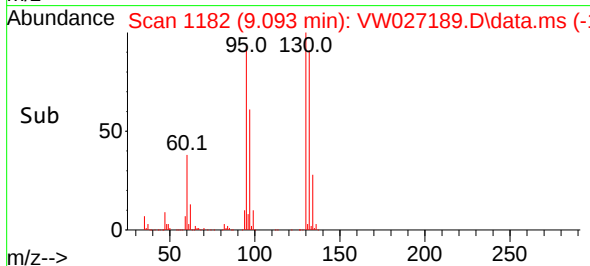
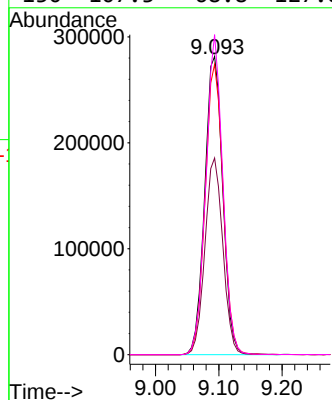
Ion Ratio Lower Upper

95 100

97 66.0 46.1 85.7

132 97.4 71.5 132.9

130 107.3 68.8 127.8



#35

Methylcyclohexane

Concen: 53.980 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

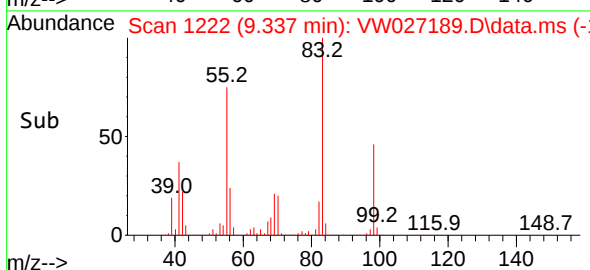
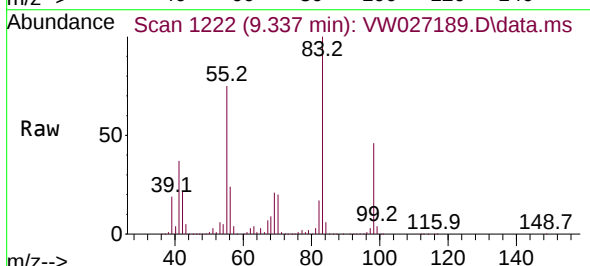
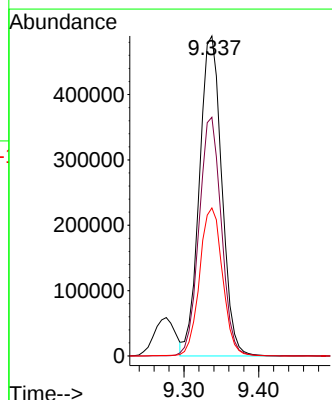
Tgt Ion: 83 Resp: 1017204

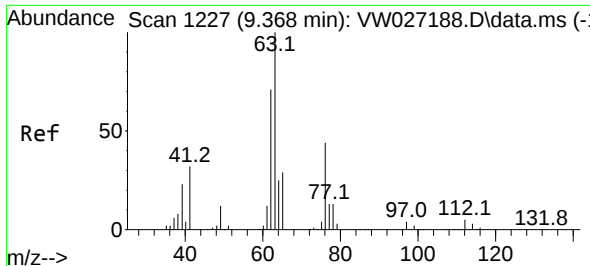
Ion Ratio Lower Upper

83 100

55 74.2 59.1 88.7

98 47.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 48.842 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

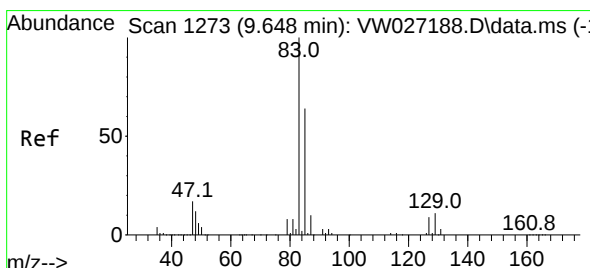
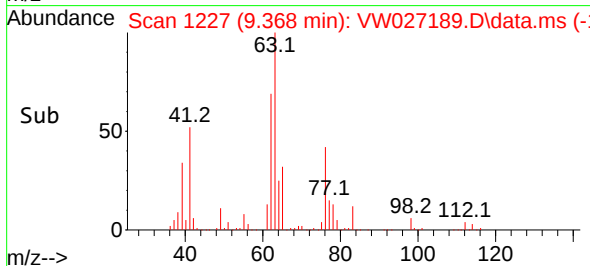
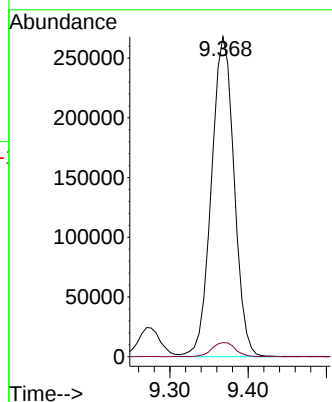
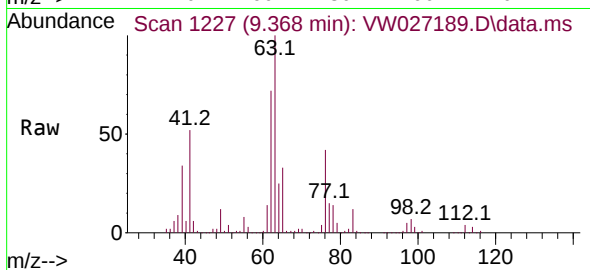
ClientSampleId :

Tgt Ion: 63 Resp: 540239

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 49.328 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

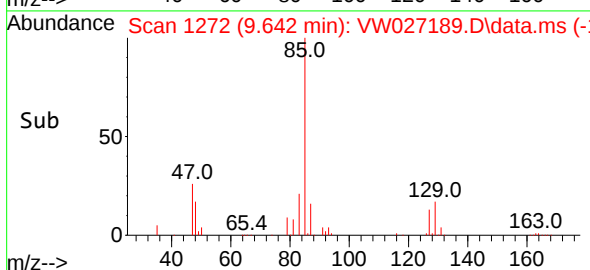
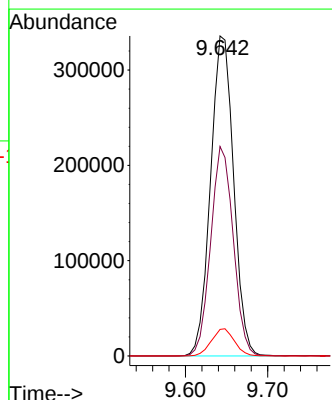
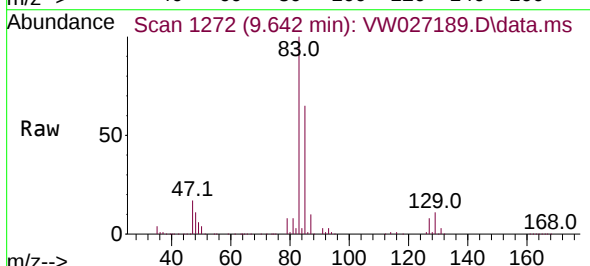
Tgt Ion: 83 Resp: 654916

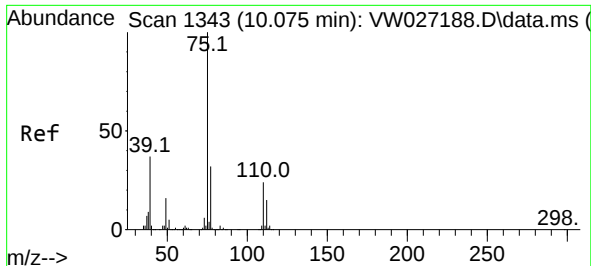
Ion Ratio Lower Upper

83 100

85 65.5 44.7 82.9

127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 52.905 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

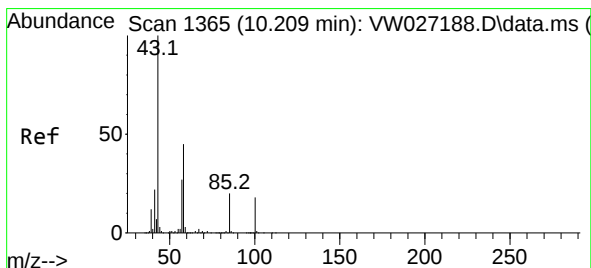
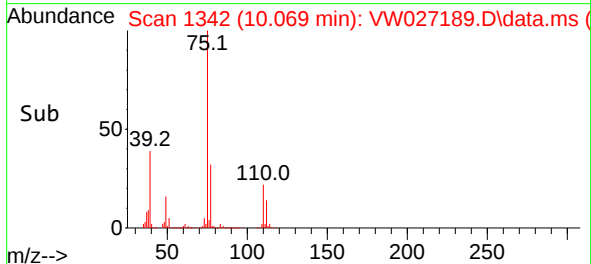
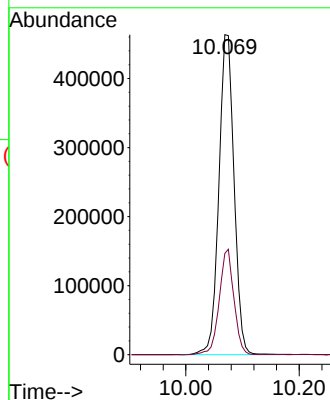
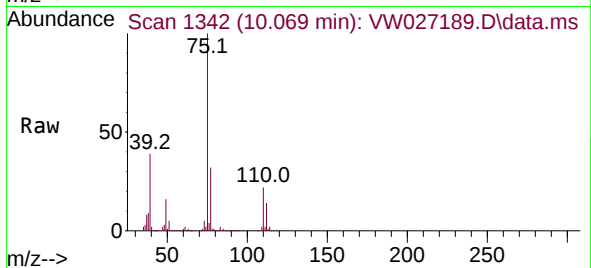
ClientSampleId :

Tgt Ion: 75 Resp: 861762

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 108.588 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

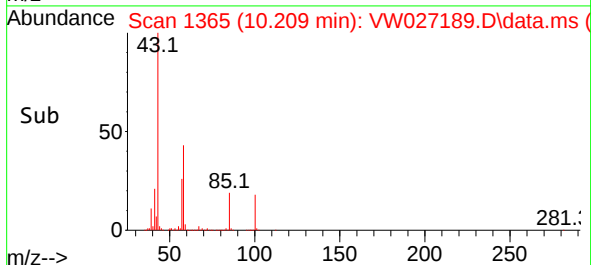
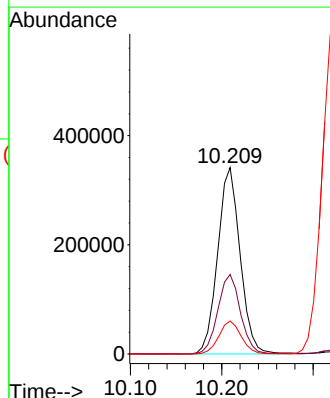
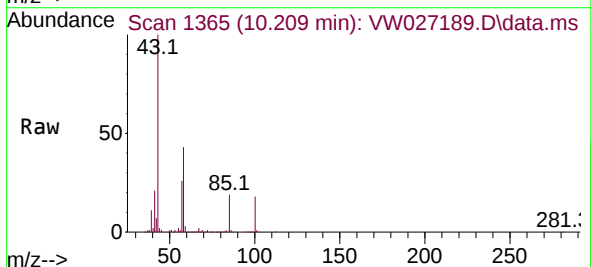
Tgt Ion: 43 Resp: 582373

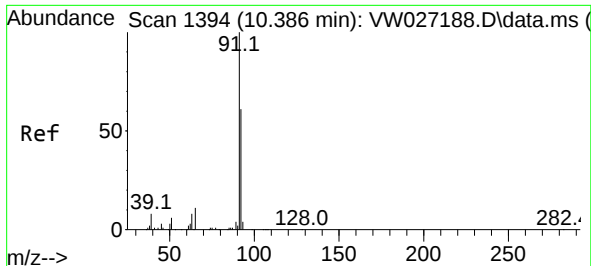
Ion Ratio Lower Upper

43 100

58 43.0 33.8 50.6

100 17.6 13.7 20.5

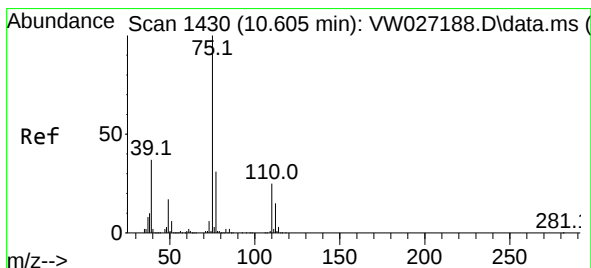
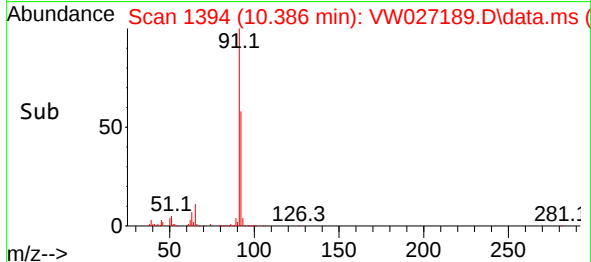
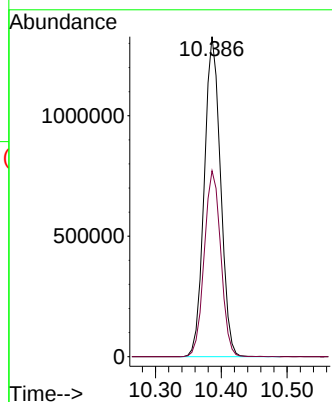
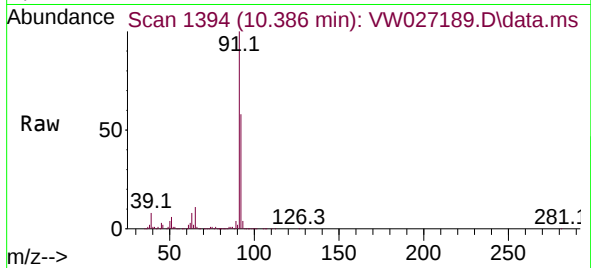




#42
Toluene
Concen: 51.956 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

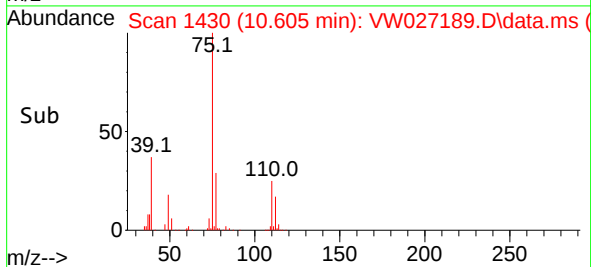
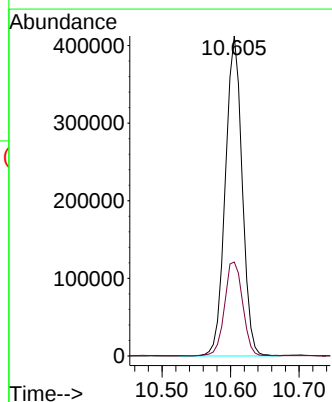
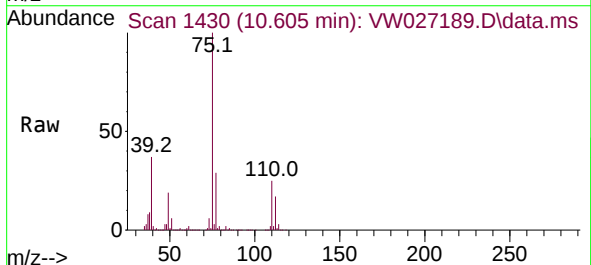
Instrument :
MSVOA_W
ClientSampleId :

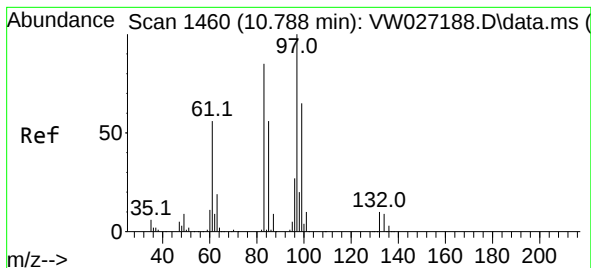
Tgt Ion: 91 Resp: 2289206
Ion Ratio Lower Upper
91 100
92 58.1 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 52.540 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion: 75 Resp: 701386
Ion Ratio Lower Upper
75 100
77 29.3 21.6 40.2

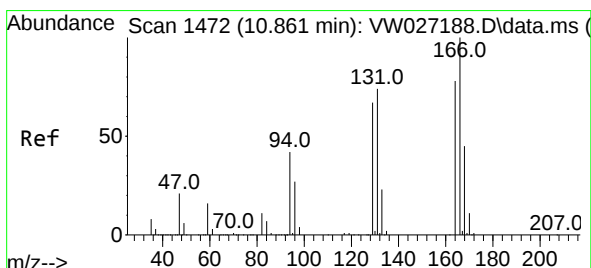
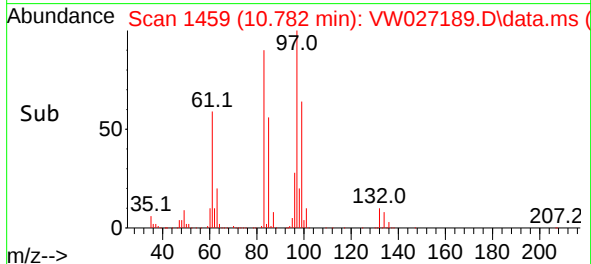
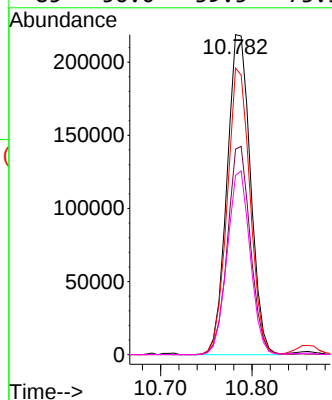
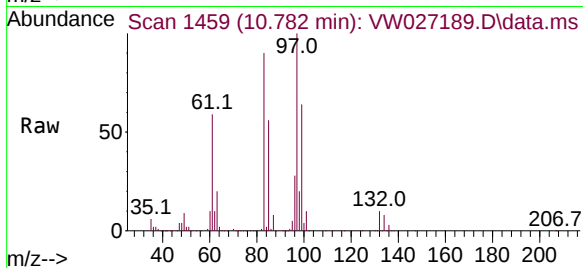




#45
1,1,2-Trichloroethane
Concen: 48.964 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

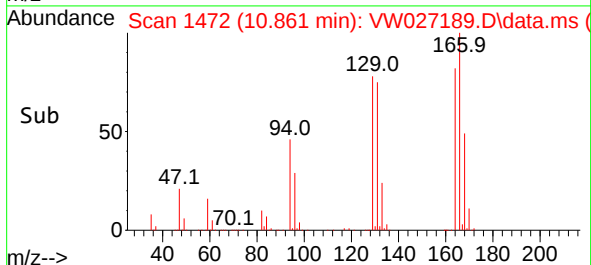
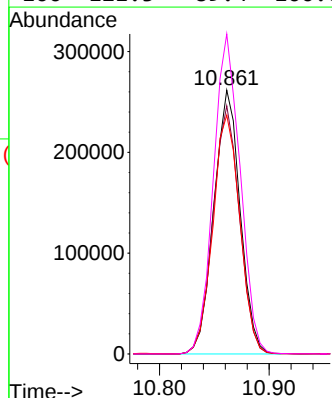
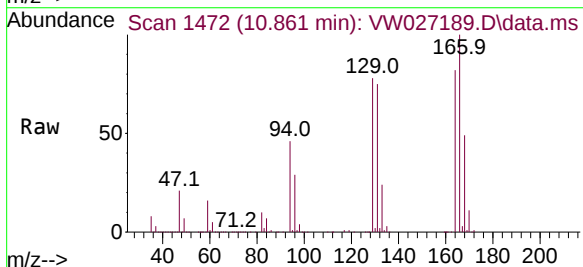
Instrument :
MSVOA_W
ClientSampleId :

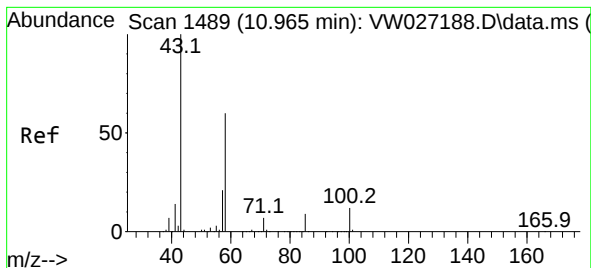
Tgt Ion:	97	Resp:	391717
Ion	Ratio	Lower	Upper
97	100		
99	64.2	45.3	84.1
83	89.6	59.5	110.5
85	56.0	39.5	73.3



#46
Tetrachloroethene
Concen: 49.587 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion:	164	Resp:	436723
Ion	Ratio	Lower	Upper
164	100		
129	94.1	60.3	112.1
131	90.5	66.1	122.7
166	121.3	89.4	166.0





#48

2-Hexanone

Concen: 112.775 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

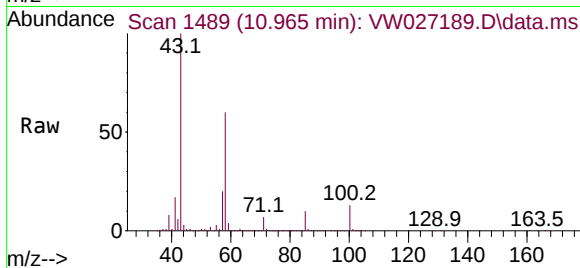
Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 474163

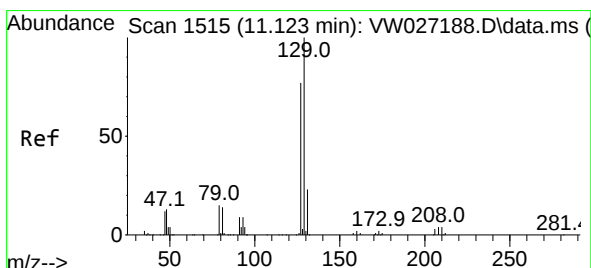
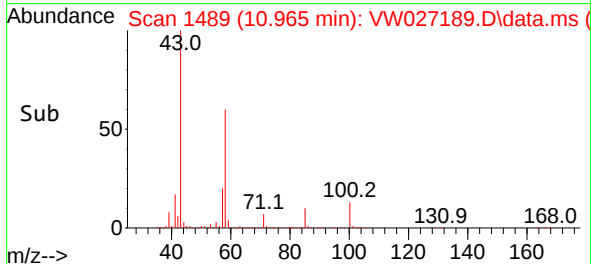
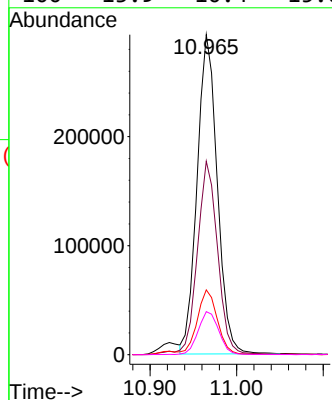
Ion Ratio Lower Upper

43 100

58 60.5 47.2 70.8

57 20.3 15.9 23.9

100 13.9 10.4 15.6



#49

Dibromochloromethane

Concen: 49.757 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW027189.D

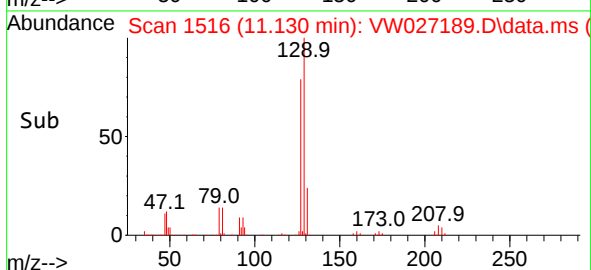
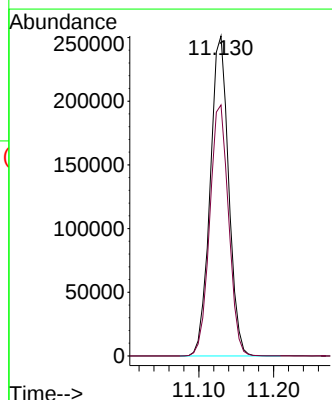
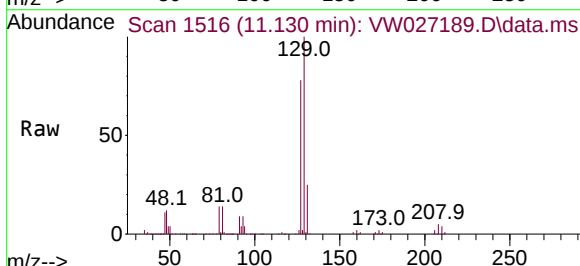
Acq: 27 Sep 2023 11:43

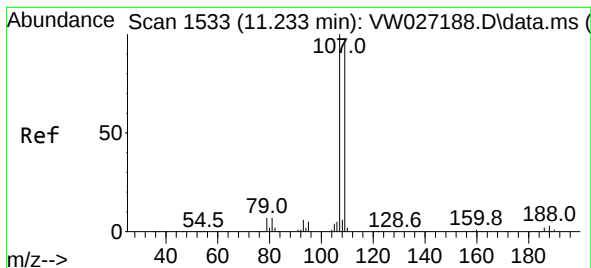
Tgt Ion:129 Resp: 431704

Ion Ratio Lower Upper

129 100

127 78.5 54.2 100.6

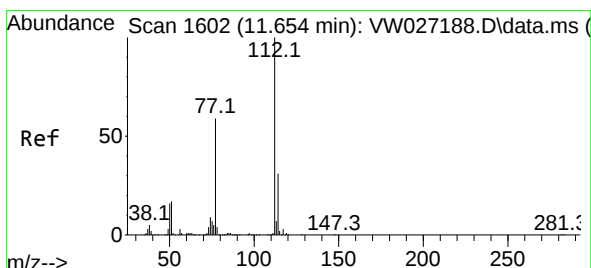
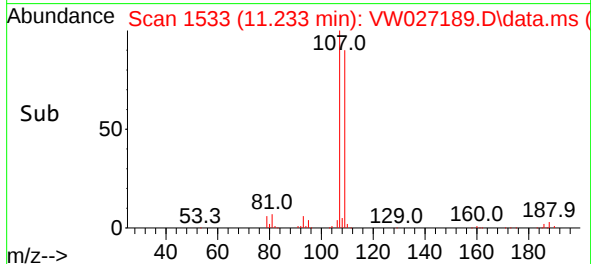
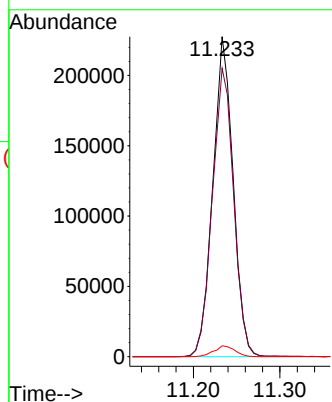
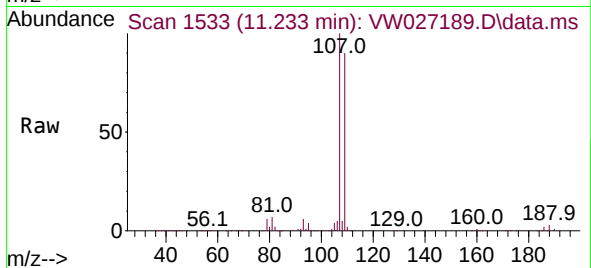




#50
1,2-Dibromoethane
Concen: 49.888 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

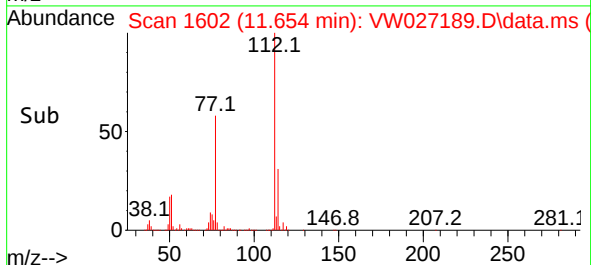
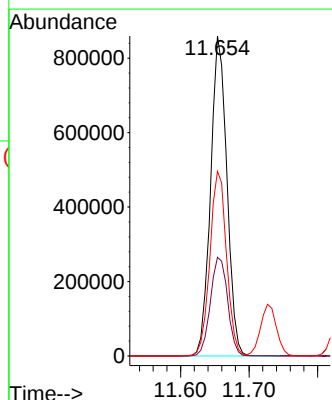
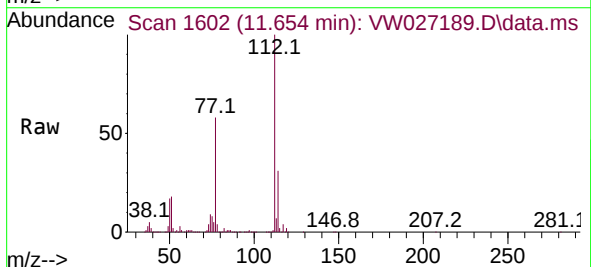
Instrument :
MSVOA_W
ClientSampleId :

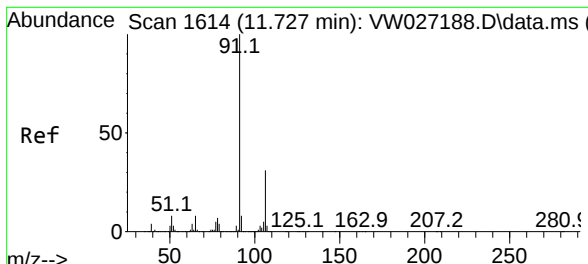
Tgt Ion:107 Resp: 370351
Ion Ratio Lower Upper
107 100
109 90.1 68.2 126.6
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 48.622 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion:112 Resp: 1421618
Ion Ratio Lower Upper
112 100
114 30.8 21.9 40.7
77 57.7 47.4 71.0

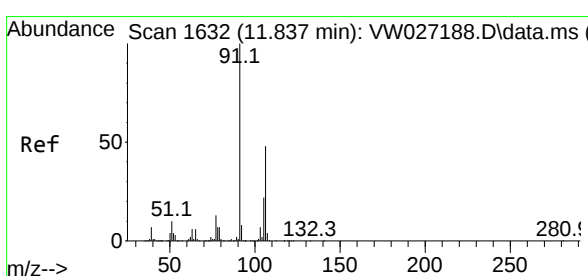
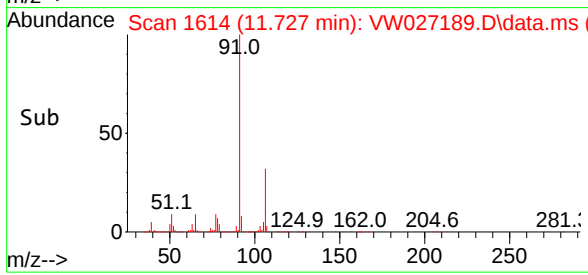
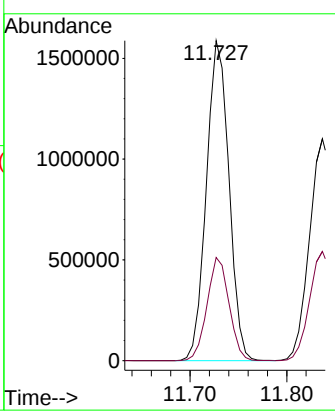
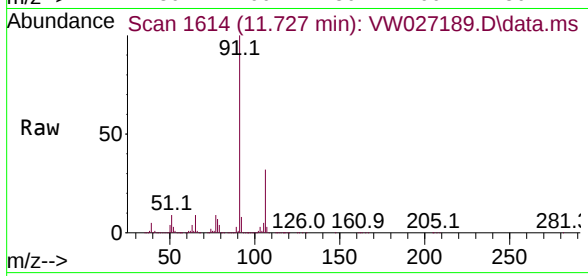




#52
 Ethylbenzene
 Concen: 51.949 ug/L
 RT: 11.727 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: VW027189.D
 Acq: 27 Sep 2023 11:43

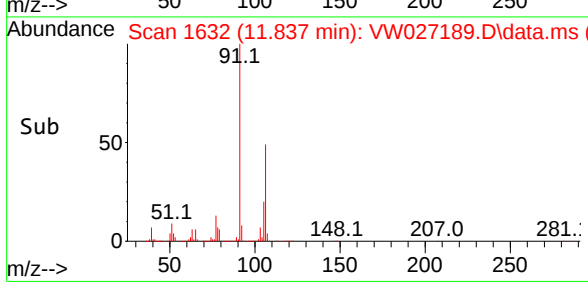
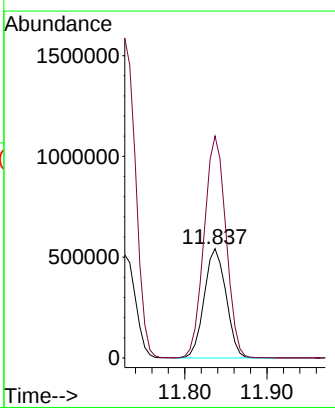
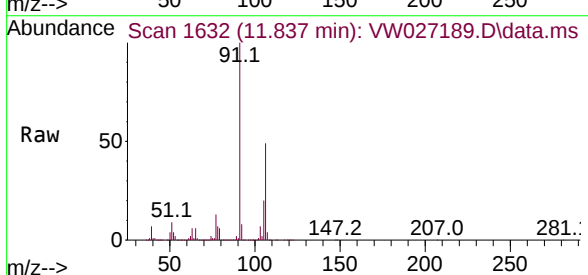
Instrument :
 MSVOA_W
 ClientSampleId :

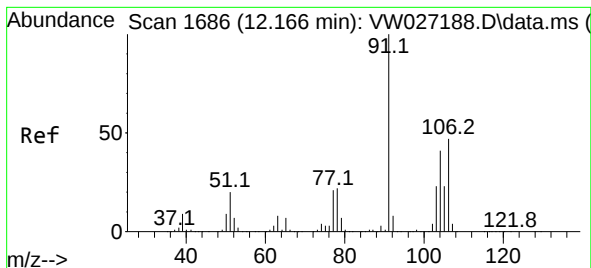
Tgt Ion: 91 Resp: 2571394
 Ion Ratio Lower Upper
 91 100
 106 32.2 21.8 40.6



#53
 m,p-Xylene
 Concen: 52.712 ug/L
 RT: 11.837 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VW027189.D
 Acq: 27 Sep 2023 11:43

Tgt Ion: 106 Resp: 1000445
 Ion Ratio Lower Upper
 106 100
 91 203.1 145.9 270.9

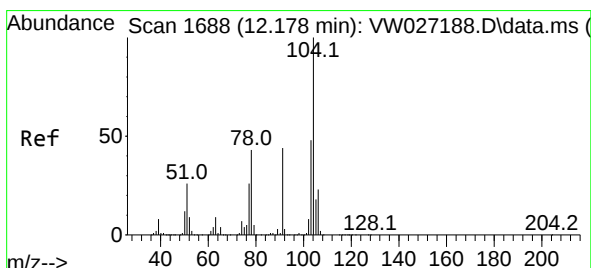
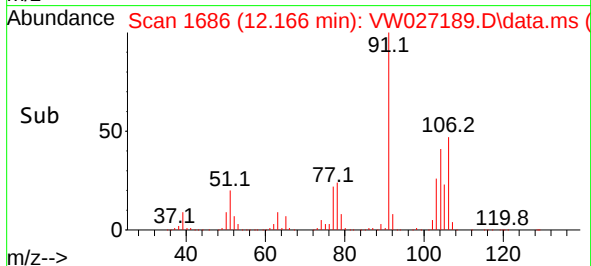
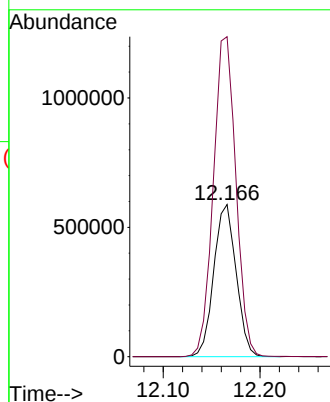
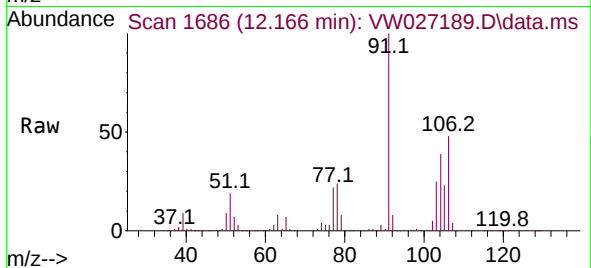




#54
o-Xylene
Concen: 53.207 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

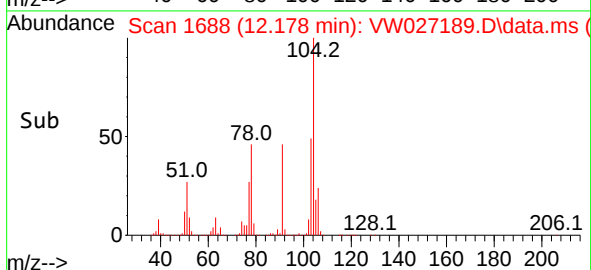
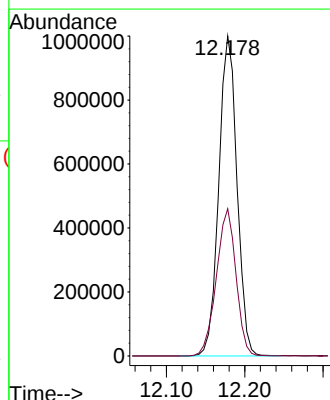
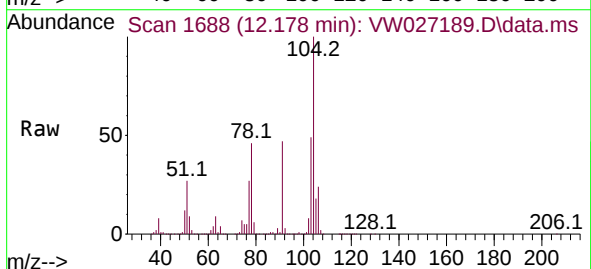
Instrument :
MSVOA_W
ClientSampleId :

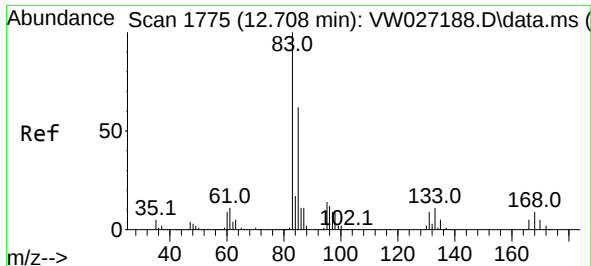
Tgt Ion:106 Resp: 943348
Ion Ratio Lower Upper
106 100
91 210.2 149.5 277.7



#55
Styrene
Concen: 53.000 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion:104 Resp: 1617578
Ion Ratio Lower Upper
104 100
78 46.0 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 49.118 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

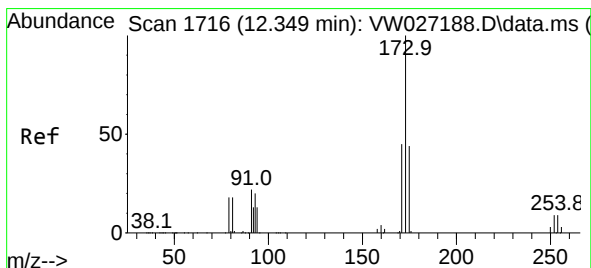
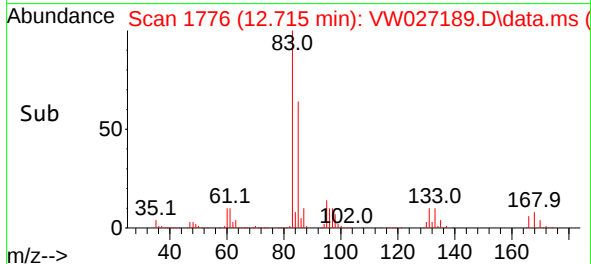
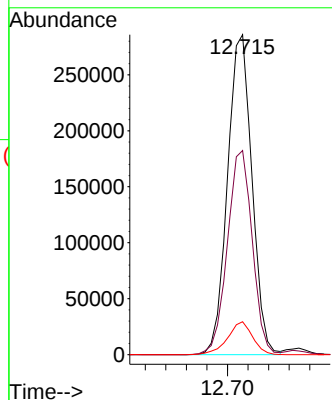
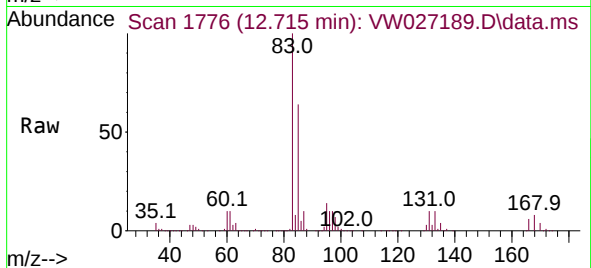
Tgt Ion: 83 Resp: 471332

Ion Ratio Lower Upper

83 100

85 63.8 43.5 80.7

131 10.3 7.6 11.4



#59

Bromoform

Concen: 50.330 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

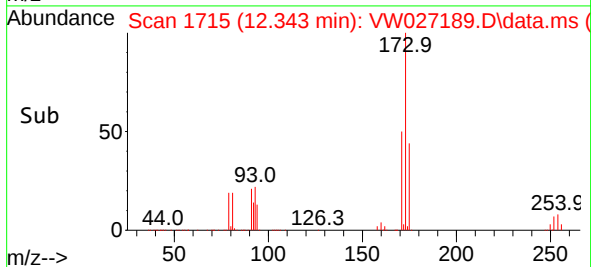
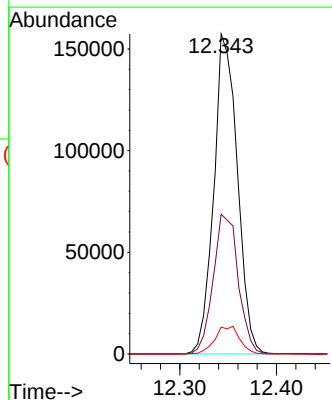
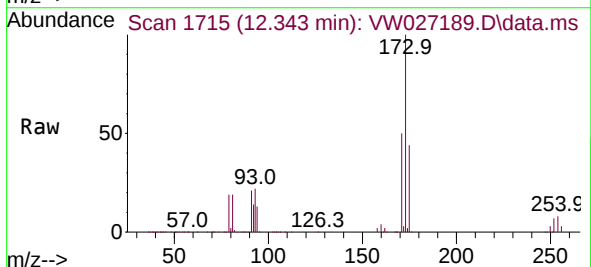
Tgt Ion:173 Resp: 266298

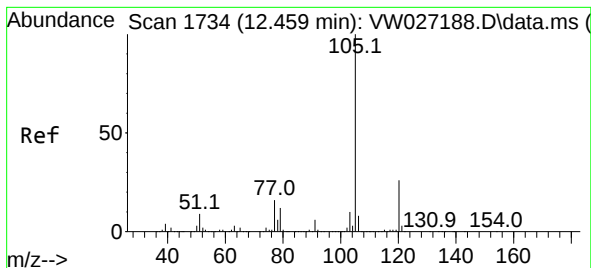
Ion Ratio Lower Upper

173 100

175 46.3 37.1 55.7

254 9.1 7.2 10.8





#60

Isopropylbenzene

Concen: 53.043 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

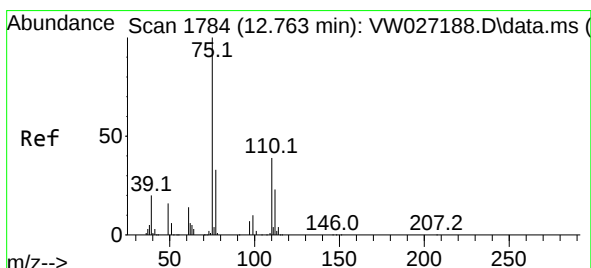
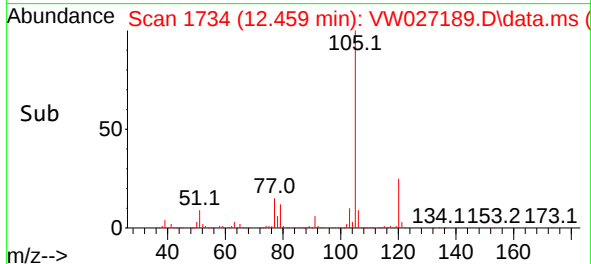
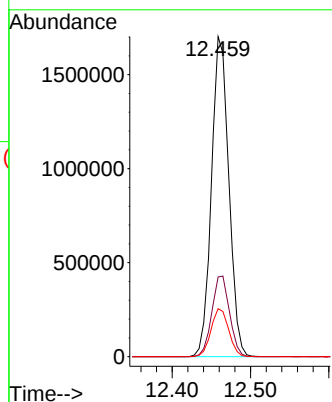
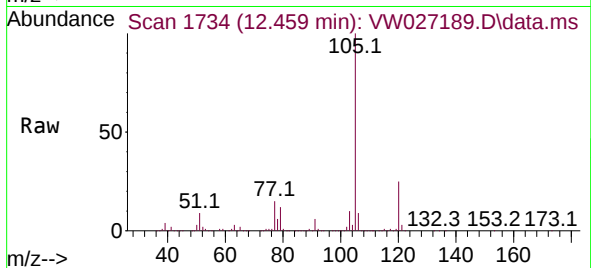
Tgt Ion:105 Resp: 2617099

Ion Ratio Lower Upper

105 100

120 25.7 21.0 31.6

77 15.3 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 48.232 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

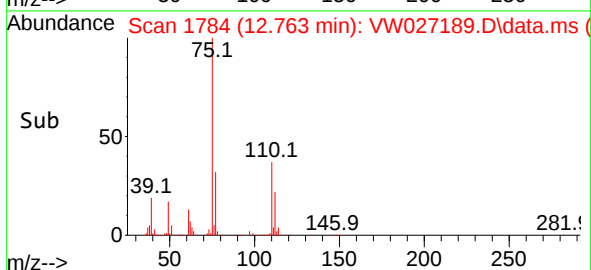
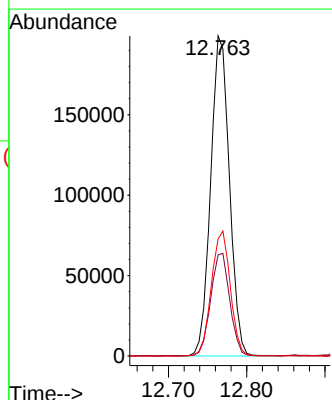
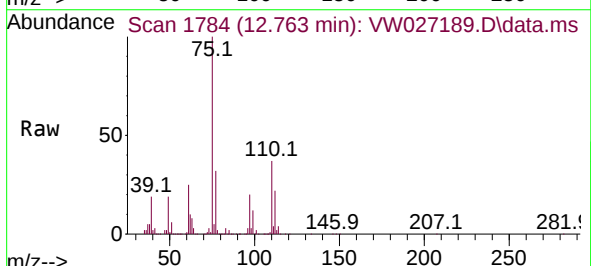
Tgt Ion: 75 Resp: 330865

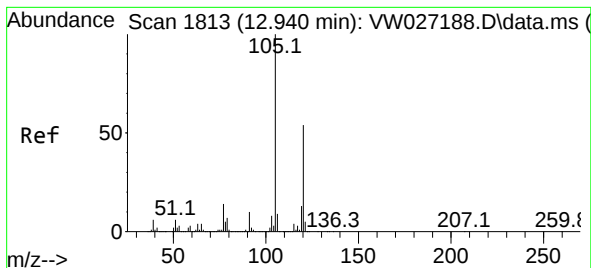
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 39.2 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 54.245 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

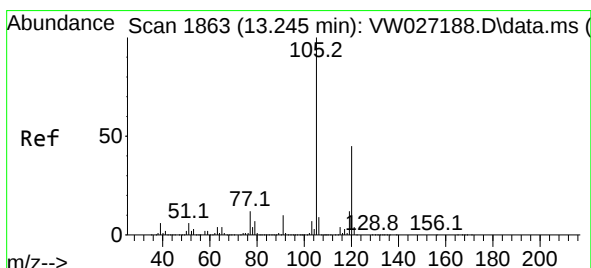
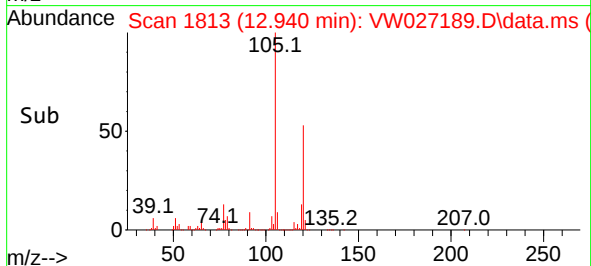
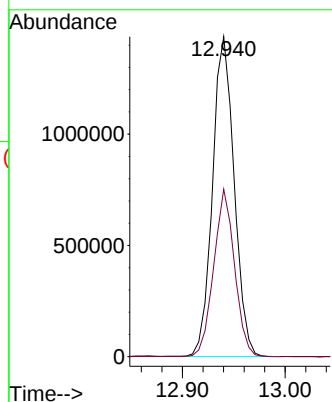
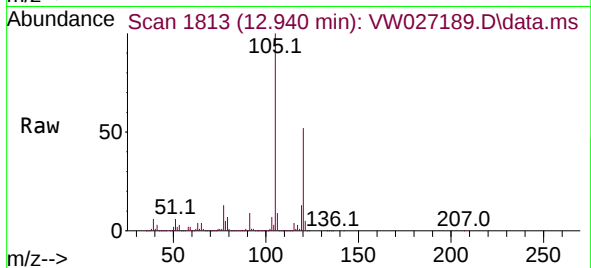
ClientSampleId :

Tgt Ion:105 Resp: 2098373

Ion Ratio Lower Upper

105 100

120 50.4 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 55.170 ug/L

RT: 13.251 min Scan# 1864

Delta R.T. 0.006 min

Lab File: VW027189.D

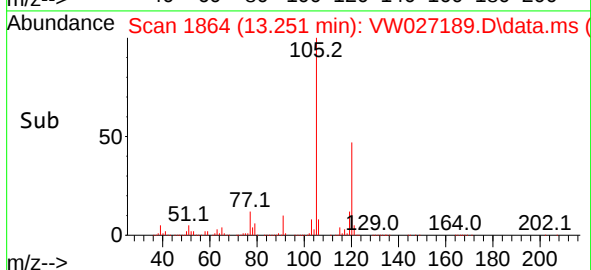
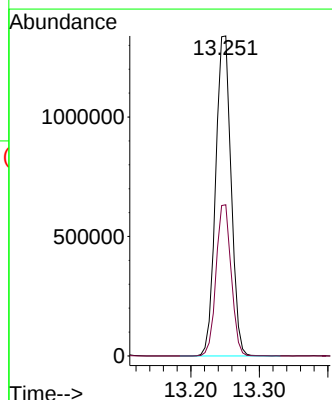
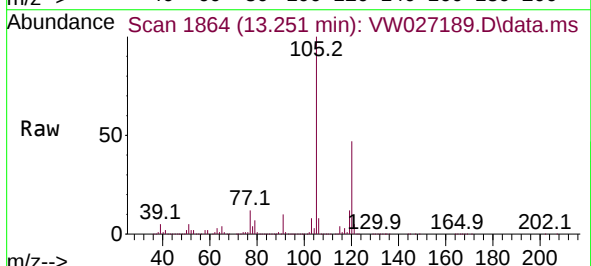
Acq: 27 Sep 2023 11:43

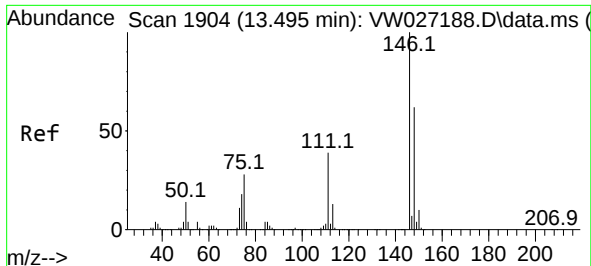
Tgt Ion:105 Resp: 2091413

Ion Ratio Lower Upper

105 100

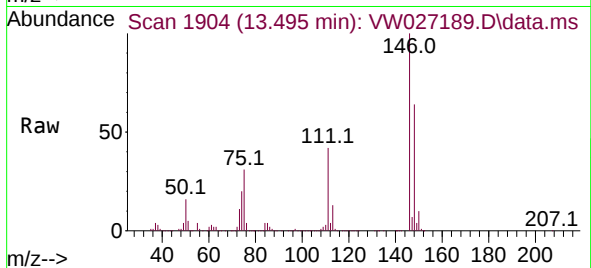
120 46.2 36.8 55.2



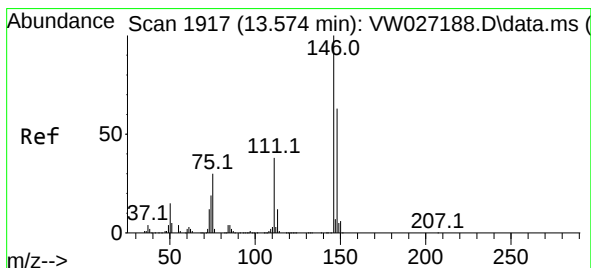
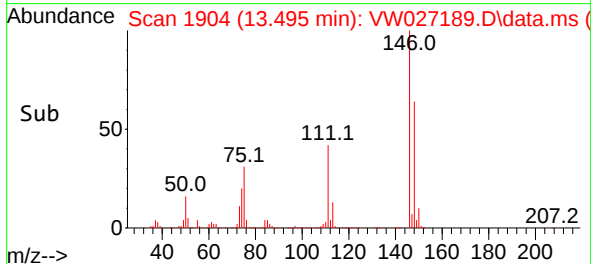
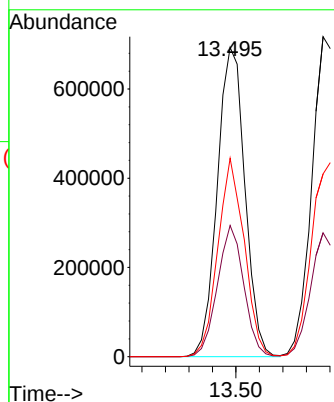


#64
1,3-Dichlorobenzene
Concen: 49.797 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Instrument :
MSVOA_W
ClientSampleId :

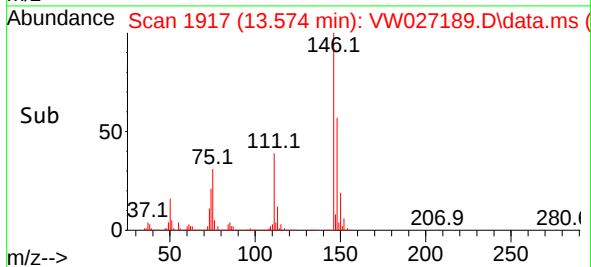
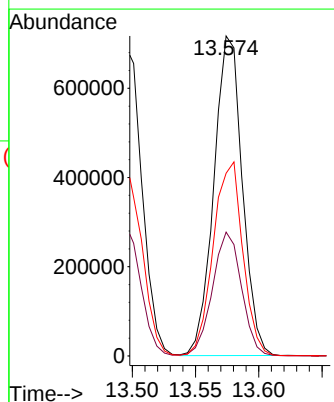
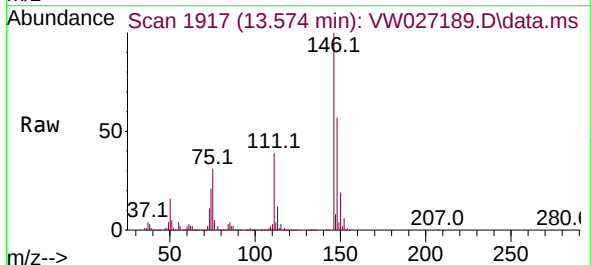


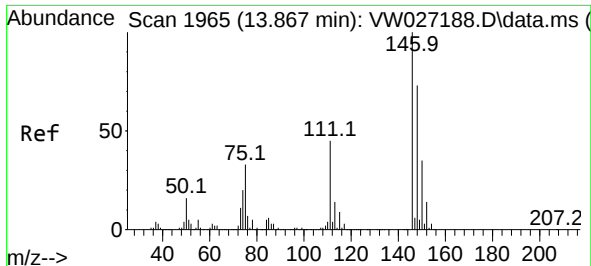
Tgt Ion:146 Resp: 1133966
Ion Ratio Lower Upper
146 100
111 42.4 26.9 50.1
148 64.2 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 49.061 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027189.D
Acq: 27 Sep 2023 11:43

Tgt Ion:146 Resp: 1122449
Ion Ratio Lower Upper
146 100
111 38.7 26.9 50.1
148 57.1 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 49.571 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

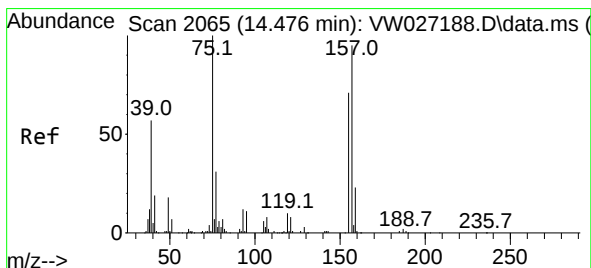
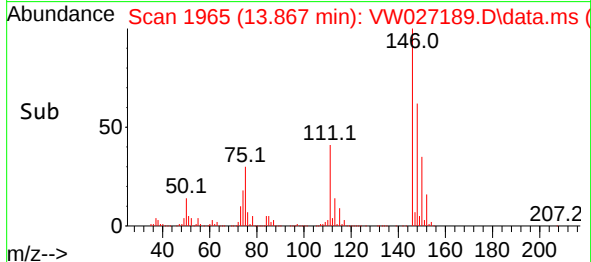
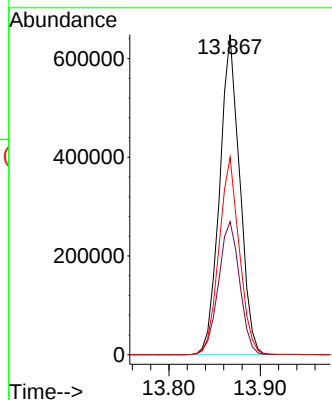
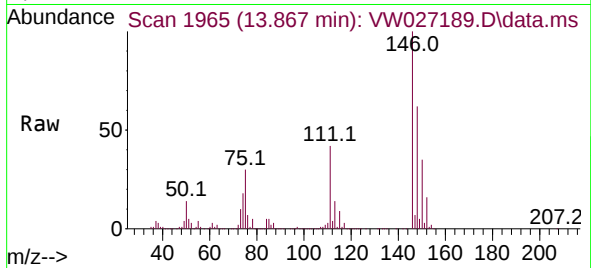
Tgt Ion:146 Resp: 989422

Ion Ratio Lower Upper

146 100

111 41.6 35.6 53.4

148 61.7 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 48.564 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

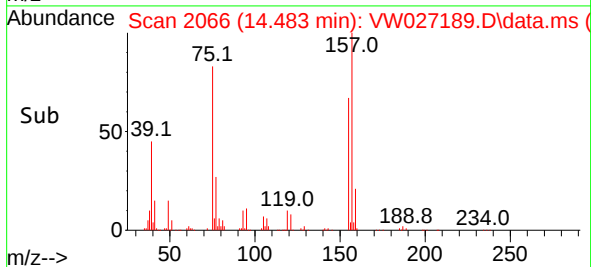
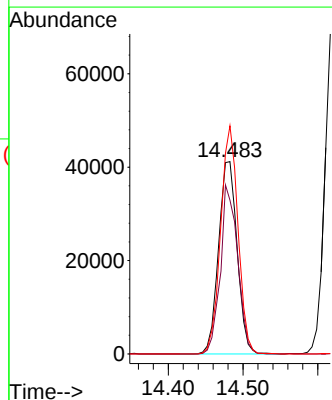
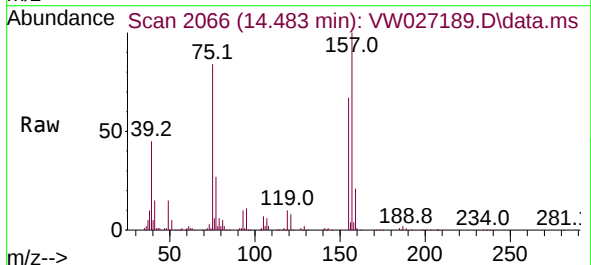
Tgt Ion: 75 Resp: 71368

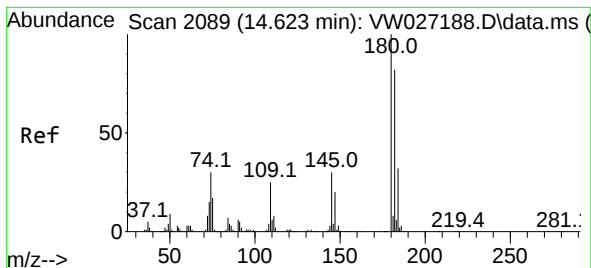
Ion Ratio Lower Upper

75 100

155 80.0 56.5 84.7

157 118.7 75.9 113.9#





#69

1,3,5-Trichlorobenzene

Concen: 50.902 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 746393

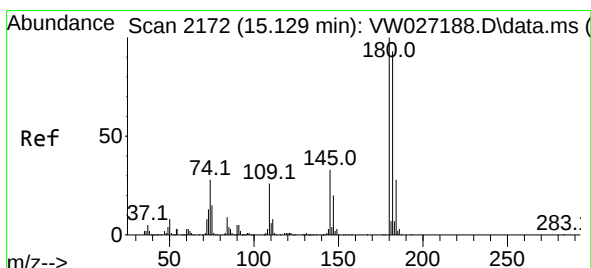
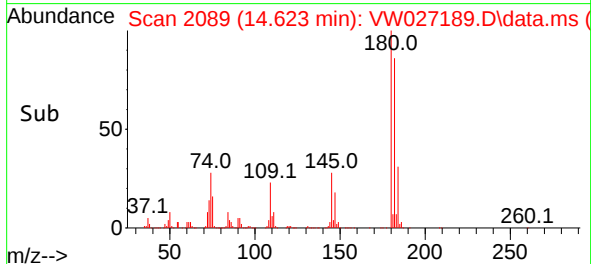
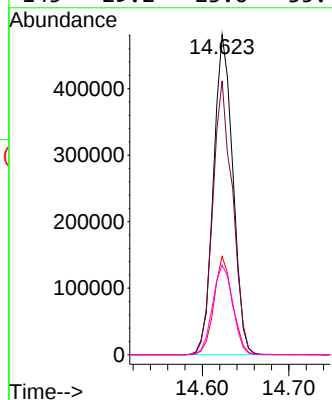
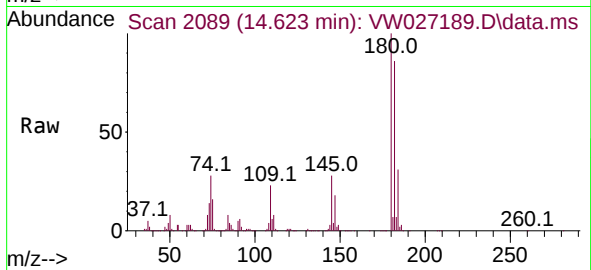
Ion Ratio Lower Upper

180 100

182 86.8 70.2 105.2

184 29.2 24.6 37.0

145 29.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 51.691 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

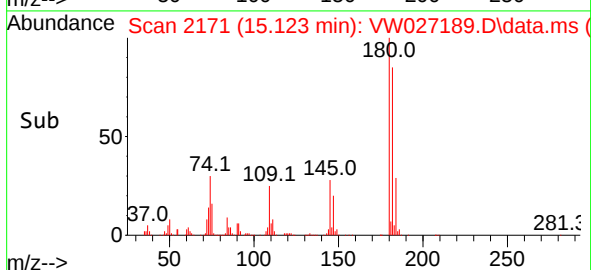
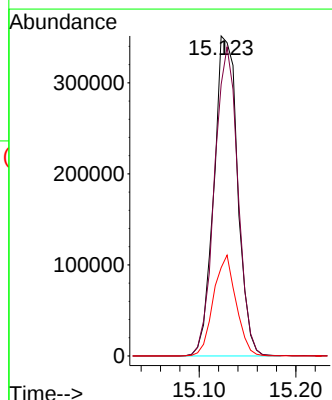
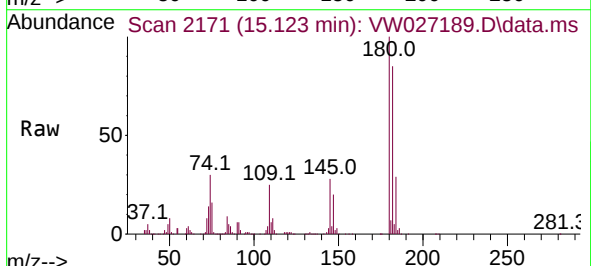
Tgt Ion:180 Resp: 597996

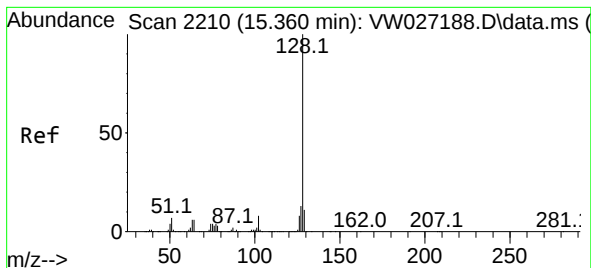
Ion Ratio Lower Upper

180 100

182 95.4 77.4 116.2

145 29.9 24.3 36.5





#71

Naphthalene

Concen: 55.309 ug/L

RT: 15.361 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Instrument :

MSVOA_W

ClientSampleId :

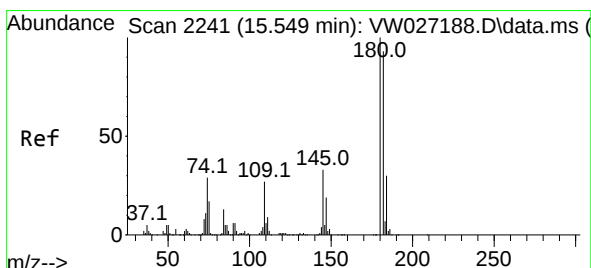
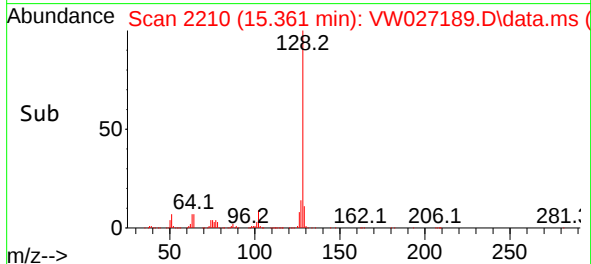
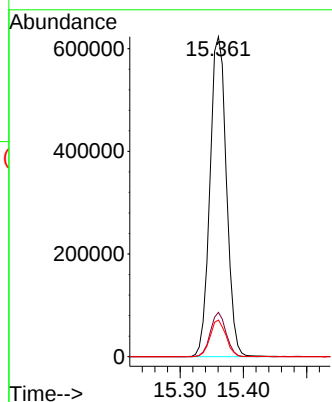
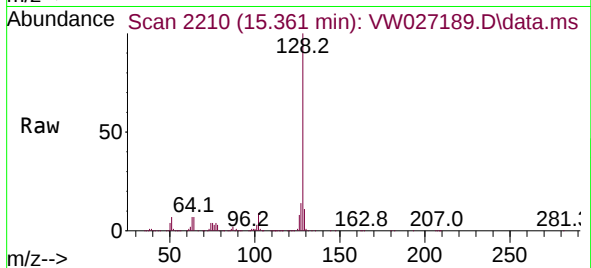
Tgt Ion:128 Resp: 1128952

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 48.965 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027189.D

Acq: 27 Sep 2023 11:43

Tgt Ion:180 Resp: 502831

Ion Ratio Lower Upper

180 100

182 100.7 74.7 112.1

145 33.7 26.4 39.6

