

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027429.D
 Acq On : 24 Oct 2023 20:08
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 01:35:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	465260	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	425008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	222093	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	118952	16.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.000%
7) Chloroethane-d5	2.899	69	101344	19.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	4.027	65	62705	17.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.480%
21) 2-Butanone-d5	7.081	46	99713	42.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.500%
24) Chloroform-d	7.654	84	290487	20.948	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	8.307	65	157347	21.123	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.480%
32) Benzene-d6	8.276	84	557090	19.374	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.480%
36) 1,2-Dichloropropane-d6	9.276	67	181132	20.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.480%
41) Toluene-d8	10.325	98	483076	18.526	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.120%
43) trans-1,3-Dichloroprop...	10.575	79	69371	17.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.280%
47) 2-Hexanone-d5	10.922	63	73777	40.601	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144810	22.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	156604	19.458	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.027	85	87963	15.890	ug/L	# 83
3) Chloromethane	2.228	50	114997	18.076	ug/L	99
5) Vinyl chloride	2.381	62	128718	18.113	ug/L	98
6) Bromomethane	2.795	94	75487	18.650	ug/L	90
8) Chloroethane	2.936	64	79853	19.521	ug/L	97
9) Trichlorofluoromethane	3.271	101	106063	21.156	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	119066	18.966	ug/L	# 71
12) 1,1-Dichloroethene	4.045	96	109680	17.978	ug/L	95
13) Acetone	4.131	43	72067	35.355	ug/L	98
14) Carbon disulfide	4.393	76	282498	14.936	ug/L	100
15) Methyl Acetate	4.679	43	65889	18.925	ug/L	99
16) Methylene chloride	4.917	84	147604	17.332	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	117097	17.859	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	221980	19.623	ug/L	99
19) 1,1-Dichloroethane	6.216	63	260553	19.477	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	141945	19.170	ug/L	96
22) 2-Butanone	7.173	43	98670	32.339	ug/L	99
23) Bromochloromethane	7.514	128	55856	18.271	ug/L	89
25) Chloroform	7.679	83	250726	20.025	ug/L	95

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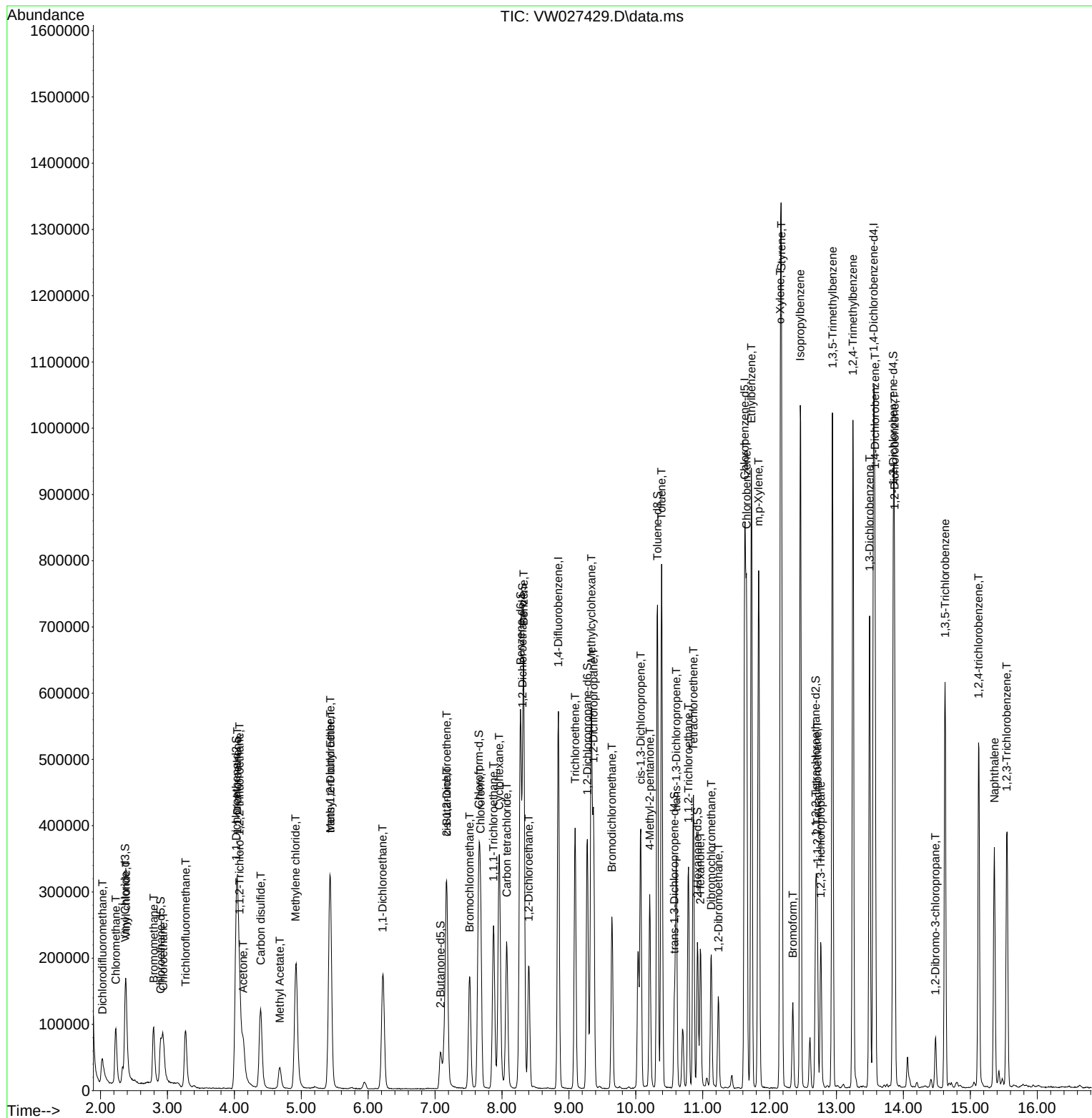
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	173337	20.381	ug/L	98
29) Cyclohexane	7.959	56	220120	17.058	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	199576	19.251	ug/L	99
31) Carbon tetrachloride	8.069	117	164961	17.646	ug/L	99
33) Benzene	8.325	78	537329	19.345	ug/L	100
34) Trichloroethene	9.093	95	141537	19.291	ug/L	94
35) Methylcyclohexane	9.337	83	224821	17.135	ug/L	99
37) 1,2-Dichloropropane	9.367	63	150639	20.058	ug/L	99
38) Bromodichloromethane	9.642	83	175795	19.036	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	228822	18.444	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	195843	37.918	ug/L	99
42) Toluene	10.386	91	557657	19.139	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	185286	17.700	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	103496	20.026	ug/L	97
46) Tetrachloroethene	10.861	164	94666	18.686	ug/L	92
48) 2-Hexanone	10.965	43	140926	36.865	ug/L	99
49) Dibromochloromethane	11.129	129	102827	17.916	ug/L	96
50) 1,2-Dibromoethane	11.233	107	93398	18.640	ug/L	99
51) Chlorobenzene	11.654	112	355309	19.473	ug/L	100
52) Ethylbenzene	11.727	91	656005	19.374	ug/L	96
53) m,p-Xylene	11.836	106	242092	18.851	ug/L	89
54) o-Xylene	12.160	106	233202	18.962	ug/L	96
55) Styrene	12.178	104	409202	19.483	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	125902	19.956	ug/L	98
59) Bromoform	12.349	173	54221	16.407	ug/L	97
60) Isopropylbenzene	12.458	105	666501	19.103	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	93178	19.215	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	541220	18.597	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	543573	19.090	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	263553	18.628	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	267302	18.918	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	246857	19.663	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	19846	16.375	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	177579	19.335	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	151124	19.332	ug/L	99
71) Naphthalene	15.360	128	295417	18.376	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	120994	18.823	ug/L	96

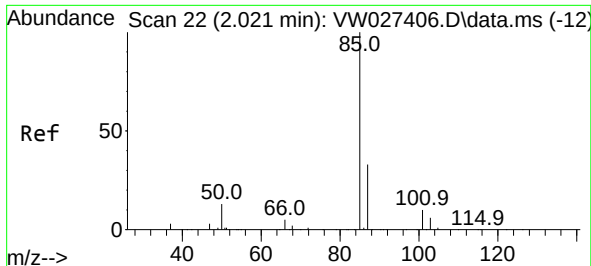
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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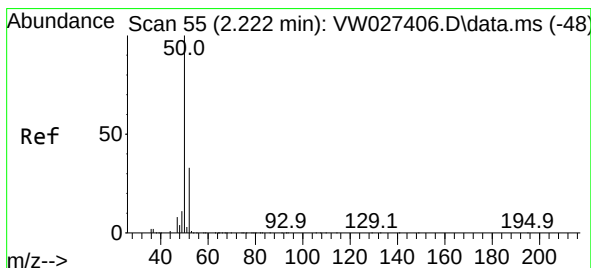
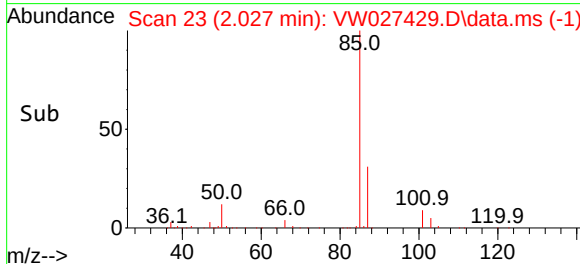
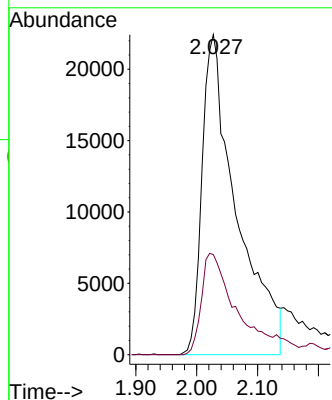
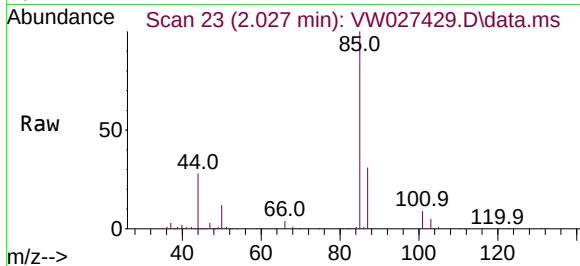




#2
 Dichlorodifluoromethane
 Concen: 15.890 ug/L
 RT: 2.027 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW027429.D
 Acq: 24 Oct 2023 20:08

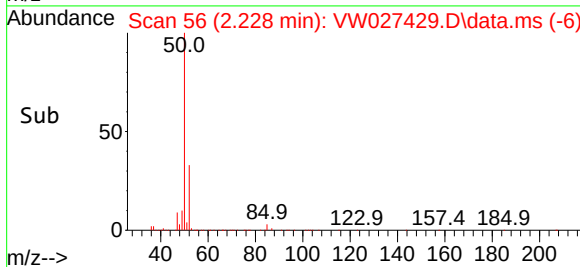
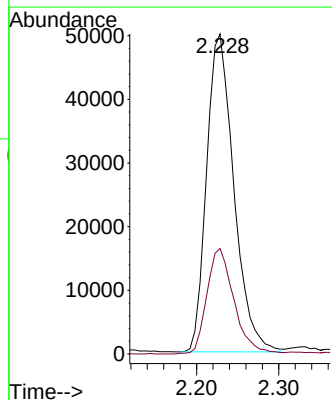
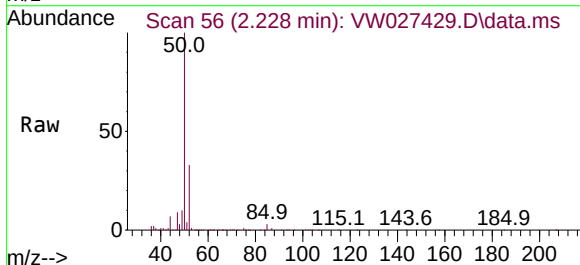
Instrument :
 MSVOA_W
 ClientSampleId :

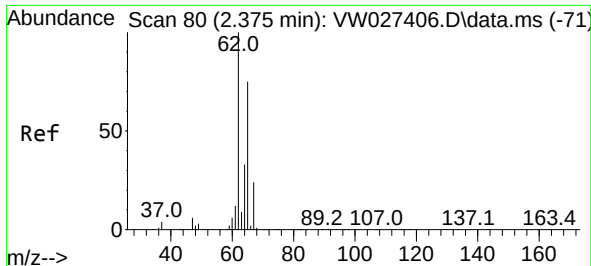
Tgt Ion: 85 Resp: 87963
 Ion Ratio Lower Upper
 85 100
 87 31.2 18.3 27.5#



#3
 Chloromethane
 Concen: 18.076 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027429.D
 Acq: 24 Oct 2023 20:08

Tgt Ion: 50 Resp: 114997
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.3

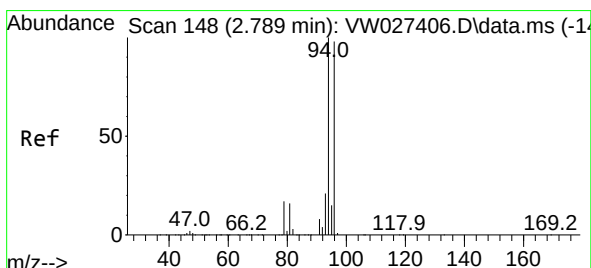
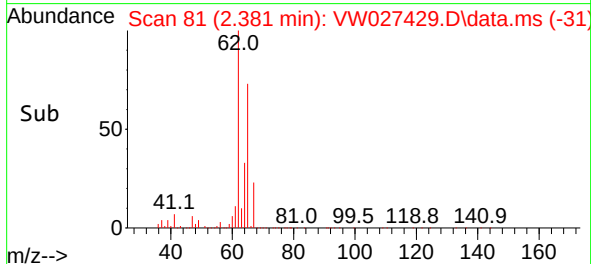
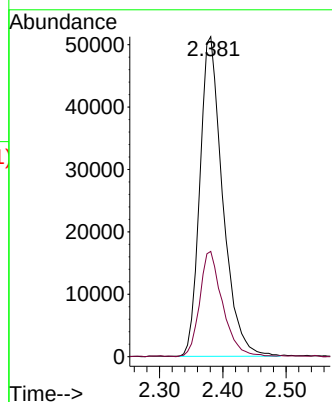
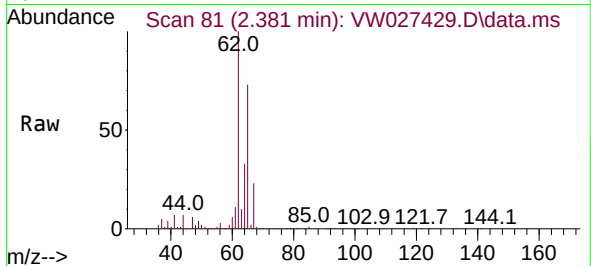




#5
 Vinyl chloride
 Concen: 18.113 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027429.D
 Acq: 24 Oct 2023 20:08

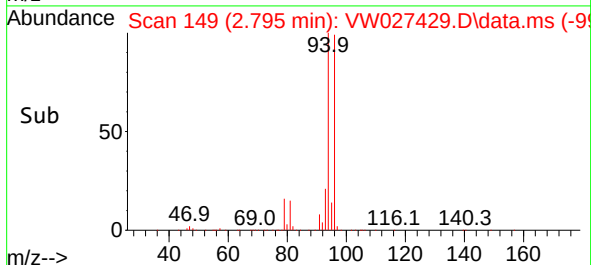
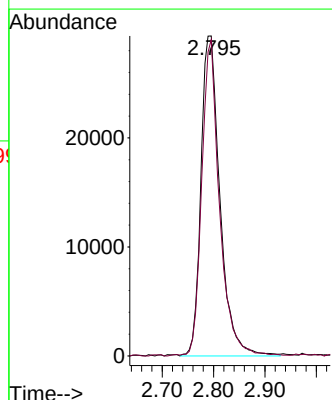
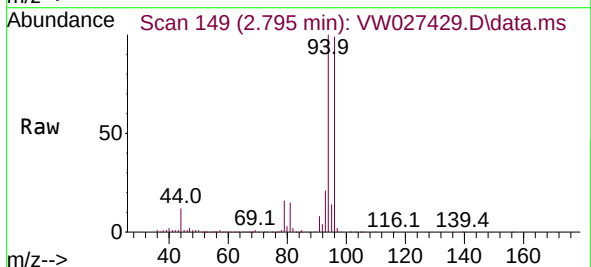
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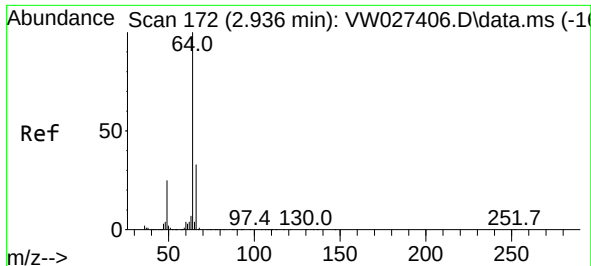
Tgt Ion: 62 Resp: 128718
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.8 44.2



#6
 Bromomethane
 Concen: 18.650 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027429.D
 Acq: 24 Oct 2023 20:08

Tgt Ion: 94 Resp: 75487
 Ion Ratio Lower Upper
 94 100
 96 98.9 62.9 116.9

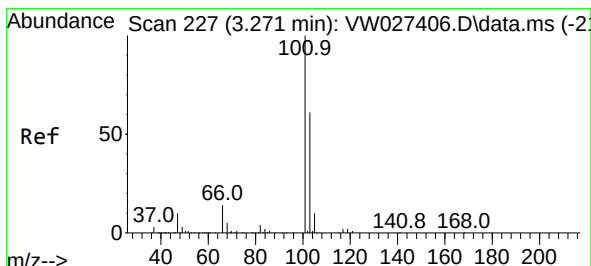
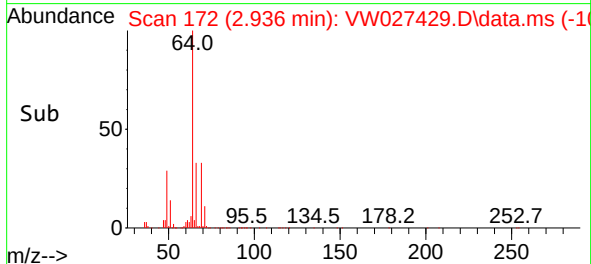
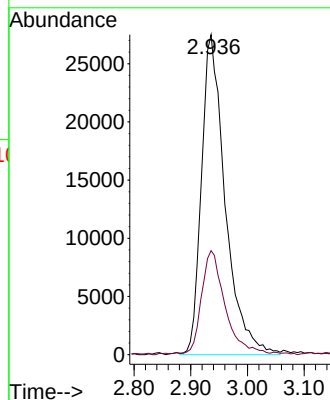
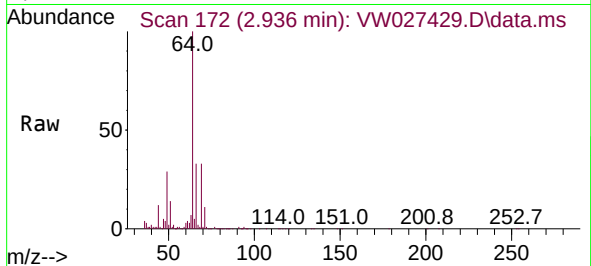




#8
Chloroethane
Concen: 19.521 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

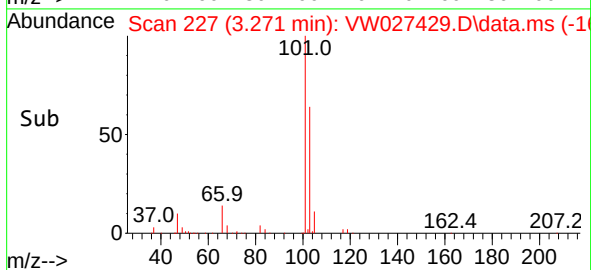
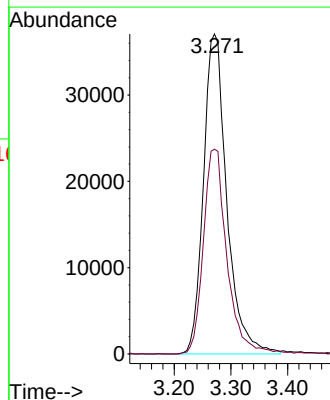
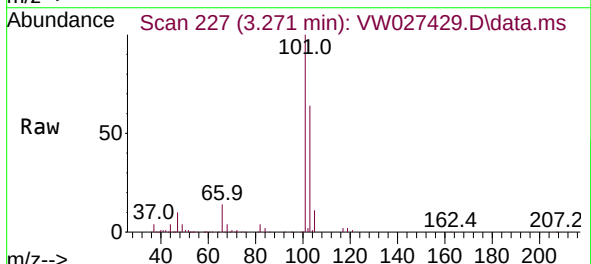
Instrument :
MSVOA_W
ClientSampleId :

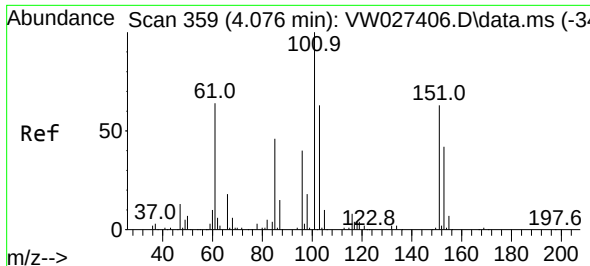
Tgt Ion: 64 Resp: 79853
Ion Ratio Lower Upper
64 100
66 32.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.156 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion:101 Resp: 106063
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

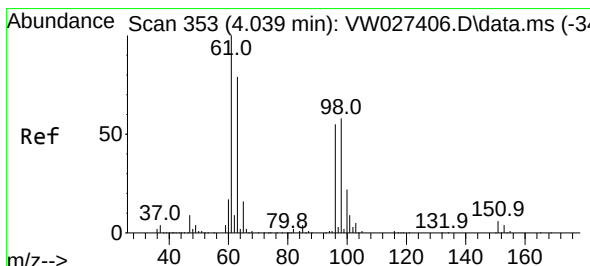
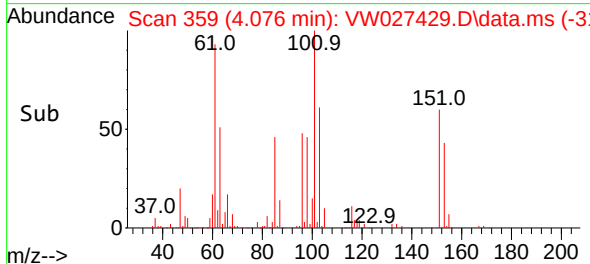
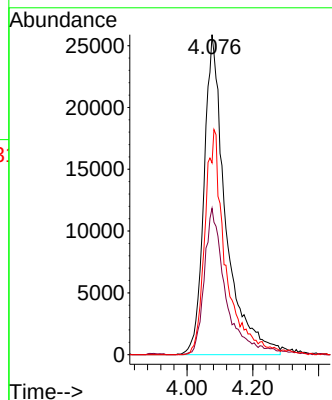
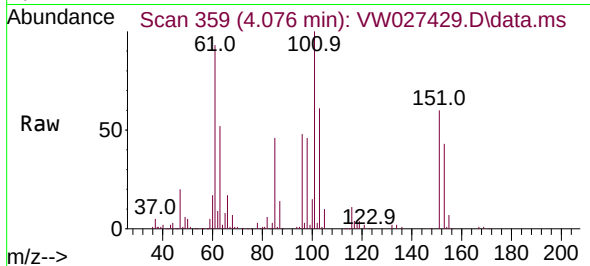




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.966 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027429.D
 Acq: 24 Oct 2023 20:08

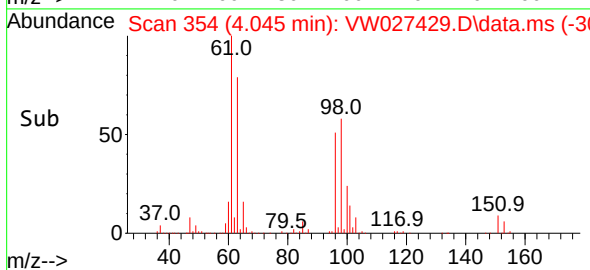
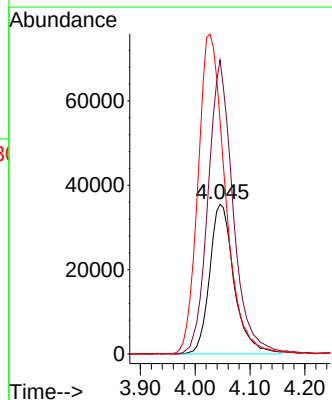
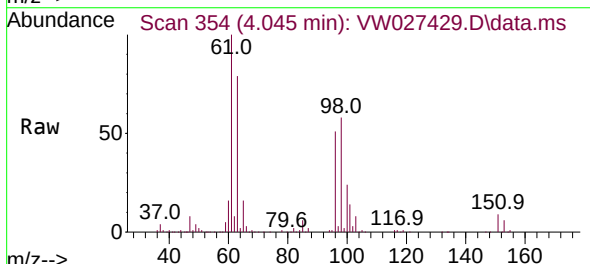
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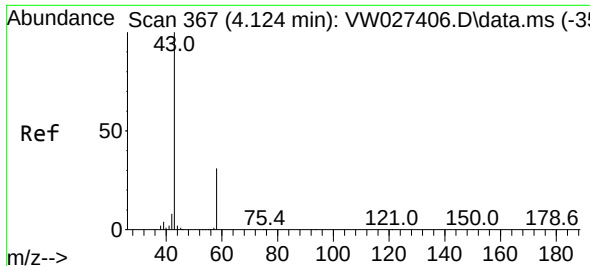
Tgt Ion:101 Resp: 119066
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.1 51.1
 151 25.5 49.5 74.3#



#12
 1,1-Dichloroethene
 Concen: 17.978 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW027429.D
 Acq: 24 Oct 2023 20:08

Tgt Ion: 96 Resp: 109680
 Ion Ratio Lower Upper
 96 100
 61 196.5 133.3 247.5
 63 156.1 115.8 215.2

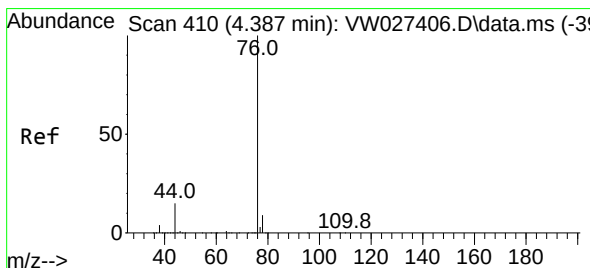
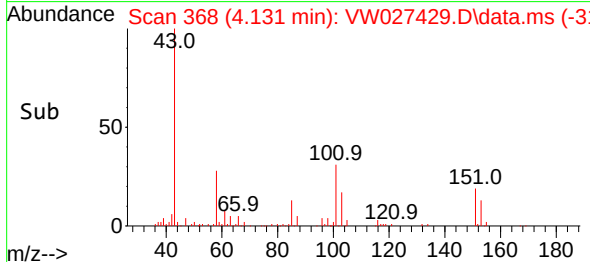
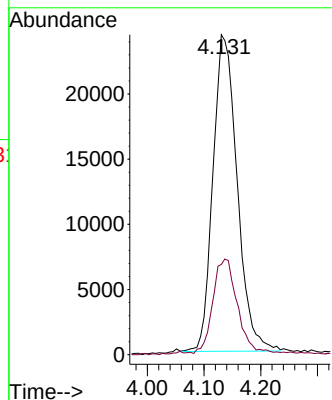
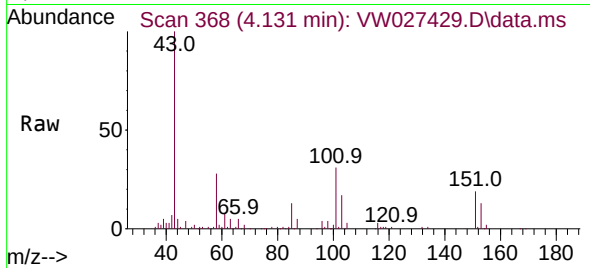




#13
Acetone
Concen: 35.355 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

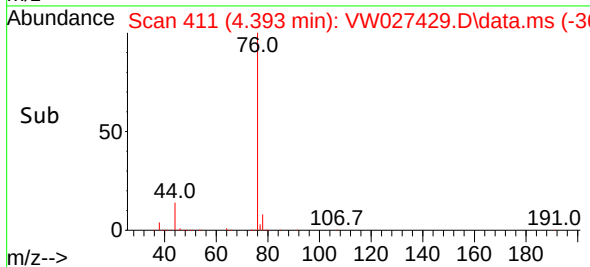
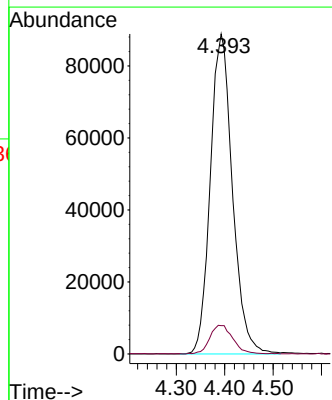
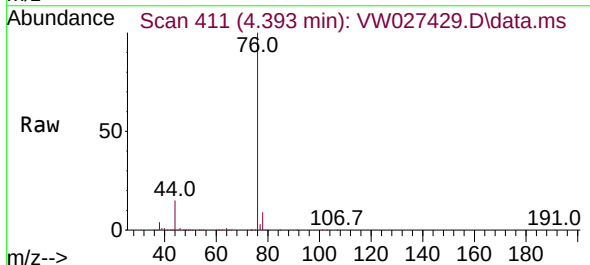
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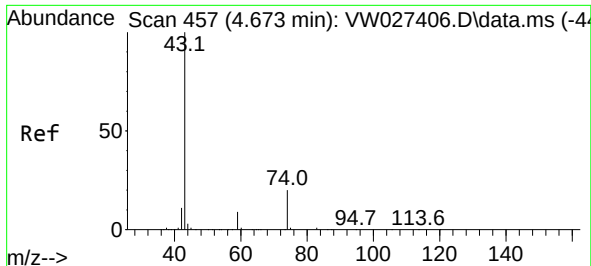
Tgt Ion: 43 Resp: 72067
Ion Ratio Lower Upper
43 100
58 29.3 0.0 60.8



#14
Carbon disulfide
Concen: 14.936 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 282498
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

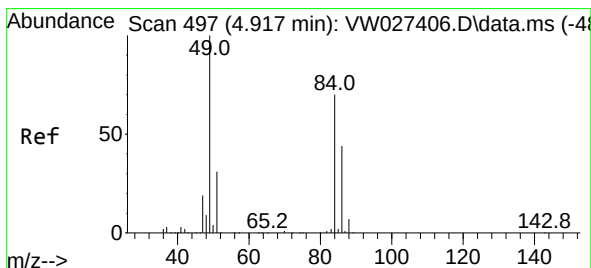
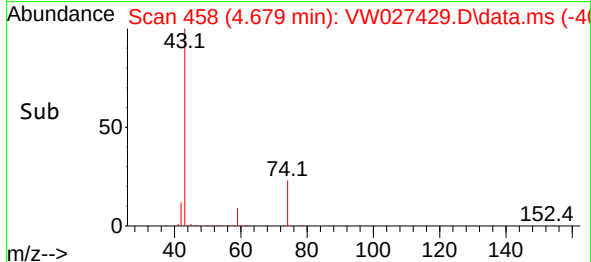
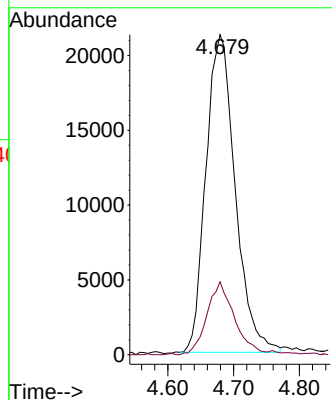
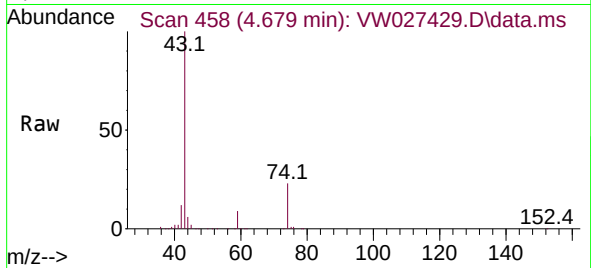




#15
Methyl Acetate
Concen: 18.925 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

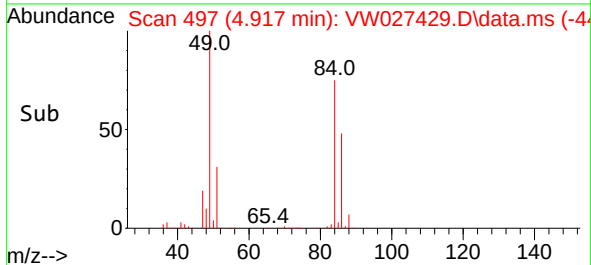
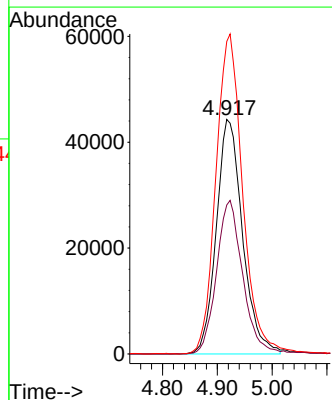
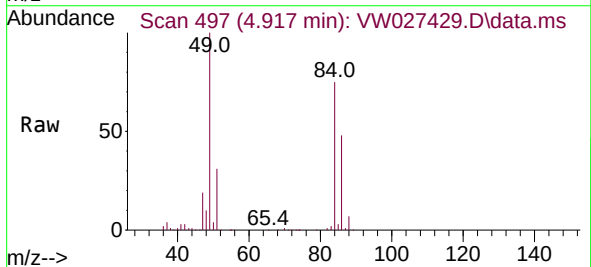
Instrument :
MSVOA_W
ClientSampleId :

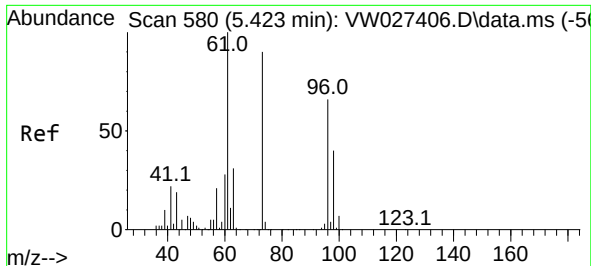
Tgt Ion: 43 Resp: 65889
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3



#16
Methylene chloride
Concen: 17.332 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion: 84 Resp: 147604
Ion Ratio Lower Upper
84 100
86 63.5 41.3 76.7
49 133.2 92.8 172.4





#17

trans-1,2-Dichloroethene

Concen: 17.859 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.012 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

Instrument :

MSVOA_W

ClientSampleId :

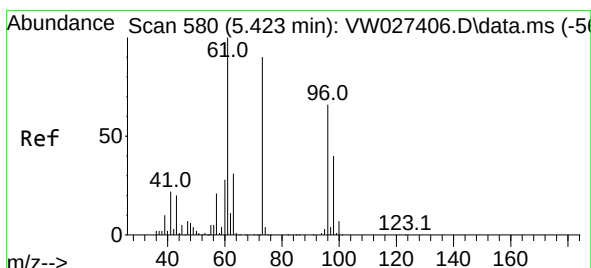
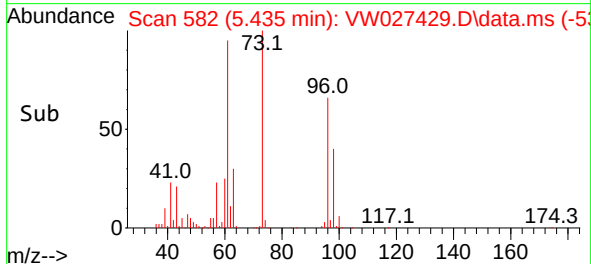
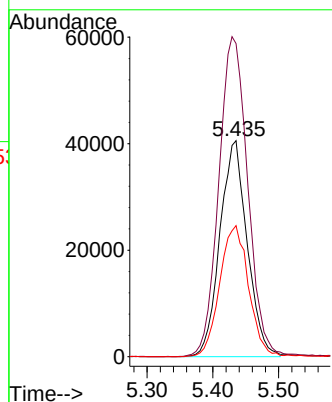
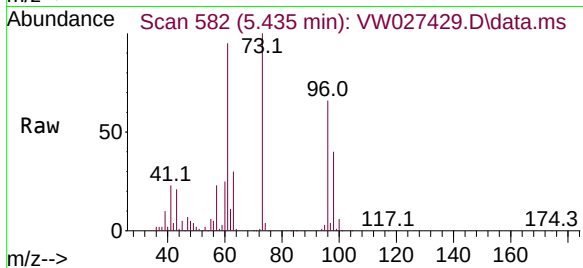
Tgt Ion: 96 Resp: 117097

Ion Ratio Lower Upper

96 100

61 144.9 105.6 196.0

98 60.7 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 19.623 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.012 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

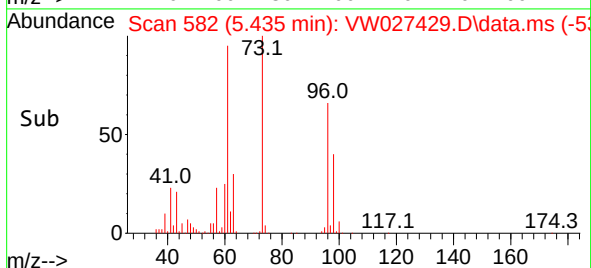
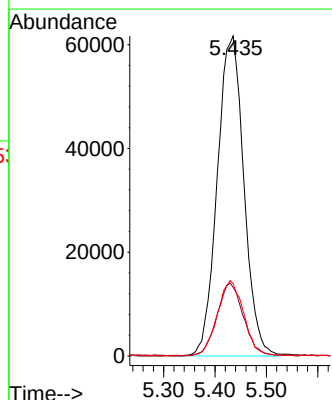
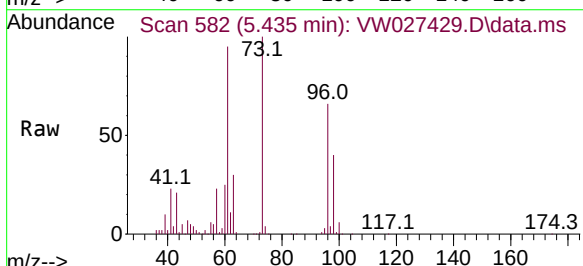
Tgt Ion: 73 Resp: 221980

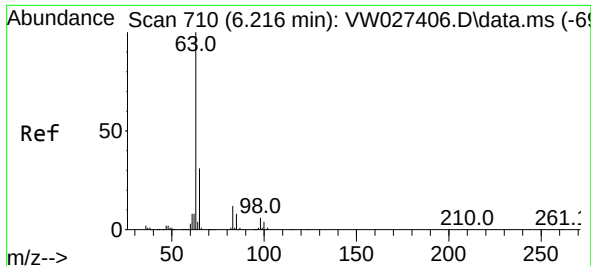
Ion Ratio Lower Upper

73 100

43 22.6 17.7 26.5

57 23.2 18.5 27.7





#19

1,1-Dichloroethane

Concen: 19.477 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

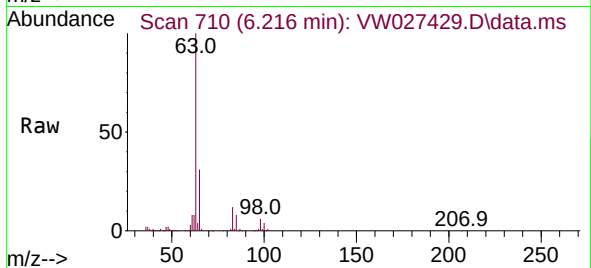
Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

Instrument :

MSVOA_W

ClientSampleId :



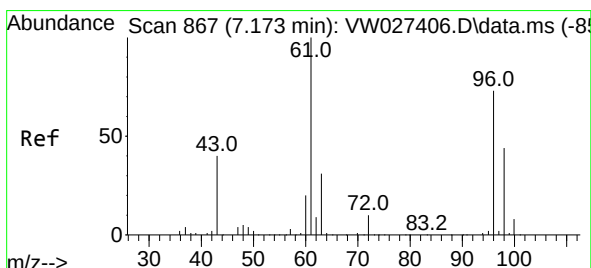
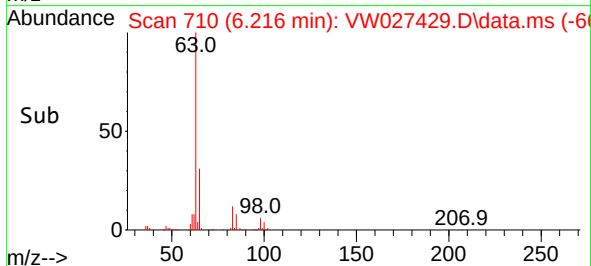
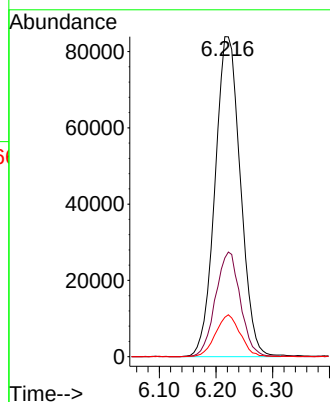
Tgt Ion: 63 Resp: 260553

Ion Ratio Lower Upper

63 100

65 30.9 22.9 42.5

83 12.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 19.170 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

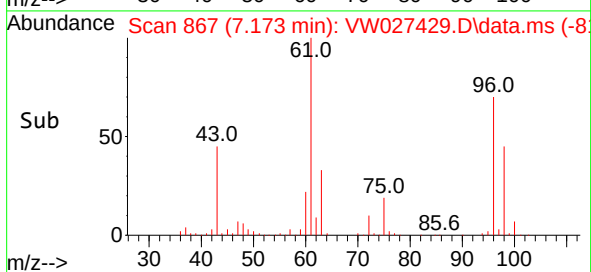
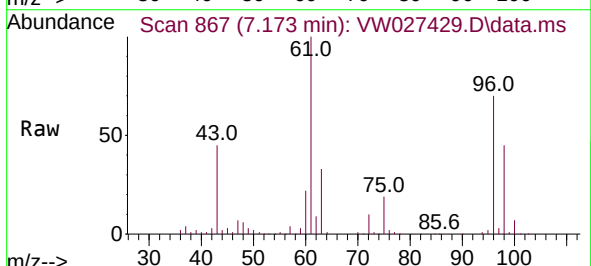
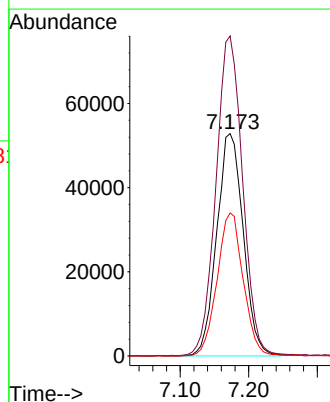
Tgt Ion: 96 Resp: 141945

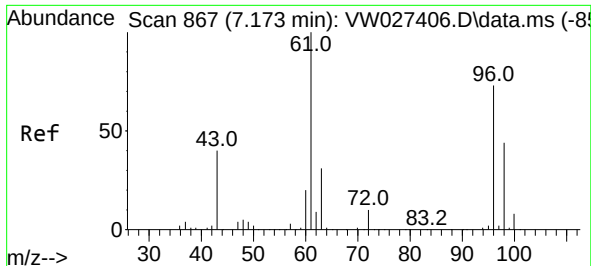
Ion Ratio Lower Upper

96 100

61 143.9 96.2 178.8

98 64.3 46.0 85.4

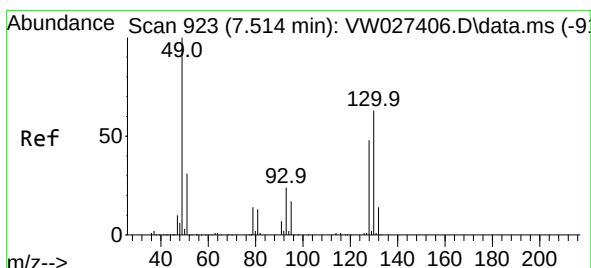
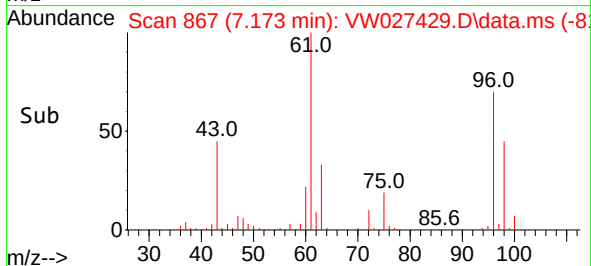
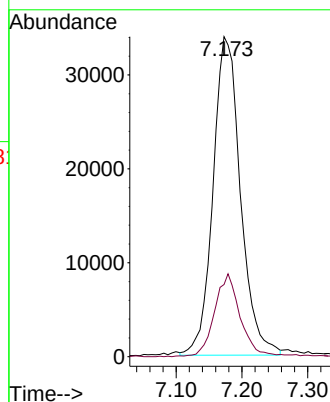
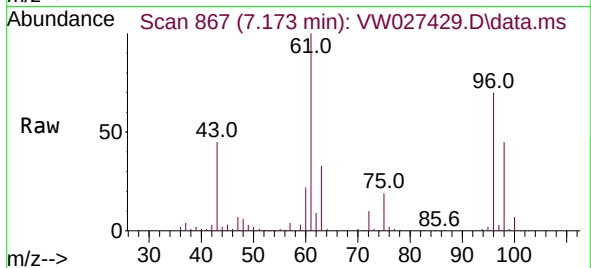




#22
2-Butanone
Concen: 32.339 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

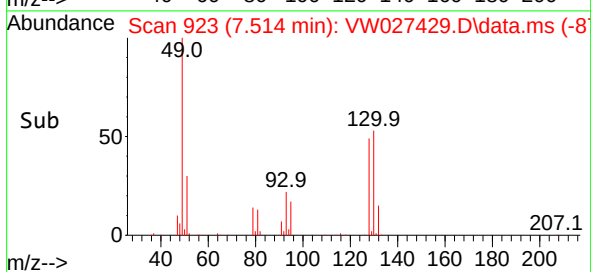
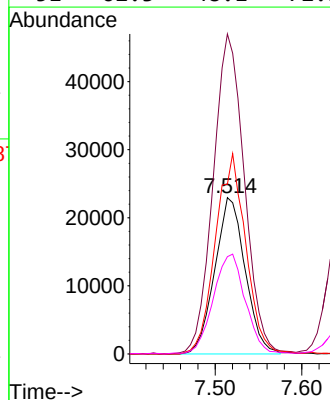
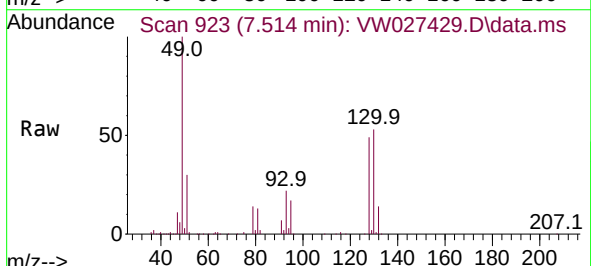
Instrument :
MSVOA_W
ClientSampleId :

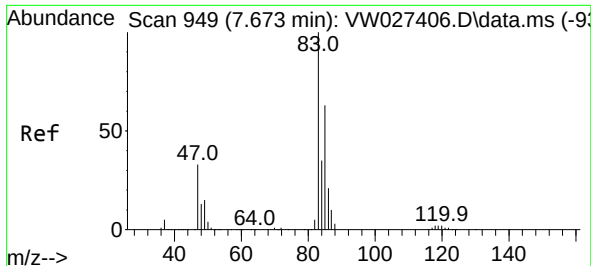
Tgt Ion: 43 Resp: 98670
Ion Ratio Lower Upper
43 100
72 24.2 12.3 36.8



#23
Bromochloromethane
Concen: 18.271 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

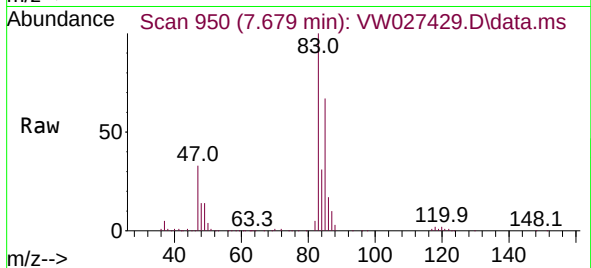
Tgt Ion: 128 Resp: 55856
Ion Ratio Lower Upper
128 100
49 204.8 128.9 239.5
130 108.6 85.0 157.8
51 62.3 48.1 72.1



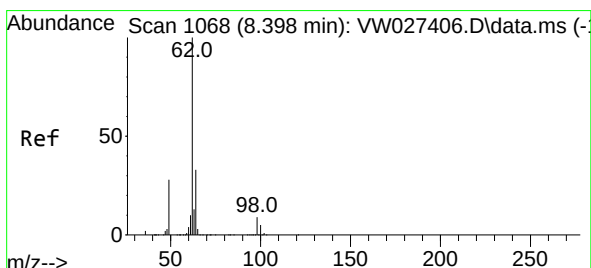
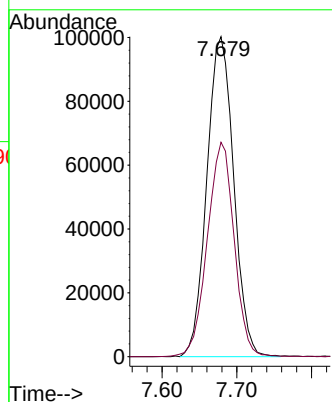
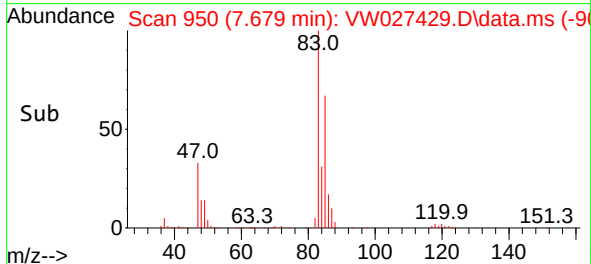


#25
Chloroform
Concen: 20.025 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Instrument :
MSVOA_W
ClientSampleId :

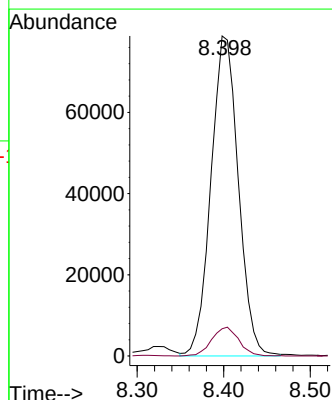
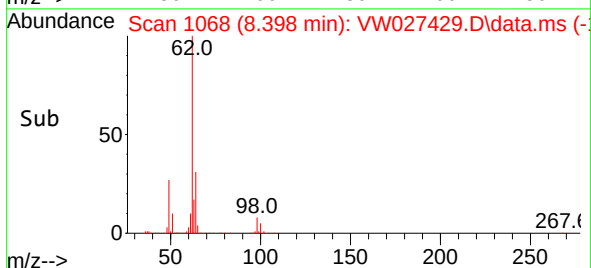
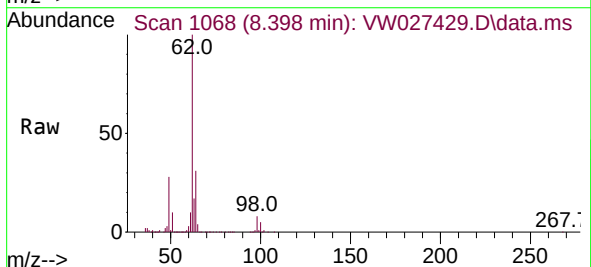


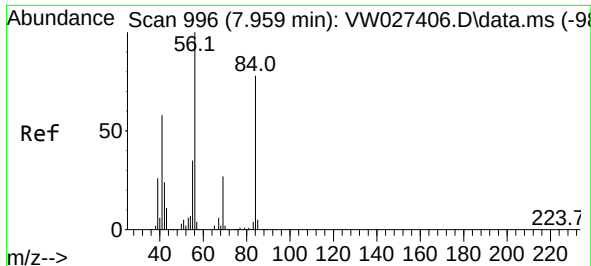
Tgt Ion: 83 Resp: 250726
Ion Ratio Lower Upper
83 100
85 67.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 20.381 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

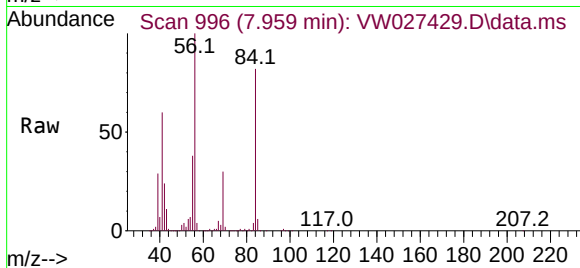
Tgt Ion: 62 Resp: 173337
Ion Ratio Lower Upper
62 100
98 8.5 7.5 11.3



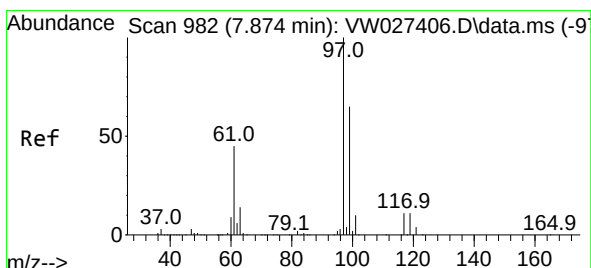
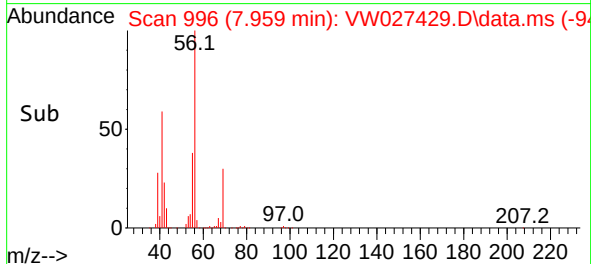
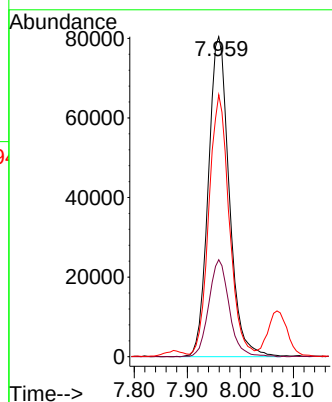


#29
Cyclohexane
Concen: 17.058 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Instrument :
MSVOA_W
ClientSampleId :

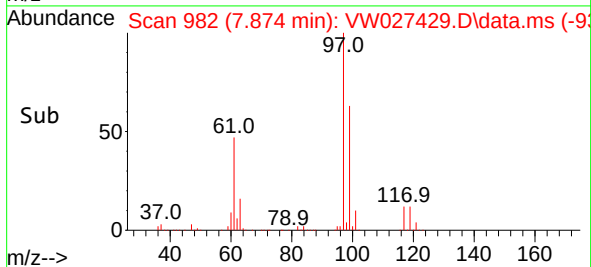
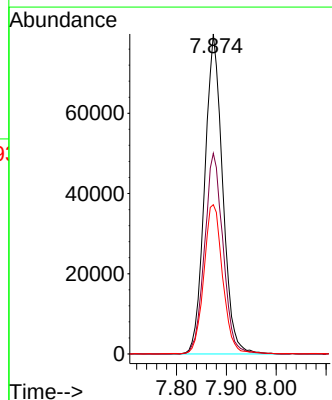
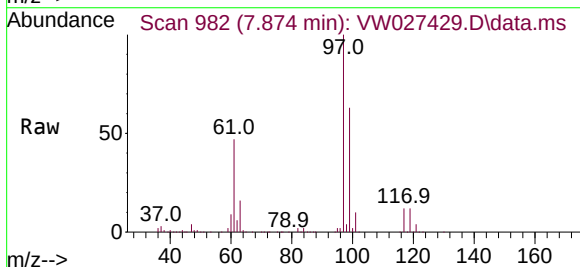


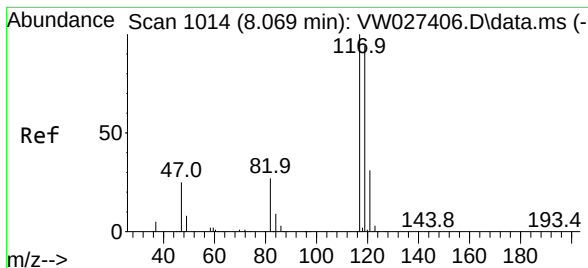
Tgt Ion:	56	Resp:	220120
Ion Ratio	Lower	Upper	
56	100		
69	29.5	24.2	36.4
84	79.6	65.1	97.7



#30
1,1,1-Trichloroethane
Concen: 19.251 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion:	97	Resp:	199576
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.4	77.0
61	48.7	37.4	56.0





#31

Carbon tetrachloride

Concen: 17.646 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

Instrument :

MSVOA_W

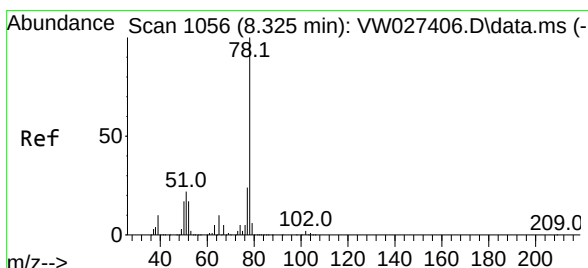
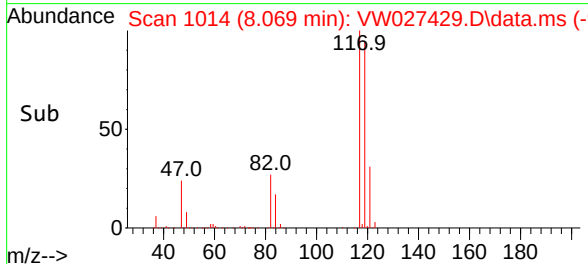
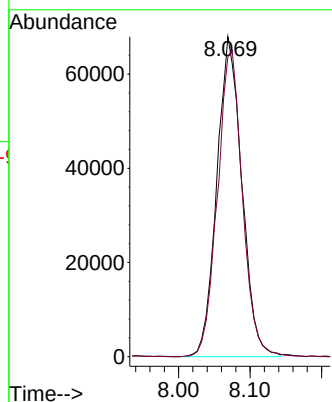
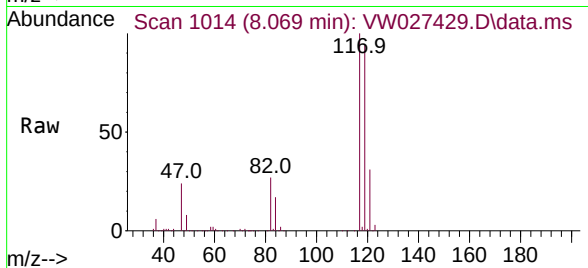
ClientSampleId :

Tgt Ion:117 Resp: 164961

Ion Ratio Lower Upper

117 100

119 95.5 77.1 115.7



#33

Benzene

Concen: 19.345 ug/L

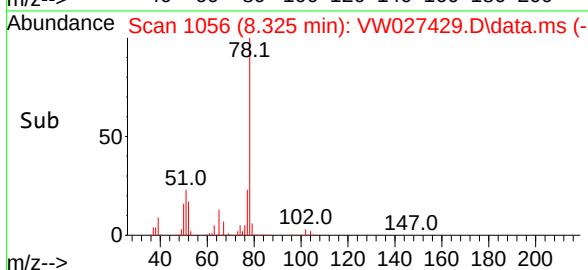
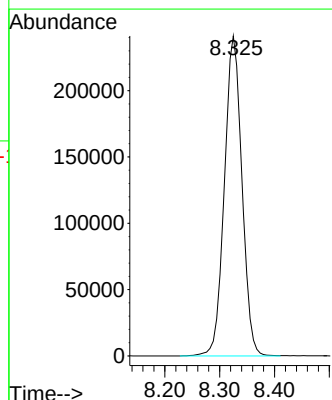
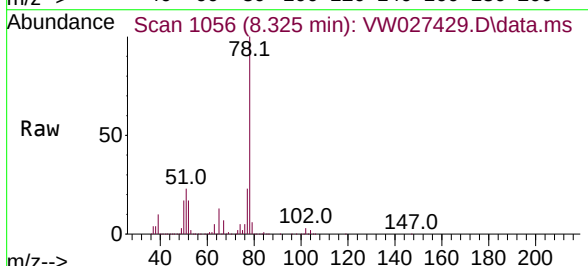
RT: 8.325 min Scan# 1056

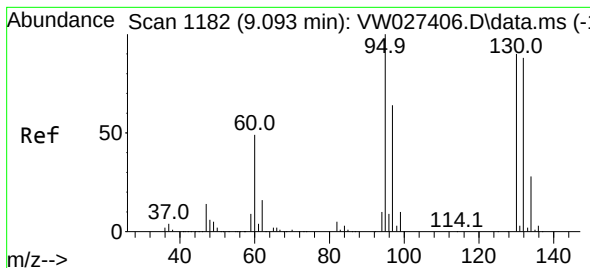
Delta R.T. 0.000 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

Tgt Ion: 78 Resp: 537329





#34

Trichloroethene

Concen: 19.291 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

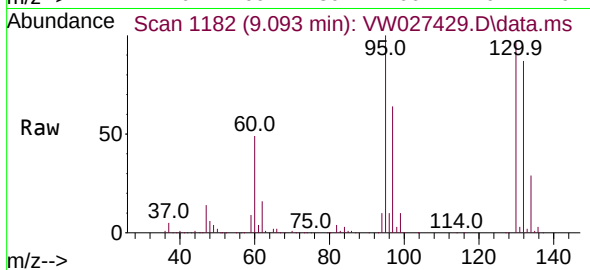
Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 141537

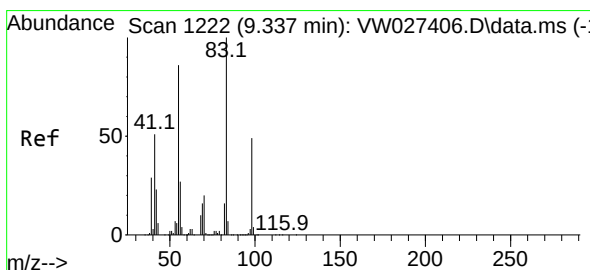
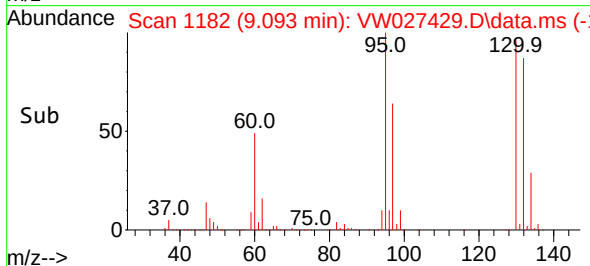
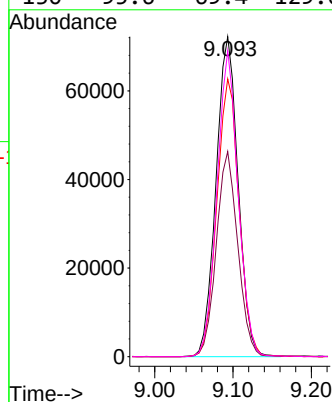
Ion Ratio Lower Upper

95 100

97 64.1 43.4 80.6

132 86.8 67.6 125.6

130 95.6 69.4 129.0



#35

Methylcyclohexane

Concen: 17.135 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

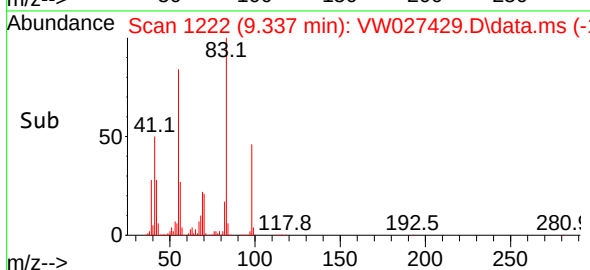
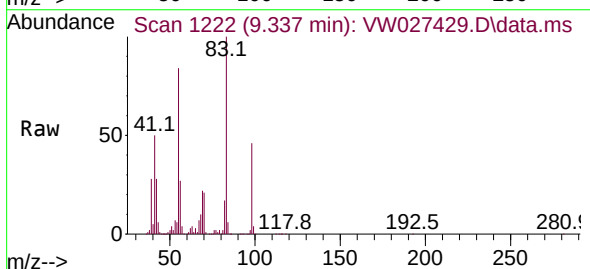
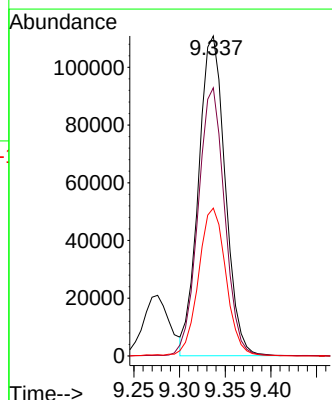
Tgt Ion: 83 Resp: 224821

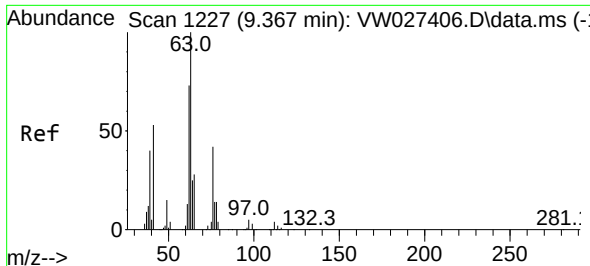
Ion Ratio Lower Upper

83 100

55 83.3 65.8 98.8

98 46.9 38.1 57.1

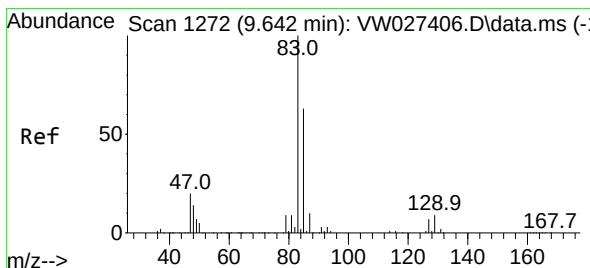
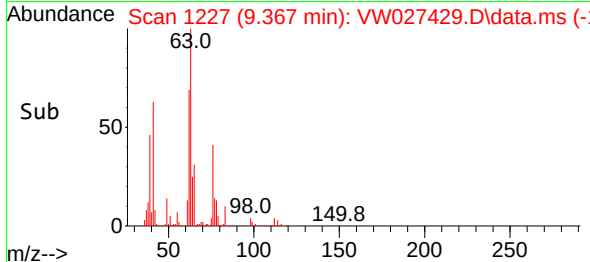
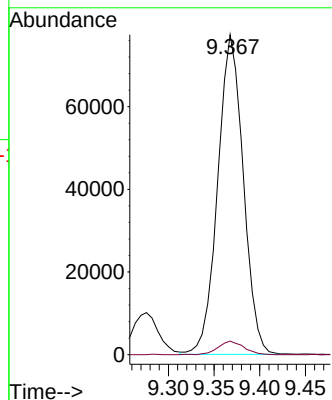
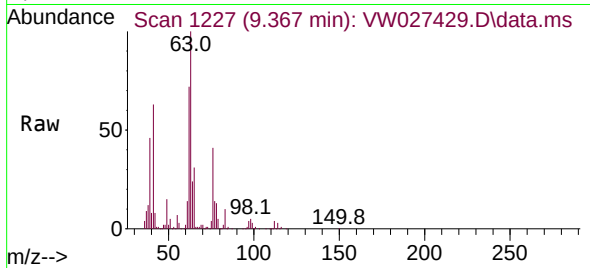




#37
1,2-Dichloropropane
Concen: 20.058 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

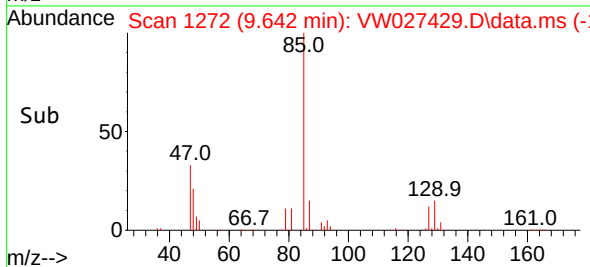
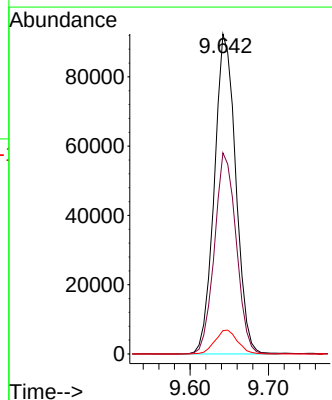
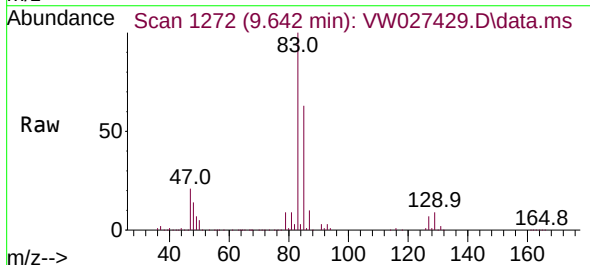
Instrument :
MSVOA_W
ClientSampleId :

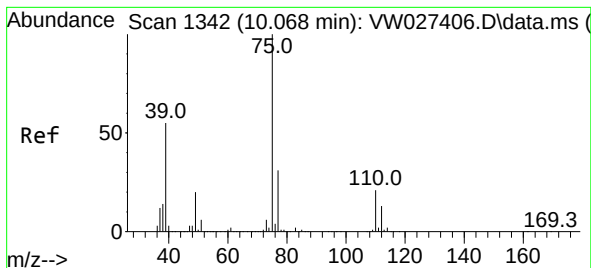
Tgt Ion: 63 Resp: 150639
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 19.036 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion: 83 Resp: 175795
Ion Ratio Lower Upper
83 100
85 62.9 43.9 81.5
127 7.3 6.2 9.2

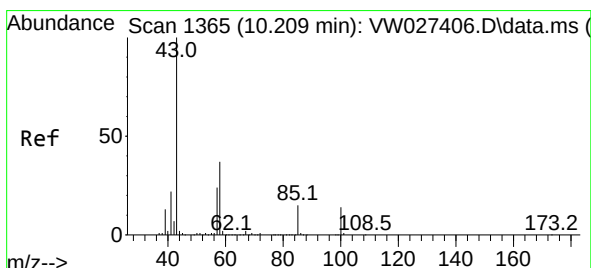
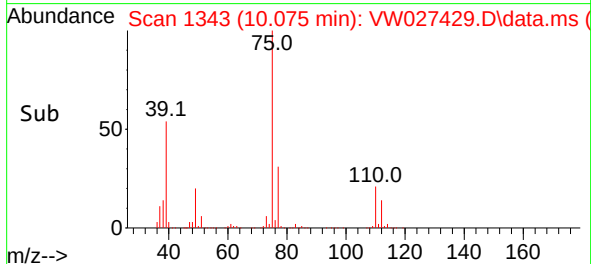
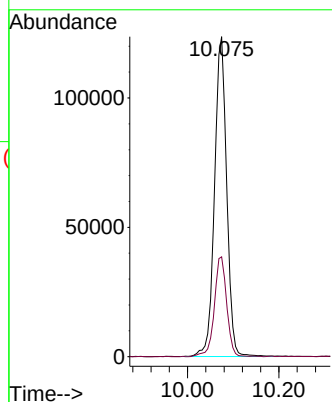
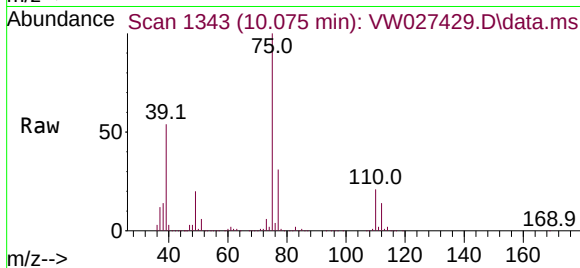




#39
cis-1,3-Dichloropropene
Concen: 18.444 ug/L
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

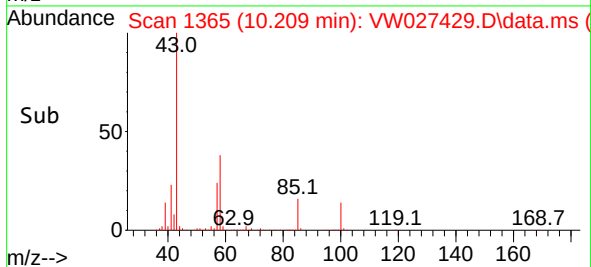
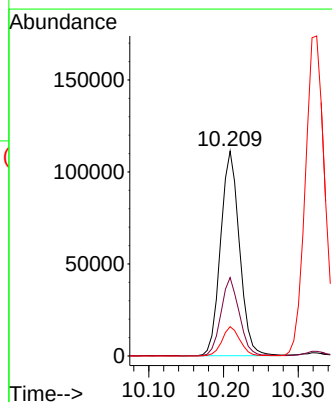
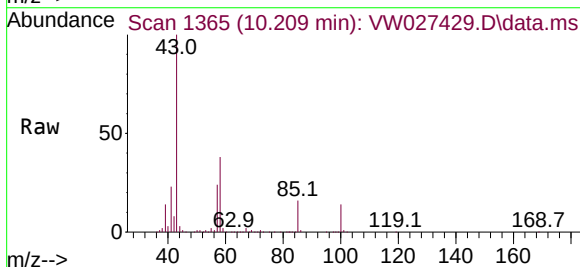
Instrument :
MSVOA_W
ClientSampleId :

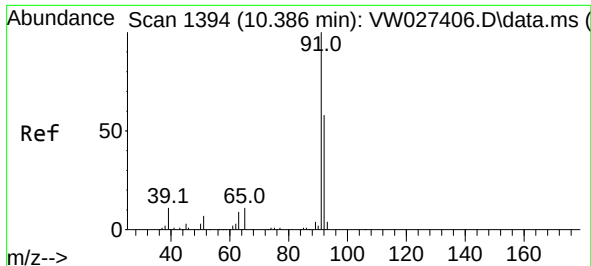
Tgt Ion: 75 Resp: 228822
Ion Ratio Lower Upper
75 100
77 31.2 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 37.918 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion: 43 Resp: 195843
Ion Ratio Lower Upper
43 100
58 37.3 30.5 45.7
100 13.8 11.5 17.3

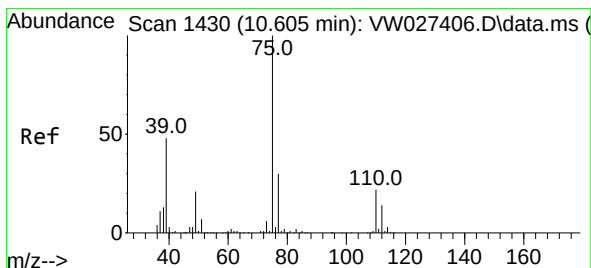
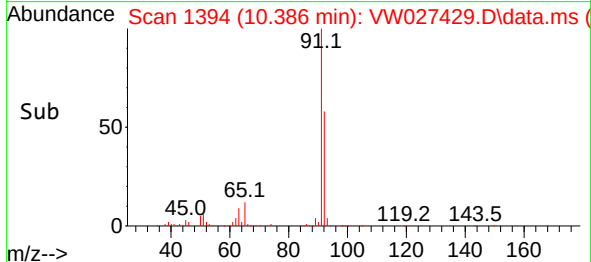
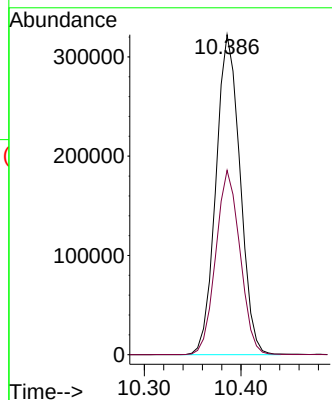
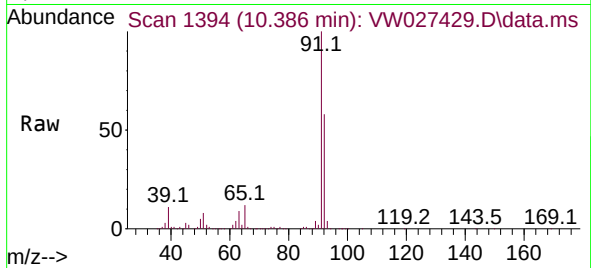




#42
Toluene
Concen: 19.139 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

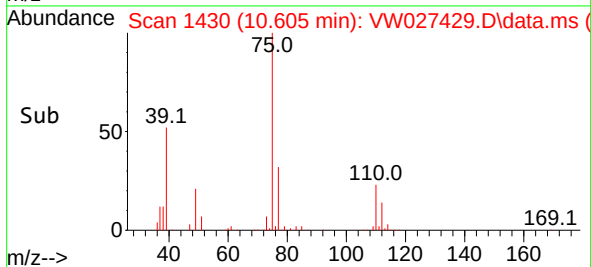
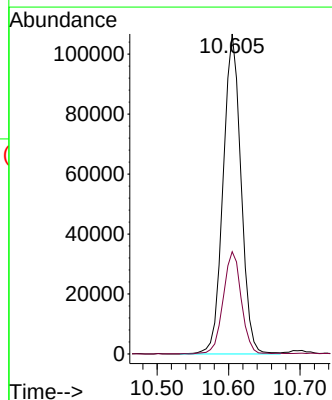
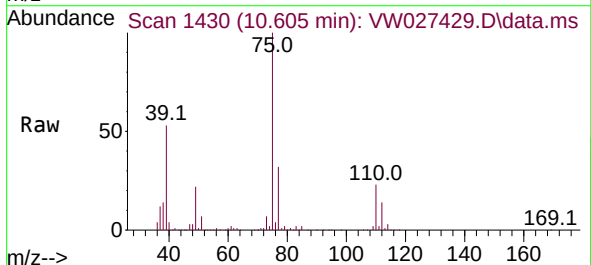
Instrument :
MSVOA_W
ClientSampleId :

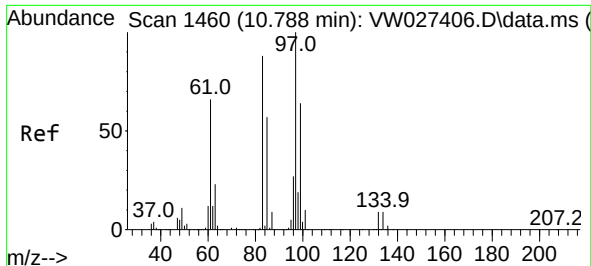
Tgt Ion: 91 Resp: 557657
Ion Ratio Lower Upper
91 100
92 57.6 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 17.700 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion: 75 Resp: 185286
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0

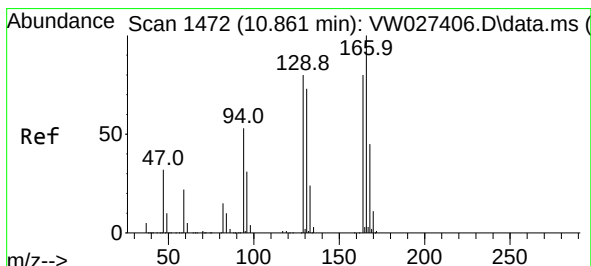
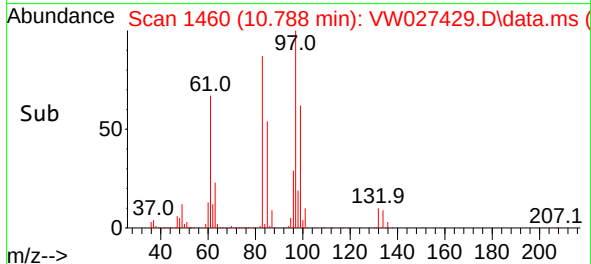
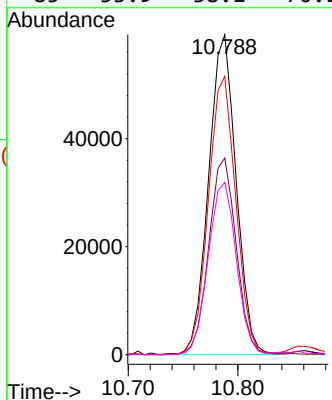
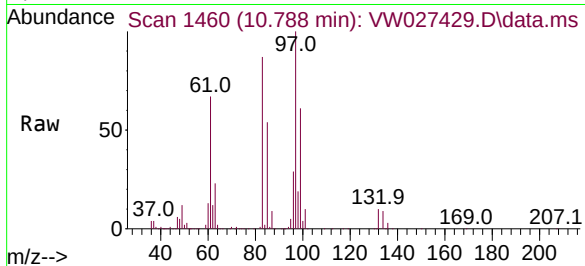




#45
1,1,2-Trichloroethane
Concen: 20.026 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

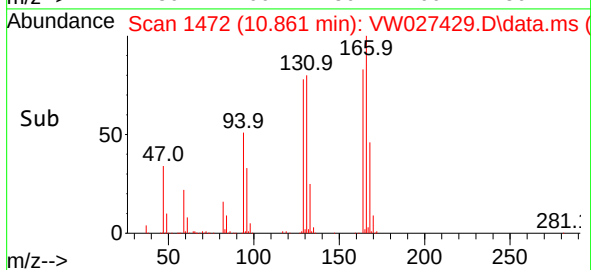
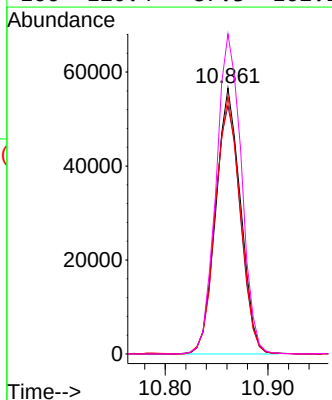
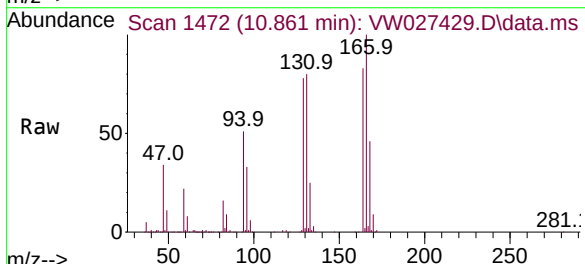
Instrument :
MSVOA_W
ClientSampleId :

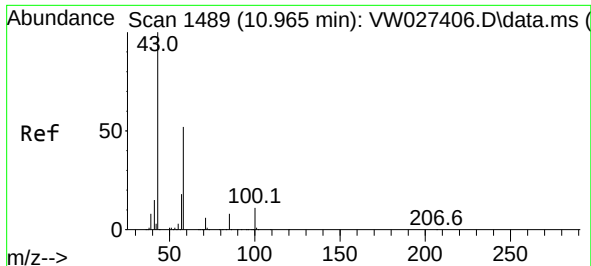
Tgt Ion:	97	Resp:	103496
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.8	81.4
83	87.0	57.5	106.7
85	53.9	38.1	70.9



#46
Tetrachloroethene
Concen: 18.686 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion:	164	Resp:	94666
Ion	Ratio	Lower	Upper
164	100		
129	93.3	74.7	138.7
131	96.7	73.2	136.0
166	120.4	87.3	162.1

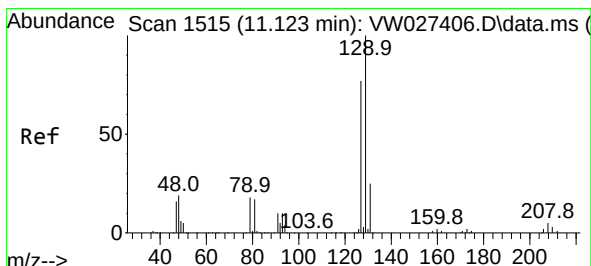
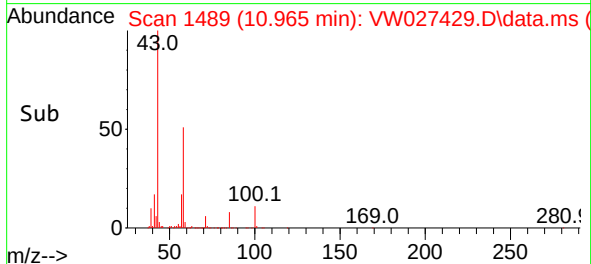
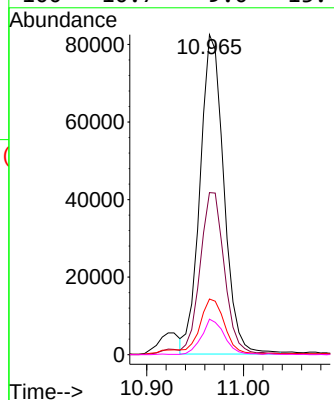
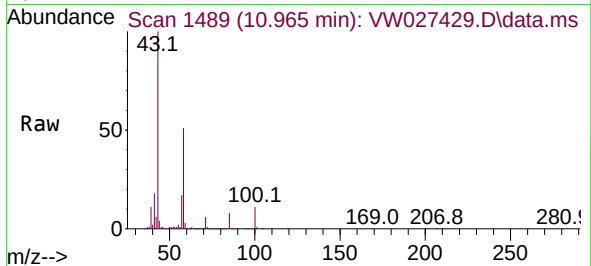




#48
2-Hexanone
Concen: 36.865 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

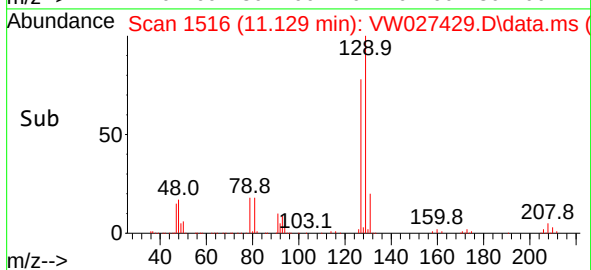
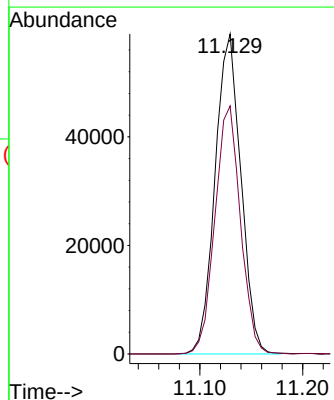
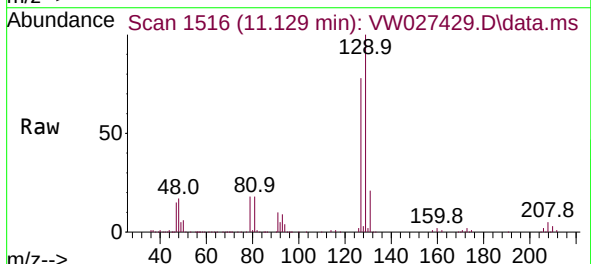
Instrument :
MSVOA_W
ClientSampleId :

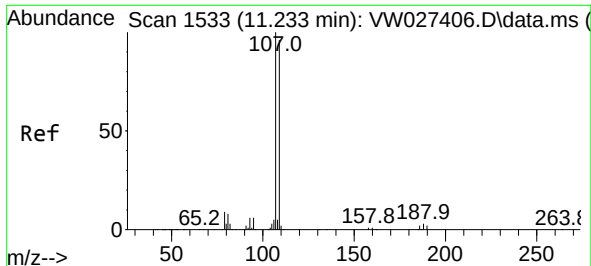
Tgt Ion: 43 Resp: 140926
Ion Ratio Lower Upper
43 100
58 52.2 42.2 63.4
57 17.4 15.1 22.7
100 10.7 9.0 13.4



#49
Dibromochloromethane
Concen: 17.916 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion: 129 Resp: 102827
Ion Ratio Lower Upper
129 100
127 77.5 51.7 95.9





#50

1,2-Dibromoethane

Concen: 18.640 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

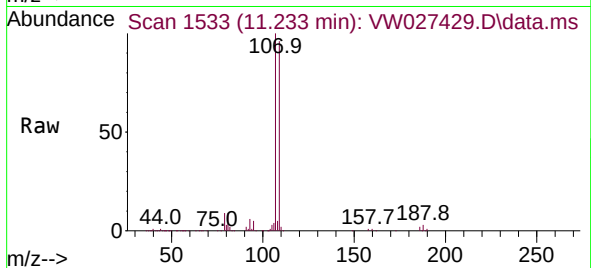
Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

Instrument :

MSVOA_W

ClientSampleId :



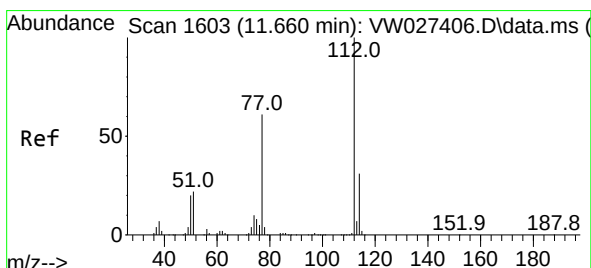
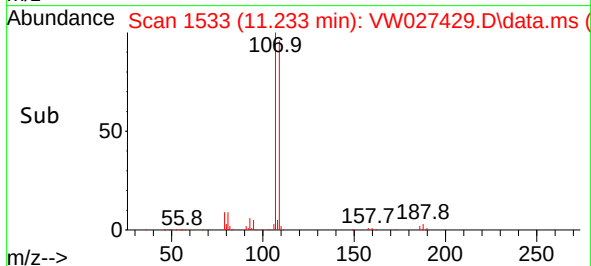
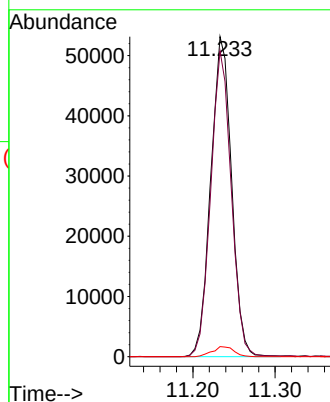
Tgt Ion:107 Resp: 93398

Ion Ratio Lower Upper

107 100

109 95.6 66.3 123.1

188 3.1 3.0 4.4



#51

Chlorobenzene

Concen: 19.473 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

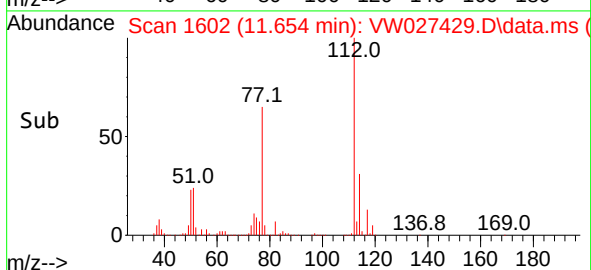
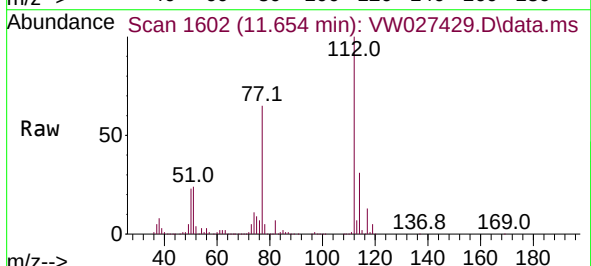
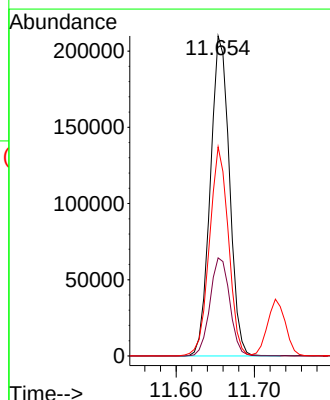
Tgt Ion:112 Resp: 355309

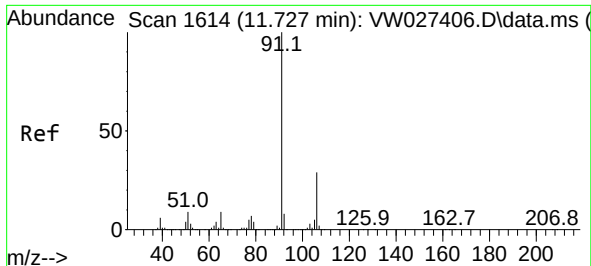
Ion Ratio Lower Upper

112 100

114 30.6 21.8 40.6

77 65.4 52.2 78.4

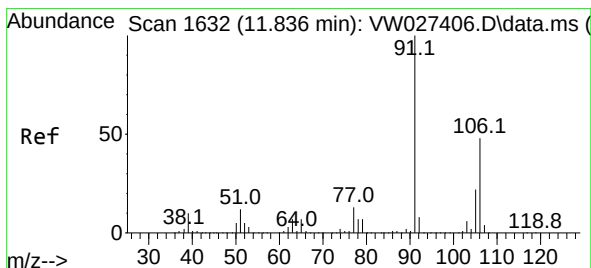
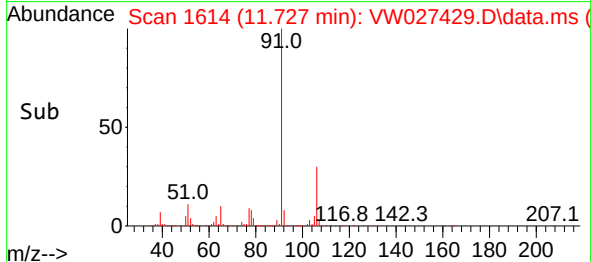
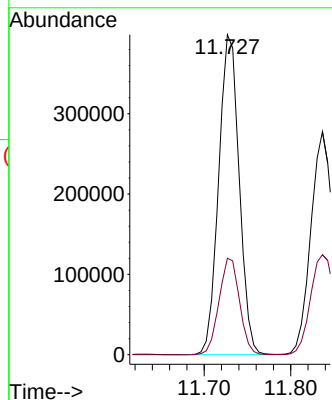
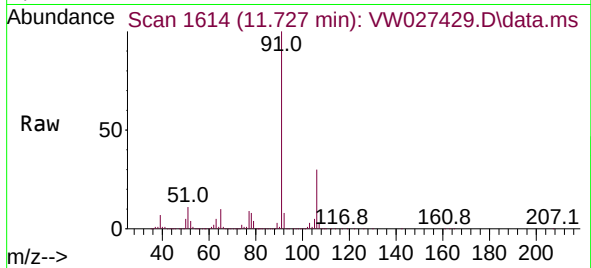




#52
Ethylbenzene
Concen: 19.374 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

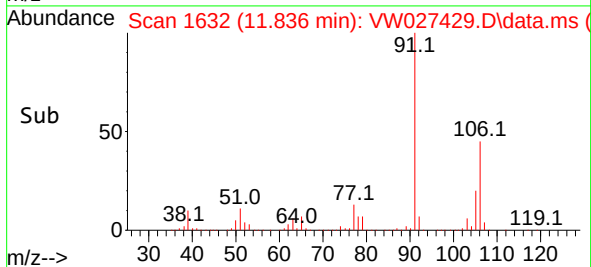
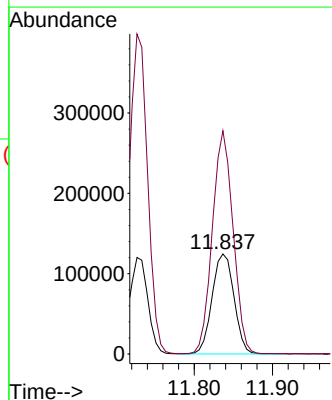
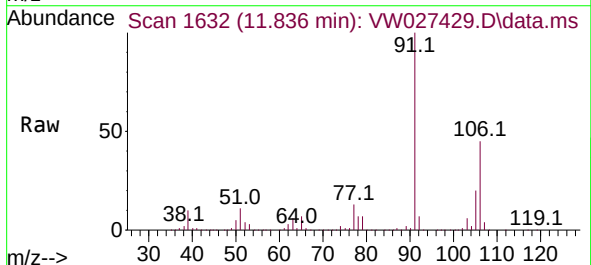
Instrument :
MSVOA_W
ClientSampleId :

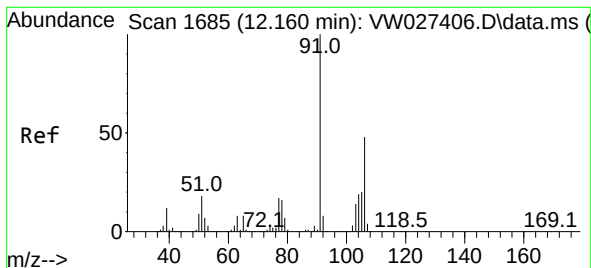
Tgt Ion: 91 Resp: 656005
Ion Ratio Lower Upper
91 100
106 30.2 19.8 36.8



#53
m,p-Xylene
Concen: 18.851 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion: 106 Resp: 242092
Ion Ratio Lower Upper
106 100
91 223.2 144.5 268.4





#54

o-Xylene

Concen: 18.962 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

Instrument :

MSVOA_W

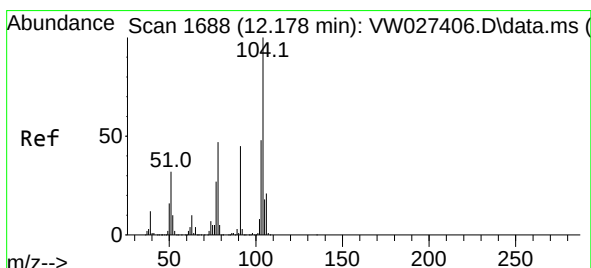
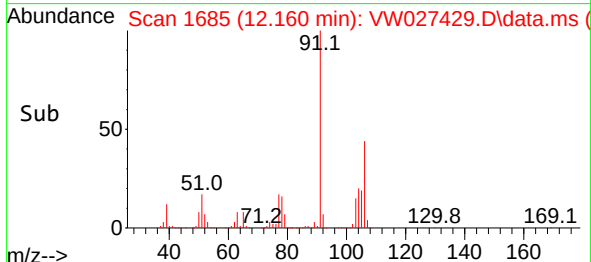
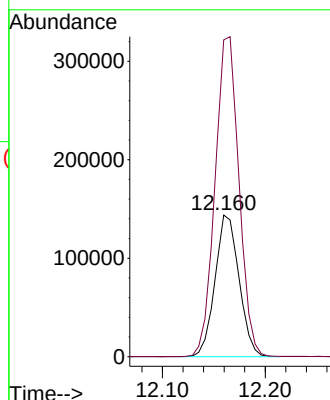
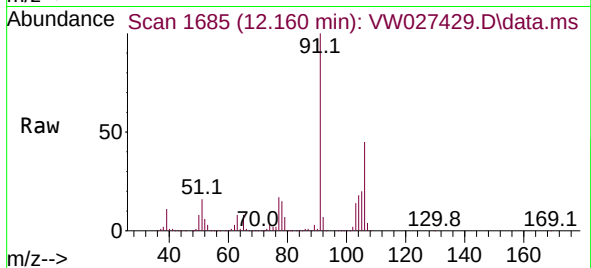
ClientSampleId :

Tgt Ion:106 Resp: 233202

Ion Ratio Lower Upper

106 100

91 223.6 152.0 282.2



#55

Styrene

Concen: 19.483 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027429.D

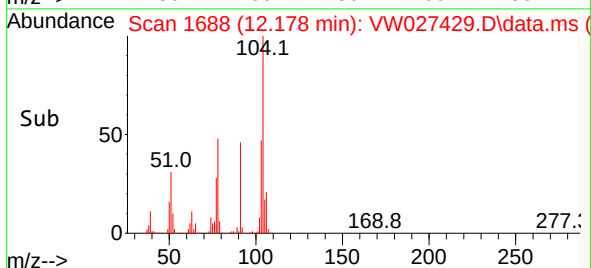
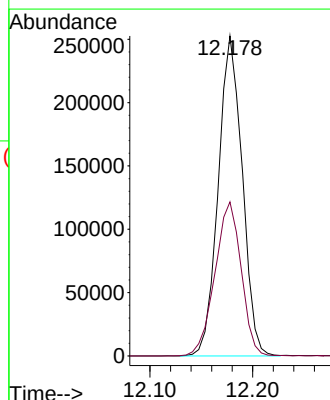
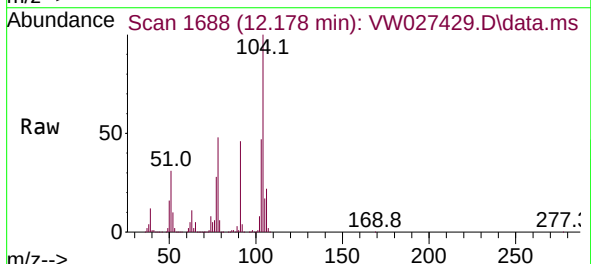
Acq: 24 Oct 2023 20:08

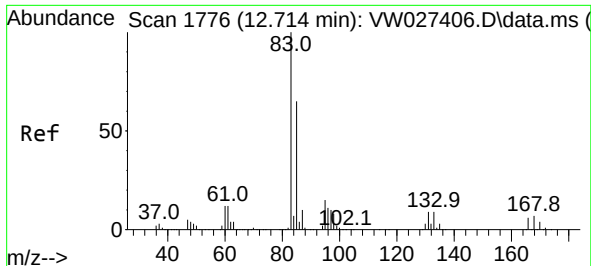
Tgt Ion:104 Resp: 409202

Ion Ratio Lower Upper

104 100

78 48.1 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 19.956 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

Instrument :

MSVOA_W

ClientSampleId :

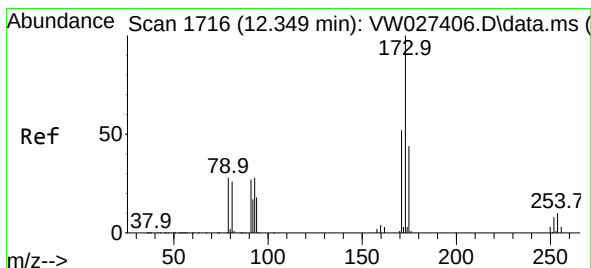
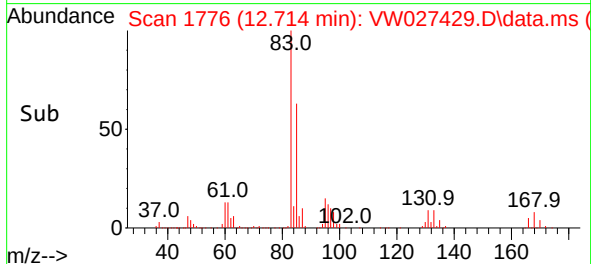
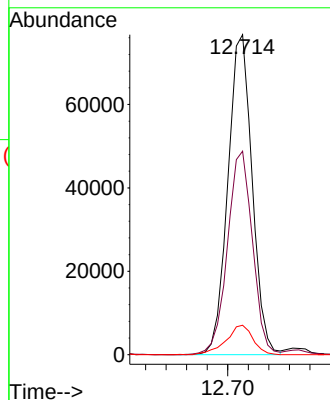
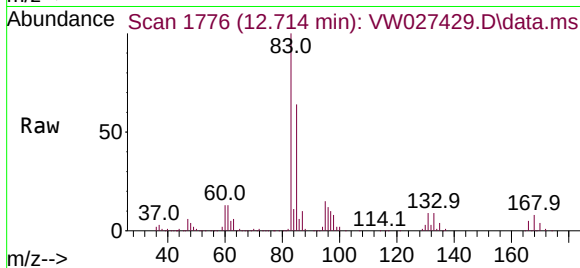
Tgt Ion: 83 Resp: 125902

Ion Ratio Lower Upper

83 100

85 63.6 43.2 80.2

131 9.2 7.2 10.8



#59

Bromoform

Concen: 16.407 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

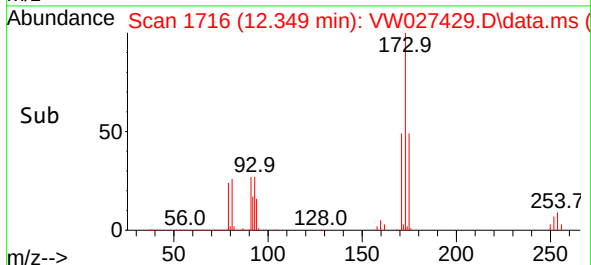
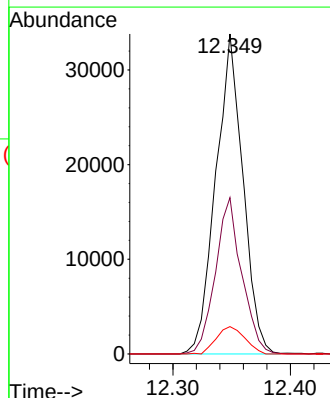
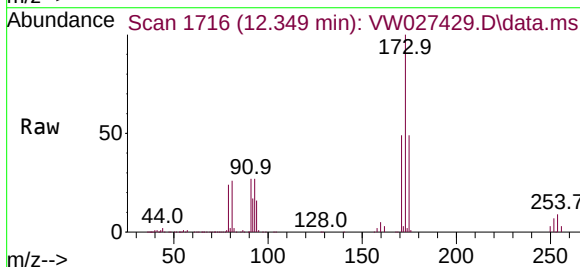
Tgt Ion:173 Resp: 54221

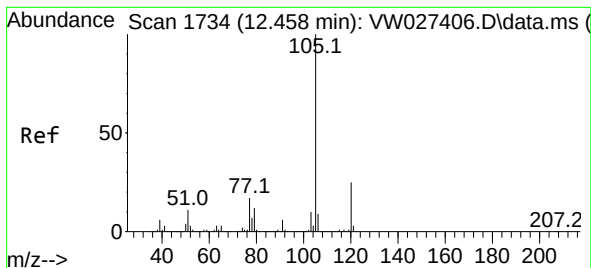
Ion Ratio Lower Upper

173 100

175 47.2 39.6 59.4

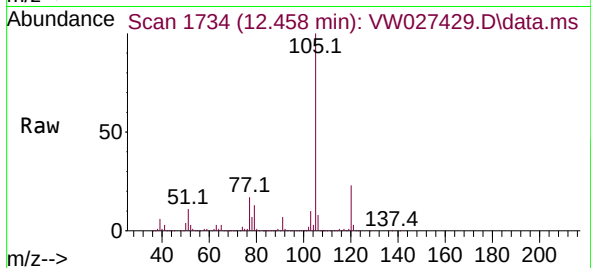
254 8.9 6.6 10.0



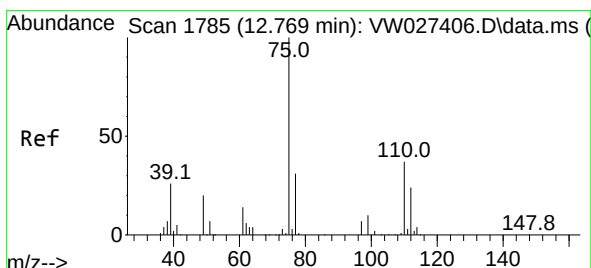
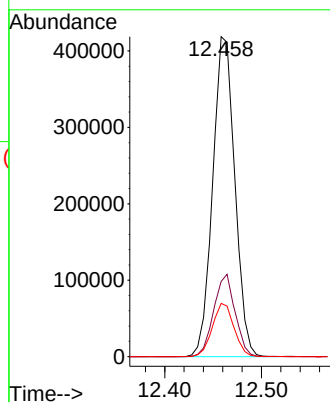
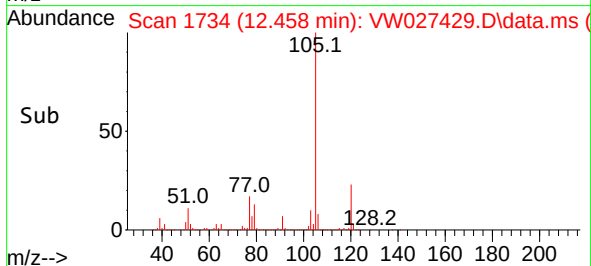


#60
Isopropylbenzene
Concen: 19.103 ug/L
RT: 12.458 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

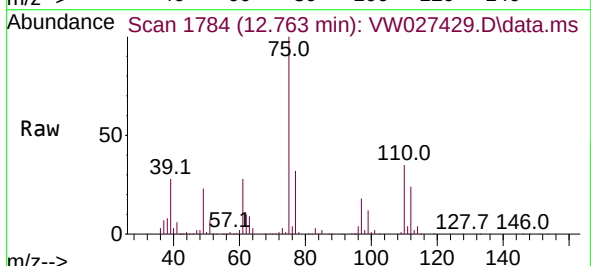
Instrument :
MSVOA_W
ClientSampleId :



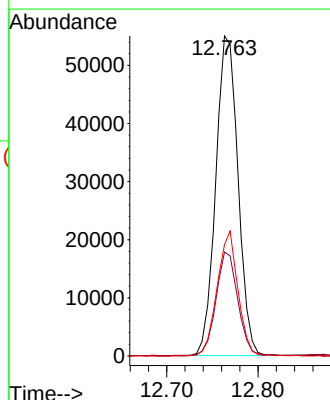
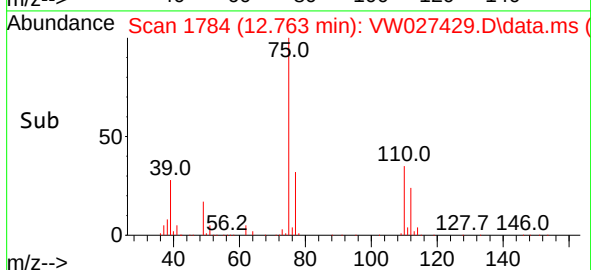
Tgt Ion:105 Resp: 666501
Ion Ratio Lower Upper
105 100
120 24.9 20.1 30.1
77 16.2 12.9 19.3

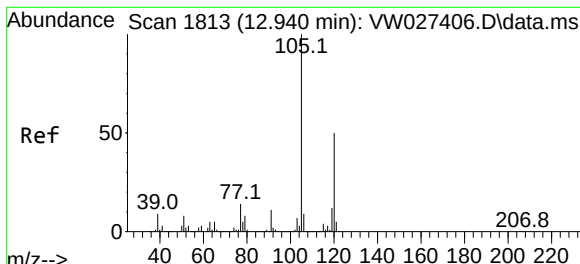


#61
1,2,3-Trichloropropane
Concen: 19.215 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08



Tgt Ion: 75 Resp: 93178
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
110 36.3 29.7 44.5

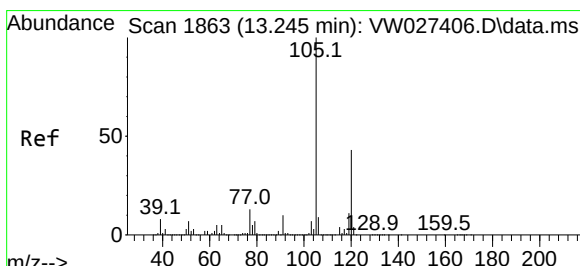
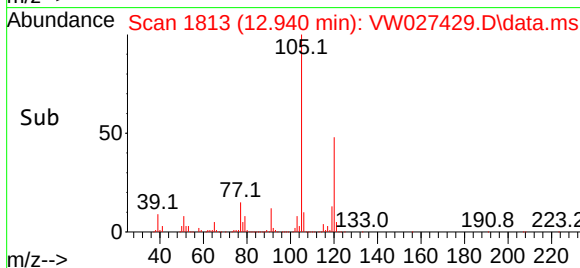
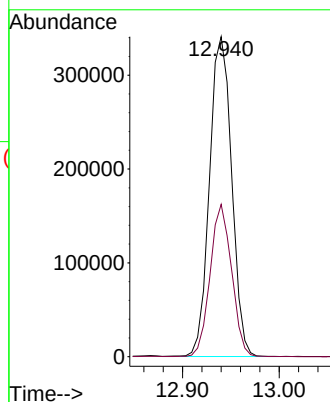
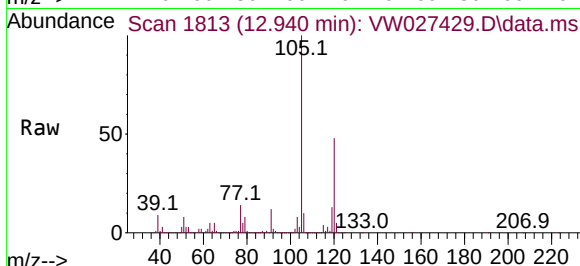




#62
 1,3,5-Trimethylbenzene
 Concen: 18.597 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW027429.D
 Acq: 24 Oct 2023 20:08

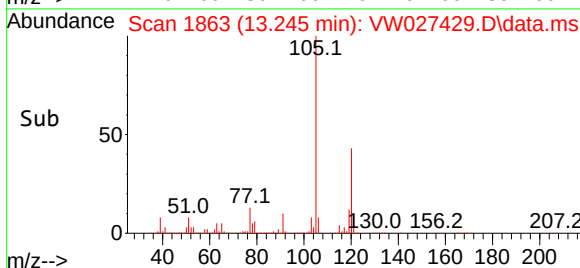
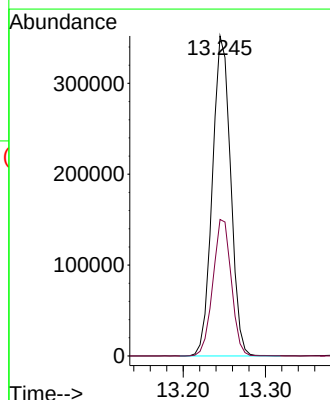
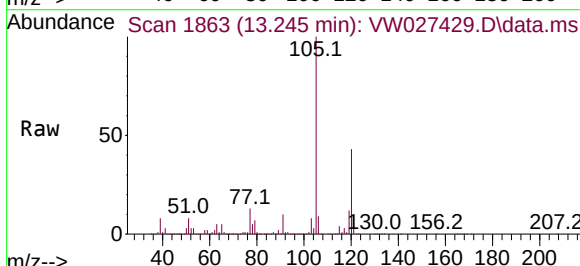
Instrument :
 MSVOA_W
 ClientSampleId :

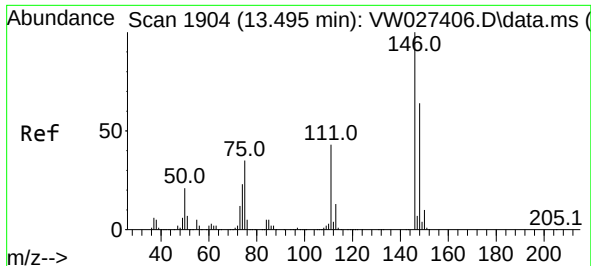
Tgt Ion:105 Resp: 541220
 Ion Ratio Lower Upper
 105 100
 120 46.1 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 19.090 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW027429.D
 Acq: 24 Oct 2023 20:08

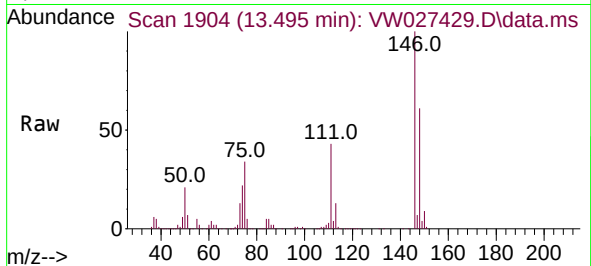
Tgt Ion:105 Resp: 543573
 Ion Ratio Lower Upper
 105 100
 120 43.0 35.4 53.2



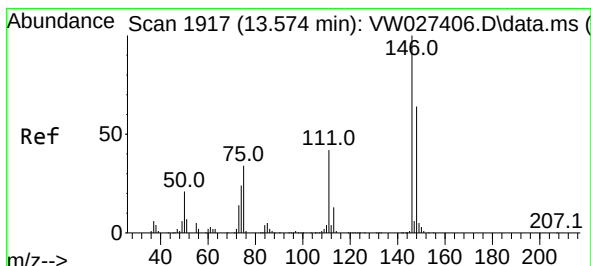
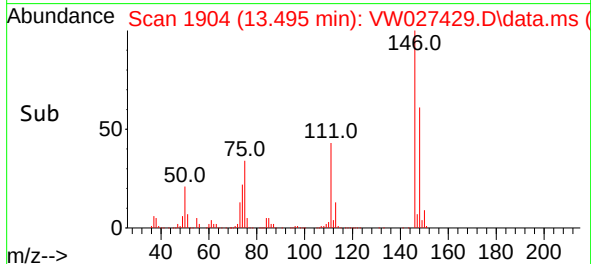
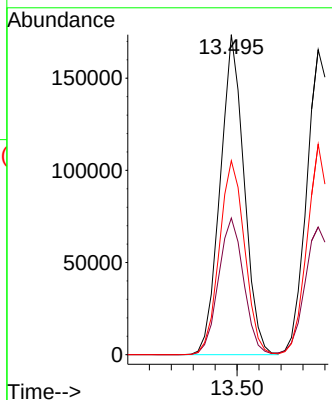


#64
1,3-Dichlorobenzene
Concen: 18.628 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Instrument :
MSVOA_W
ClientSampleId :

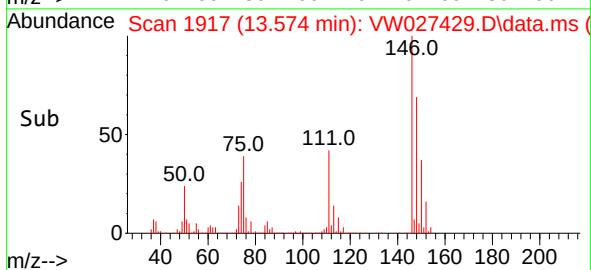
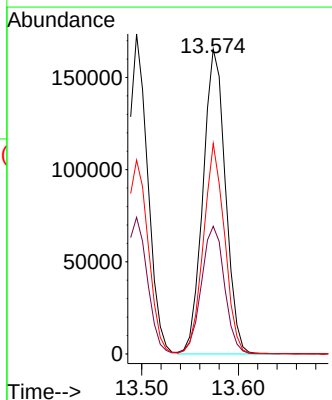
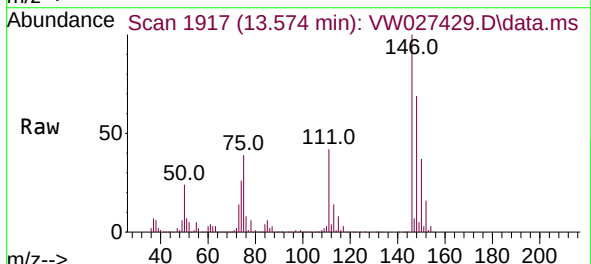


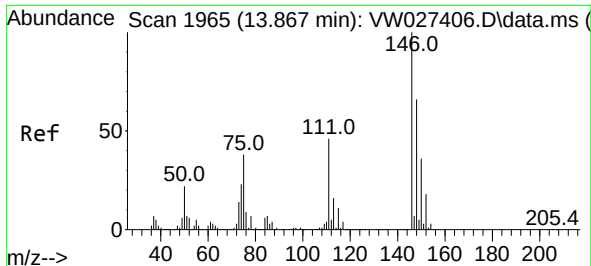
Tgt Ion:146 Resp: 263553
Ion Ratio Lower Upper
146 100
111 42.7 30.8 57.2
148 60.6 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 18.918 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion:146 Resp: 267302
Ion Ratio Lower Upper
146 100
111 41.9 29.5 54.9
148 69.0 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 19.663 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

Instrument :

MSVOA_W

ClientSampleId :

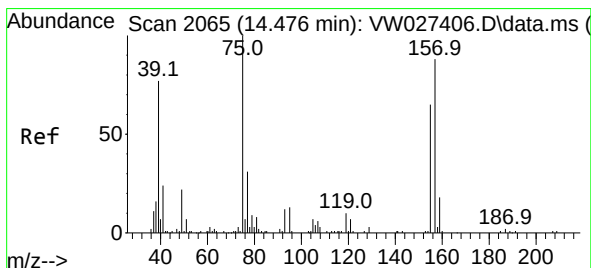
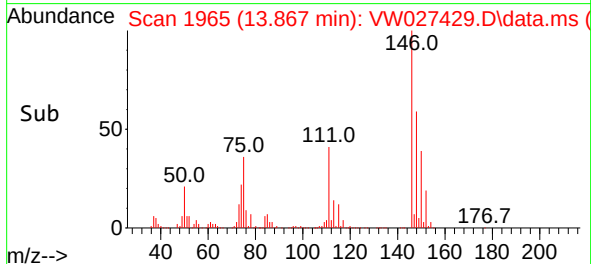
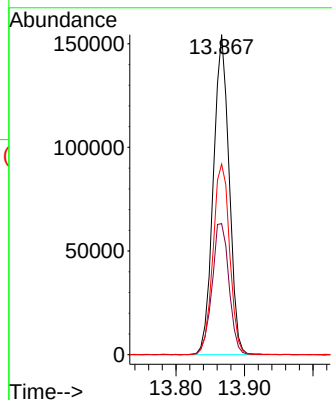
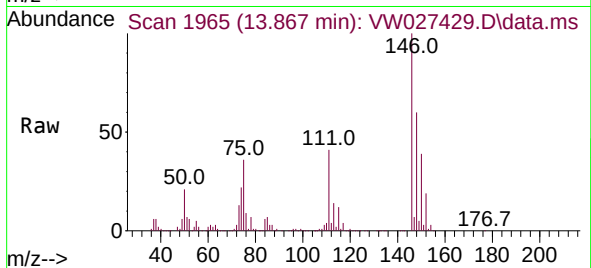
Tgt Ion:146 Resp: 246857

Ion Ratio Lower Upper

146 100

111 41.0 36.8 55.2

148 59.5 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 16.375 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

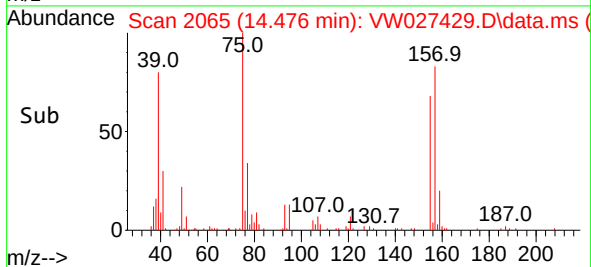
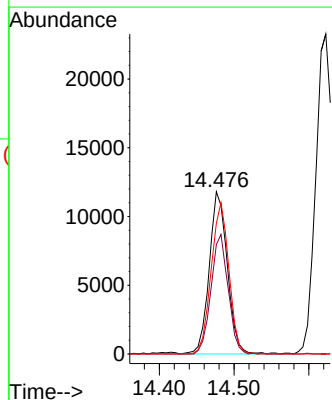
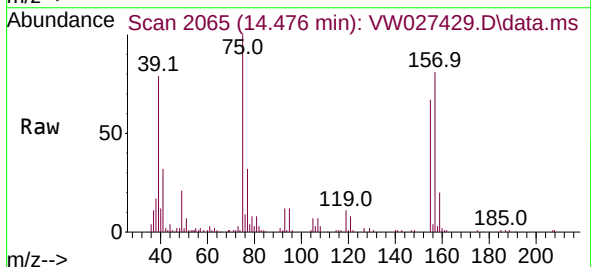
Tgt Ion: 75 Resp: 19846

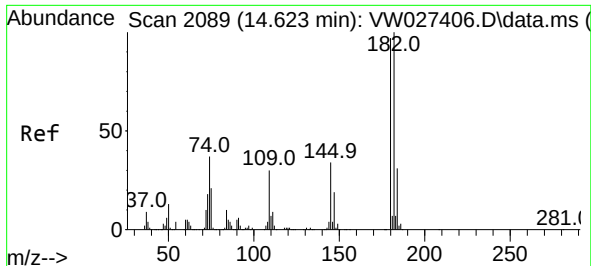
Ion Ratio Lower Upper

75 100

155 67.4 54.9 82.3

157 80.5 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 19.335 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

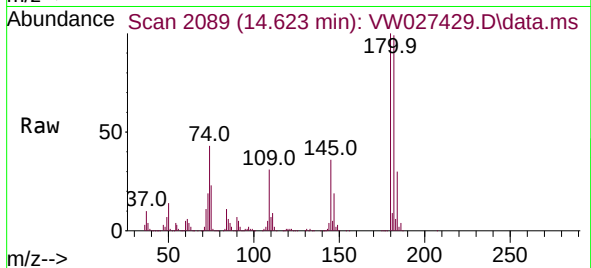
Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 177579

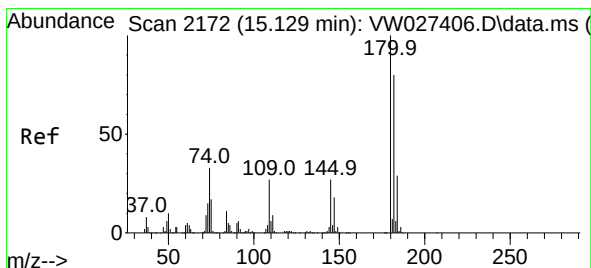
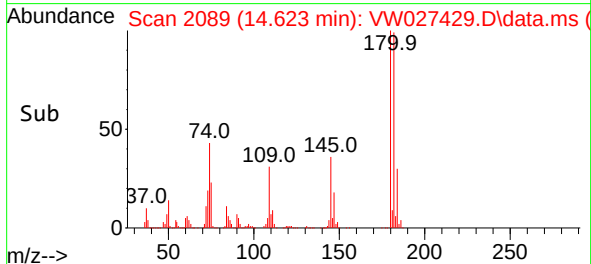
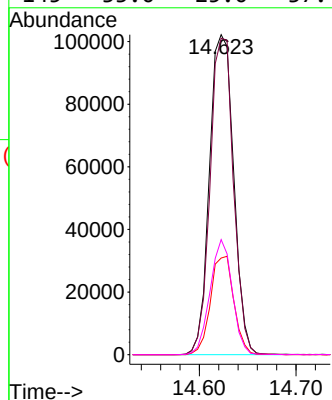
Ion Ratio Lower Upper

180 100

182 95.8 73.4 110.0

184 29.8 23.3 34.9

145 33.0 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 19.332 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027429.D

Acq: 24 Oct 2023 20:08

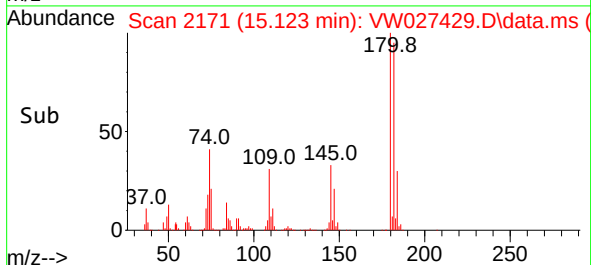
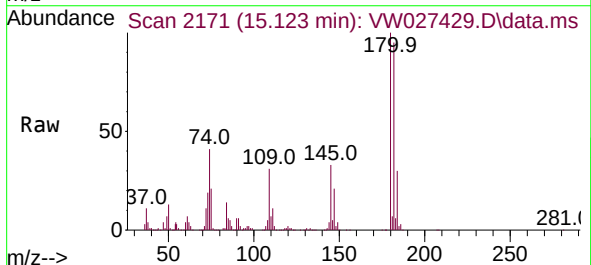
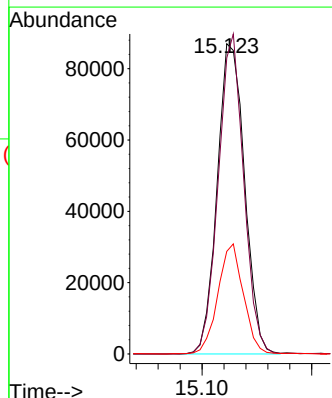
Tgt Ion:180 Resp: 151124

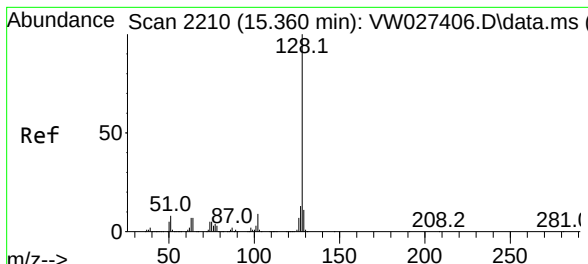
Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

145 32.8 26.4 39.6

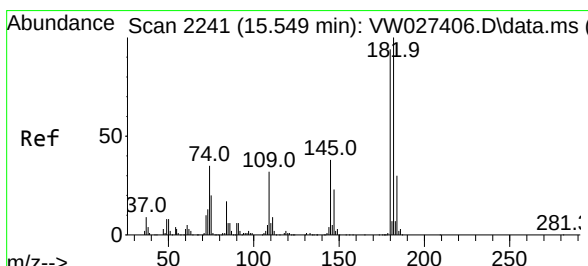
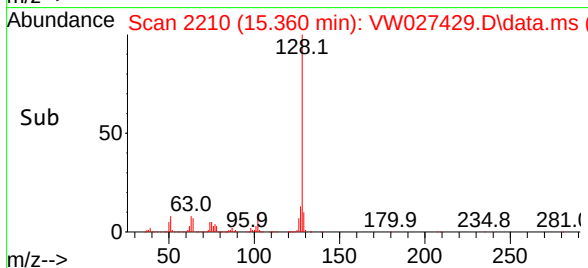
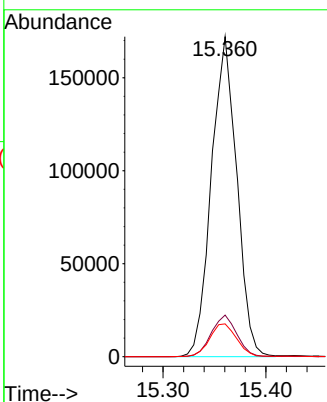
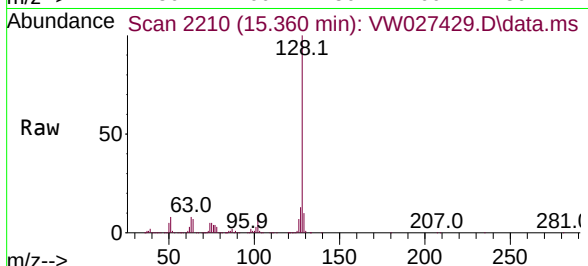




#71
Naphthalene
Concen: 18.376 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	295417
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.0	15.0
129	11.0	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 18.823 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW027429.D
Acq: 24 Oct 2023 20:08

Tgt Ion:	180	Resp:	120994
Ion Ratio	Lower	Upper	
180	100		
182	97.5	81.1	121.7
145	35.9	30.6	45.8

