

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100323\
 Data File : VW027205.D
 Acq On : 03 Oct 2023 16:43
 Operator : SY/MD
 Sample : 04707-002MS
 Misc : 2.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 01:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 01:37:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	597169	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	587256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	341232	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	257251	27.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.680%	
7) Chloroethane-d5	2.899	69	212183	28.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.440%	
11) 1,1-Dichloroethene-d2	4.021	65	110486	28.343	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 113.360%#	
21) 2-Butanone-d5	7.075	46	134134	69.155	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 138.300%#	
24) Chloroform-d	7.654	84	535662	30.649	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 122.600%	
26) 1,2-Dichloroethane-d4	8.307	65	266805	31.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 127.400%	
32) Benzene-d6	8.276	84	1061730	29.500	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 118.000%	
36) 1,2-Dichloropropane-d6	9.276	67	337758	31.346	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 125.400%#	
41) Toluene-d8	10.325	98	962840	30.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 121.280%	
43) trans-1,3-Dichloroprop...	10.575	79	139433	32.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 131.880%	
47) 2-Hexanone-d5	10.922	63	115240	69.915	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 139.840%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	277675	33.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 134.680%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	323403	28.267	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 113.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	188662	24.314	ug/L	91
3) Chloromethane	2.222	50	235814	22.514	ug/L	97
5) Vinyl chloride	2.369	62	269022	23.525	ug/L	95
6) Bromomethane	2.789	94	179497	23.825	ug/L	100
8) Chloroethane	2.930	64	167941	24.198	ug/L	99
9) Trichlorofluoromethane	3.271	101	245377	25.530	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	228301	23.609	ug/L	98
12) 1,1-Dichloroethene	4.039	96	225600	24.420	ug/L	83
13) Acetone	4.118	43	151628	63.263	ug/L	99
14) Carbon disulfide	4.381	76	725785	23.406	ug/L	99
15) Methyl Acetate	4.673	43	108018	26.889	ug/L	98
16) Methylene chloride	4.917	84	347190	29.700	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	244931	24.640	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	364932	29.337	ug/L	99
19) 1,1-Dichloroethane	6.216	63	464195	25.041	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	272444	25.712	ug/L	93
22) 2-Butanone	7.167	43	177299	59.812	ug/L	99
23) Bromochloromethane	7.520	128	122850	25.409	ug/L	96
25) Chloroform	7.679	83	469358	25.959	ug/L	92

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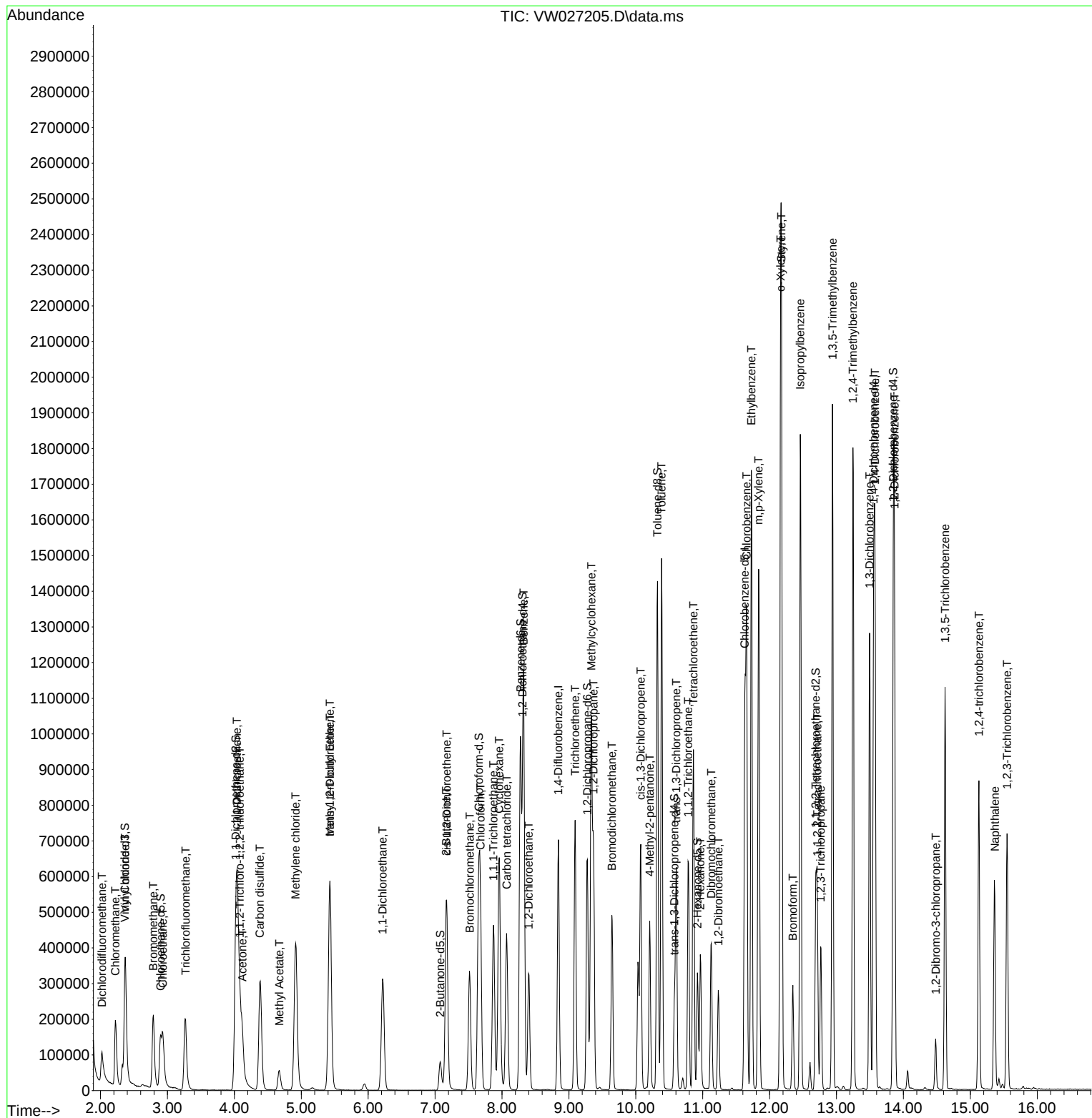
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	296932	26.809	ug/L	99
29) Cyclohexane	7.959	56	380575	24.359	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	378566	25.932	ug/L	100
31) Carbon tetrachloride	8.069	117	340360	24.684	ug/L	100
33) Benzene	8.325	78	1041628	25.095	ug/L	100
34) Trichloroethene	9.093	95	262266	24.196	ug/L	96
35) Methylcyclohexane	9.337	83	430948	23.639	ug/L	98
37) 1,2-Dichloropropane	9.367	63	278027	25.996	ug/L	100
38) Bromodichloromethane	9.642	83	342248	26.644	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	433291	27.496	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	298095	57.453	ug/L	99
42) Toluene	10.386	91	1120384	26.284	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	361698	28.006	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	210304	27.172	ug/L	97
46) Tetrachloroethene	10.861	164	214474	25.172	ug/L	87
48) 2-Hexanone	10.965	43	231501	56.913	ug/L	99
49) Dibromochloromethane	11.129	129	228590	27.233	ug/L	97
50) 1,2-Dibromoethane	11.233	107	195818	27.265	ug/L	94
51) Chlorobenzene	11.654	112	705131	24.928	ug/L	99
52) Ethylbenzene	11.727	91	1215180	25.376	ug/L	99
53) m,p-Xylene	11.836	106	474044	25.817	ug/L	94
54) o-Xylene	12.166	106	459028	26.761	ug/L	97
55) Styrene	12.178	104	809719	27.424	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	254739	27.440	ug/L	97
59) Bromoform	12.349	173	136920	25.410	ug/L	98
60) Isopropylbenzene	12.458	105	1206457	24.010	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	178189	25.506	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1003763	25.479	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	974752	25.248	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	533598	23.009	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	564884	24.244	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	497431	24.471	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	37816	25.270	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.623	180	339643	22.744	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	283822	24.090	ug/L	97
71) Naphthalene	15.366	128	494262	23.777	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	252814	24.174	ug/L	100

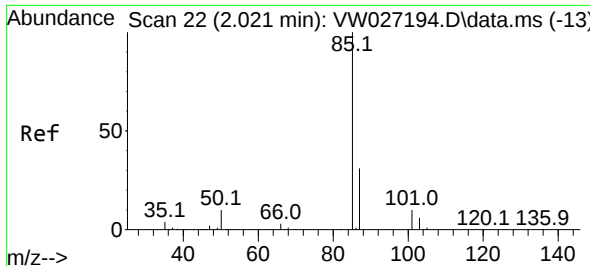
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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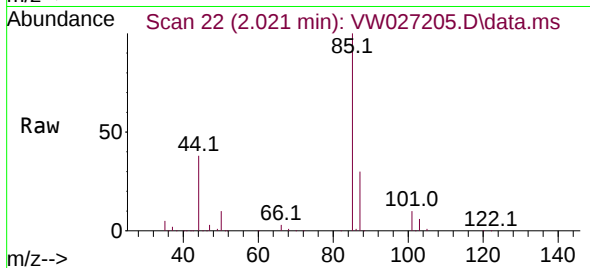
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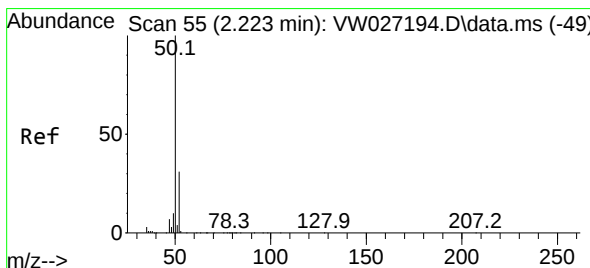
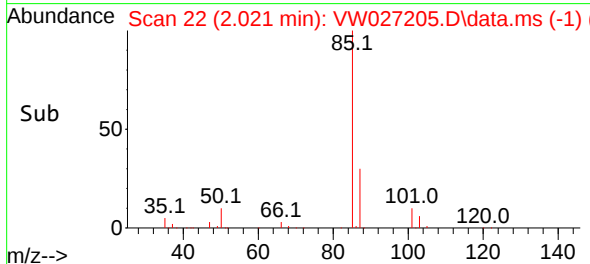
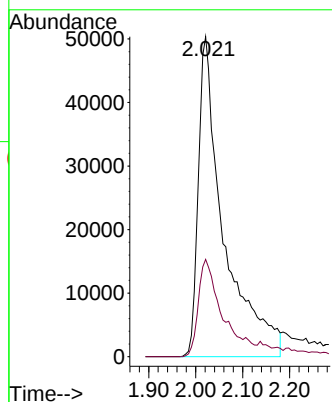


#2
Dichlorodifluoromethane
Concen: 24.314 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Instrument :
MSVOA_W
ClientSampleId :

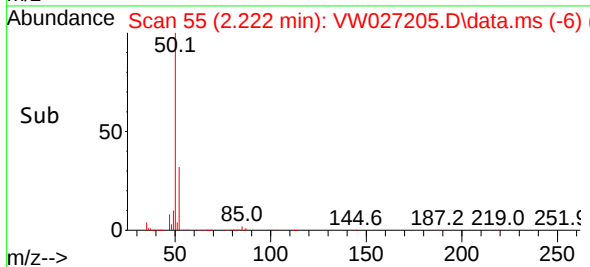
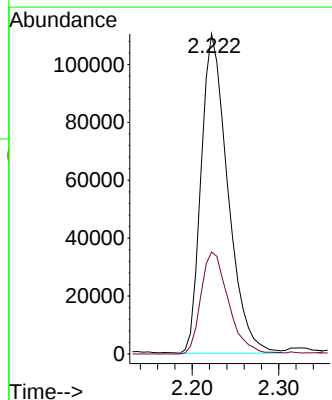
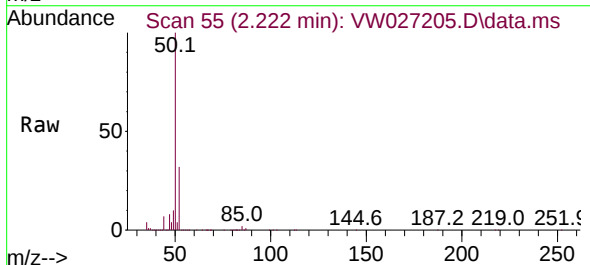


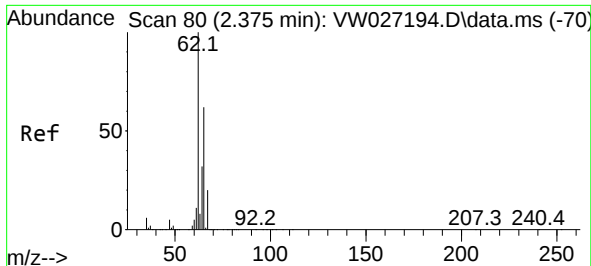
Tgt Ion: 85 Resp: 188662
Ion Ratio Lower Upper
85 100
87 22.7 22.1 33.1



#3
Chloromethane
Concen: 22.514 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Tgt Ion: 50 Resp: 235814
Ion Ratio Lower Upper
50 100
52 31.9 23.5 43.7

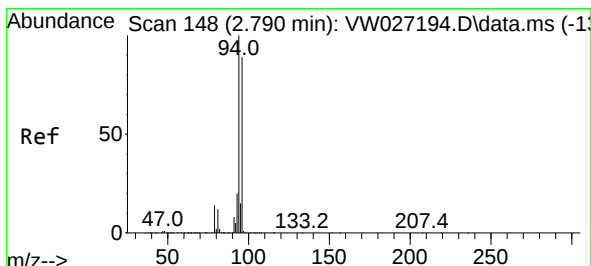
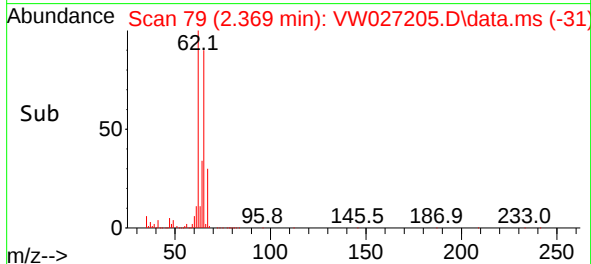
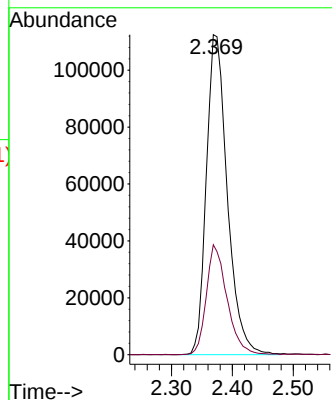
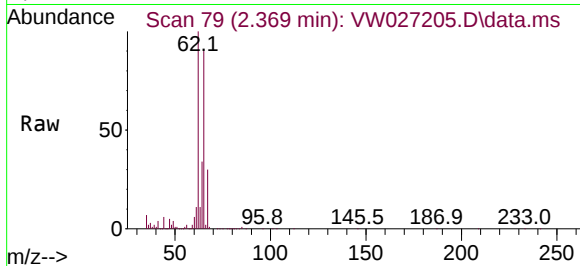




#5
 Vinyl chloride
 Concen: 23.525 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW027205.D
 Acq: 03 Oct 2023 16:43

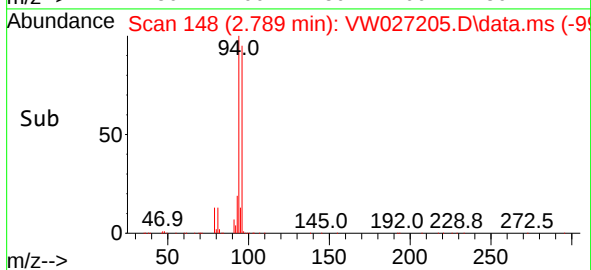
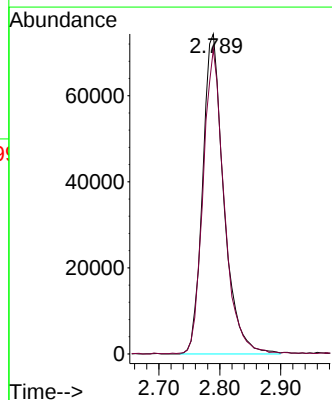
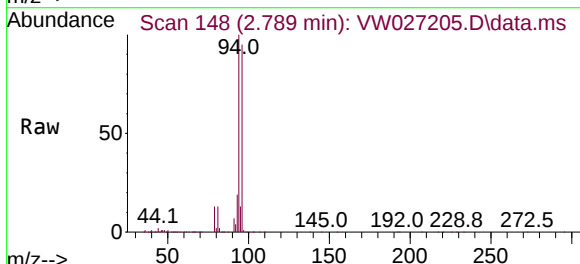
Instrument :
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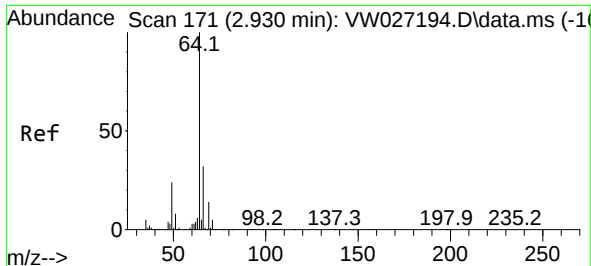
Tgt Ion: 62 Resp: 269022
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.2 41.2



#6
 Bromomethane
 Concen: 23.825 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW027205.D
 Acq: 03 Oct 2023 16:43

Tgt Ion: 94 Resp: 179497
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.8 124.0

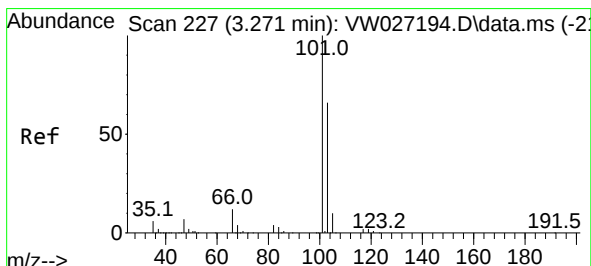
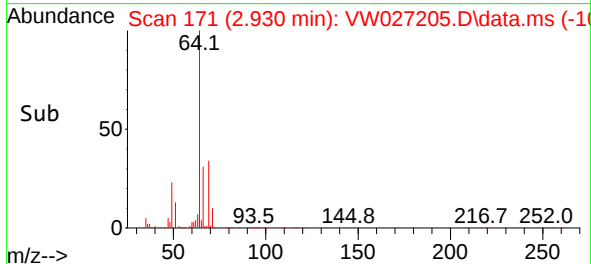
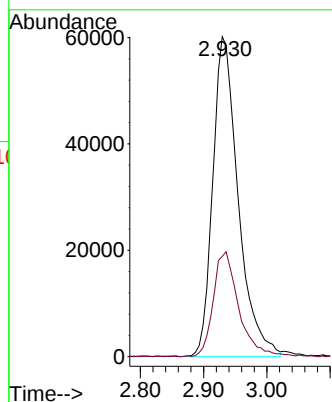
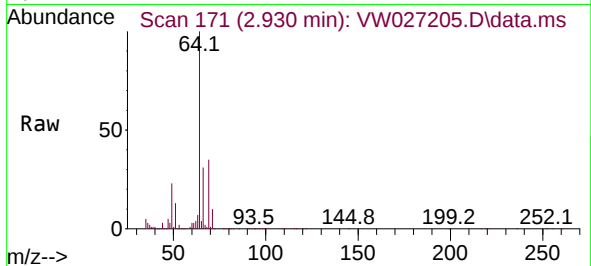




#8
Chloroethane
Concen: 24.198 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

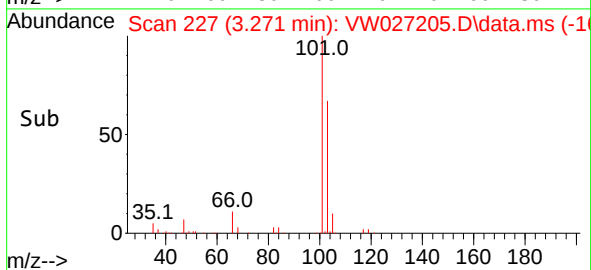
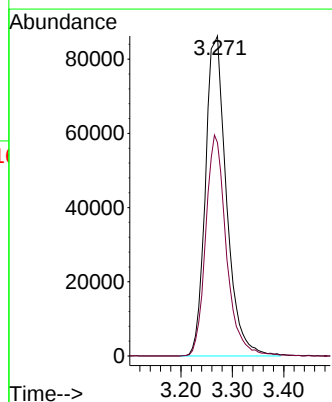
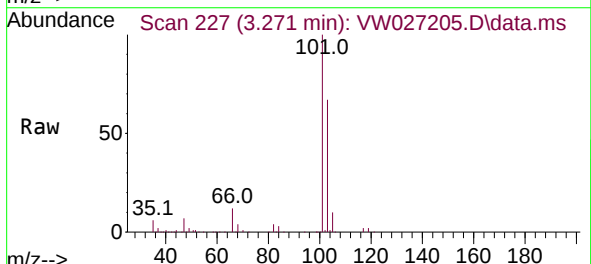
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MSVOA_W
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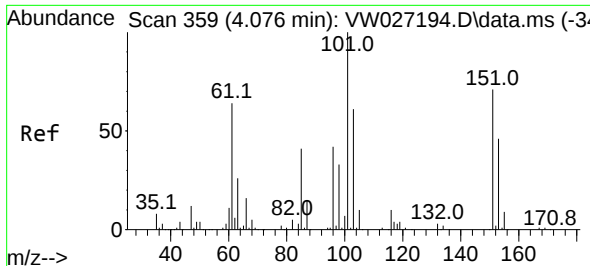
Tgt Ion: 64 Resp: 167941
Ion Ratio Lower Upper
64 100
66 31.4 21.5 39.9



#9
Trichlorofluoromethane
Concen: 25.530 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Tgt Ion:101 Resp: 245377
Ion Ratio Lower Upper
101 100
103 67.6 52.0 78.0

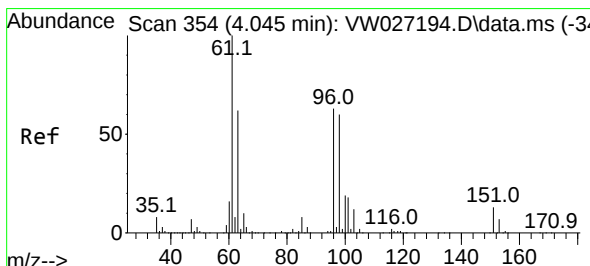
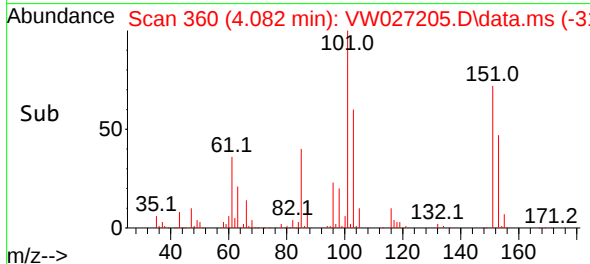
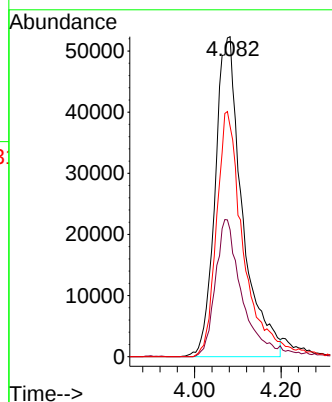
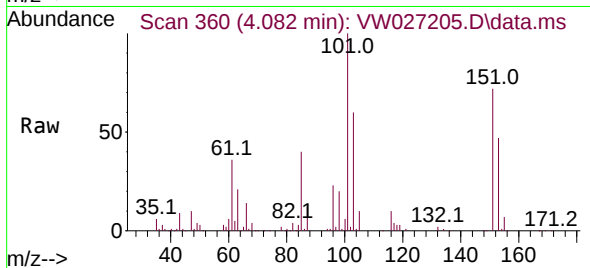




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.609 ug/L
 RT: 4.082 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW027205.D
 Acq: 03 Oct 2023 16:43

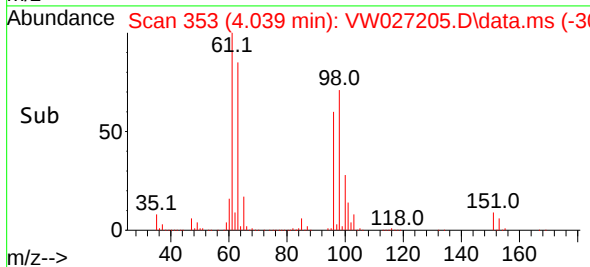
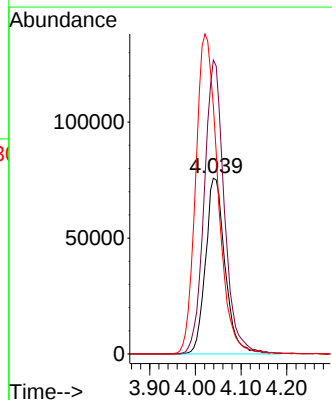
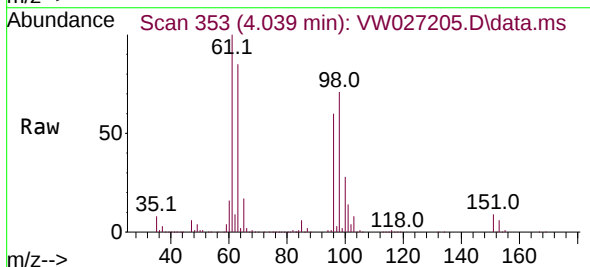
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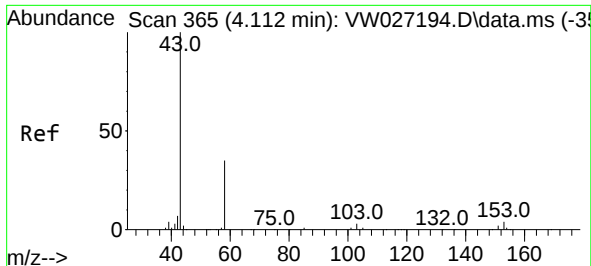
Tgt Ion:101 Resp: 228301
 Ion Ratio Lower Upper
 101 100
 85 41.2 33.1 49.7
 151 70.8 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 24.420 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW027205.D
 Acq: 03 Oct 2023 16:43

Tgt Ion: 96 Resp: 225600
 Ion Ratio Lower Upper
 96 100
 61 167.3 109.8 204.0
 63 141.5 76.9 142.7

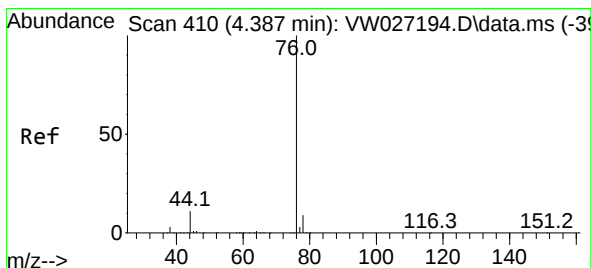
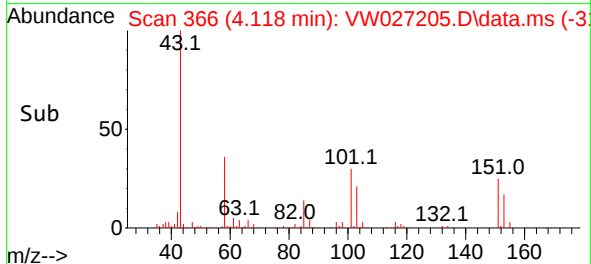
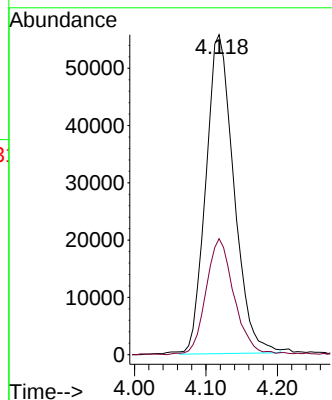
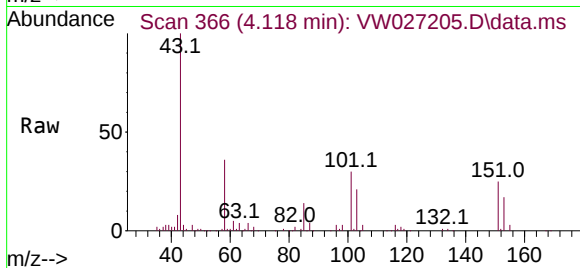




#13
Acetone
Concen: 63.263 ug/L
RT: 4.118 min Scan# 309
Delta R.T. 0.006 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

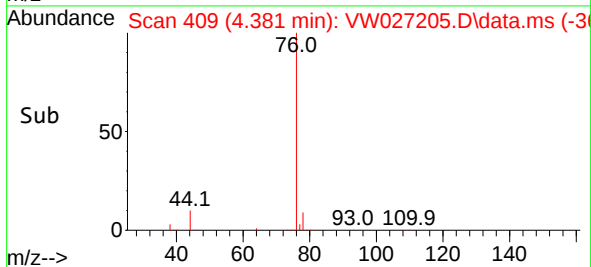
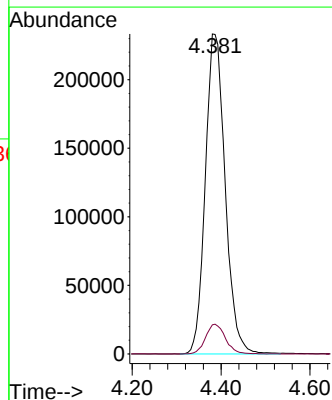
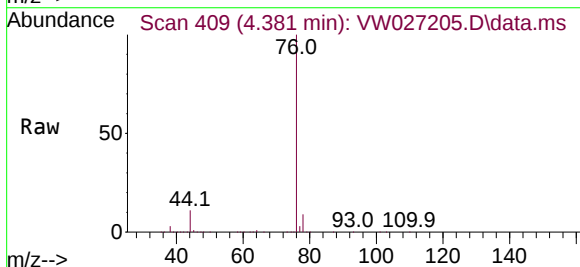
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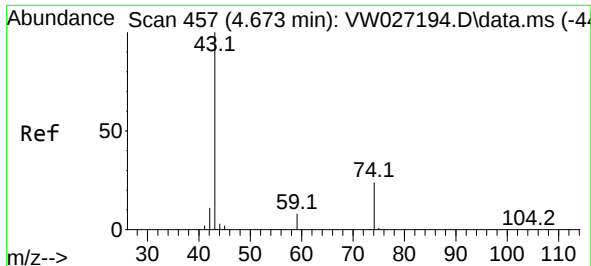
Tgt Ion: 43 Resp: 151628
Ion Ratio Lower Upper
43 100
58 36.0 0.0 70.4



#14
Carbon disulfide
Concen: 23.406 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
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Acq: 03 Oct 2023 16:43

Tgt Ion: 76 Resp: 725785
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

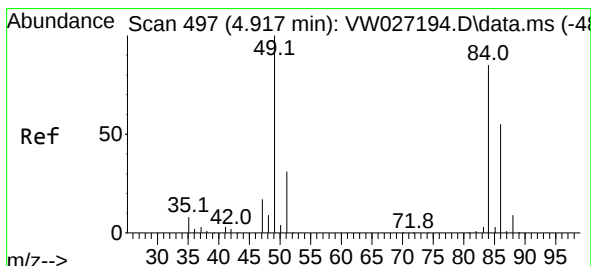
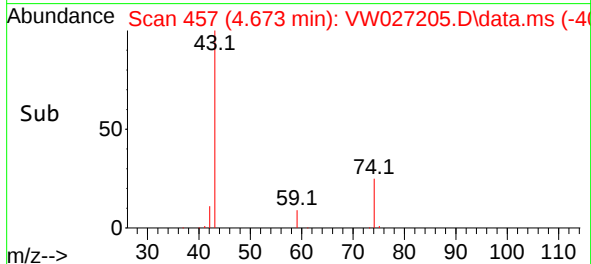
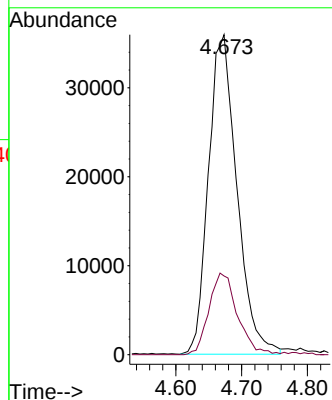
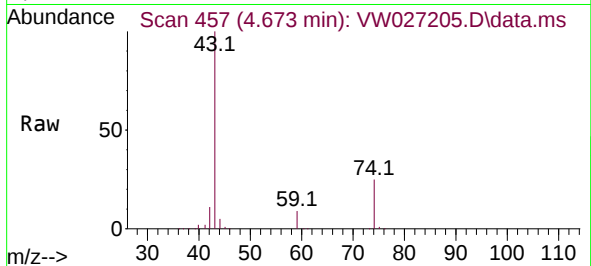




#15
Methyl Acetate
Concen: 26.889 ug/L
RT: 4.673 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

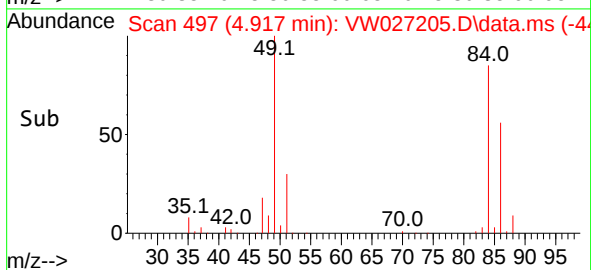
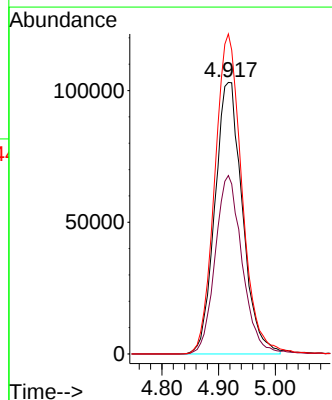
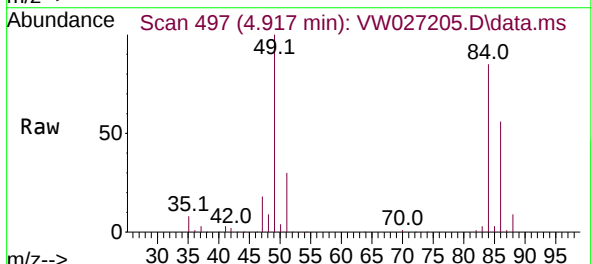
Instrument :
MSVOA_W
ClientSampleId :

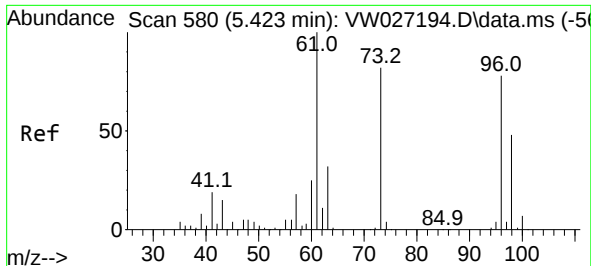
Tgt Ion: 43 Resp: 108018
Ion Ratio Lower Upper
43 100
74 24.9 20.8 31.2



#16
Methylene chloride
Concen: 29.700 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Tgt Ion: 84 Resp: 347190
Ion Ratio Lower Upper
84 100
86 65.7 45.1 83.9
49 117.9 80.9 150.3





#17

trans-1,2-Dichloroethene

Concen: 24.640 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

Instrument :

MSVOA_W

ClientSampleId :

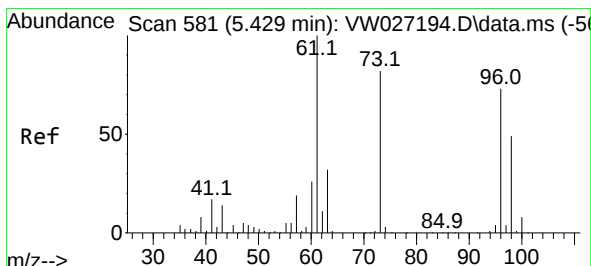
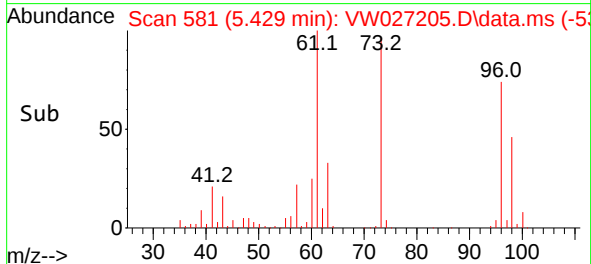
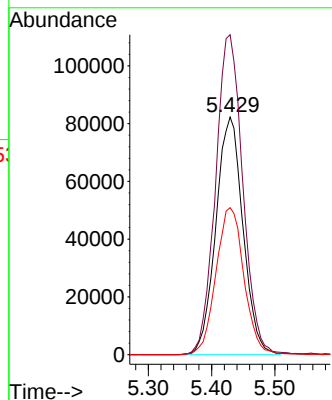
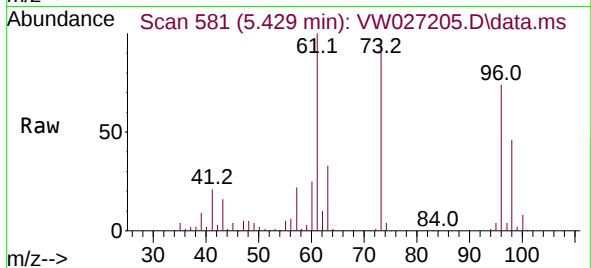
Tgt Ion: 96 Resp: 244931

Ion Ratio Lower Upper

96 100

61 134.7 93.5 173.7

98 61.9 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 29.337 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

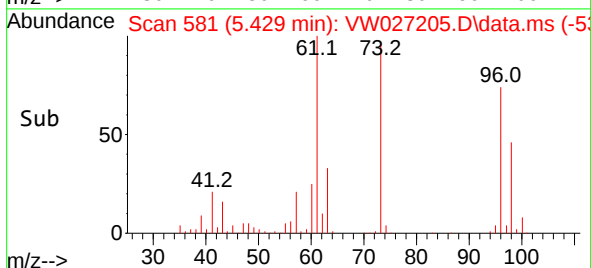
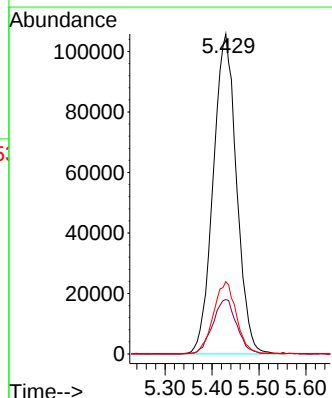
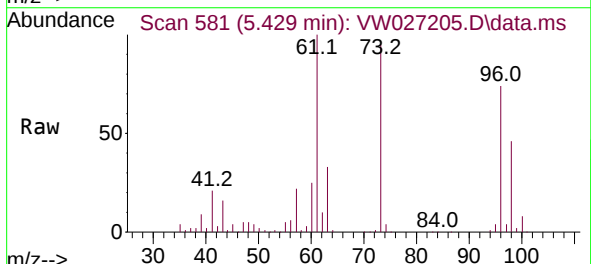
Tgt Ion: 73 Resp: 364932

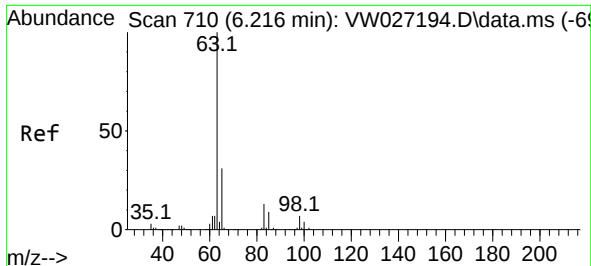
Ion Ratio Lower Upper

73 100

43 17.5 14.2 21.2

57 22.2 18.3 27.5





#19

1,1-Dichloroethane

Concen: 25.041 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

Instrument :

MSVOA_W

ClientSampleId :

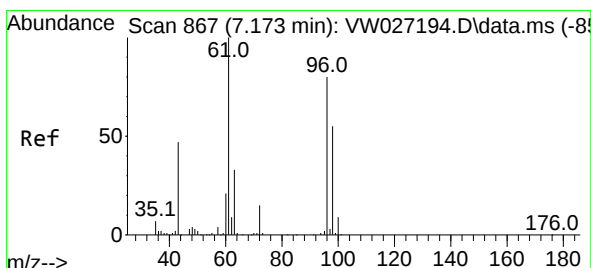
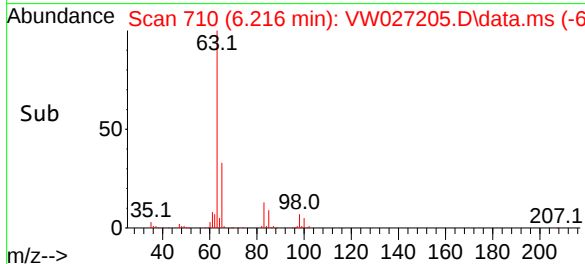
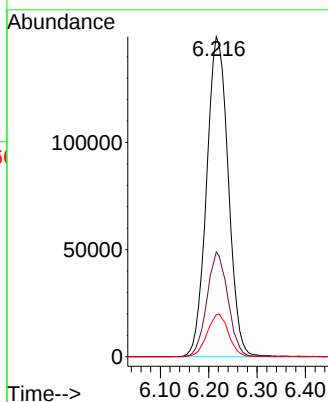
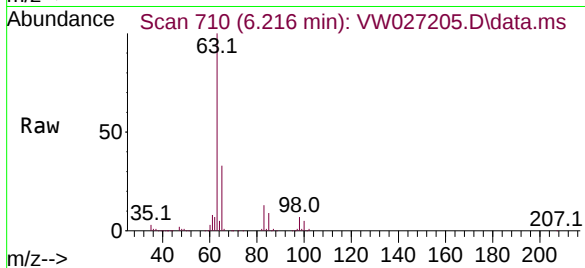
Tgt Ion: 63 Resp: 464195

Ion Ratio Lower Upper

63 100

65 32.7 22.5 41.9

83 13.1 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 25.712 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

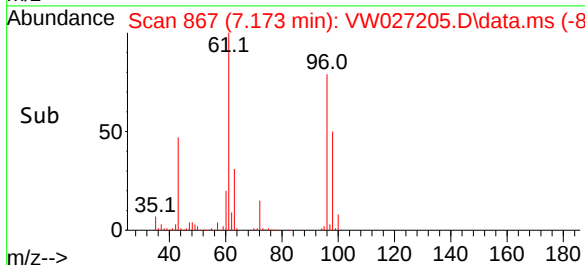
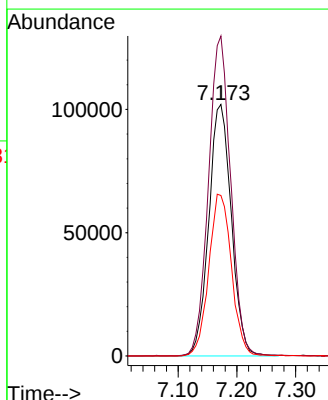
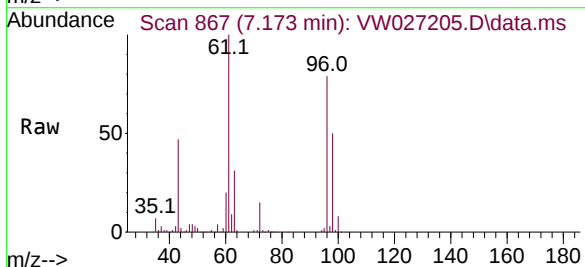
Tgt Ion: 96 Resp: 272444

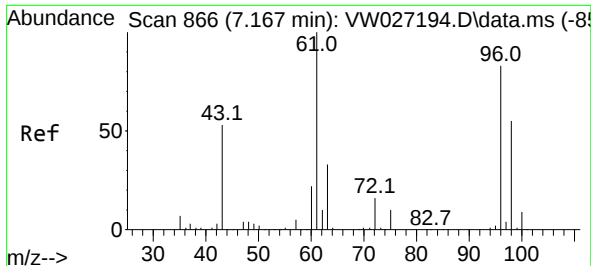
Ion Ratio Lower Upper

96 100

61 127.3 82.7 153.5

98 63.8 43.0 80.0

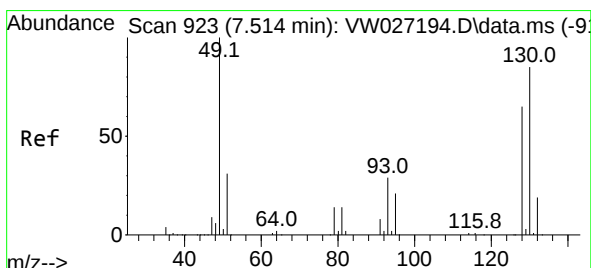
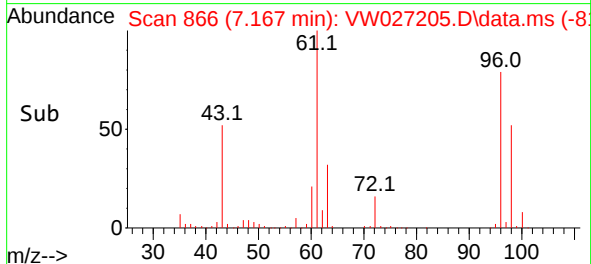
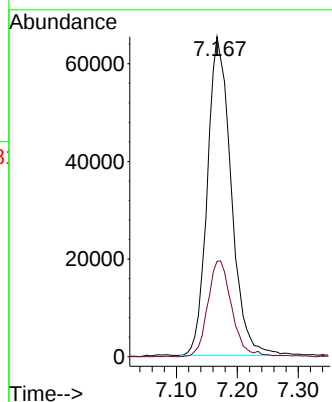
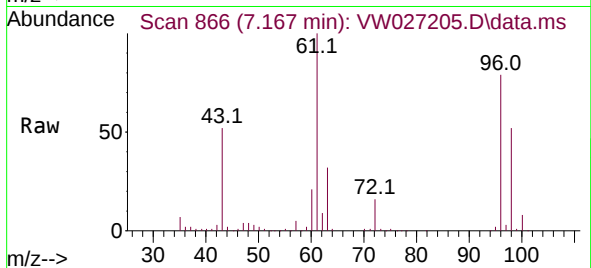




#22
2-Butanone
Concen: 59.812 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

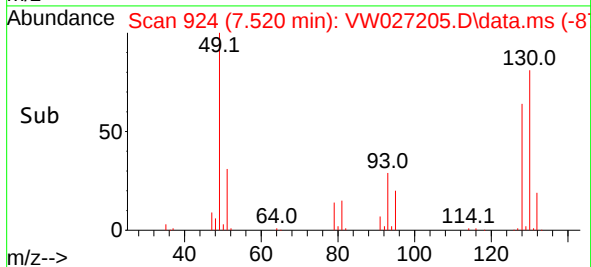
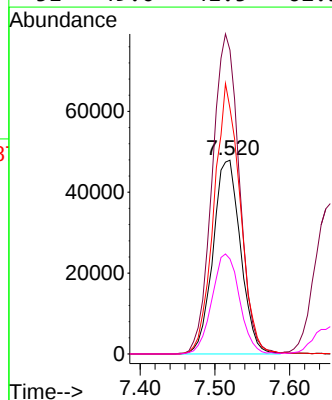
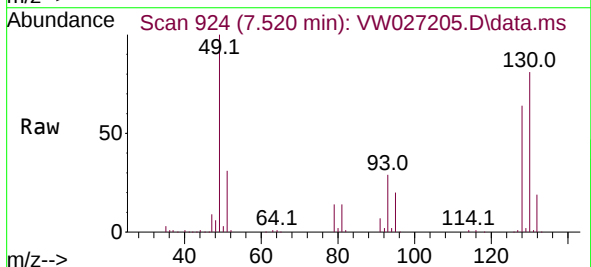
Instrument :
MSVOA_W
ClientSampleId :

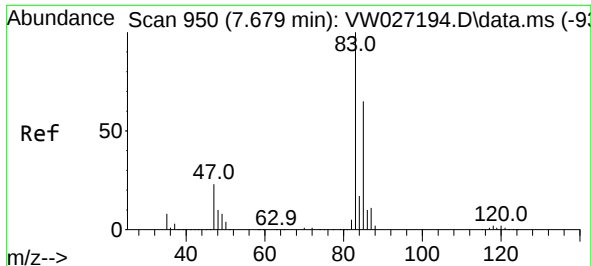
Tgt Ion: 43 Resp: 177299
Ion Ratio Lower Upper
43 100
72 29.7 14.6 44.0



#23
Bromochloromethane
Concen: 25.409 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Tgt Ion:128 Resp: 122850
Ion Ratio Lower Upper
128 100
49 156.8 112.1 208.1
130 126.8 83.9 155.7
51 49.0 41.5 62.3

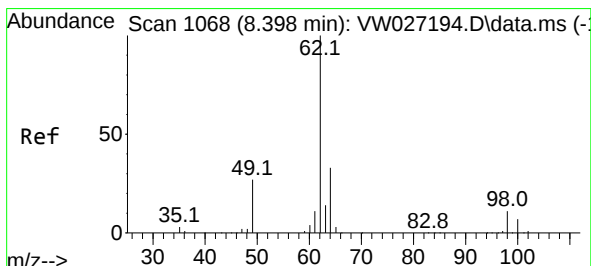
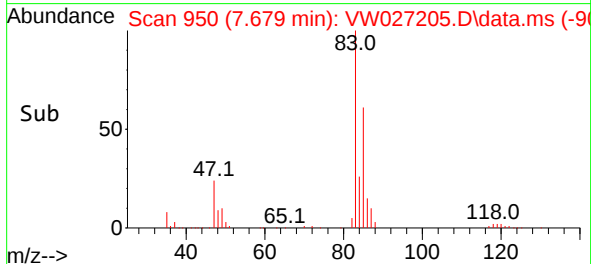
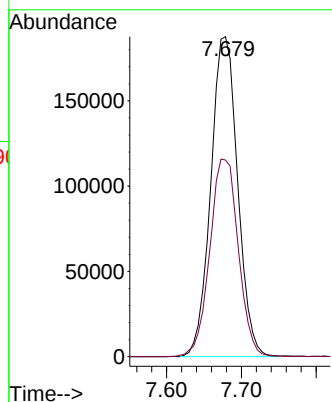
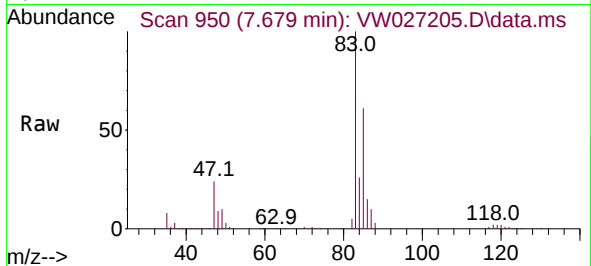




#25
Chloroform
Concen: 25.959 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

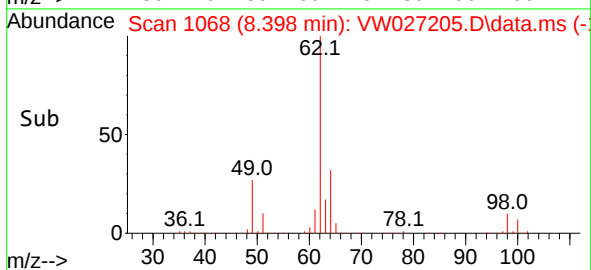
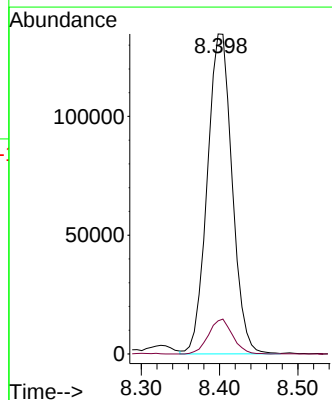
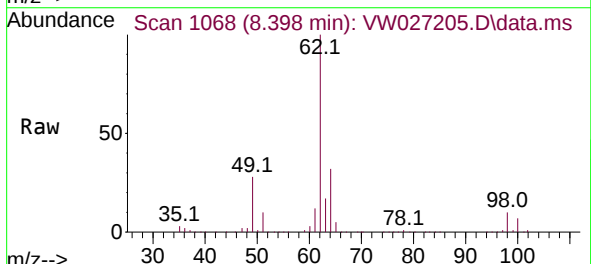
Instrument :
MSVOA_W
ClientSampleId :

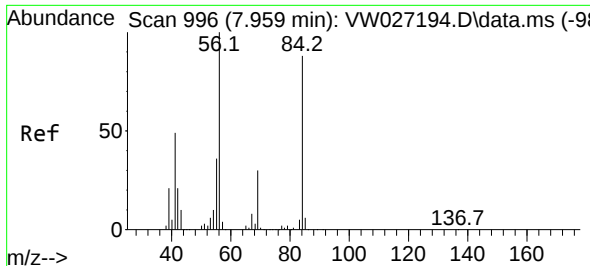
Tgt Ion: 83 Resp: 469358
Ion Ratio Lower Upper
83 100
85 61.4 47.7 88.5



#27
1,2-Dichloroethane
Concen: 26.809 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

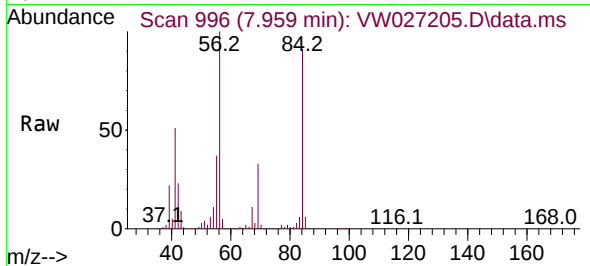
Tgt Ion: 62 Resp: 296932
Ion Ratio Lower Upper
62 100
98 10.4 7.9 11.9



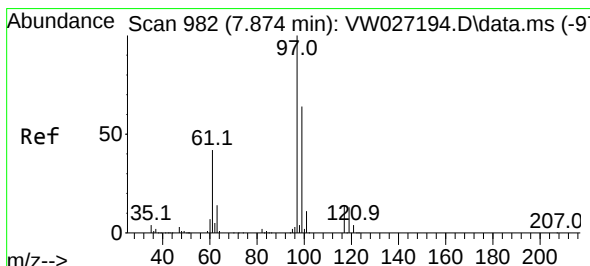
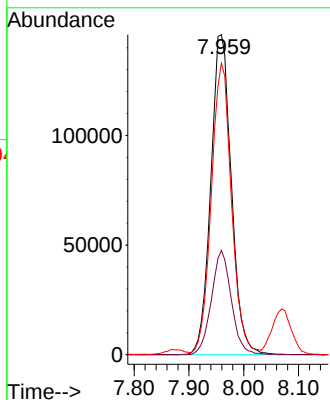
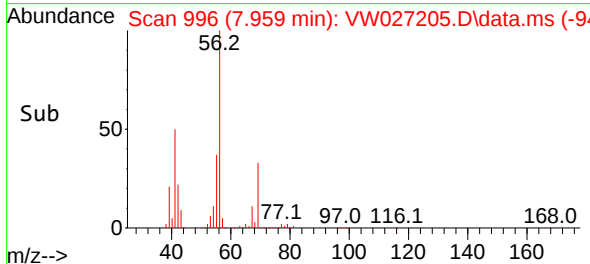


#29
Cyclohexane
Concen: 24.359 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Instrument :
MSVOA_W
ClientSampleId :

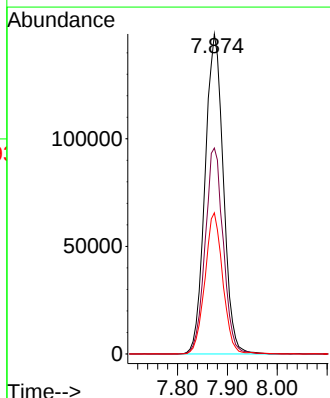
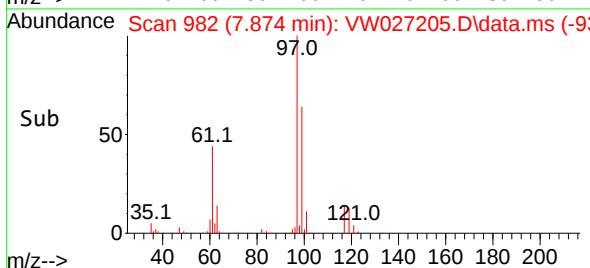
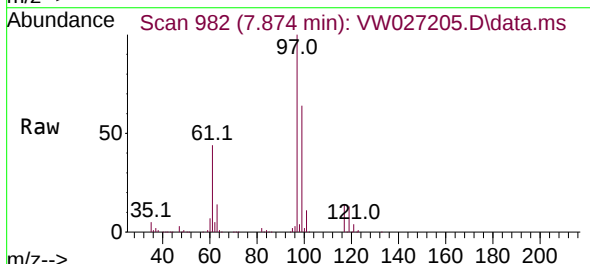


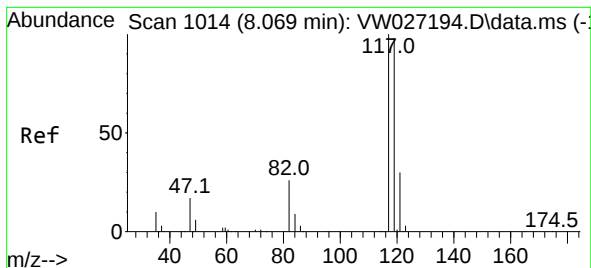
Tgt Ion: 56 Resp: 380575
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.4
84 89.6 69.9 104.9



#30
1,1,1-Trichloroethane
Concen: 25.932 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Tgt Ion: 97 Resp: 378566
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 42.8 34.6 52.0

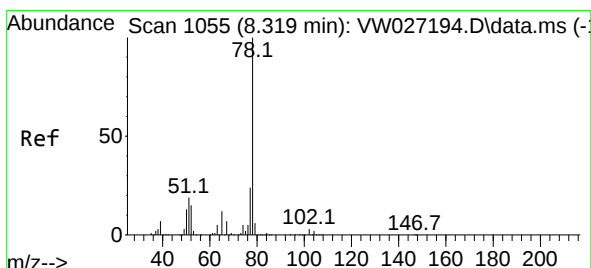
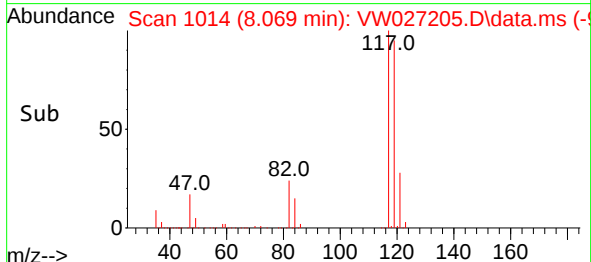
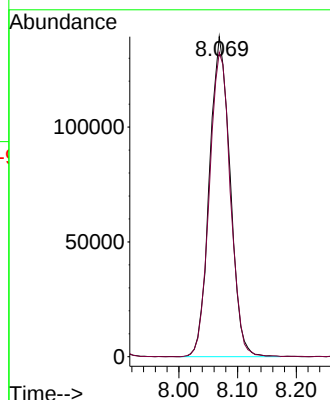
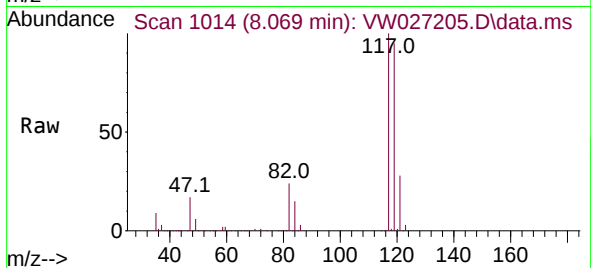




#31
Carbon tetrachloride
Concen: 24.684 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

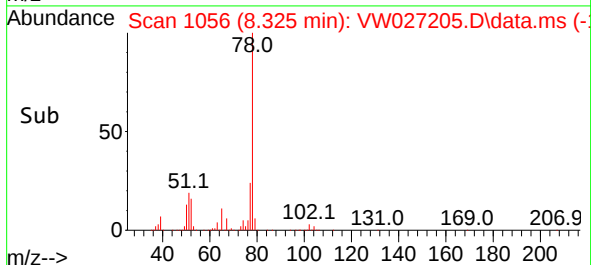
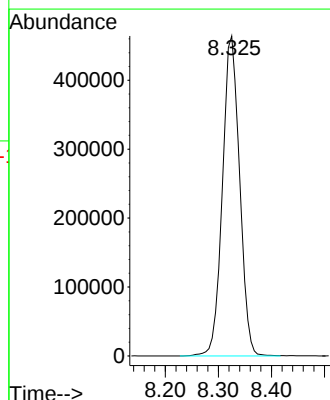
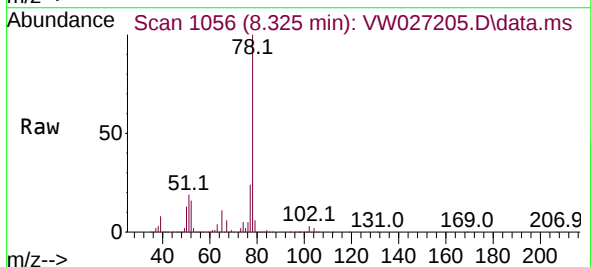
Instrument :
MSVOA_W
ClientSampleId :

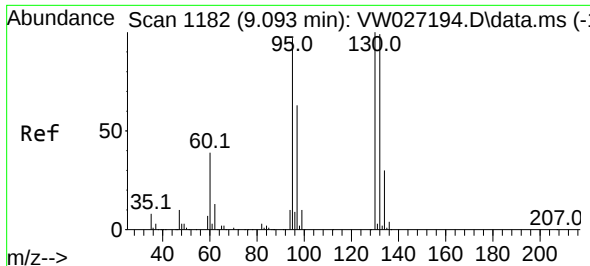
Tgt Ion:117 Resp: 340360
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.6



#33
Benzene
Concen: 25.095 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

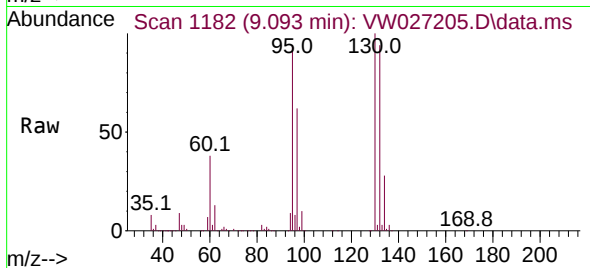
Tgt Ion: 78 Resp: 1041628



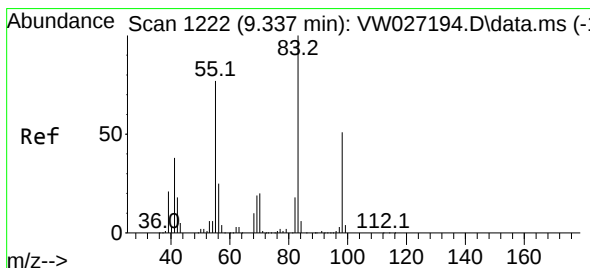
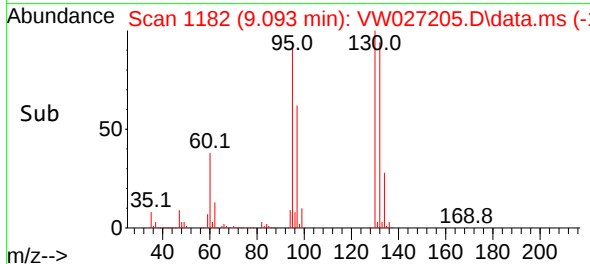
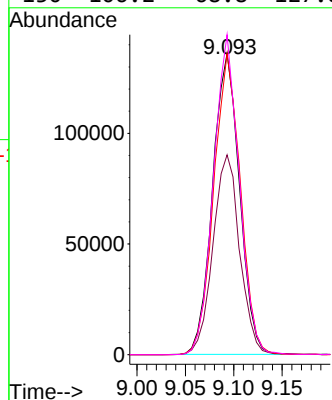


#34
Trichloroethene
Concen: 24.196 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Instrument :
MSVOA_W
ClientSampleId :

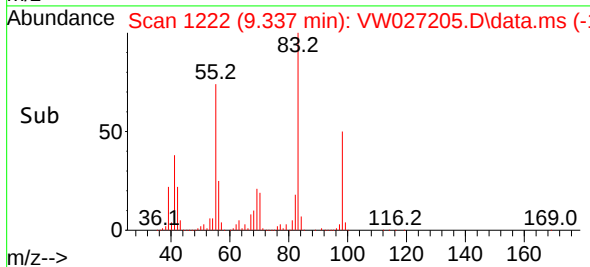
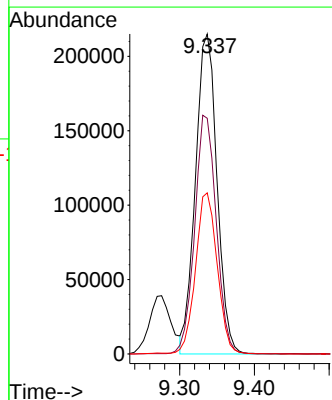
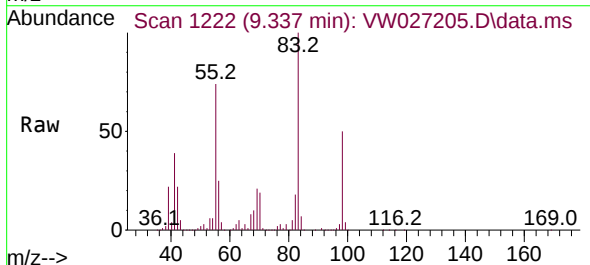


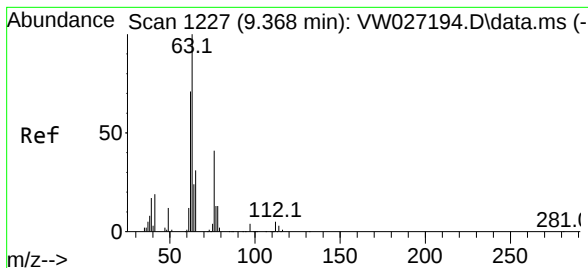
Tgt Ion: 95 Resp: 262266
Ion Ratio Lower Upper
95 100
97 66.3 46.1 85.7
132 100.0 71.5 132.9
130 106.2 68.8 127.8



#35
Methylcyclohexane
Concen: 23.639 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Tgt Ion: 83 Resp: 430948
Ion Ratio Lower Upper
83 100
55 74.7 59.1 88.7
98 50.6 38.6 58.0

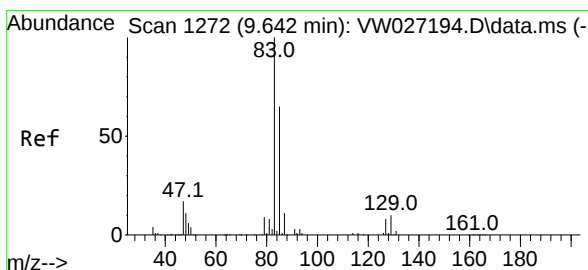
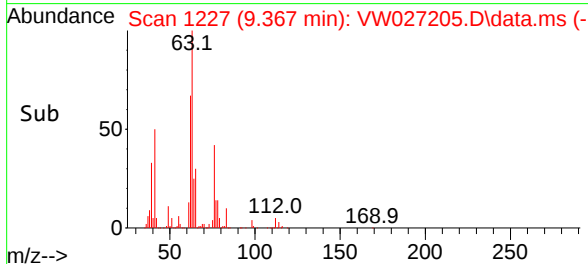
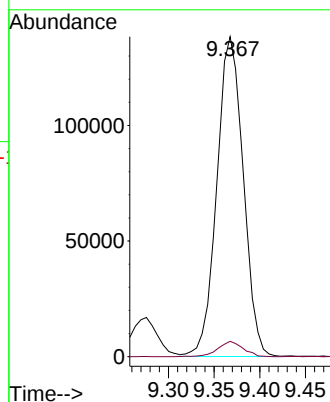
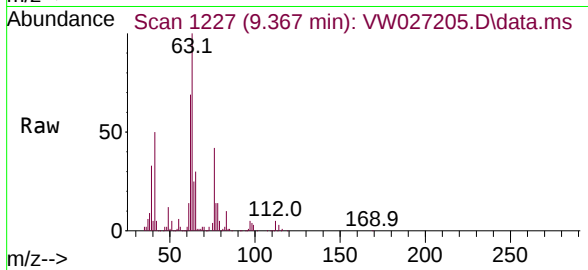




#37
1,2-Dichloropropane
Concen: 25.996 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

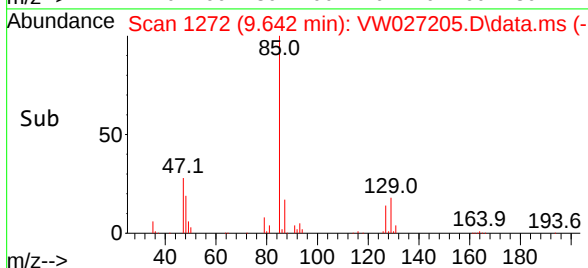
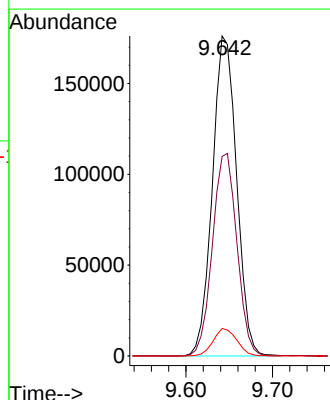
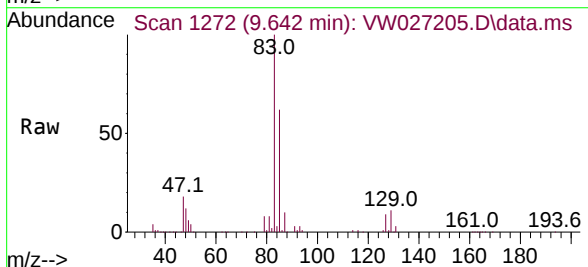
Instrument :
MSVOA_W
ClientSampleId :

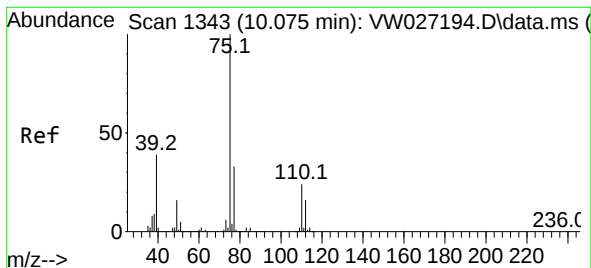
Tgt Ion: 63 Resp: 278027
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 26.644 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

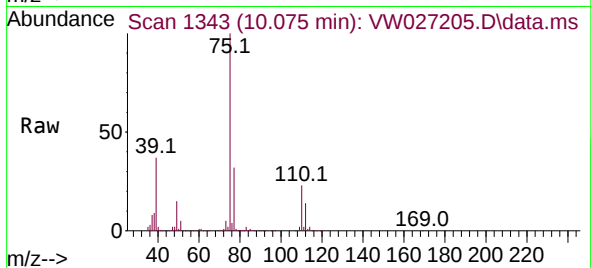
Tgt Ion: 83 Resp: 342248
Ion Ratio Lower Upper
83 100
85 62.4 44.7 82.9
127 8.6 7.0 10.6



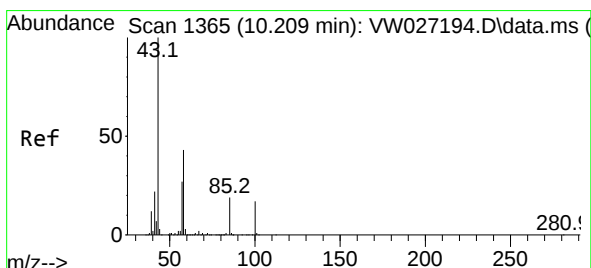
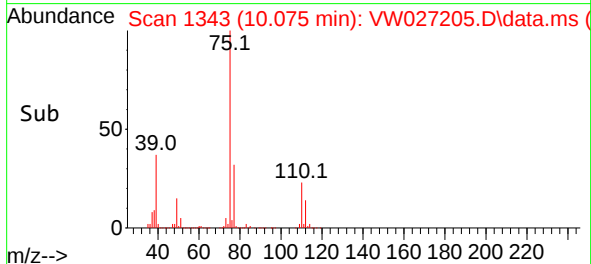
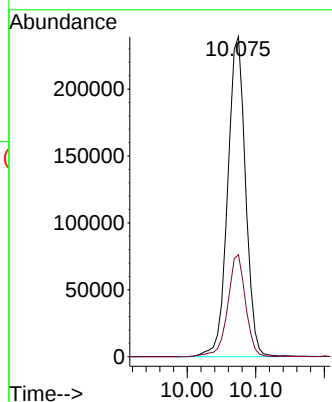


#39
 cis-1,3-Dichloropropene
 Concen: 27.496 ug/L
 RT: 10.075 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW027205.D
 Acq: 03 Oct 2023 16:43

Instrument :
 MSVOA_W
 ClientSampleId :

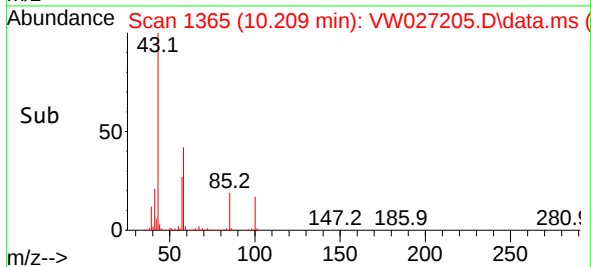
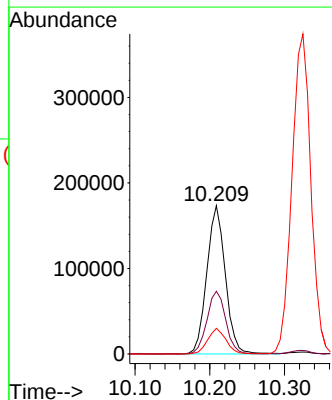
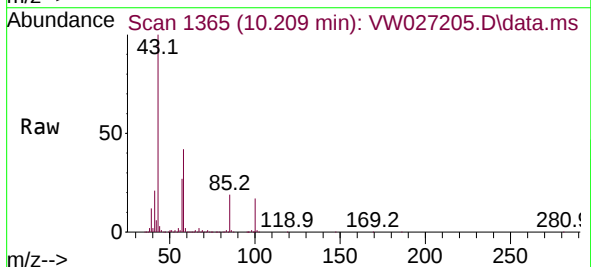


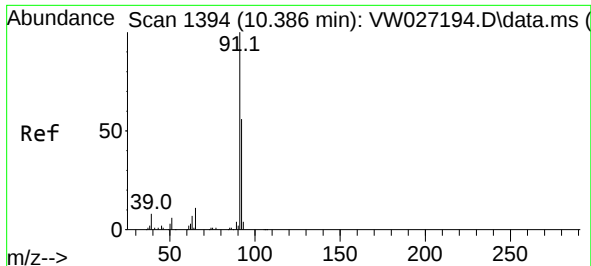
Tgt Ion: 75 Resp: 433291
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 57.453 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW027205.D
 Acq: 03 Oct 2023 16:43

Tgt Ion: 43 Resp: 298095
 Ion Ratio Lower Upper
 43 100
 58 43.1 33.8 50.6
 100 17.1 13.7 20.5

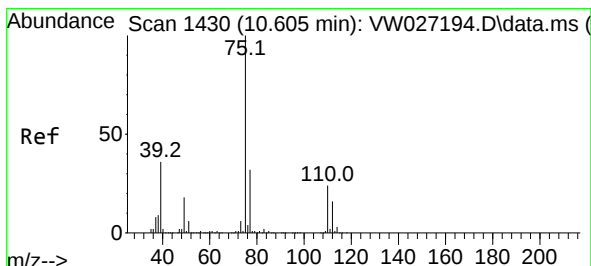
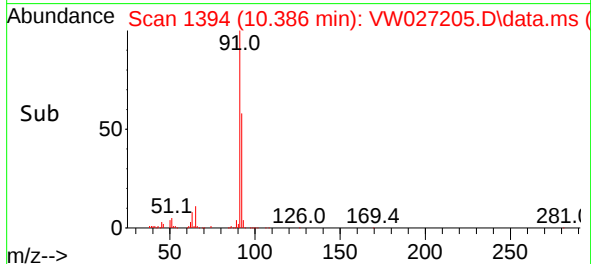
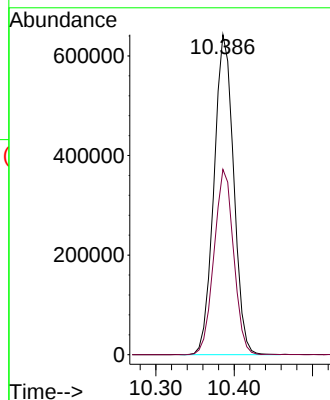
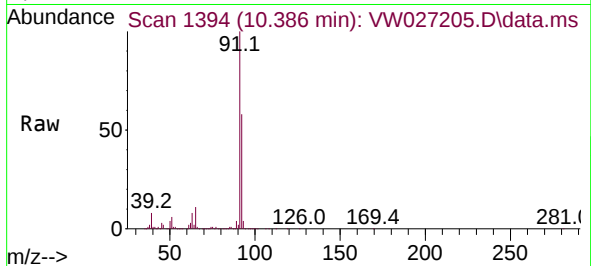




#42
Toluene
Concen: 26.284 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

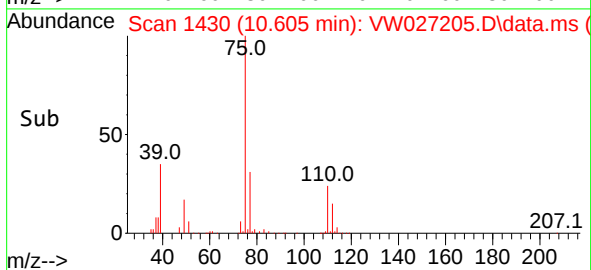
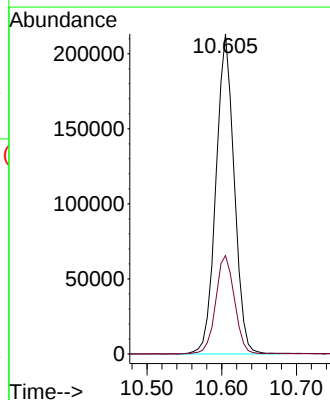
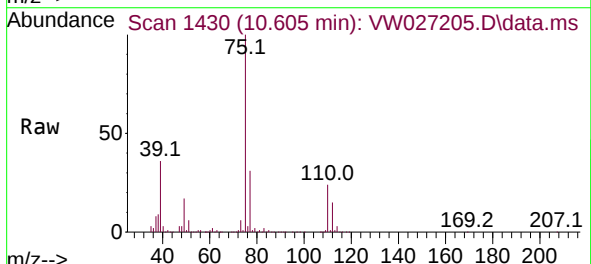
Instrument :
MSVOA_W
ClientSampleId :

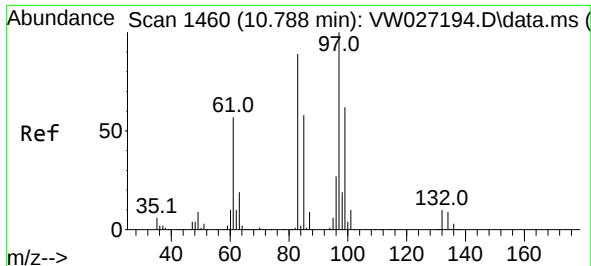
Tgt Ion: 91 Resp: 1120384
Ion Ratio Lower Upper
91 100
92 57.9 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 28.006 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

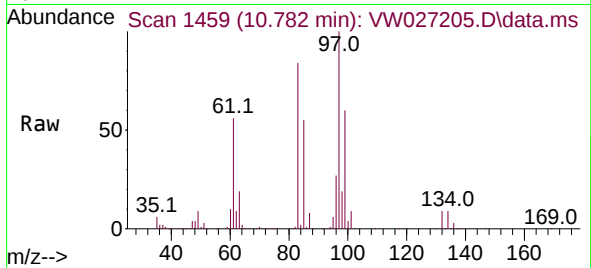
Tgt Ion: 75 Resp: 361698
Ion Ratio Lower Upper
75 100
77 30.8 21.6 40.2





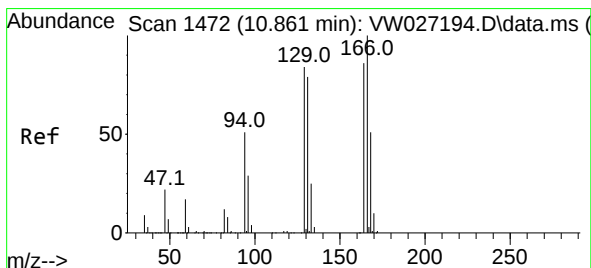
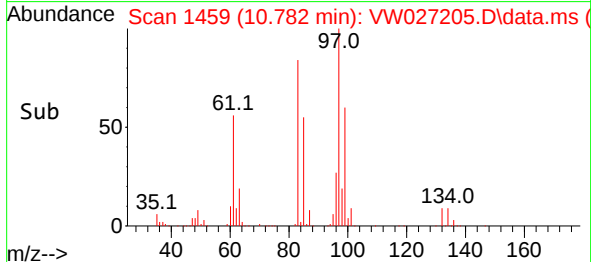
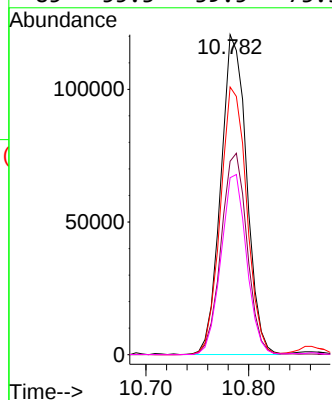
#45
1,1,2-Trichloroethane
Concen: 27.172 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 210304

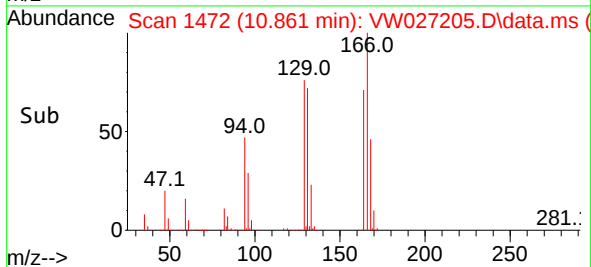
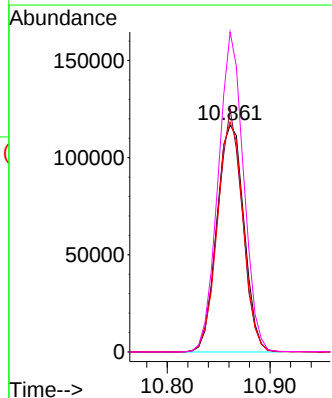
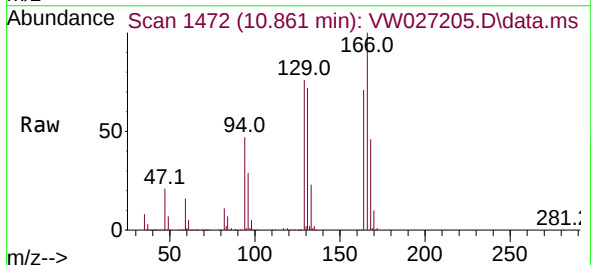
Ion	Ratio	Lower	Upper
97	100		
99	60.5	45.3	84.1
83	83.7	59.5	110.5
85	55.3	39.5	73.3

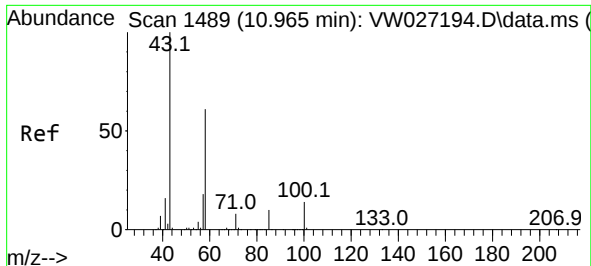


#46
Tetrachloroethene
Concen: 25.172 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Tgt Ion:164 Resp: 214474

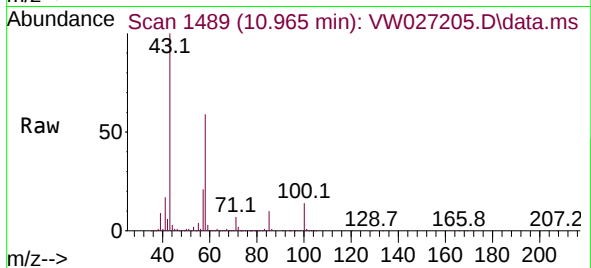
Ion	Ratio	Lower	Upper
164	100		
129	106.9	60.3	112.1
131	101.3	66.1	122.7
166	141.0	89.4	166.0



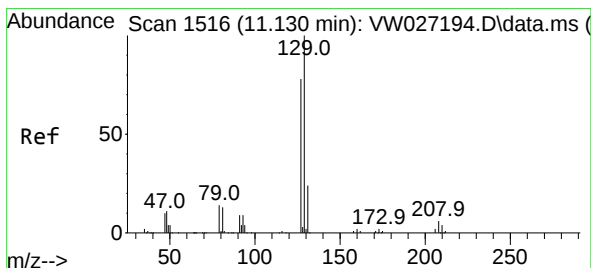
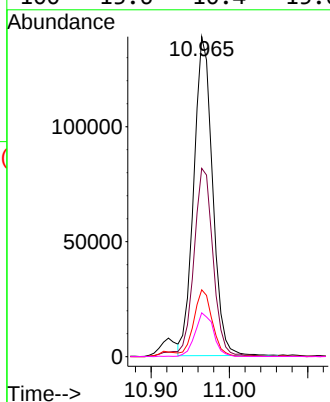
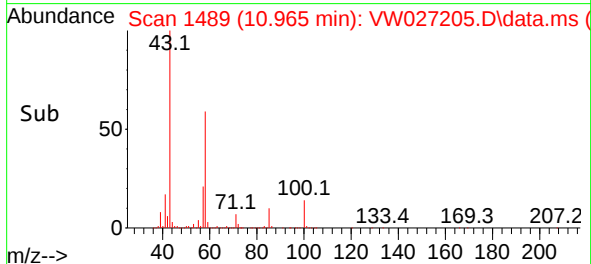


#48
2-Hexanone
Concen: 56.913 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

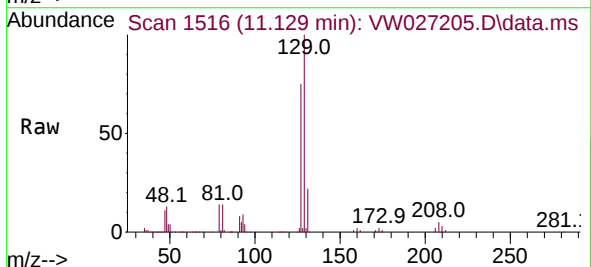
Instrument :
MSVOA_W
ClientSampleId :



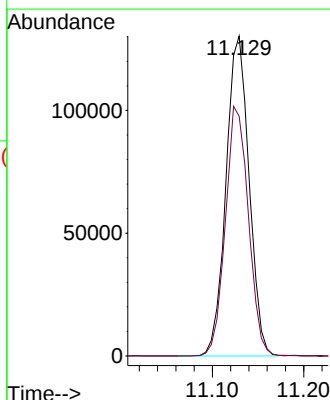
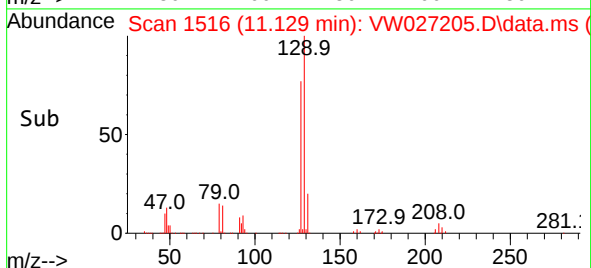
Tgt Ion: 43 Resp: 231501
Ion Ratio Lower Upper
43 100
58 58.5 47.2 70.8
57 20.6 15.9 23.9
100 13.6 10.4 15.6

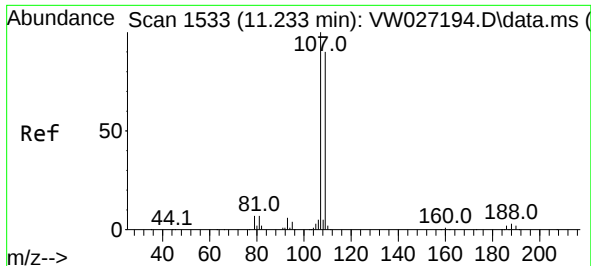


#49
Dibromochloromethane
Concen: 27.233 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43



Tgt Ion: 129 Resp: 228590
Ion Ratio Lower Upper
129 100
127 74.9 54.2 100.6





#50

1,2-Dibromoethane

Concen: 27.265 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

Instrument :

MSVOA_W

ClientSampleId :

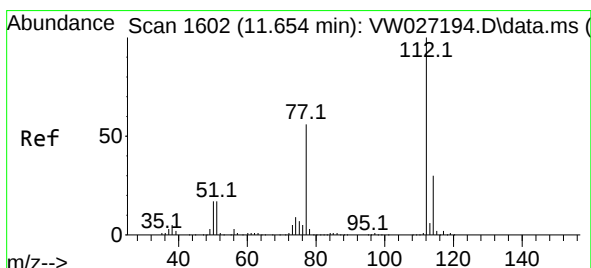
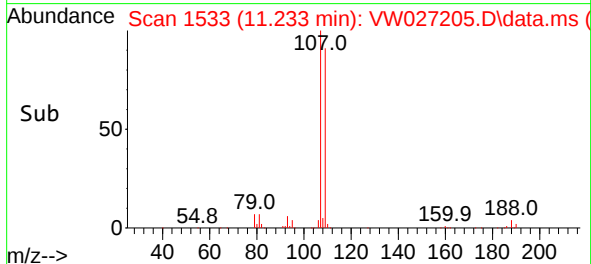
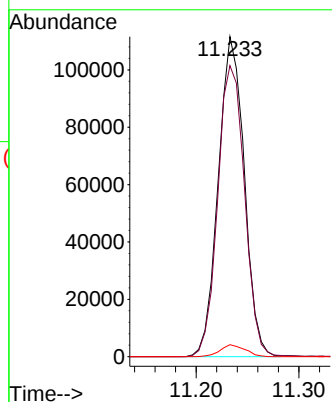
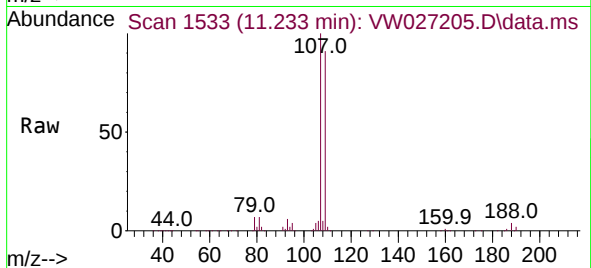
Tgt Ion:107 Resp: 195818

Ion Ratio Lower Upper

107 100

109 91.0 68.2 126.6

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 24.928 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

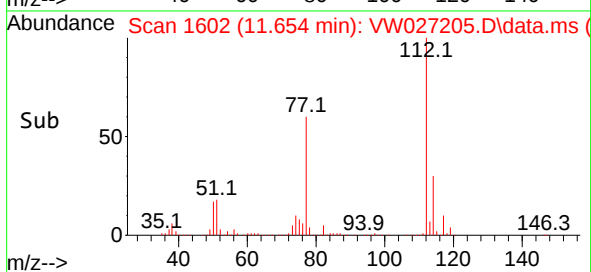
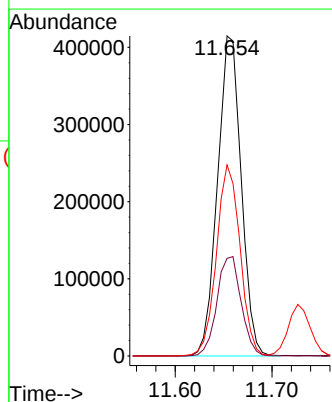
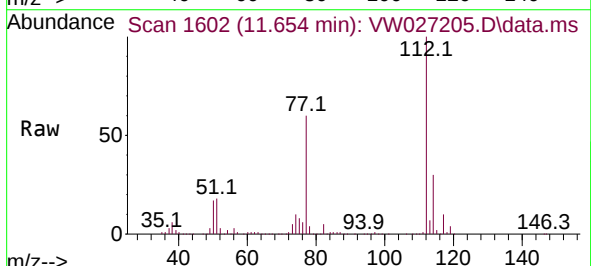
Tgt Ion:112 Resp: 705131

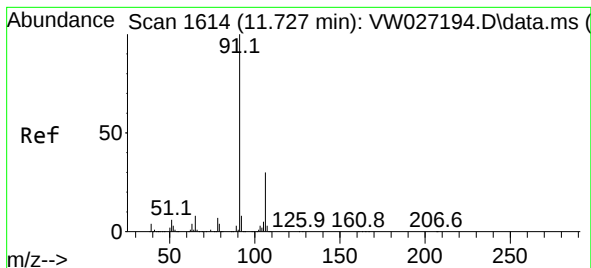
Ion Ratio Lower Upper

112 100

114 30.5 21.9 40.7

77 59.7 47.4 71.0

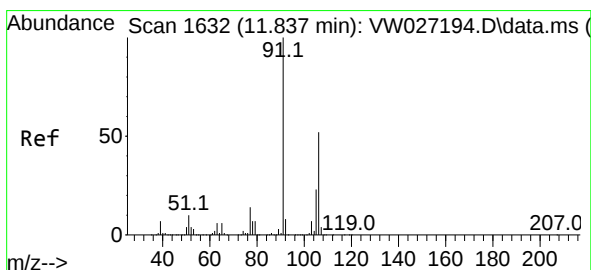
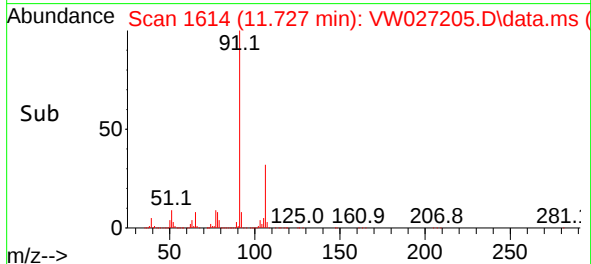
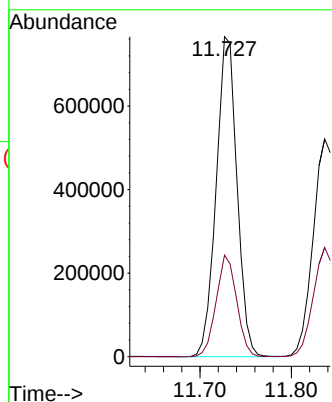
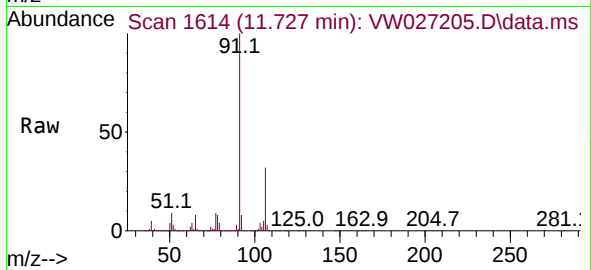




#52
Ethylbenzene
Concen: 25.376 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

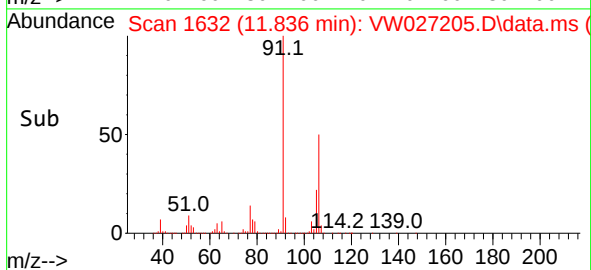
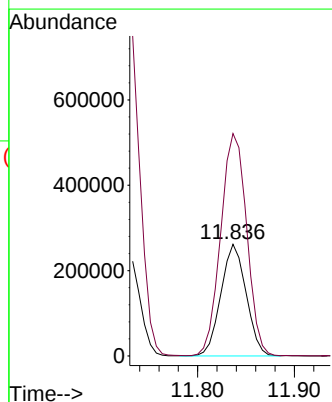
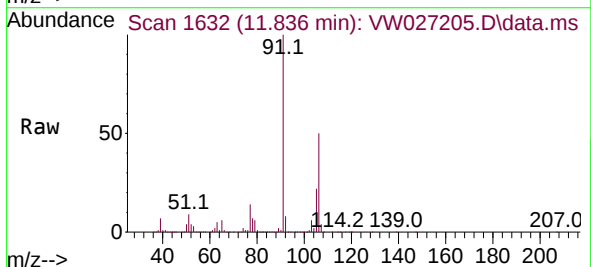
Instrument :
MSVOA_W
ClientSampleId :

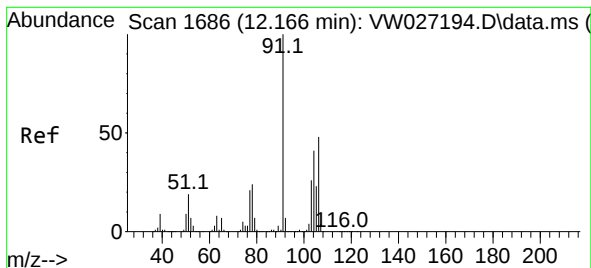
Tgt Ion: 91 Resp: 1215180
Ion Ratio Lower Upper
91 100
106 31.8 21.8 40.6



#53
m,p-Xylene
Concen: 25.817 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Tgt Ion:106 Resp: 474044
Ion Ratio Lower Upper
106 100
91 199.3 145.9 270.9





#54

o-Xylene

Concen: 26.761 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

Instrument :

MSVOA_W

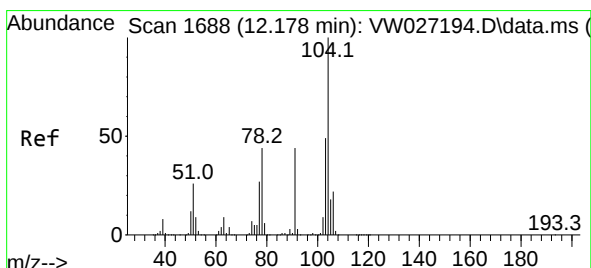
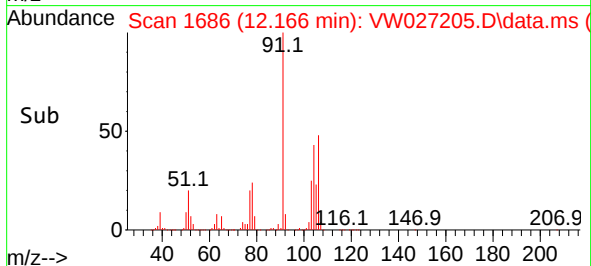
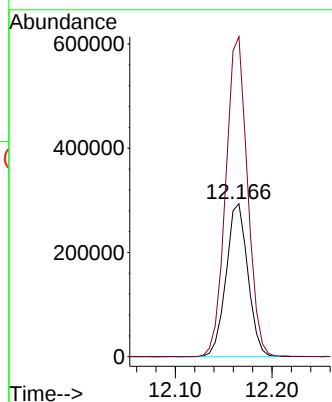
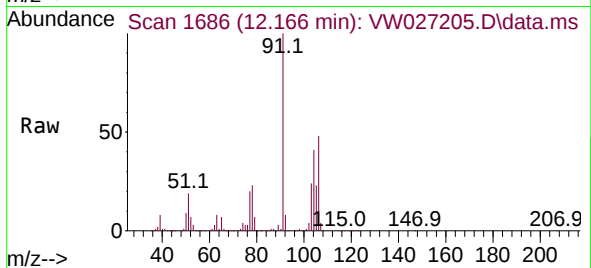
ClientSampleId :

Tgt Ion:106 Resp: 459028

Ion Ratio Lower Upper

106 100

91 209.1 149.5 277.7



#55

Styrene

Concen: 27.424 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027205.D

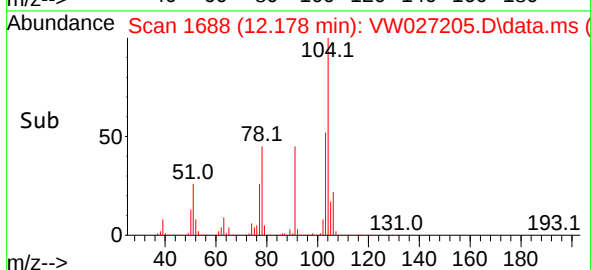
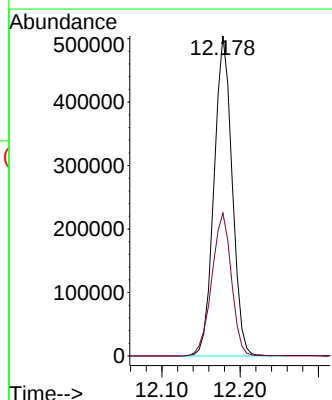
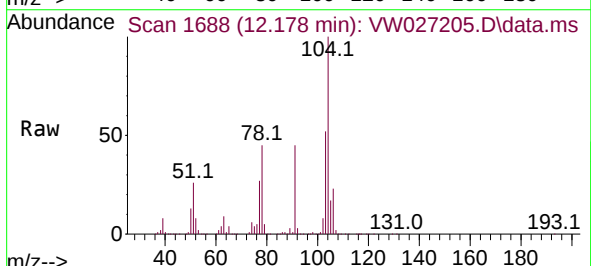
Acq: 03 Oct 2023 16:43

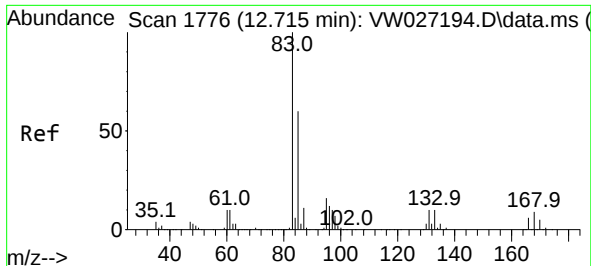
Tgt Ion:104 Resp: 809719

Ion Ratio Lower Upper

104 100

78 44.6 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.440 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

Instrument :

MSVOA_W

ClientSampleId :

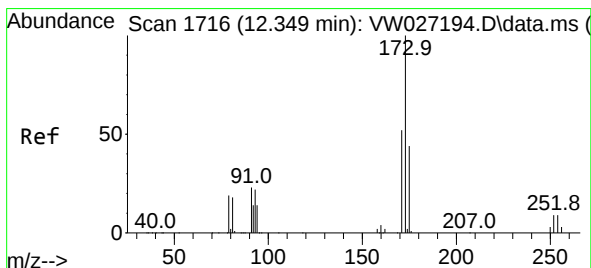
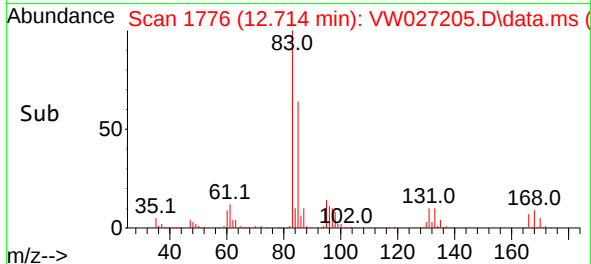
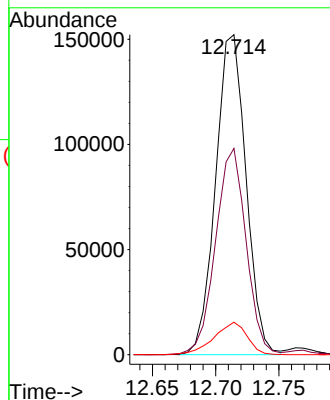
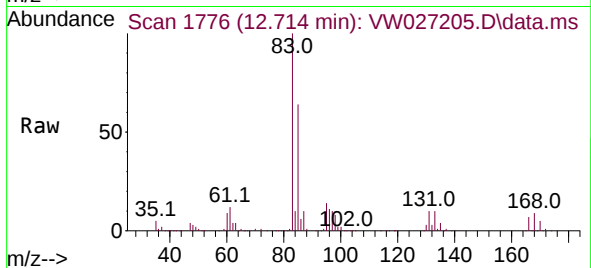
Tgt Ion: 83 Resp: 254739

Ion Ratio Lower Upper

83 100

85 64.4 43.5 80.7

131 10.1 7.6 11.4



#59

Bromoform

Concen: 25.410 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

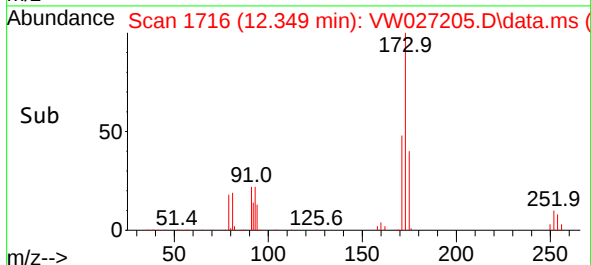
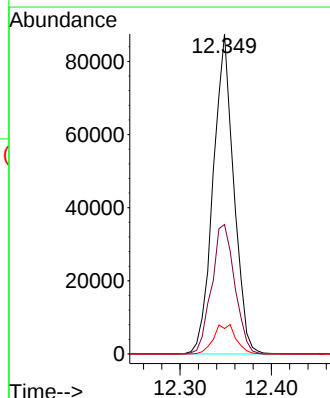
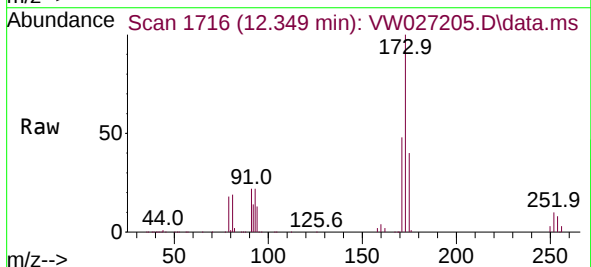
Tgt Ion:173 Resp: 136920

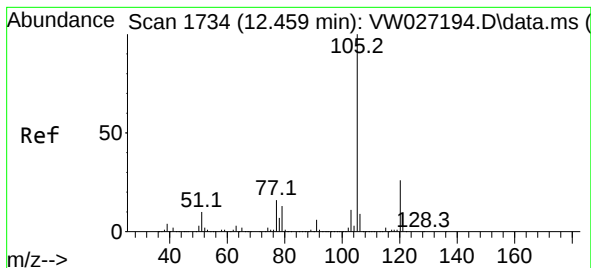
Ion Ratio Lower Upper

173 100

175 45.3 37.1 55.7

254 10.0 7.2 10.8

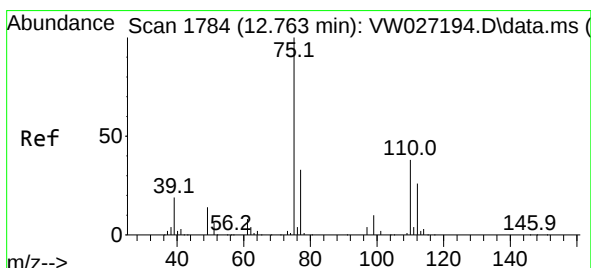
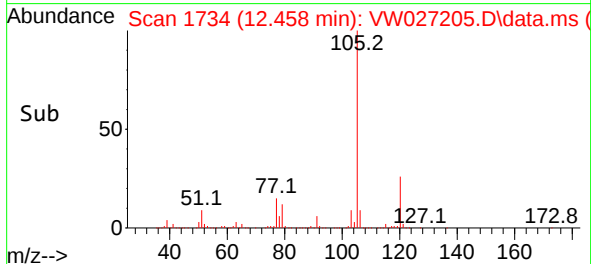
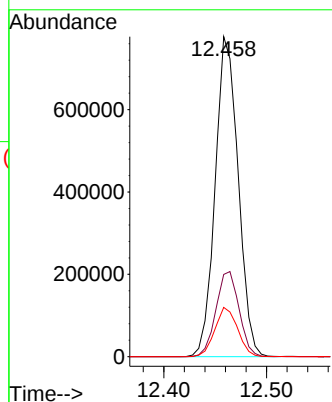
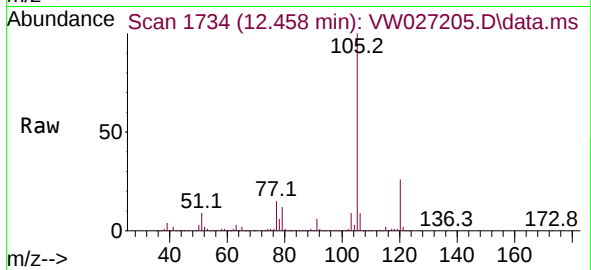




#60
Isopropylbenzene
Concen: 24.010 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

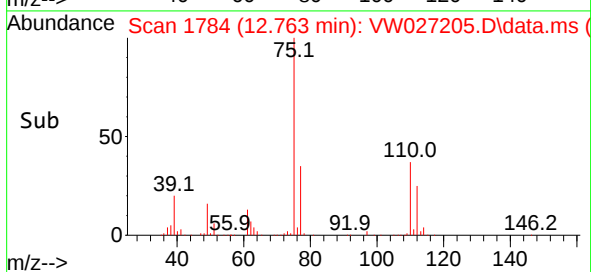
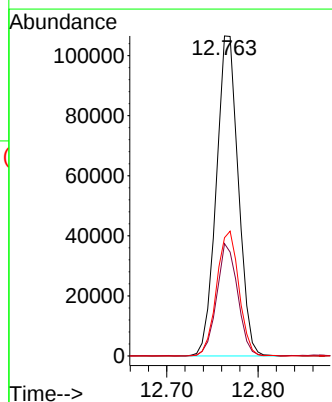
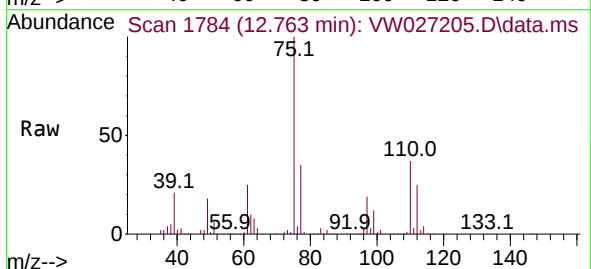
Instrument :
MSVOA_W
ClientSampleId :

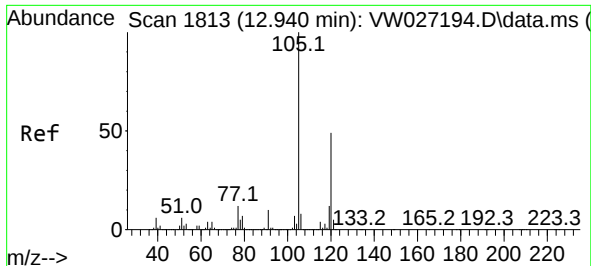
Tgt Ion:105 Resp: 1206457
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.6
77 15.2 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 25.506 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Tgt Ion: 75 Resp: 178189
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 39.3 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 25.479 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

Instrument :

MSVOA_W

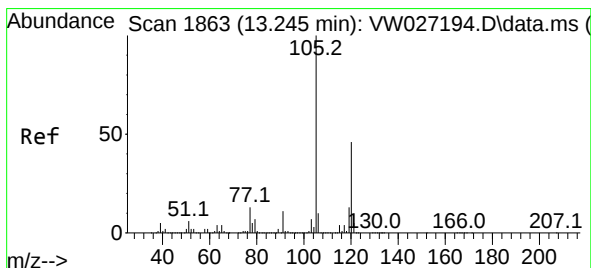
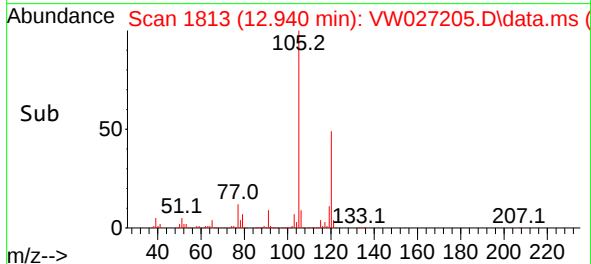
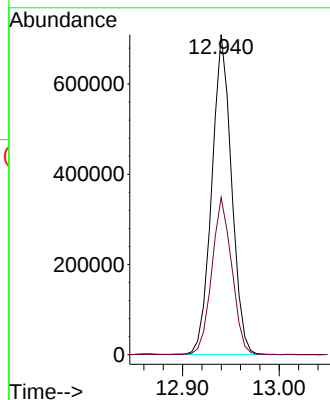
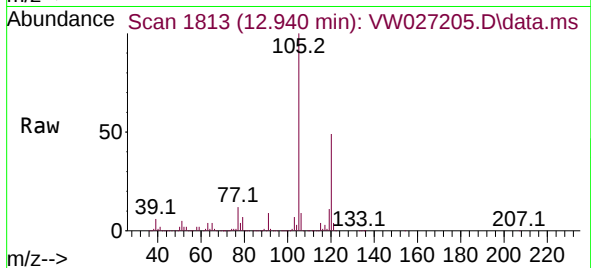
ClientSampleId :

Tgt Ion:105 Resp: 1003763

Ion Ratio Lower Upper

105 100

120 49.7 40.8 61.2



#63

1,2,4-Trimethylbenzene

Concen: 25.248 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027205.D

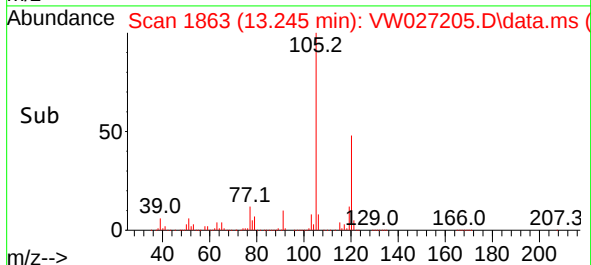
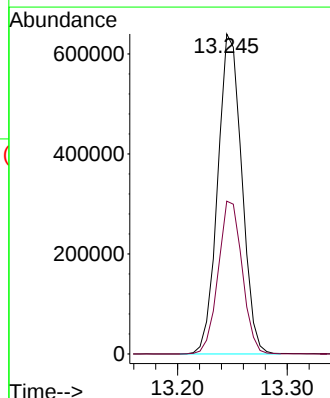
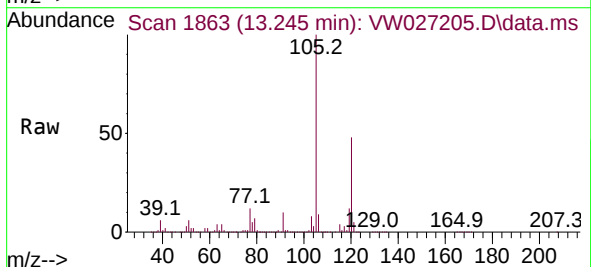
Acq: 03 Oct 2023 16:43

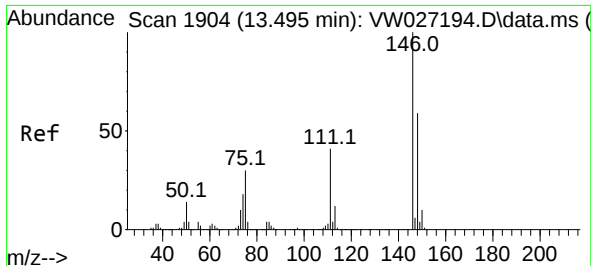
Tgt Ion:105 Resp: 974752

Ion Ratio Lower Upper

105 100

120 47.7 36.8 55.2

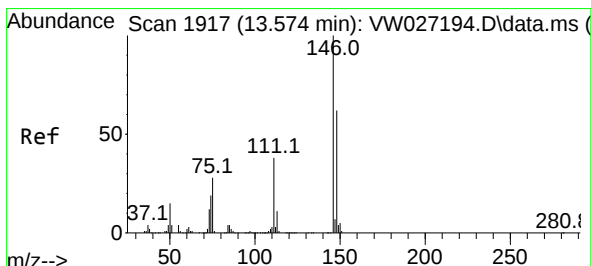
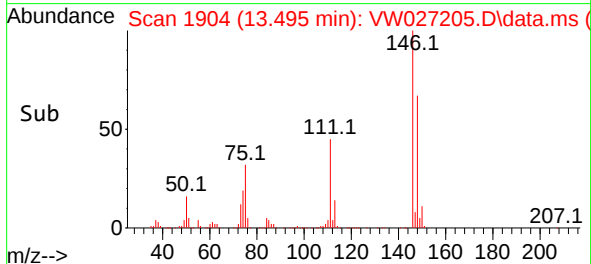
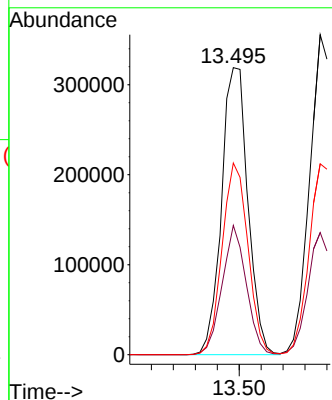
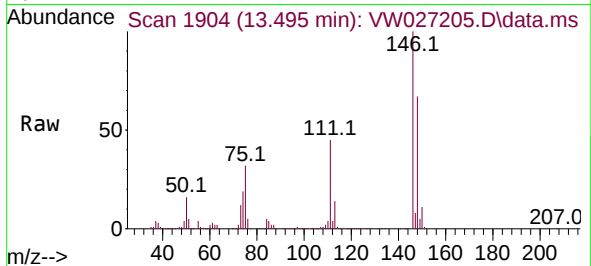




#64
1,3-Dichlorobenzene
Concen: 23.009 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

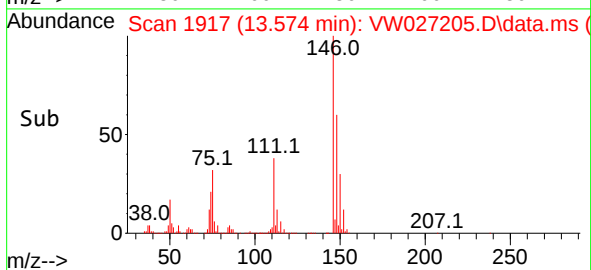
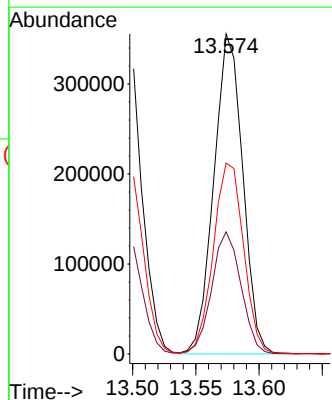
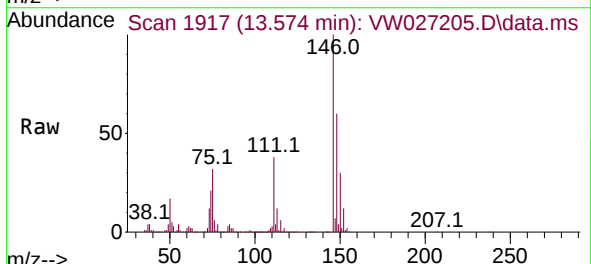
Instrument :
MSVOA_W
ClientSampleId :

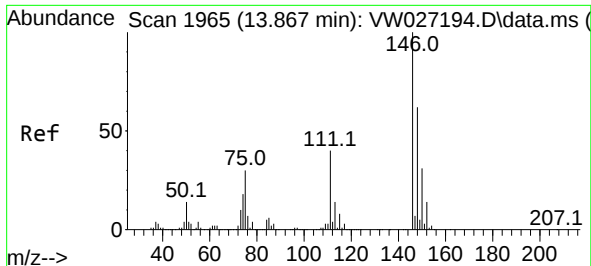
Tgt Ion:146 Resp: 533598
Ion Ratio Lower Upper
146 100
111 45.1 26.9 50.1
148 66.8 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 24.244 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027205.D
Acq: 03 Oct 2023 16:43

Tgt Ion:146 Resp: 564884
Ion Ratio Lower Upper
146 100
111 38.1 26.9 50.1
148 59.6 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 24.471 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

Instrument :

MSVOA_W

ClientSampleId :

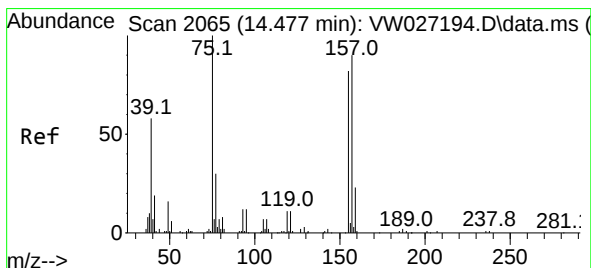
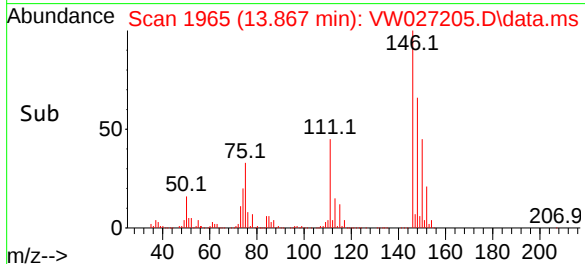
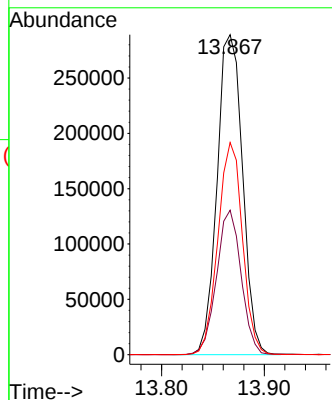
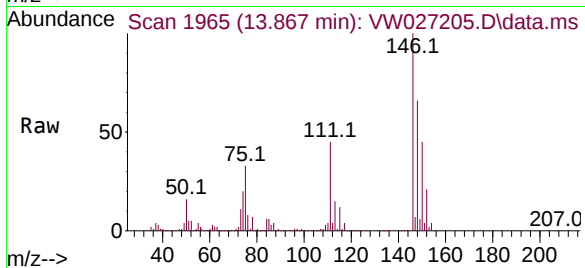
Tgt Ion:146 Resp: 497431

Ion Ratio Lower Upper

146 100

111 45.2 35.6 53.4

148 66.3 58.4 87.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.270 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

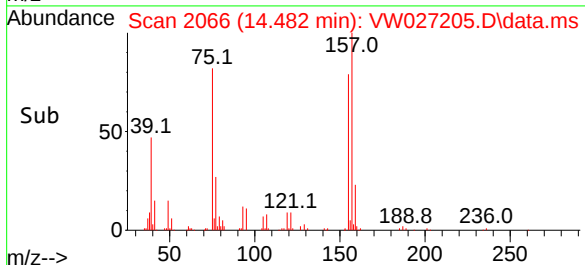
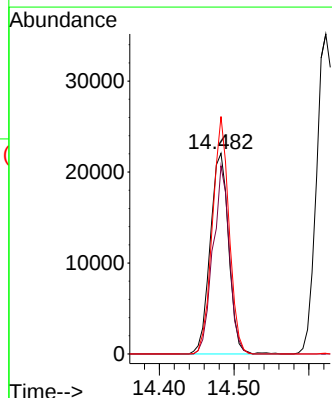
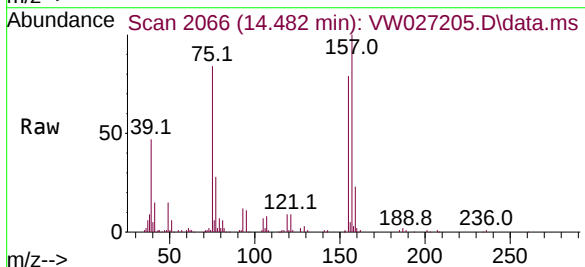
Tgt Ion: 75 Resp: 37816

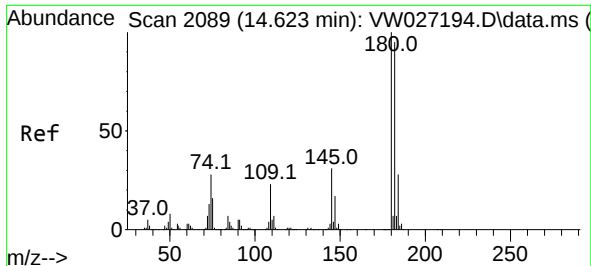
Ion Ratio Lower Upper

75 100

155 93.8 56.5 84.7#

157 118.4 75.9 113.9#





#69

1,3,5-Trichlorobenzene

Concen: 22.744 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

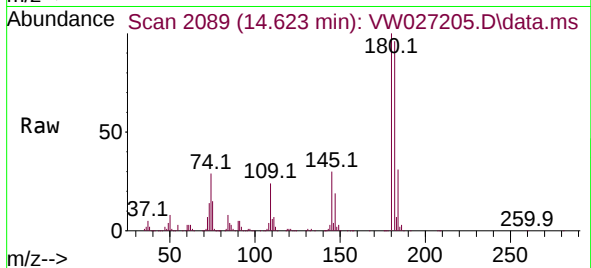
Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 339643

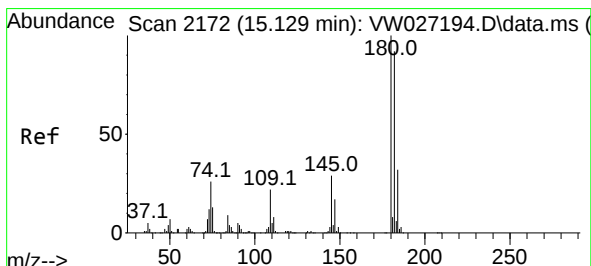
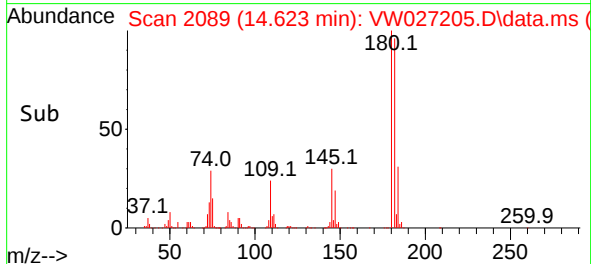
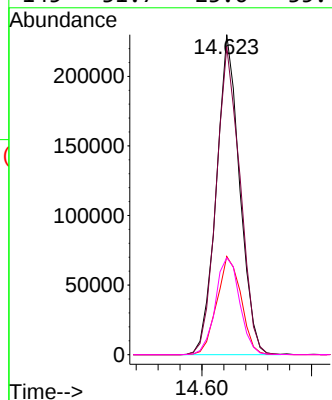
Ion Ratio Lower Upper

180 100

182 98.6 70.2 105.2

184 31.8 24.6 37.0

145 31.7 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 24.090 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

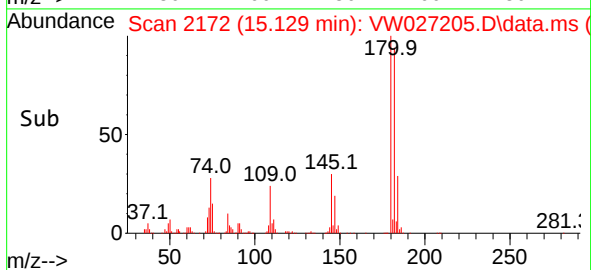
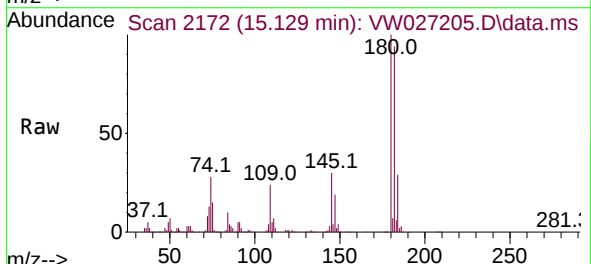
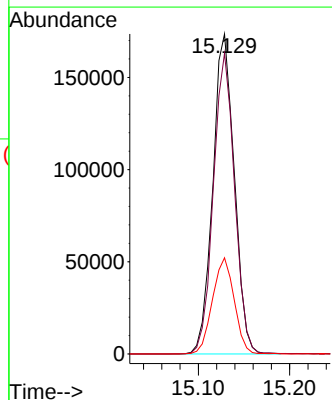
Tgt Ion:180 Resp: 283822

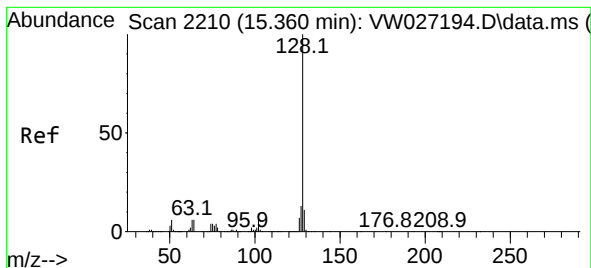
Ion Ratio Lower Upper

180 100

182 92.7 77.4 116.2

145 30.4 24.3 36.5





#71

Naphthalene

Concen: 23.777 ug/L

RT: 15.366 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

Instrument :

MSVOA_W

ClientSampleId :

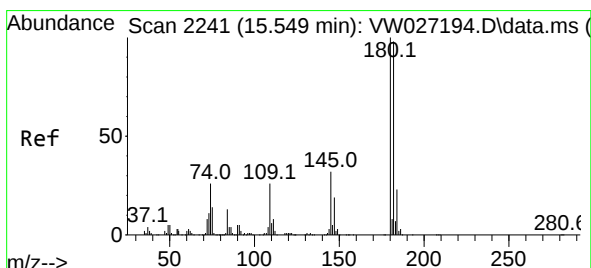
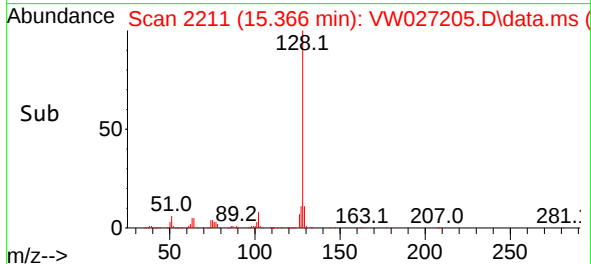
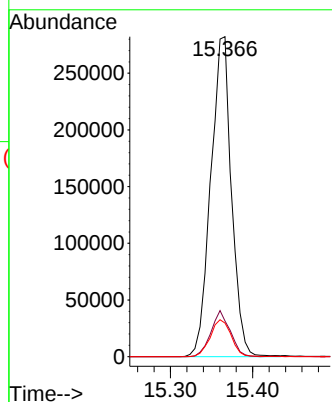
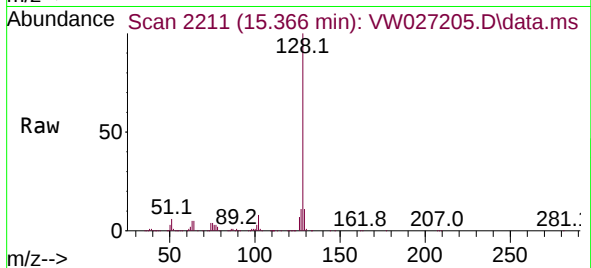
Tgt Ion:128 Resp: 494262

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.174 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027205.D

Acq: 03 Oct 2023 16:43

Tgt Ion:180 Resp: 252814

Ion Ratio Lower Upper

180 100

182 93.1 74.7 112.1

145 32.6 26.4 39.6

