

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW026330.D
 Acq On : 26 Jun 2023 12:00
 Operator : SY/MD
 Sample : VSTD02567
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025467

Quant Time: Jun 27 01:26:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:25:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	697665	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	628552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	319544	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	257225	25.385	ug/L	0.00
7) Chloroethane-d5	2.899	69	169989	23.554	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	109750	23.918	ug/L	0.00
21) 2-Butanone-d5	7.081	46	142830	44.945	ug/L	0.00
24) Chloroform-d	7.648	84	455872	23.059	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	254625	22.922	ug/L	0.00
32) Benzene-d6	8.276	84	922741	23.717	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	289874	22.929	ug/L	0.00
41) Toluene-d8	10.325	98	818697	24.041	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	119071	23.458	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	90729	46.730	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231908	23.300	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	244027	21.933	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	156173	18.926	ug/L	# 80
3) Chloromethane	2.229	50	313257	25.832	ug/L	100
5) Vinyl chloride	2.375	62	321518	25.500	ug/L	100
6) Bromomethane	2.789	94	171546	24.788	ug/L	100
8) Chloroethane	2.930	64	160844	23.790	ug/L	100
9) Trichlorofluoromethane	3.265	101	217880	24.499	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	235219	24.751	ug/L	100
12) 1,1-Dichloroethene	4.045	96	223373	24.762	ug/L	100
13) Acetone	4.125	43	110896	43.495	ug/L	100
14) Carbon disulfide	4.393	76	803864	25.218	ug/L	100
15) Methyl Acetate	4.673	43	144548	24.974	ug/L	100
16) Methylene chloride	4.917	84	264994	22.387	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	245921	24.758	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	390576	25.186	ug/L	100
19) 1,1-Dichloroethane	6.216	63	498637	24.013	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	263408	24.583	ug/L	100
22) 2-Butanone	7.173	43	188051	48.207	ug/L	100
23) Bromochloromethane	7.514	128	111700	24.305	ug/L	100
25) Chloroform	7.679	83	468249	24.331	ug/L	100
27) 1,2-Dichloroethane	8.398	62	337090	24.408	ug/L	100
29) Cyclohexane	7.959	56	474421	26.138	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	368784	24.253	ug/L	100
31) Carbon tetrachloride	8.069	117	326676	23.899	ug/L	100
33) Benzene	8.325	78	1051090	24.757	ug/L	100
34) Trichloroethene	9.093	95	265871	24.458	ug/L	100
35) Methylcyclohexane	9.337	83	482160	25.864	ug/L	100
37) 1,2-Dichloropropane	9.368	63	290896	24.818	ug/L	100
38) Bromodichloromethane	9.642	83	332718	24.425	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	434067	25.541	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	405307	52.936	ug/L	100
42) Toluene	10.386	91	1088930	25.567	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	358267	24.974	ug/L	100

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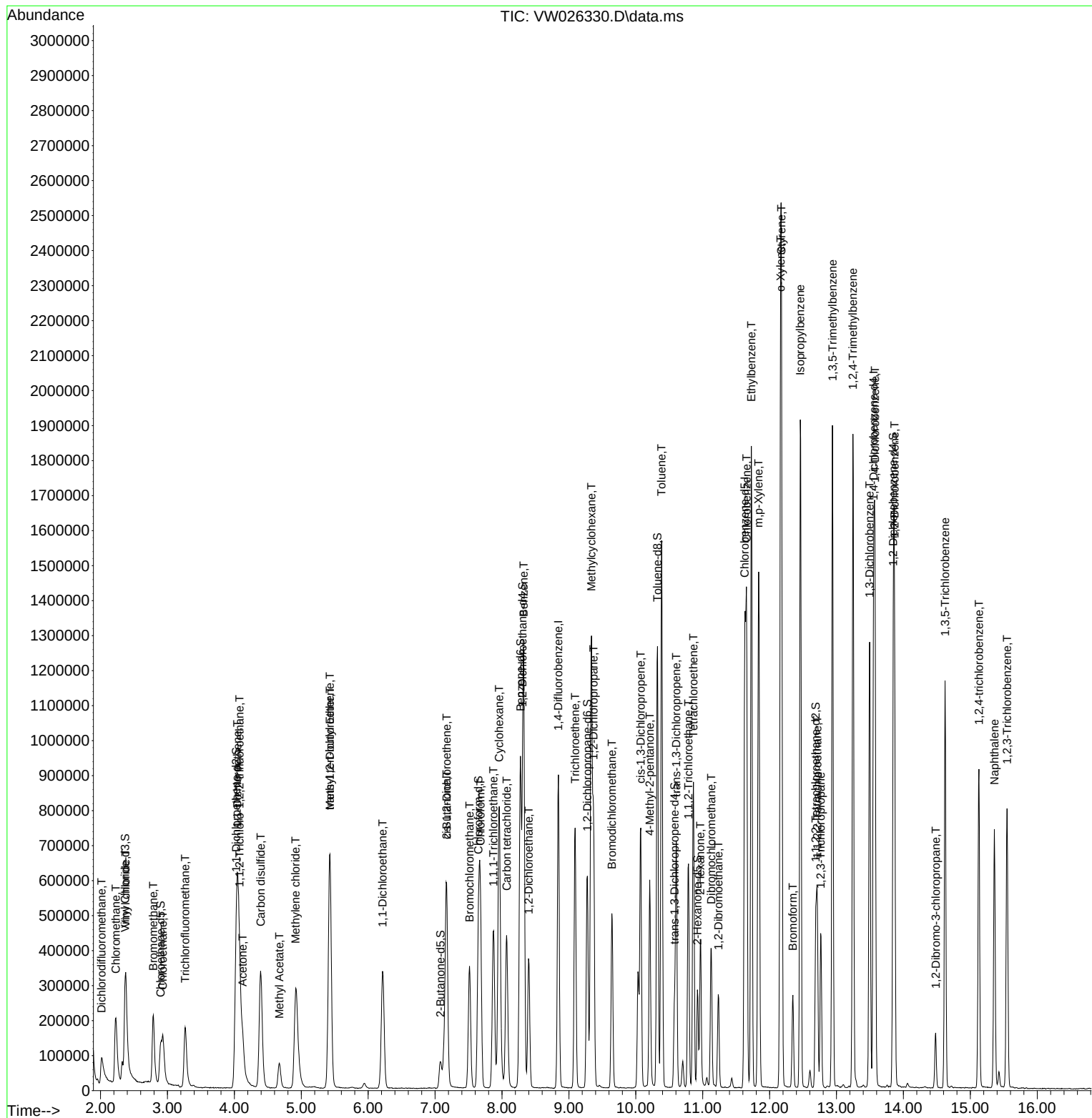
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	195108	24.566	ug/L	100
46) Tetrachloroethene	10.861	164	180545	23.574	ug/L	100
48) 2-Hexanone	10.965	43	284660	52.691	ug/L	100
49) Dibromochloromethane	11.129	129	199733	24.560	ug/L	100
50) 1,2-Dibromoethane	11.233	107	182404	25.015	ug/L	100
51) Chlorobenzene	11.654	112	655296	24.131	ug/L	100
52) Ethylbenzene	11.727	91	1229576	25.620	ug/L	100
53) m,p-Xylene	11.837	106	448045	25.598	ug/L	100
54) o-Xylene	12.166	106	421505	25.577	ug/L	100
55) Styrene	12.178	104	744854	25.914	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	247254	24.906	ug/L	100
59) Bromoform	12.349	173	112785	23.332	ug/L	100
60) Isopropylbenzene	12.458	105	1175149	24.469	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	183272	23.594	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	940118	25.252	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	944059	26.292	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	489883	23.815	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	483299	23.477	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	431806	23.569	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	41151	23.028	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	313999	23.755	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	273005	25.238	ug/L	100
71) Naphthalene	15.360	128	560573	25.779	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	240948	23.858	ug/L	100

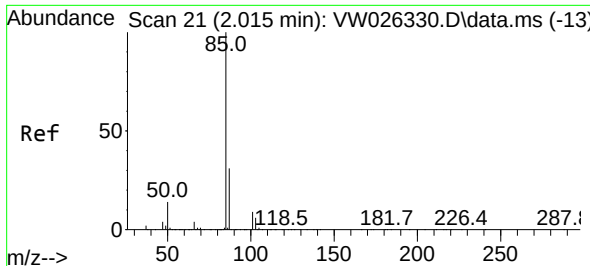
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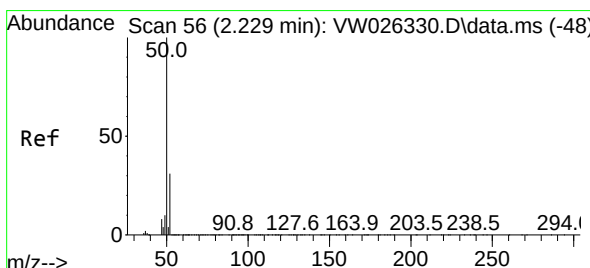
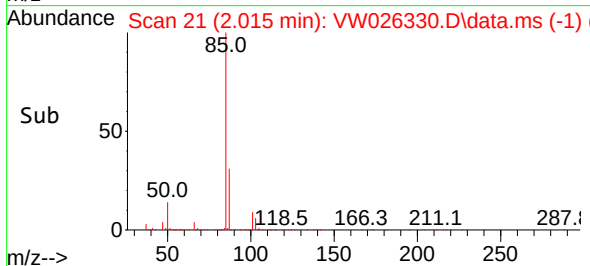
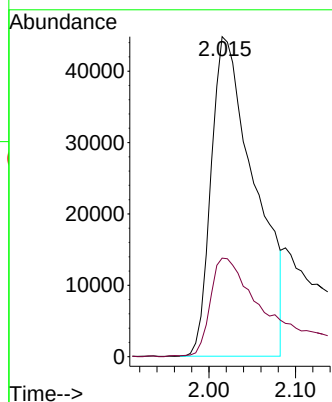
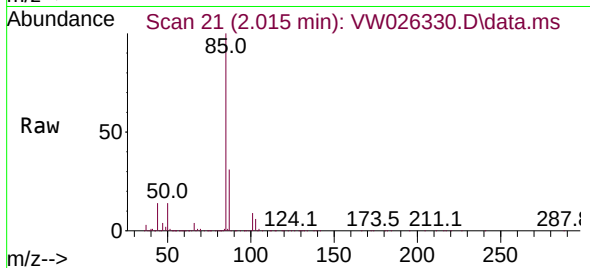




#2
 Dichlorodifluoromethane
 Concen: 18.926 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026330.D
 Acq: 26 Jun 2023 12:00

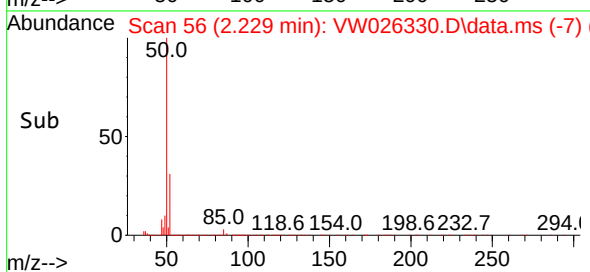
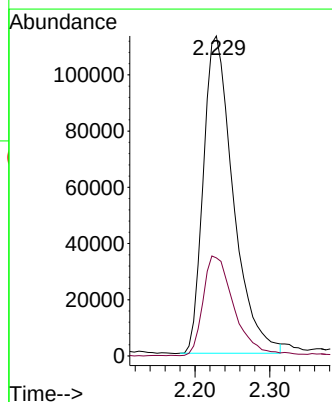
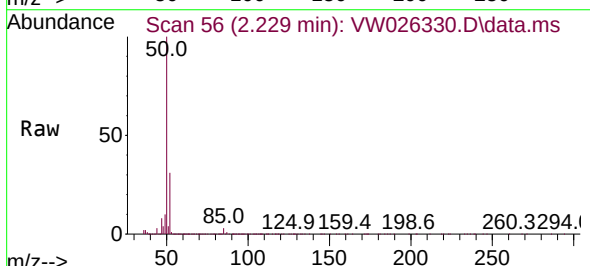
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025467

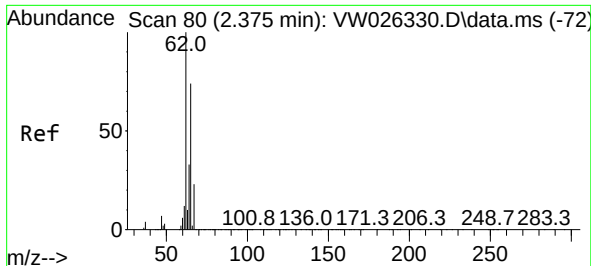
Tgt Ion: 85 Resp: 156173
 Ion Ratio Lower Upper
 85 100
 87 42.7 25.2 37.8#



#3
 Chloromethane
 Concen: 25.832 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW026330.D
 Acq: 26 Jun 2023 12:00

Tgt Ion: 50 Resp: 313257
 Ion Ratio Lower Upper
 50 100
 52 30.6 21.4 39.8

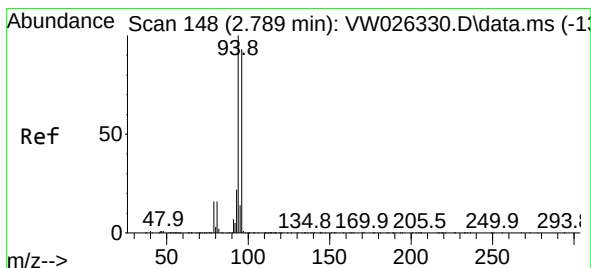
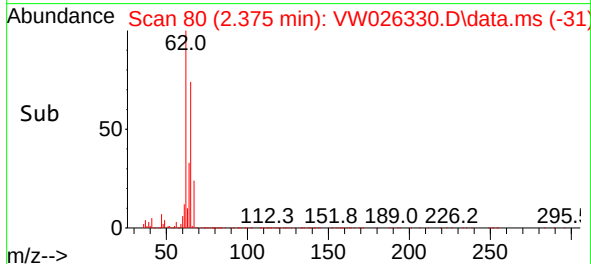
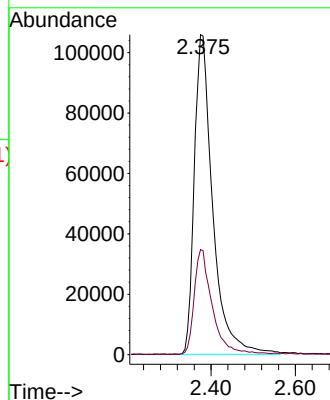
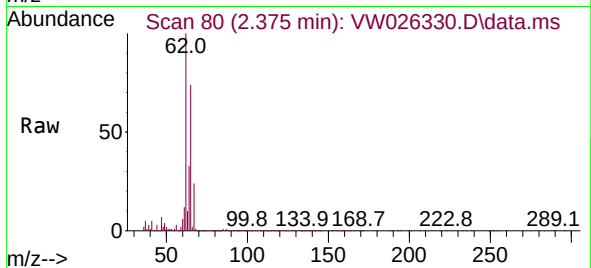




#5
 Vinyl chloride
 Concen: 25.500 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026330.D
 Acq: 26 Jun 2023 12:00

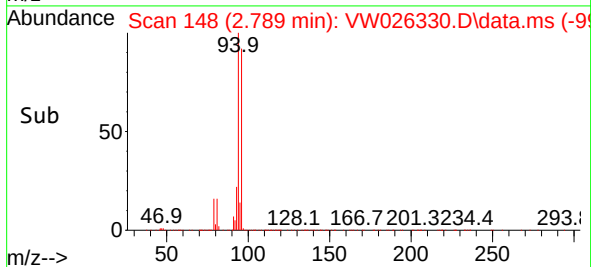
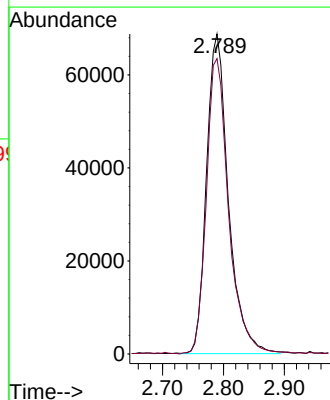
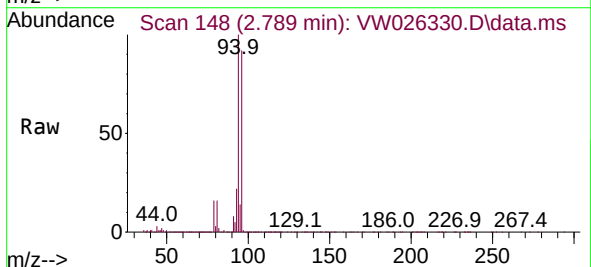
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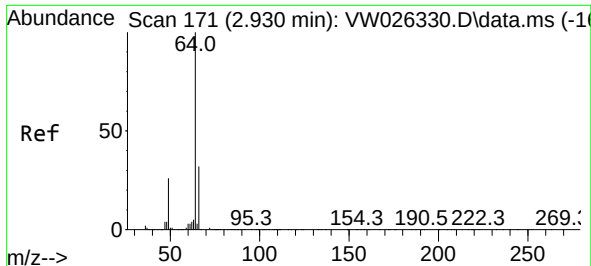
Tgt Ion: 62 Resp: 321518
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 24.788 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW026330.D
 Acq: 26 Jun 2023 12:00

Tgt Ion: 94 Resp: 171546
 Ion Ratio Lower Upper
 94 100
 96 92.3 64.6 120.0

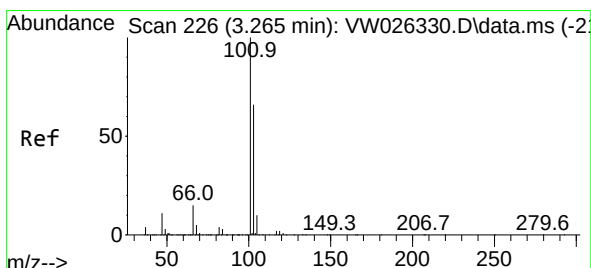
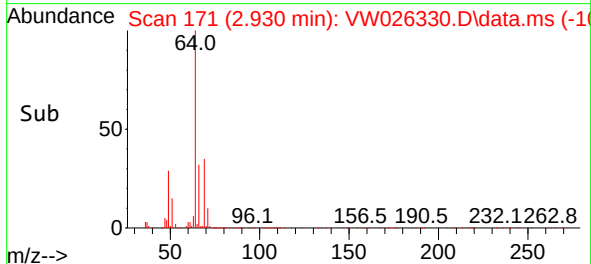
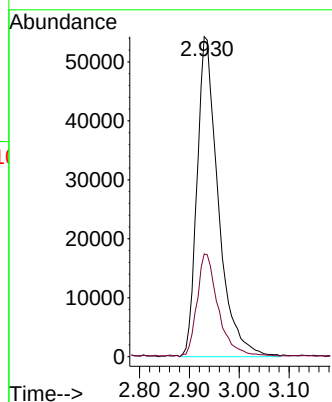
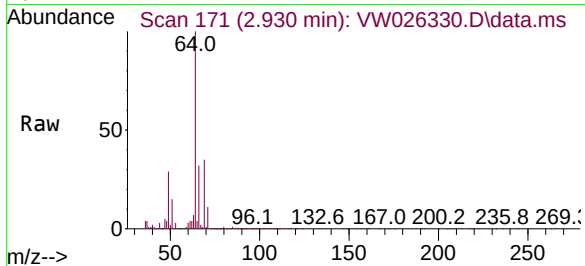




#8
Chloroethane
Concen: 23.790 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

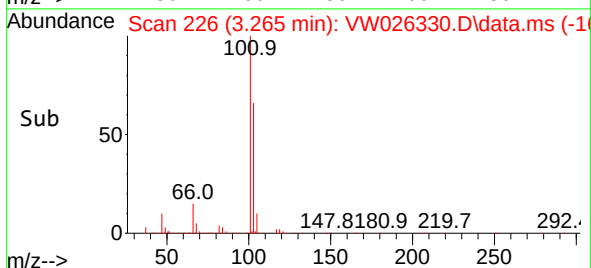
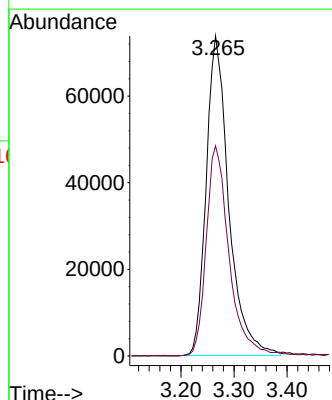
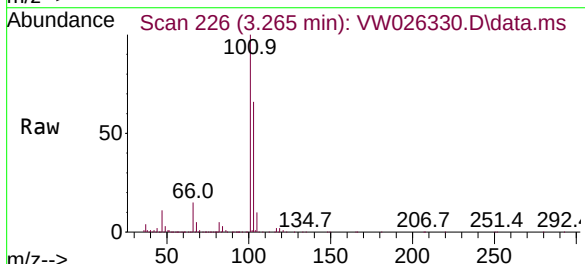
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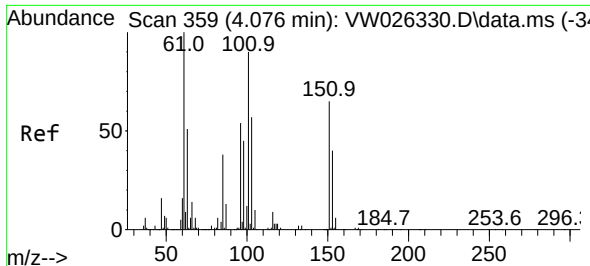
Tgt Ion: 64 Resp: 160844
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 24.499 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion: 101 Resp: 217880
Ion Ratio Lower Upper
101 100
103 66.1 52.9 79.3

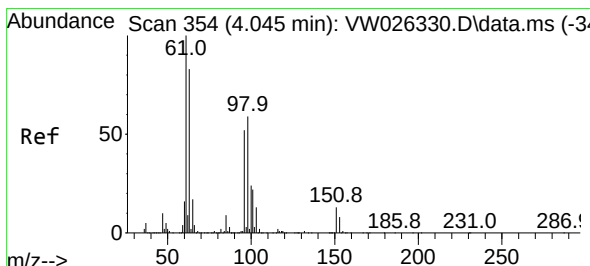
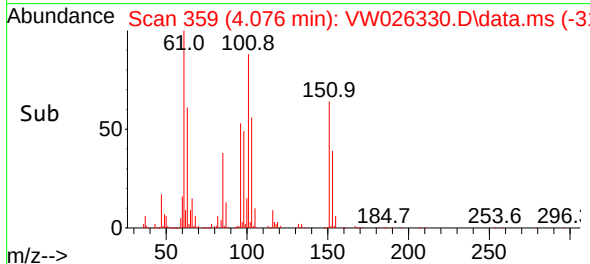
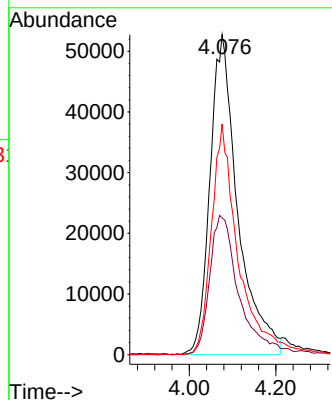
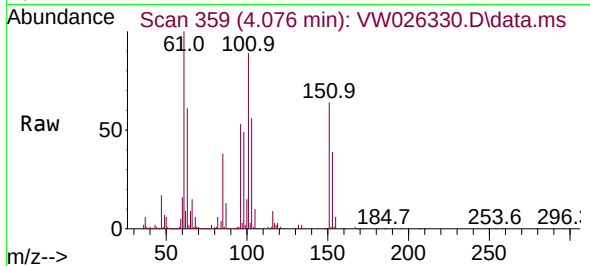




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.751 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW026330.D
 Acq: 26 Jun 2023 12:00

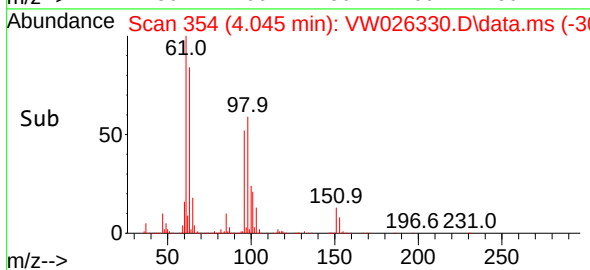
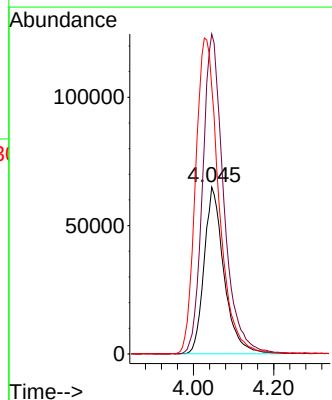
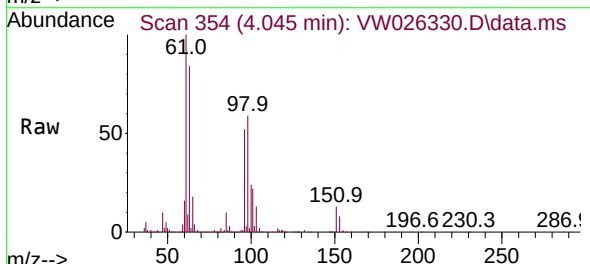
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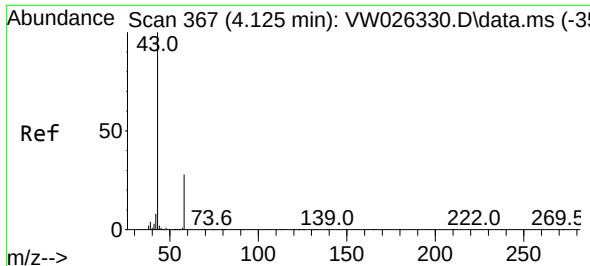
Tgt Ion:101 Resp: 235219
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.4 53.0
 151 70.1 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 24.762 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW026330.D
 Acq: 26 Jun 2023 12:00

Tgt Ion: 96 Resp: 223373
 Ion Ratio Lower Upper
 96 100
 61 191.8 134.3 249.3
 63 160.4 112.3 208.5

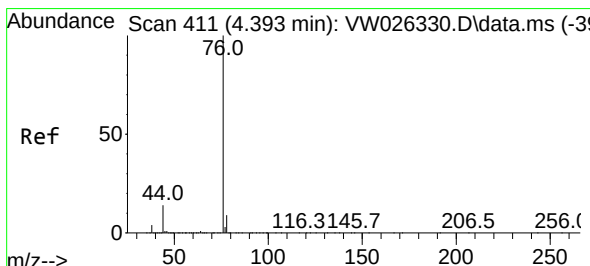
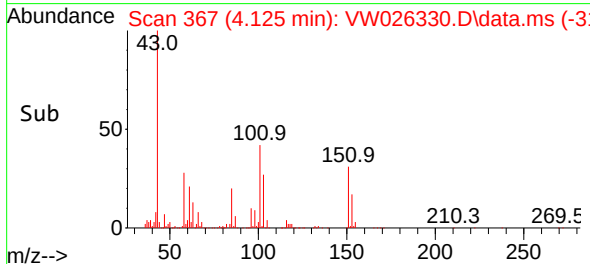
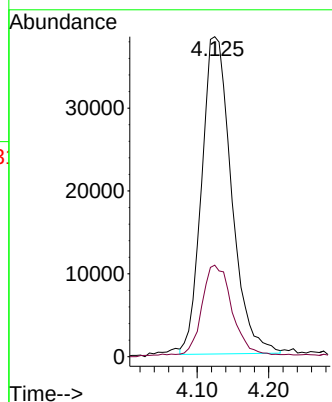
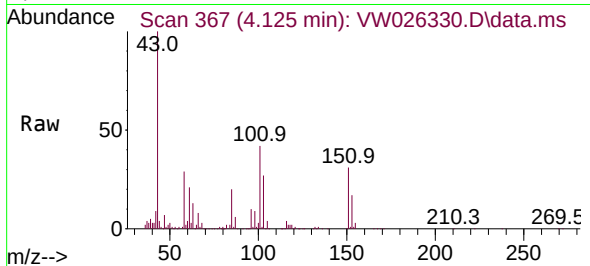




#13
Acetone
Concen: 43.495 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

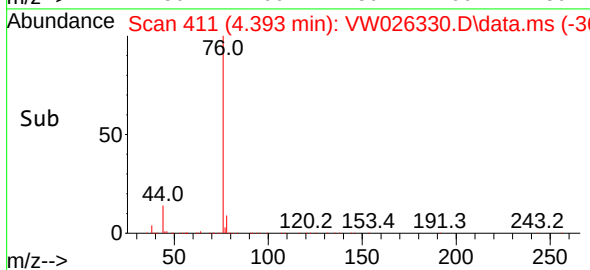
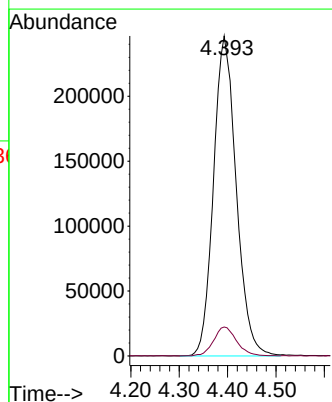
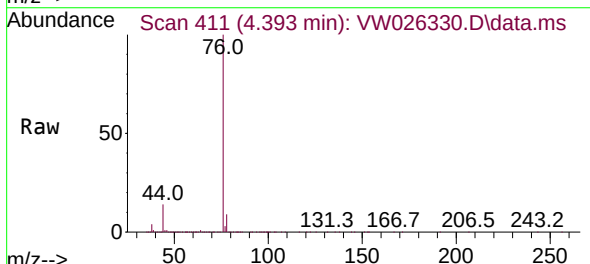
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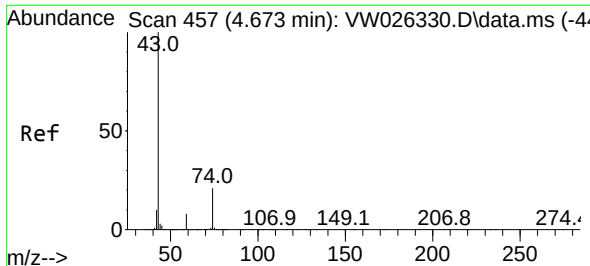
Tgt Ion: 43 Resp: 110896
Ion Ratio Lower Upper
43 100
58 27.9 0.0 55.8



#14
Carbon disulfide
Concen: 25.218 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion: 76 Resp: 803864
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

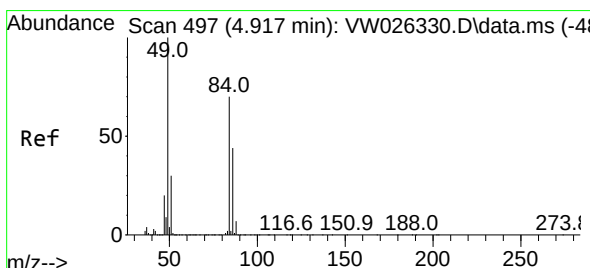
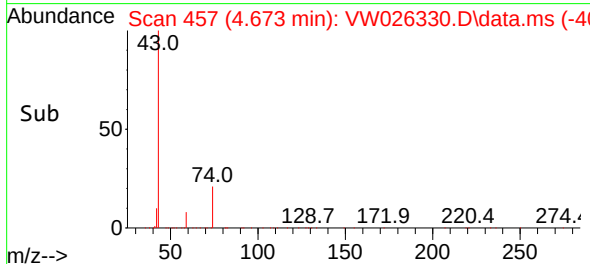
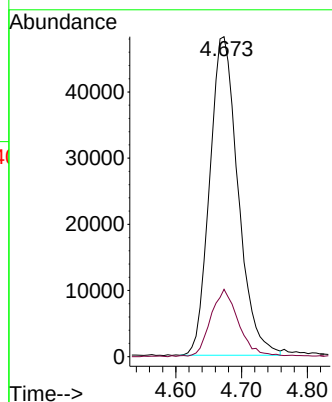
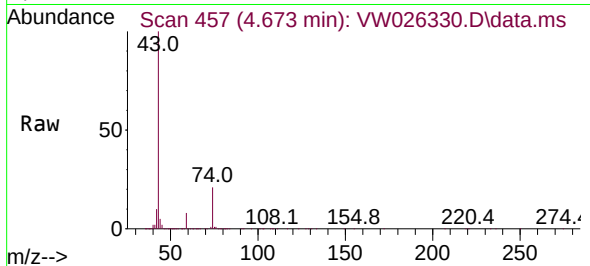




#15
Methyl Acetate
Concen: 24.974 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

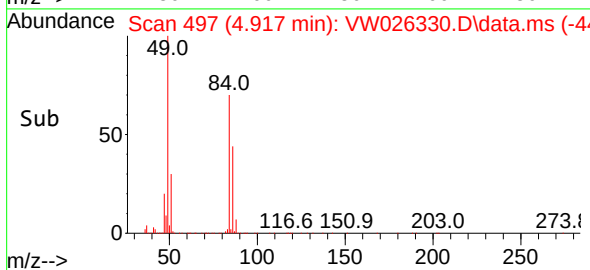
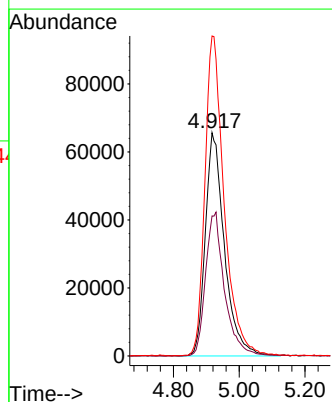
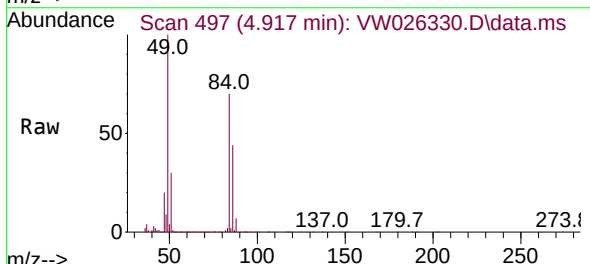
Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

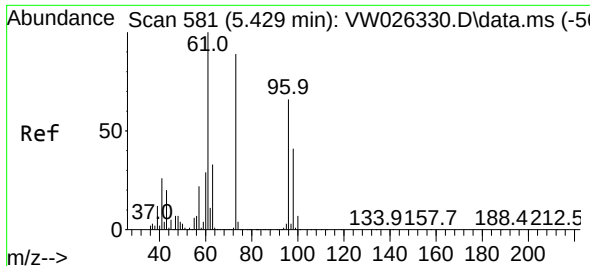
Tgt Ion: 43 Resp: 144548
Ion Ratio Lower Upper
43 100
74 20.4 16.3 24.5



#16
Methylene chloride
Concen: 22.387 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion: 84 Resp: 264994
Ion Ratio Lower Upper
84 100
86 62.7 43.9 81.5
49 143.4 100.4 186.4



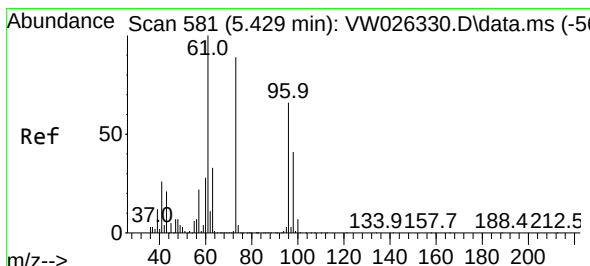
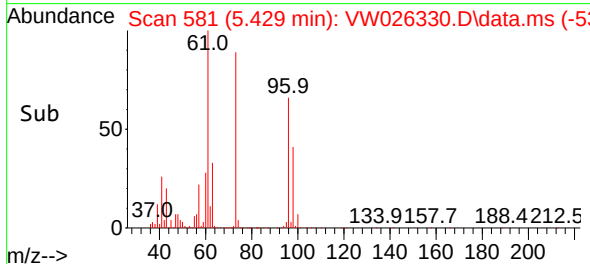
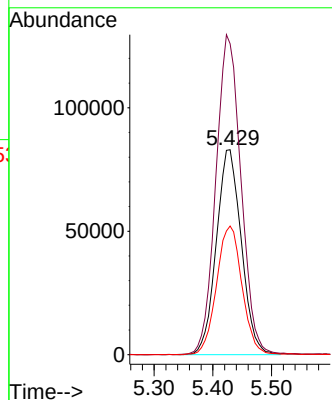
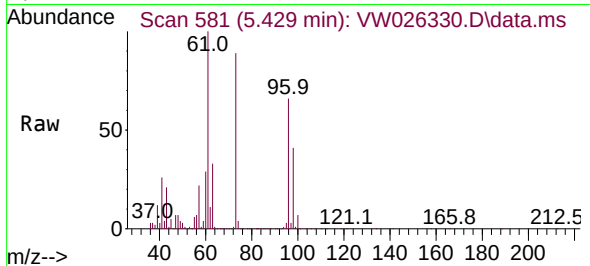


#17
trans-1,2-Dichloroethene
Concen: 24.758 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

Tgt Ion: 96 Resp: 245921

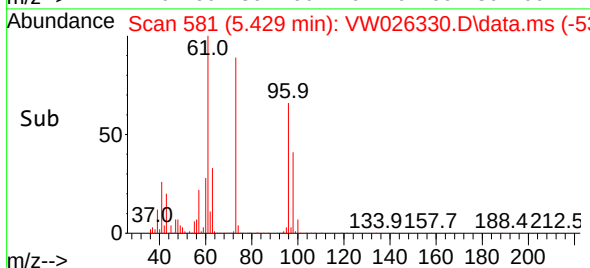
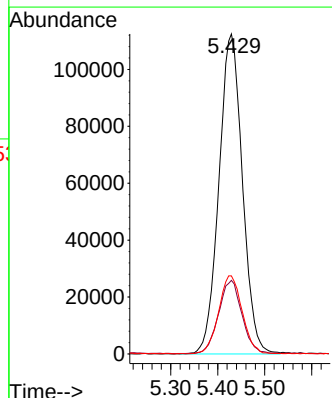
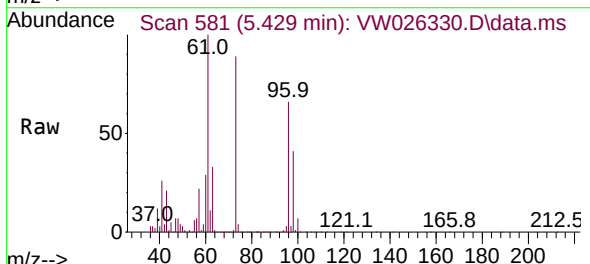
Ion	Ratio	Lower	Upper
96	100		
61	151.6	106.1	197.1
98	62.7	43.9	81.5

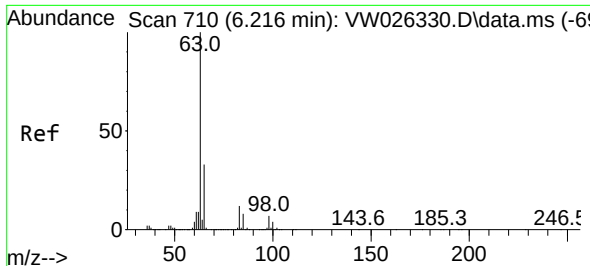


#18
Methyl tert-butyl Ether
Concen: 25.186 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion: 73 Resp: 390576

Ion	Ratio	Lower	Upper
73	100		
43	22.6	18.1	27.1
57	24.4	19.5	29.3





#19

1,1-Dichloroethane

Concen: 24.013 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025467

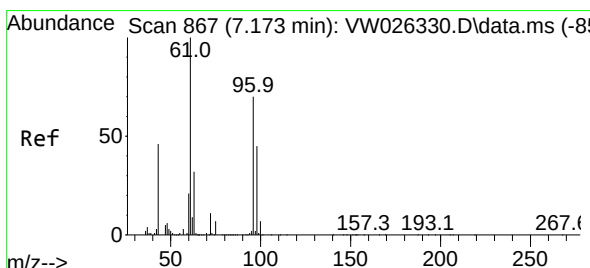
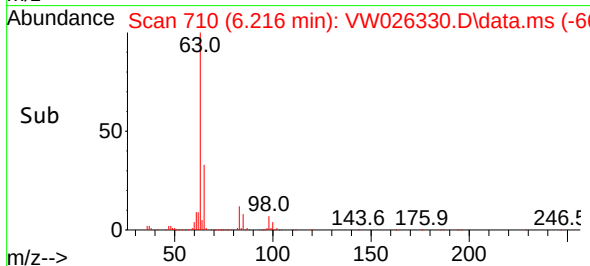
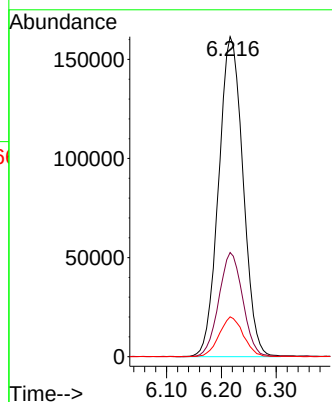
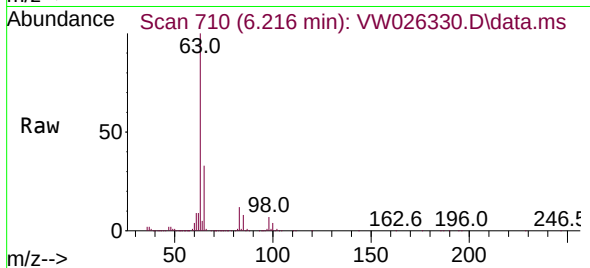
Tgt Ion: 63 Resp: 498637

Ion Ratio Lower Upper

63 100

65 32.6 22.8 42.4

83 12.4 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 24.583 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

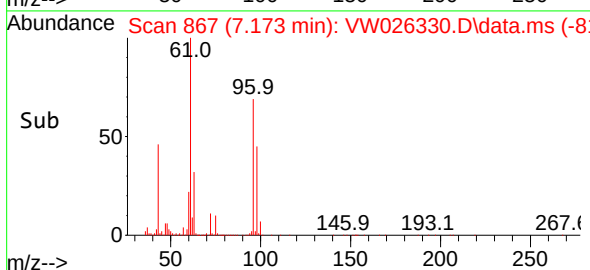
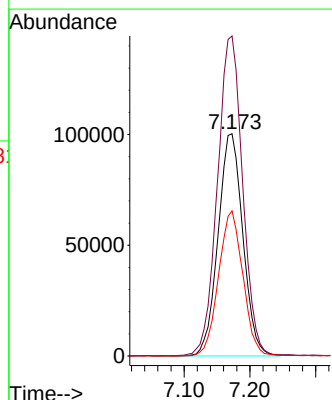
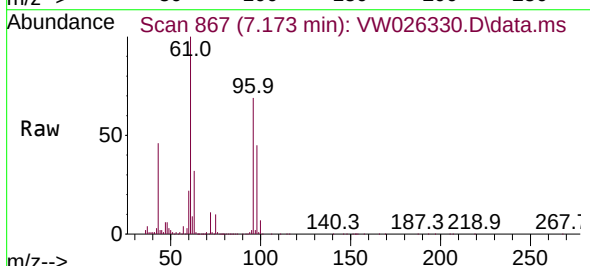
Tgt Ion: 96 Resp: 263408

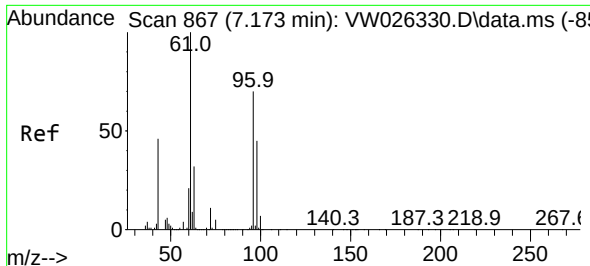
Ion Ratio Lower Upper

96 100

61 144.0 100.8 187.2

98 65.3 45.7 84.9

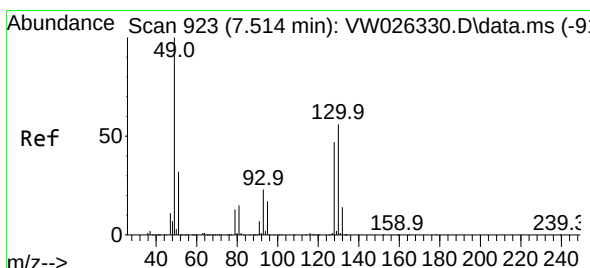
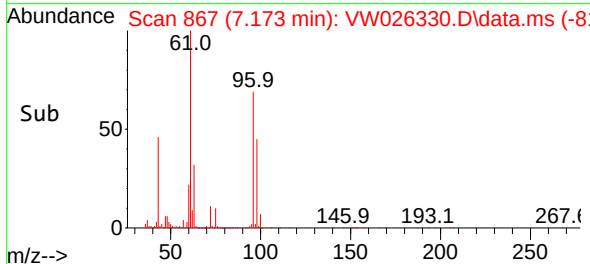
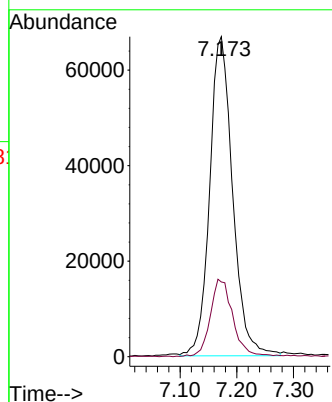
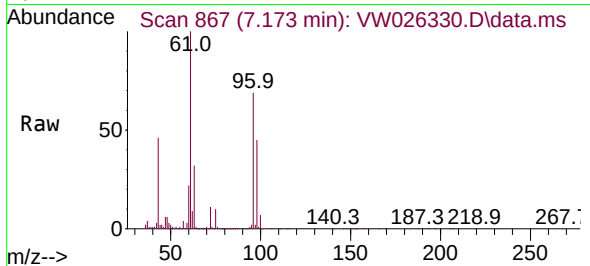




#22
2-Butanone
Concen: 48.207 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

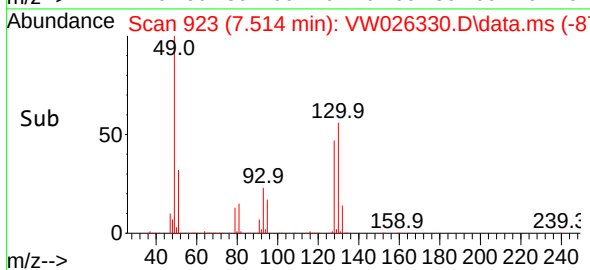
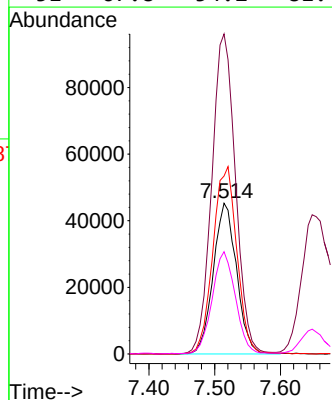
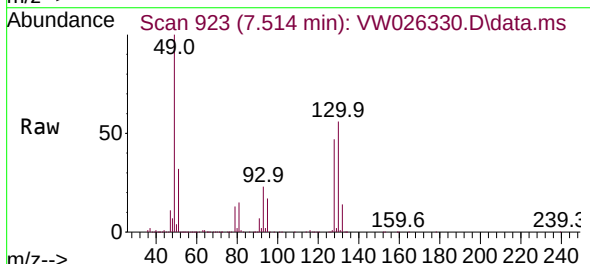
Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

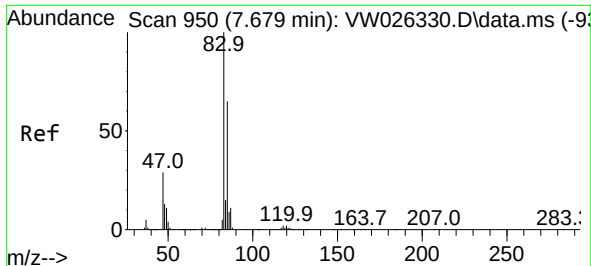
Tgt Ion: 43 Resp: 188051
Ion Ratio Lower Upper
43 100
72 23.5 11.8 35.3



#23
Bromochloromethane
Concen: 24.305 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion: 128 Resp: 111700
Ion Ratio Lower Upper
128 100
49 212.2 148.5 275.9
130 118.0 82.6 153.4
51 67.8 54.2 81.4

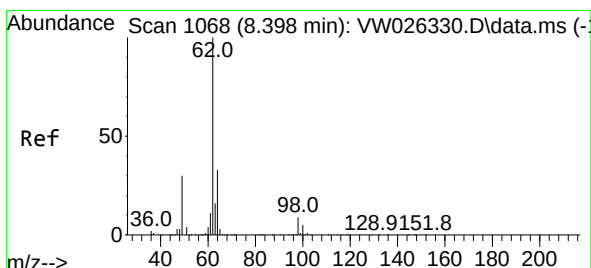
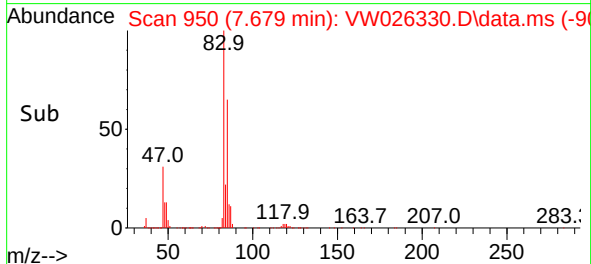
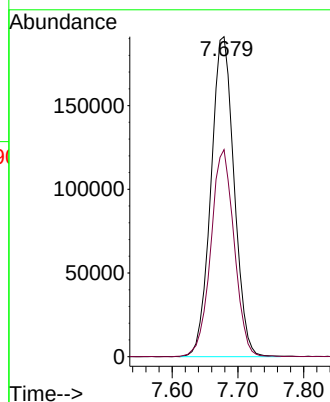
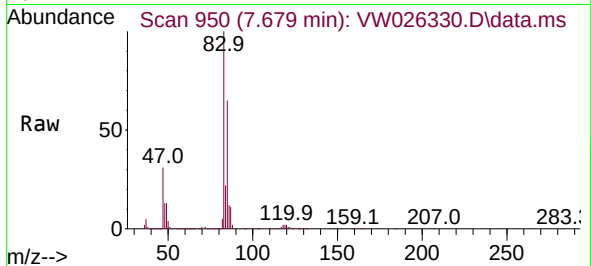




#25
Chloroform
Concen: 24.331 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

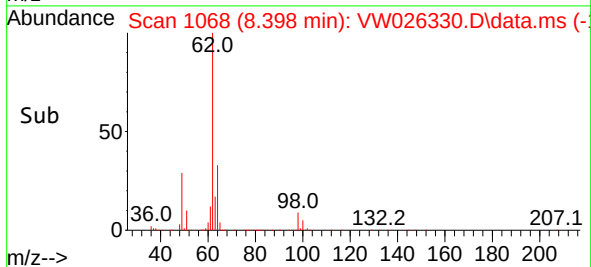
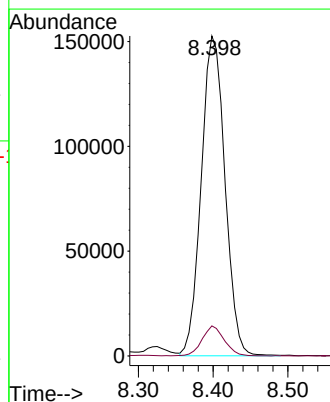
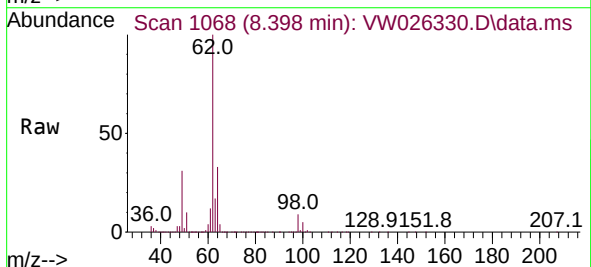
Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

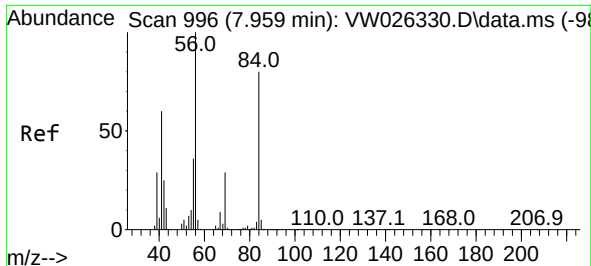
Tgt Ion: 83 Resp: 468249
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1



#27
1,2-Dichloroethane
Concen: 24.408 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion: 62 Resp: 337090
Ion Ratio Lower Upper
62 100
98 9.4 7.5 11.3

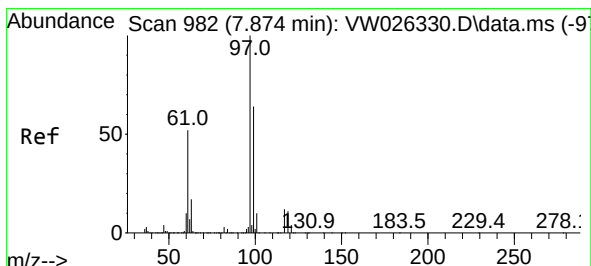
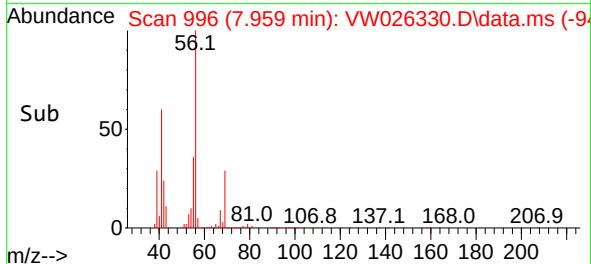
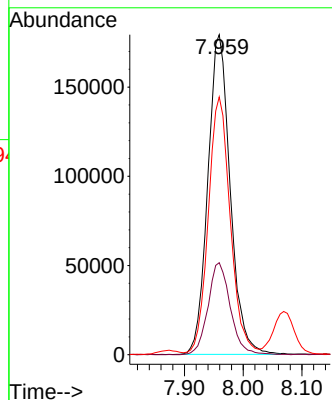
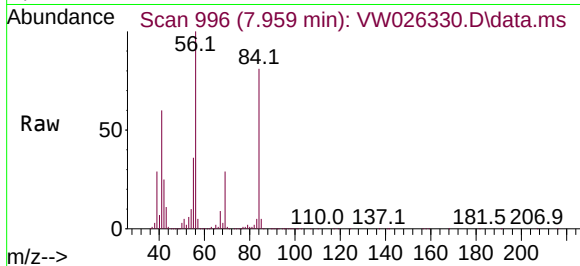




#29
Cyclohexane
Concen: 26.138 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

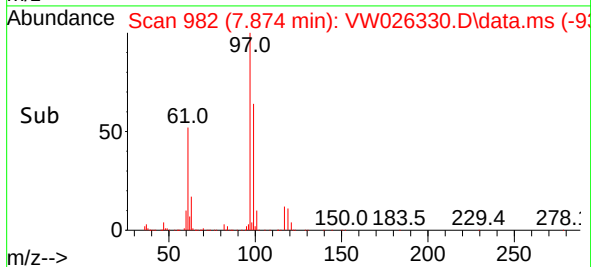
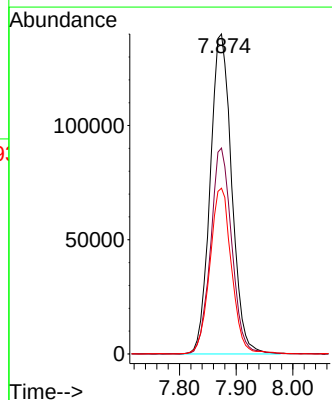
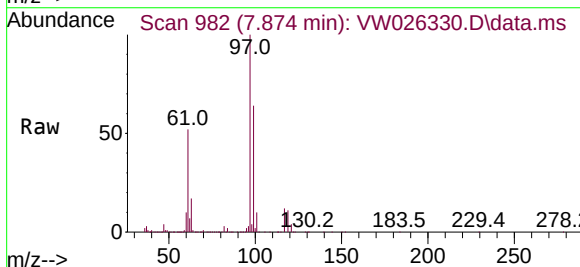
Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

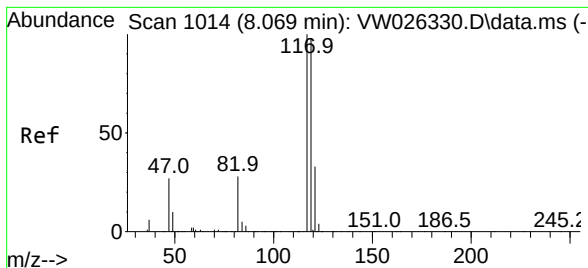
Tgt Ion: 56 Resp: 474421
Ion Ratio Lower Upper
56 100
69 28.7 23.0 34.4
84 79.2 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 24.253 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion: 97 Resp: 368784
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 51.8 41.4 62.2





#31

Carbon tetrachloride

Concen: 23.899 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

Instrument :

MSVOA_W

ClientSampleId :

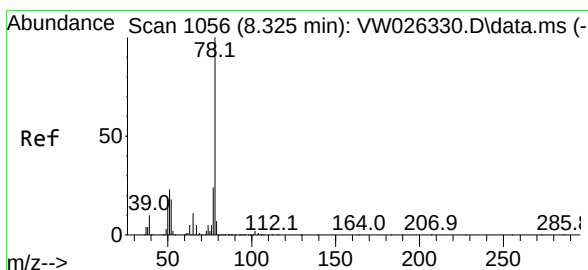
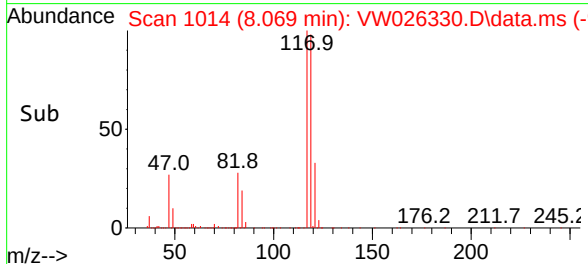
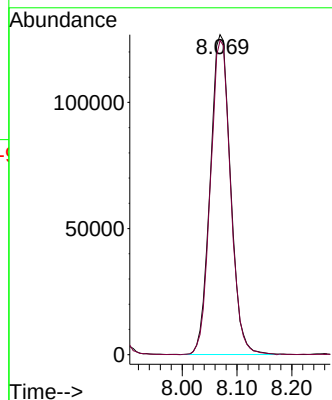
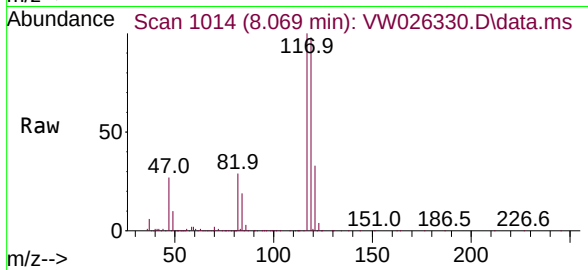
VSTD025467

Tgt Ion:117 Resp: 326676

Ion Ratio Lower Upper

117 100

119 97.1 77.7 116.5



#33

Benzene

Concen: 24.757 ug/L

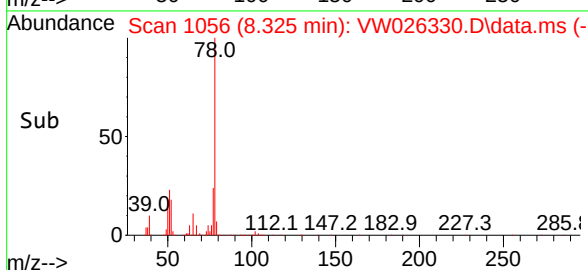
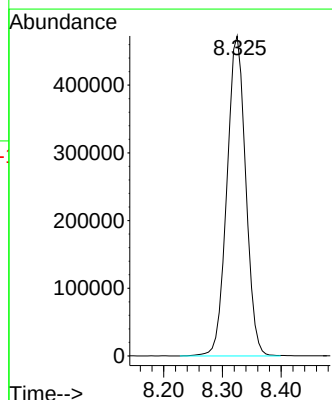
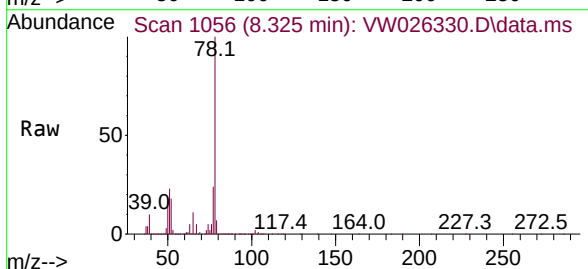
RT: 8.325 min Scan# 1056

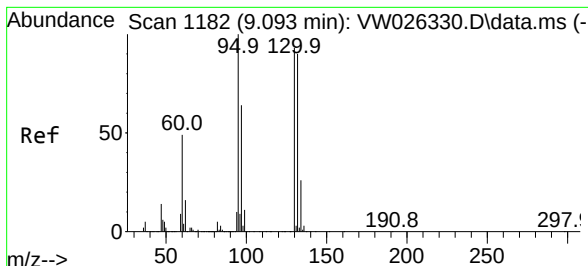
Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

Tgt Ion: 78 Resp: 1051090





#34

Trichloroethene

Concen: 24.458 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025467

Tgt Ion: 95 Resp: 265871

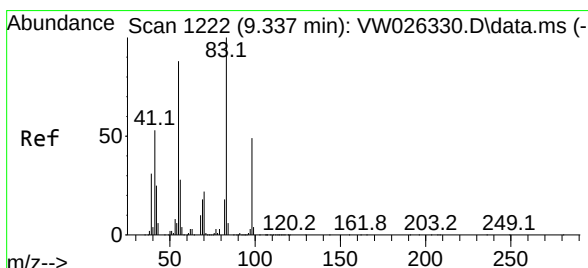
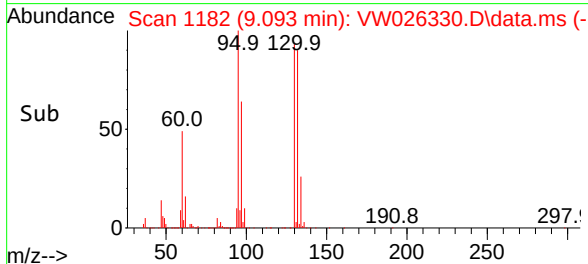
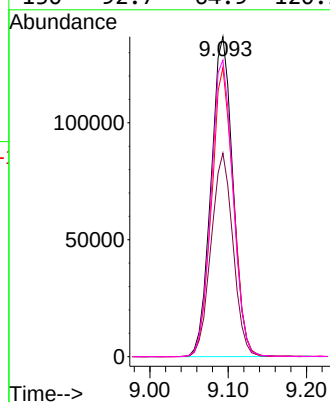
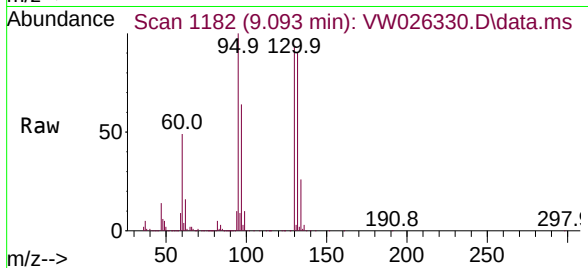
Ion Ratio Lower Upper

95 100

97 63.6 44.5 82.7

132 90.4 63.3 117.5

130 92.7 64.9 120.5



#35

Methylcyclohexane

Concen: 25.864 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

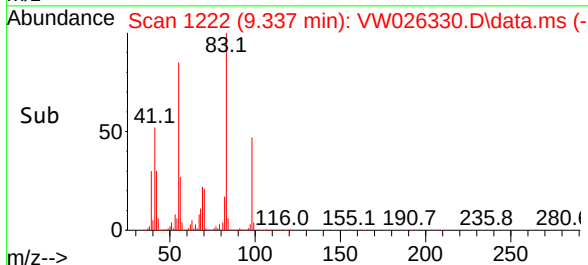
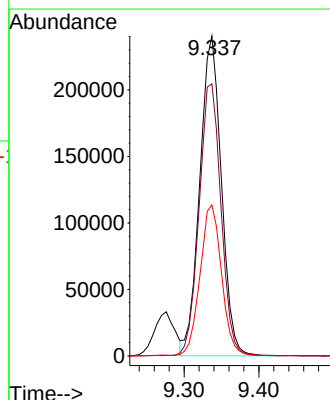
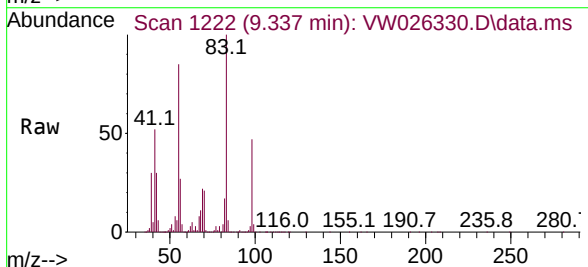
Tgt Ion: 83 Resp: 482160

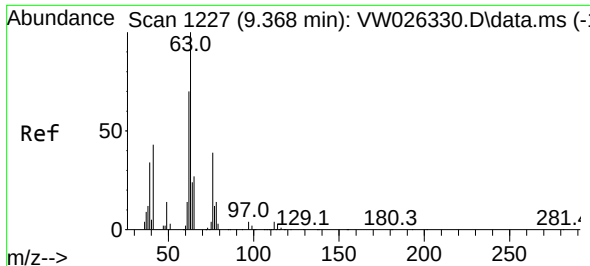
Ion Ratio Lower Upper

83 100

55 86.0 68.8 103.2

98 47.2 37.8 56.6





#37

1,2-Dichloropropane

Concen: 24.818 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

Instrument :

MSVOA_W

ClientSampleId :

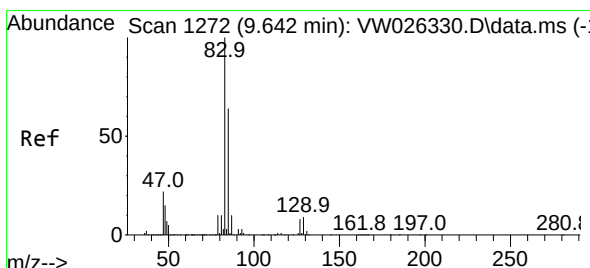
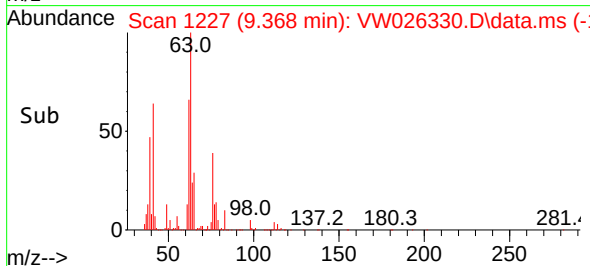
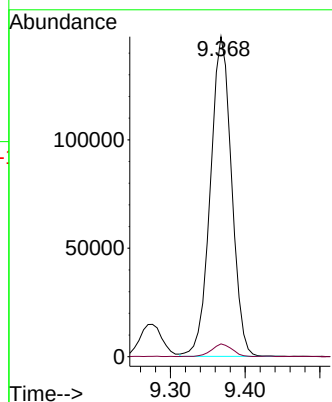
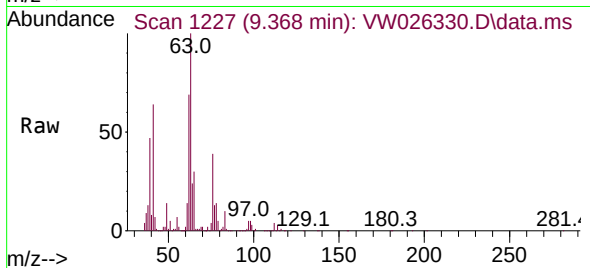
VSTD025467

Tgt Ion: 63 Resp: 290896

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 24.425 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

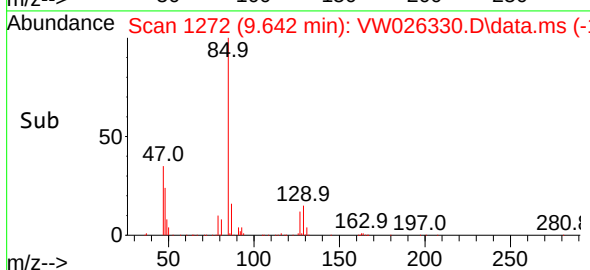
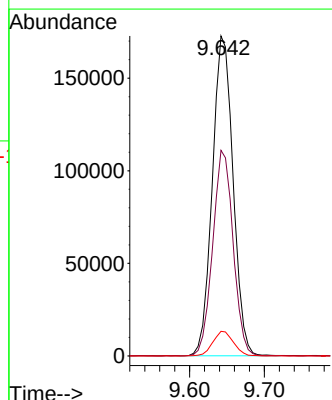
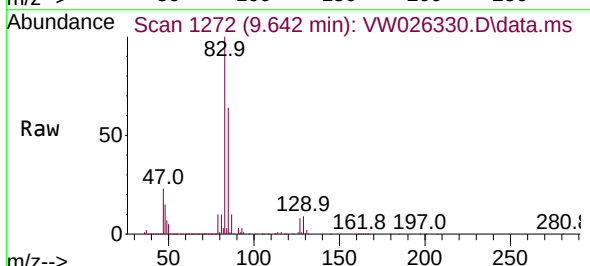
Tgt Ion: 83 Resp: 332718

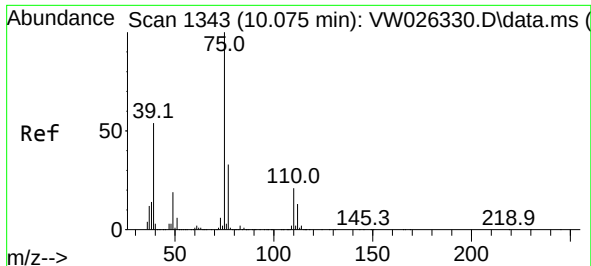
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.541 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

Instrument :

MSVOA_W

ClientSampleId :

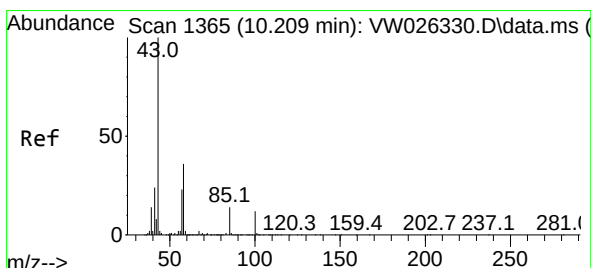
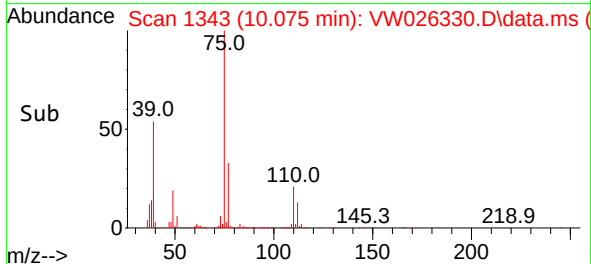
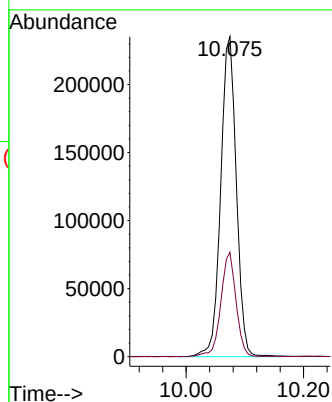
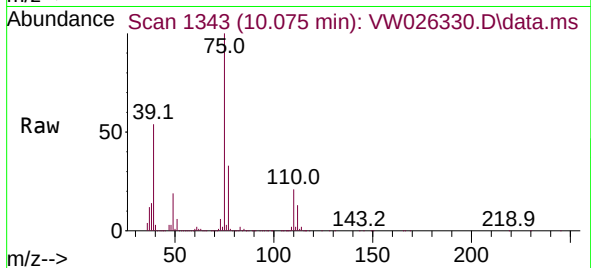
VSTD025467

Tgt Ion: 75 Resp: 434067

Ion Ratio Lower Upper

75 100

77 32.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 52.936 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

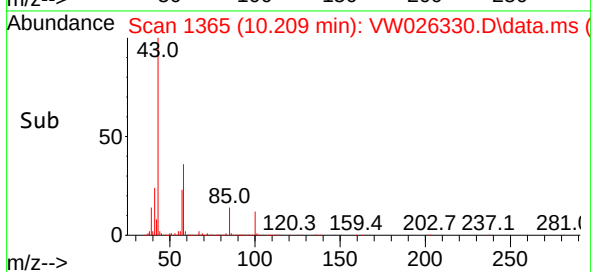
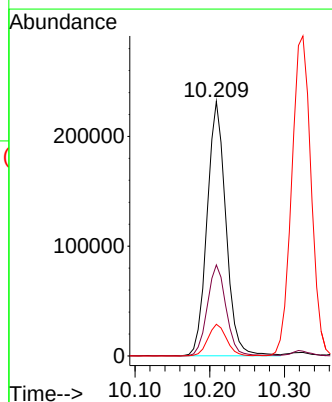
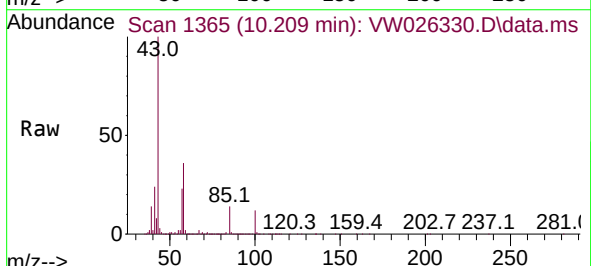
Tgt Ion: 43 Resp: 405307

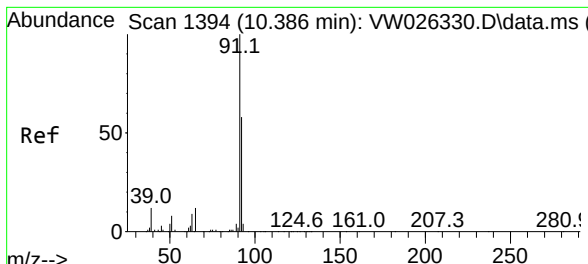
Ion Ratio Lower Upper

43 100

58 35.7 28.6 42.8

100 12.4 9.9 14.9





#42

Toluene

Concen: 25.567 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

Instrument :

MSVOA_W

ClientSampleId :

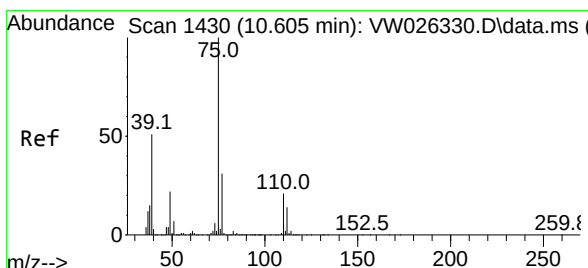
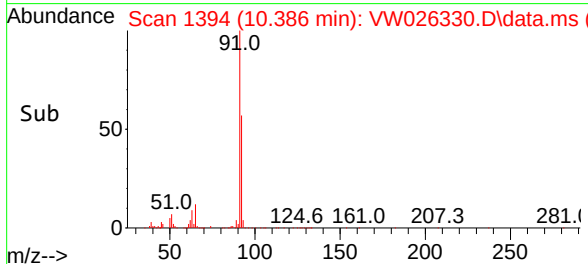
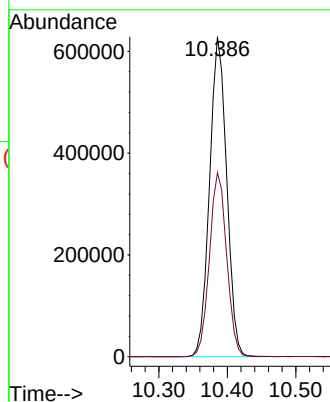
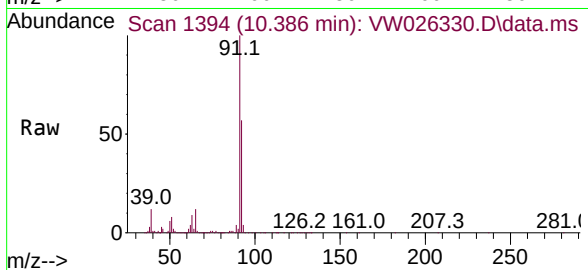
VSTD025467

Tgt Ion: 91 Resp: 1088930

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 24.974 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026330.D

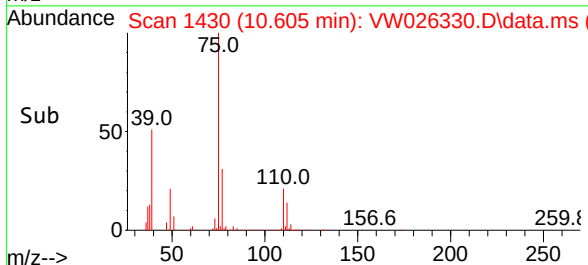
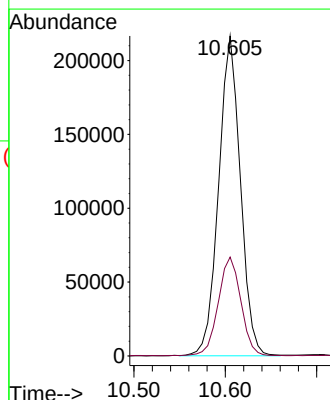
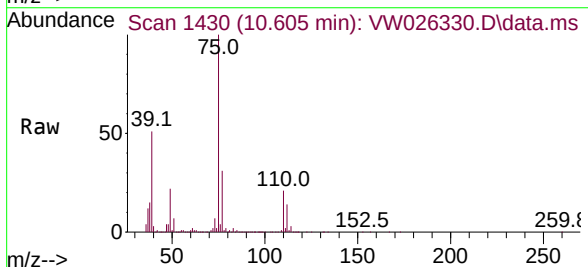
Acq: 26 Jun 2023 12:00

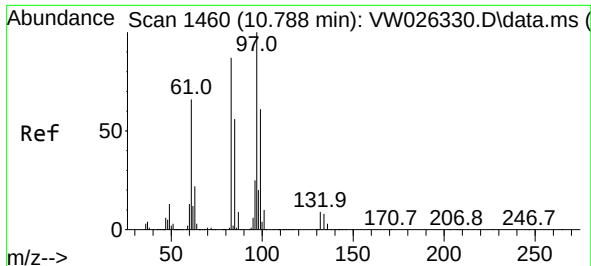
Tgt Ion: 75 Resp: 358267

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2

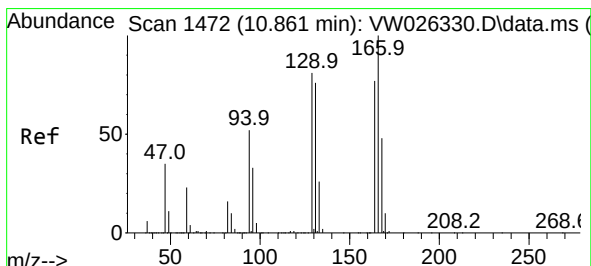
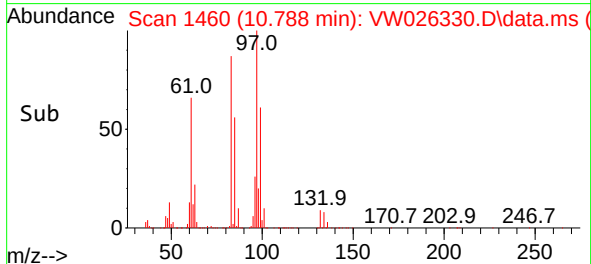
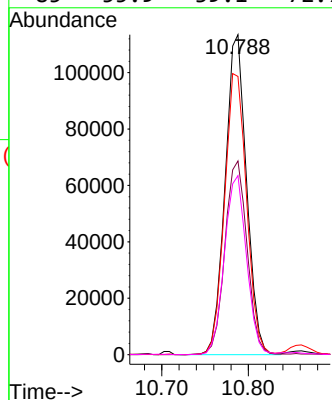
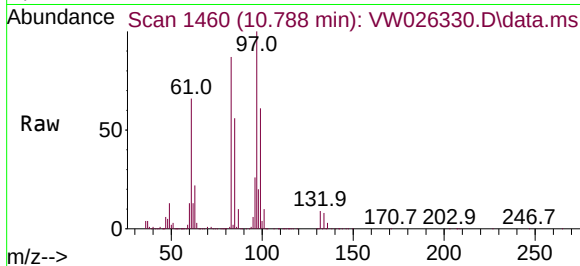




#45
1,1,2-Trichloroethane
Concen: 24.566 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

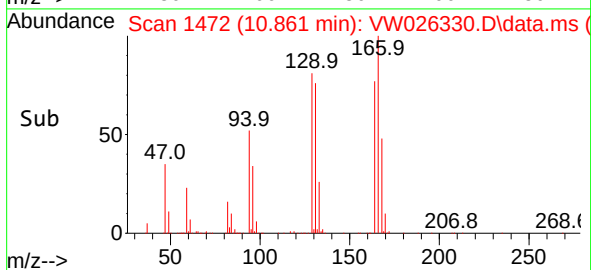
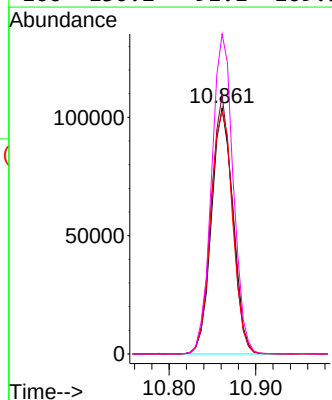
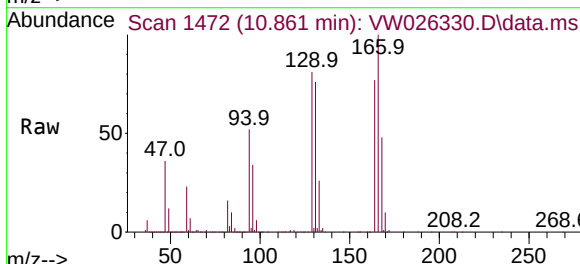
Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

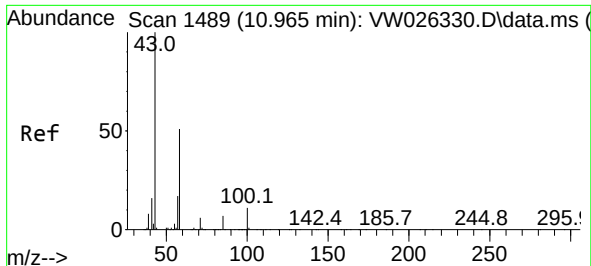
Tgt Ion:	97	Resp:	195108
Ion	Ratio	Lower	Upper
97	100		
99	60.5	42.4	78.6
83	86.9	60.8	113.0
85	55.9	39.1	72.7



#46
Tetrachloroethene
Concen: 23.574 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion:	164	Resp:	180545
Ion	Ratio	Lower	Upper
164	100		
129	105.4	73.8	137.0
131	98.6	69.0	128.2
166	130.2	91.1	169.3



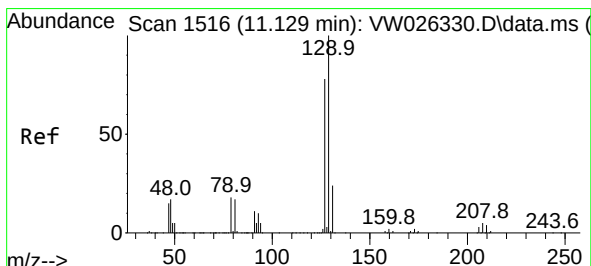
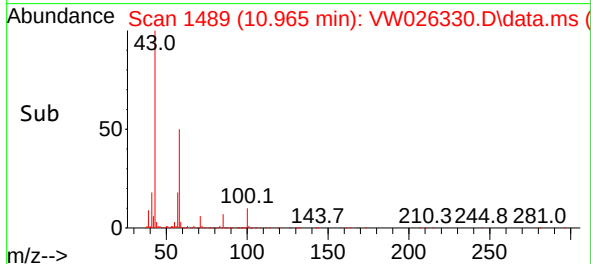
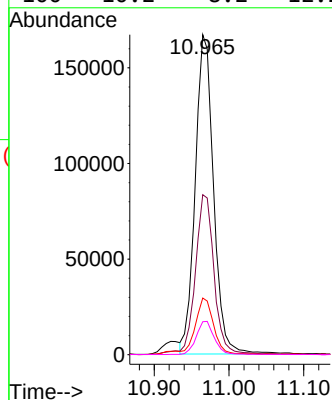
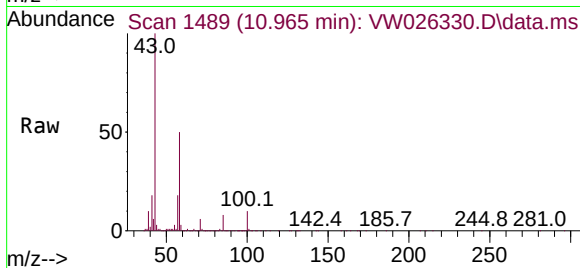


#48
2-Hexanone
Concen: 52.691 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

Tgt Ion: 43 Resp: 284660

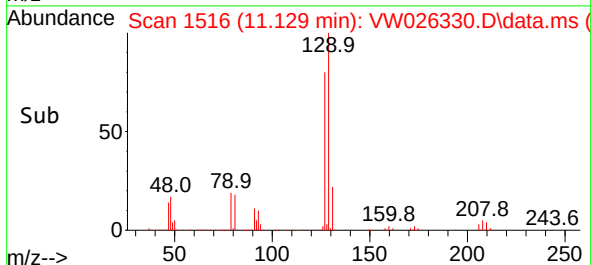
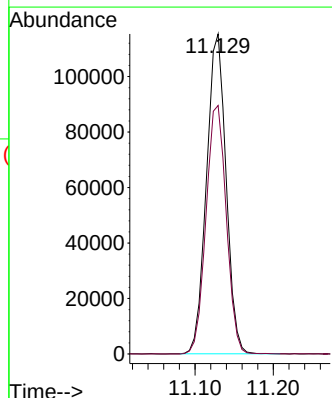
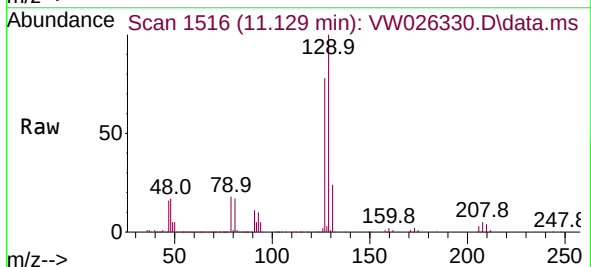
Ion	Ratio	Lower	Upper
43	100		
58	50.1	40.1	60.1
57	16.7	13.4	20.0
100	10.2	8.2	12.2

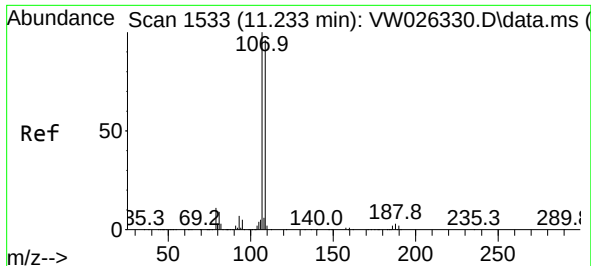


#49
Dibromochloromethane
Concen: 24.560 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion: 129 Resp: 199733

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.4	101.0

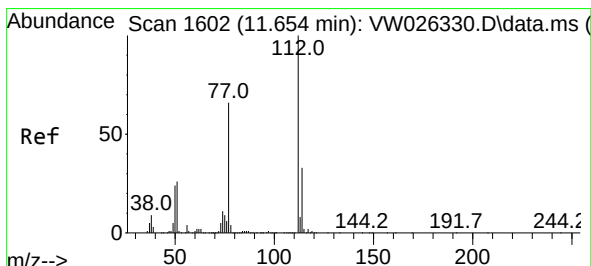
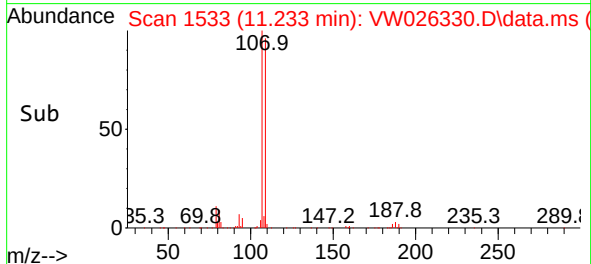
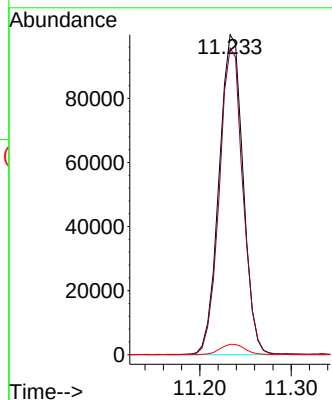
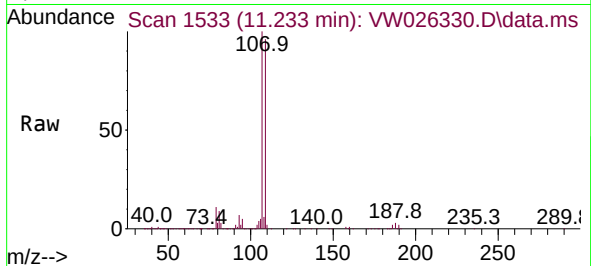




#50
1,2-Dibromoethane
Concen: 25.015 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

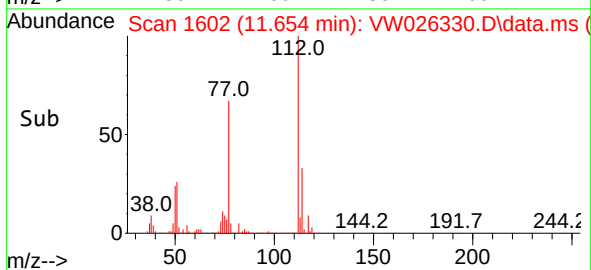
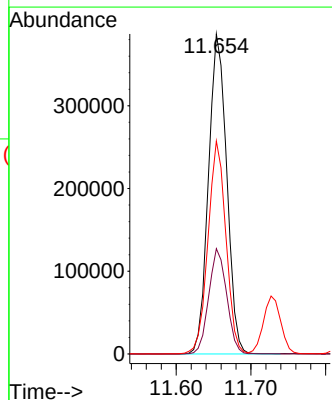
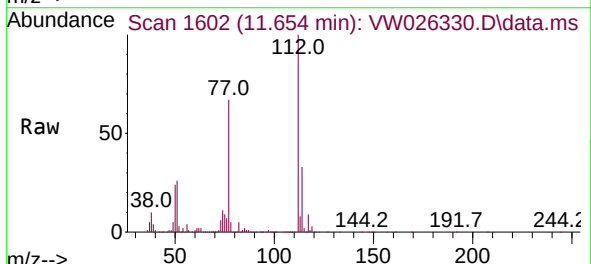
Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

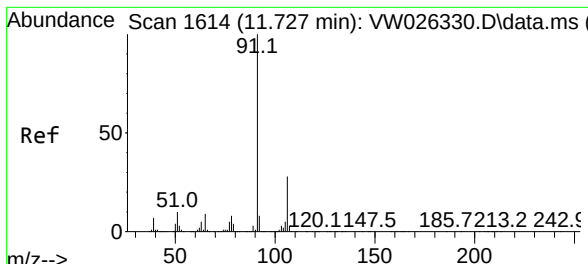
Tgt Ion:107 Resp: 182404
Ion Ratio Lower Upper
107 100
109 95.8 67.1 124.5
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 24.131 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion:112 Resp: 655296
Ion Ratio Lower Upper
112 100
114 32.9 23.0 42.8
77 66.5 53.2 79.8



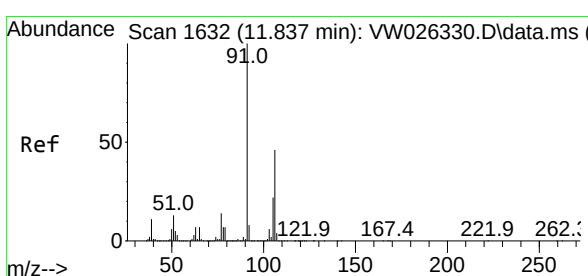
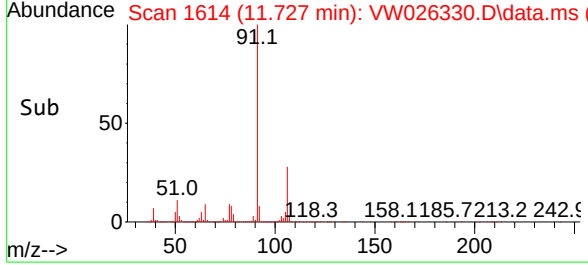
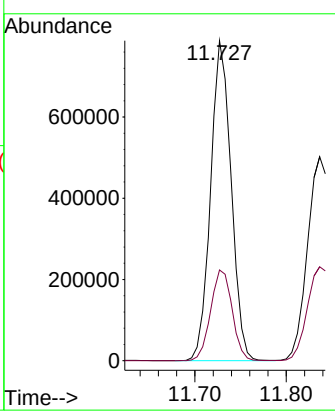
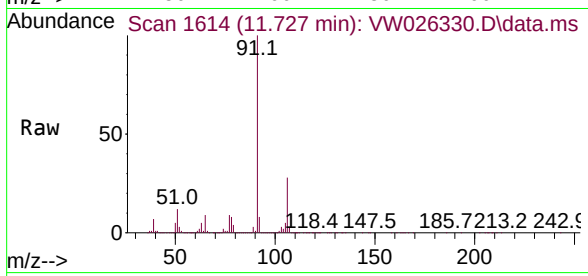


#52
 Ethylbenzene
 Concen: 25.620 ug/L
 RT: 11.727 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: VW026330.D
 Acq: 26 Jun 2023 12:00

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025467

Tgt Ion: 91 Resp: 1229576

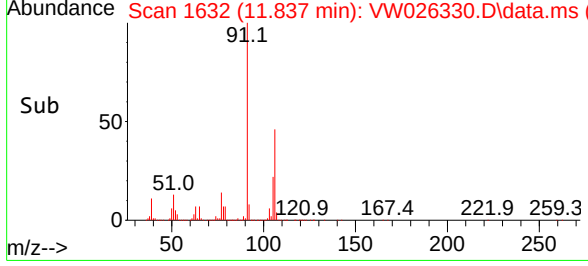
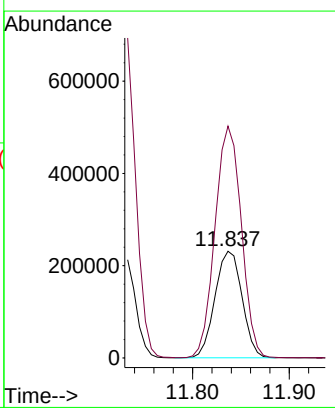
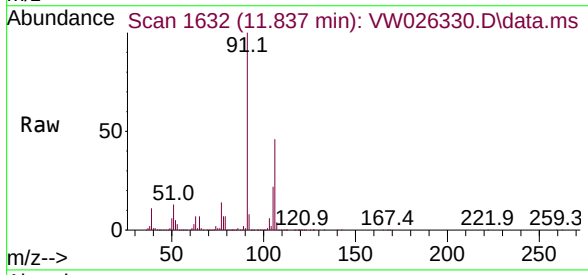
Ion	Ratio	Lower	Upper
91	100		
106	28.4	19.9	36.9

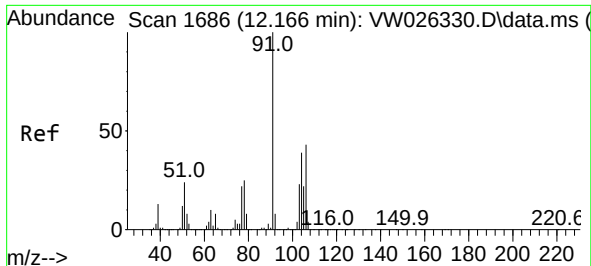


#53
 m,p-Xylene
 Concen: 25.598 ug/L
 RT: 11.837 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VW026330.D
 Acq: 26 Jun 2023 12:00

Tgt Ion: 106 Resp: 448045

Ion	Ratio	Lower	Upper
106	100		
91	217.3	152.1	282.5

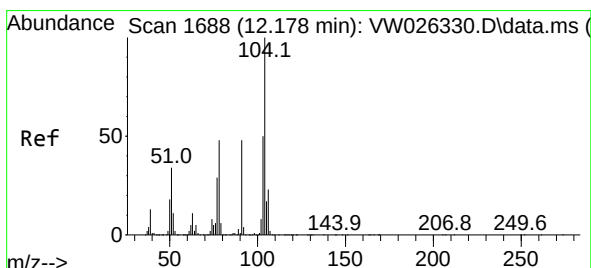
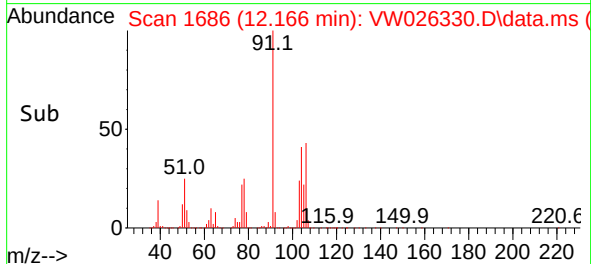
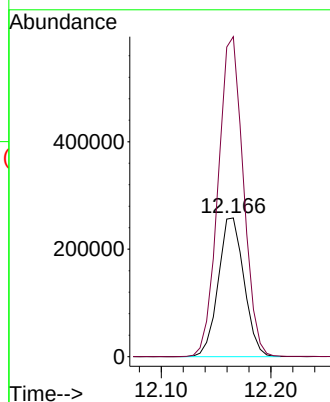
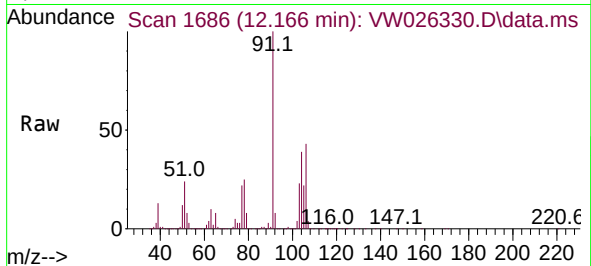




#54
o-Xylene
Concen: 25.577 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

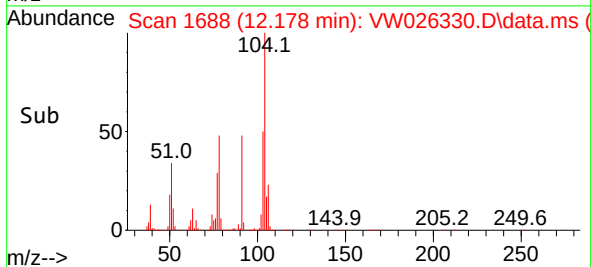
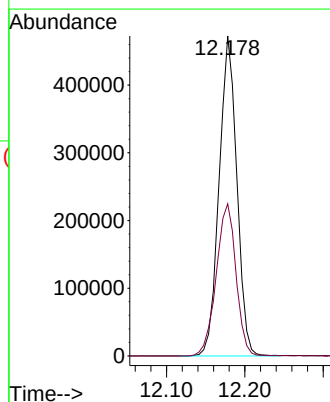
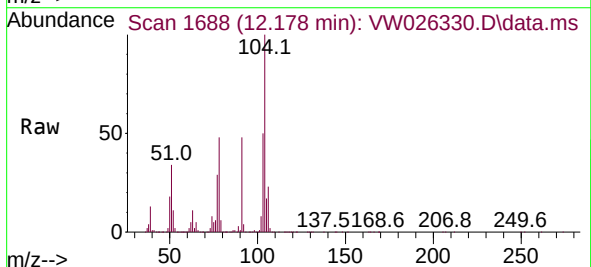
Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

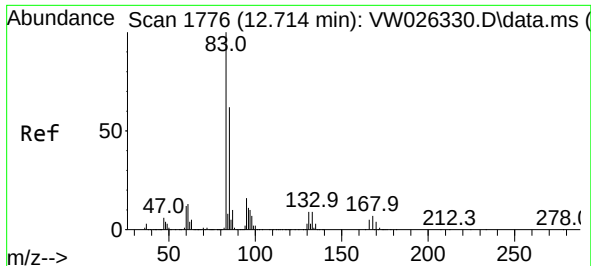
Tgt Ion:106 Resp: 421505
Ion Ratio Lower Upper
106 100
91 230.7 161.5 299.9



#55
Styrene
Concen: 25.914 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion:104 Resp: 744854
Ion Ratio Lower Upper
104 100
78 47.6 33.3 61.9

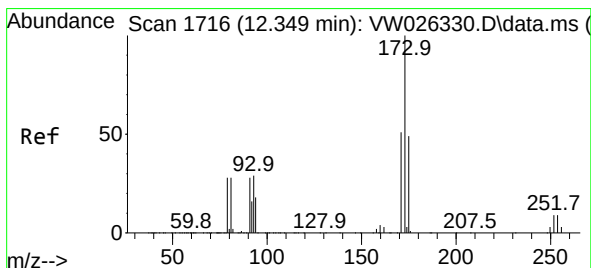
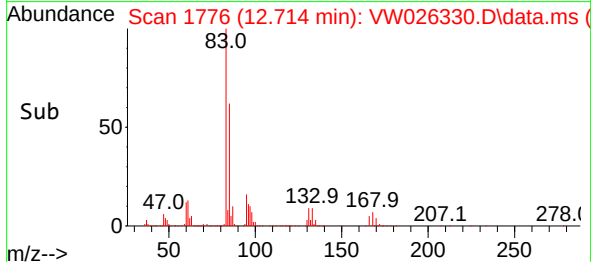
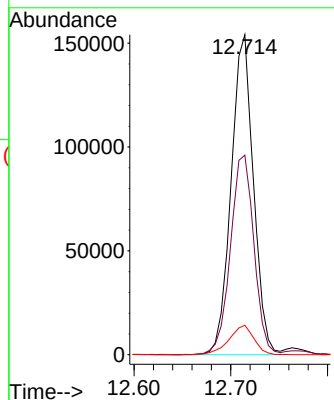
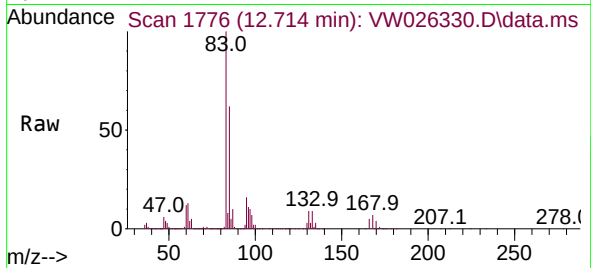




#57
1,1,2,2-Tetrachloroethane
Concen: 24.906 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

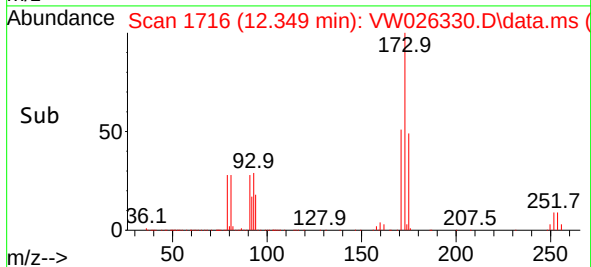
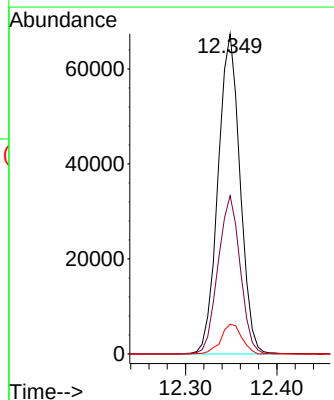
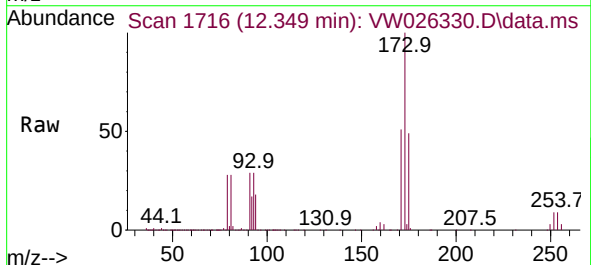
Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

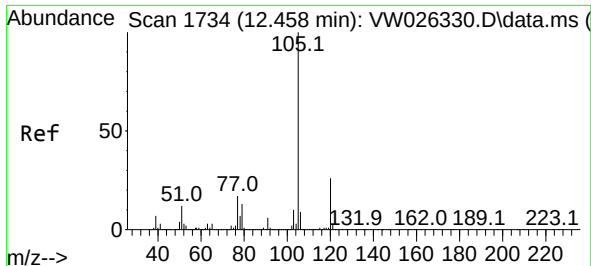
Tgt Ion: 83 Resp: 247254
Ion Ratio Lower Upper
83 100
85 62.4 43.7 81.1
131 9.2 7.4 11.0



#59
Bromoform
Concen: 23.332 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion: 173 Resp: 112785
Ion Ratio Lower Upper
173 100
175 49.6 39.7 59.5
254 8.9 7.1 10.7

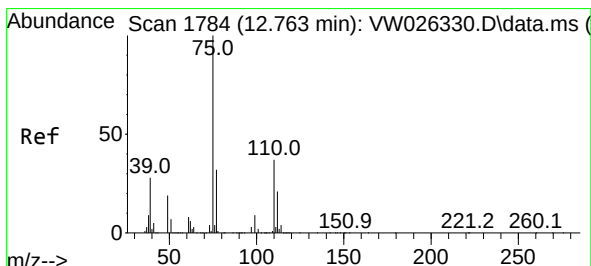
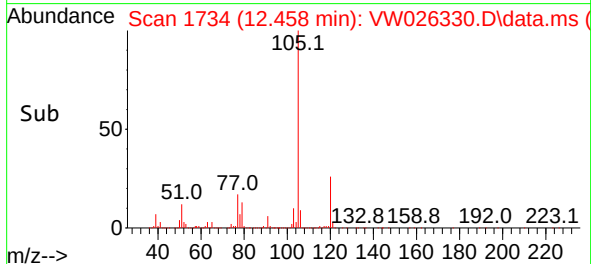
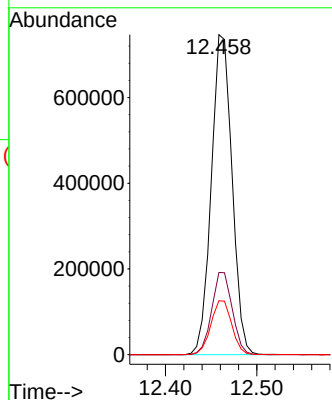
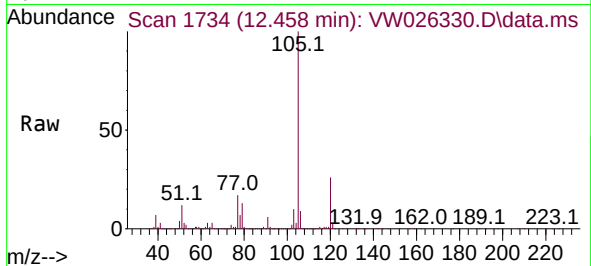




#60
Isopropylbenzene
Concen: 24.469 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

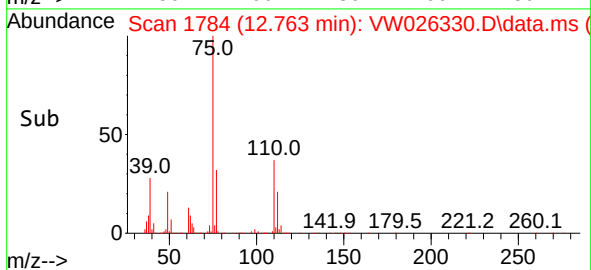
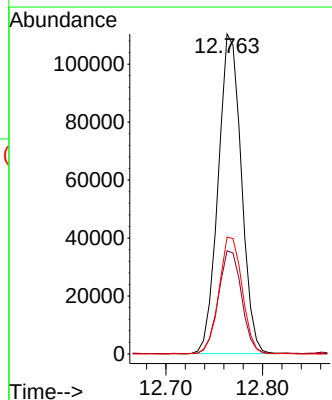
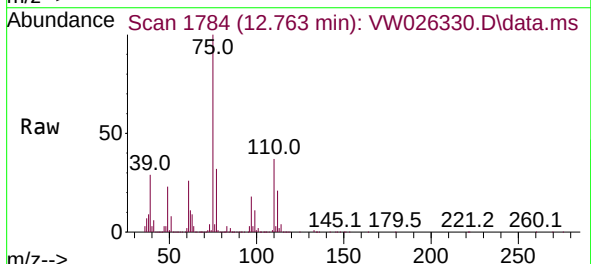
Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

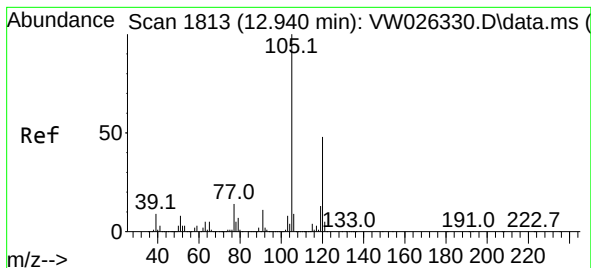
Tgt Ion:105 Resp: 1175149
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 17.0 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 23.594 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion: 75 Resp: 183272
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 36.7 29.4 44.0

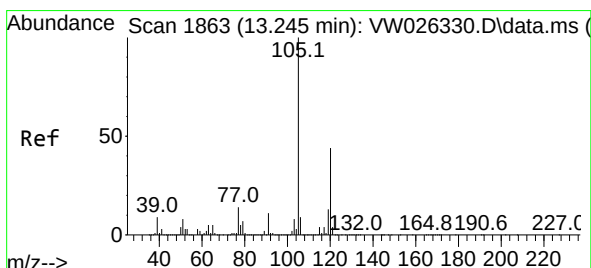
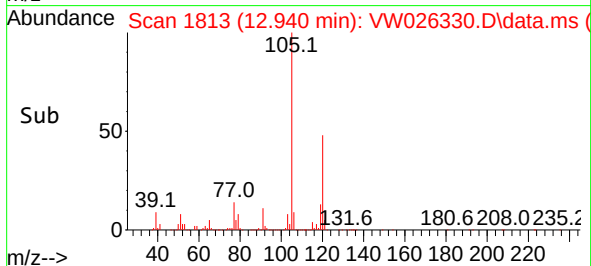
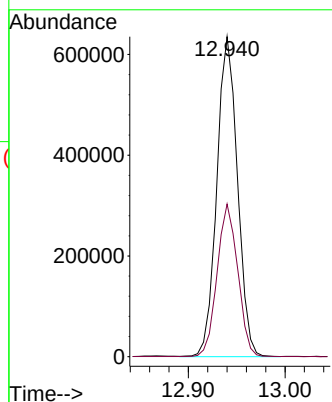
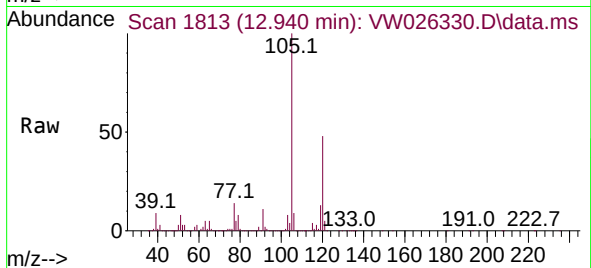




#62
1,3,5-Trimethylbenzene
Concen: 25.252 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

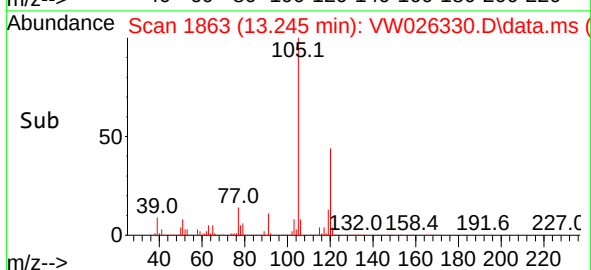
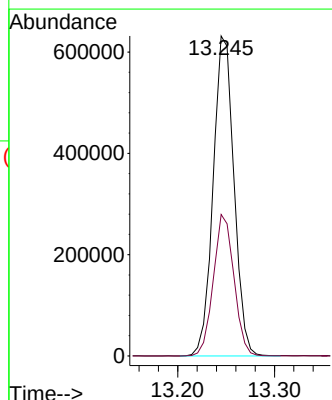
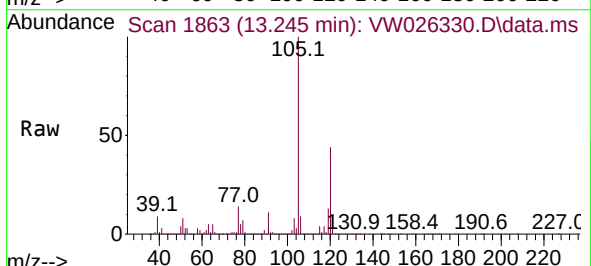
Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

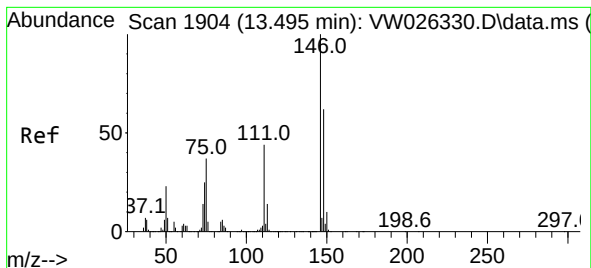
Tgt Ion:105 Resp: 940118
Ion Ratio Lower Upper
105 100
120 47.6 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 26.292 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion:105 Resp: 944059
Ion Ratio Lower Upper
105 100
120 43.8 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 23.815 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025467

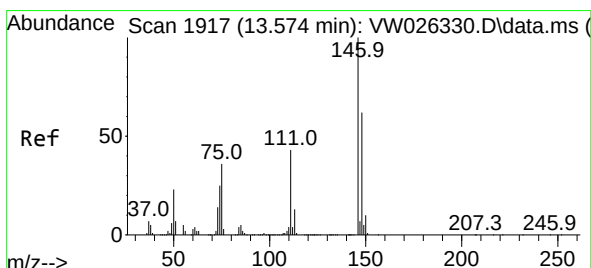
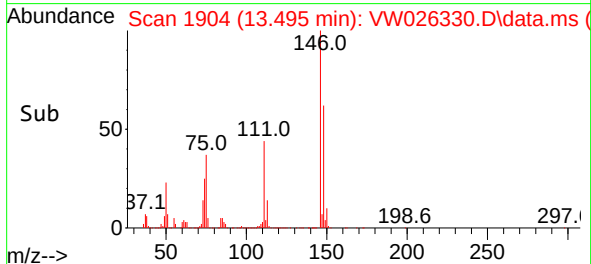
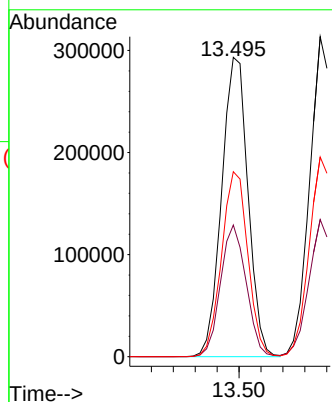
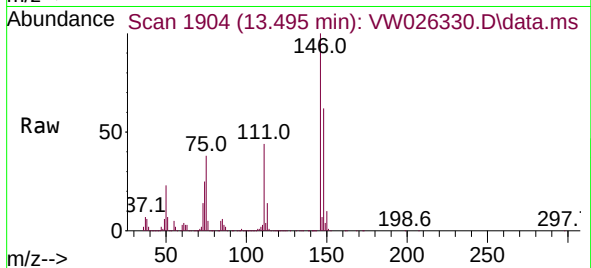
Tgt Ion:146 Resp: 489883

Ion Ratio Lower Upper

146 100

111 44.0 30.8 57.2

148 61.8 43.3 80.3



#65

1,4-Dichlorobenzene

Concen: 23.477 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

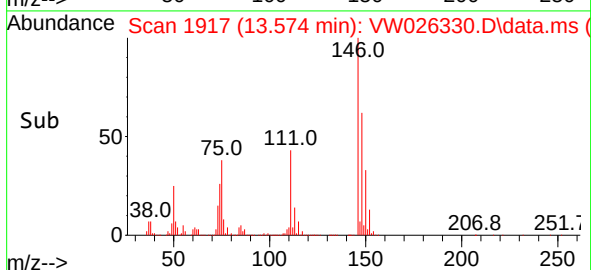
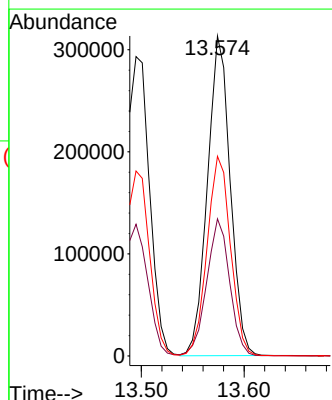
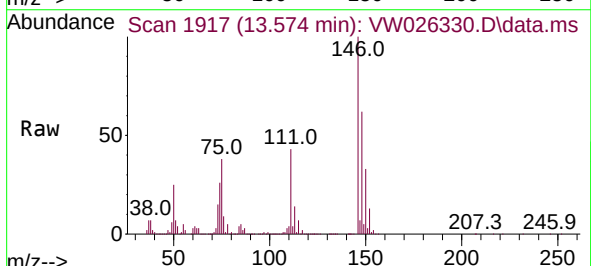
Tgt Ion:146 Resp: 483299

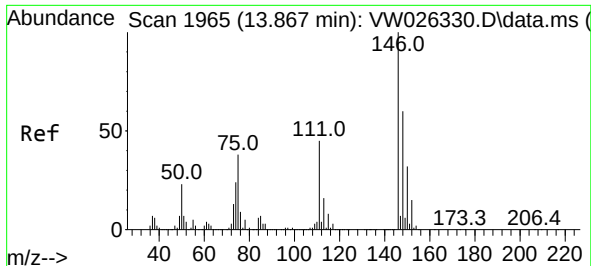
Ion Ratio Lower Upper

146 100

111 42.9 30.0 55.8

148 62.4 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 23.569 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025467

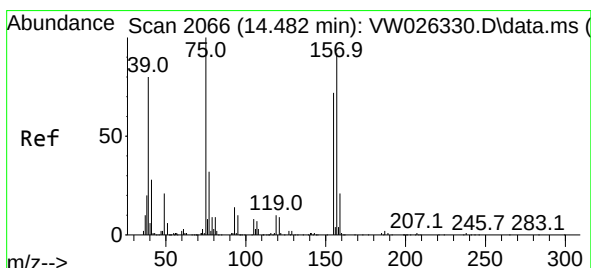
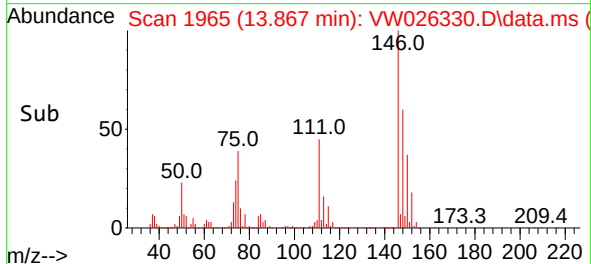
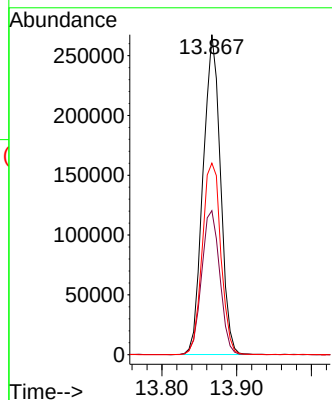
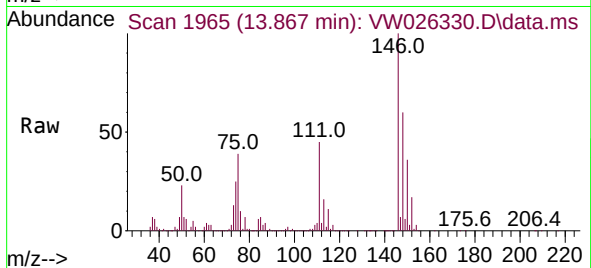
Tgt Ion:146 Resp: 431806

Ion Ratio Lower Upper

146 100

111 45.0 36.0 54.0

148 59.8 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.028 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW026330.D

Acq: 26 Jun 2023 12:00

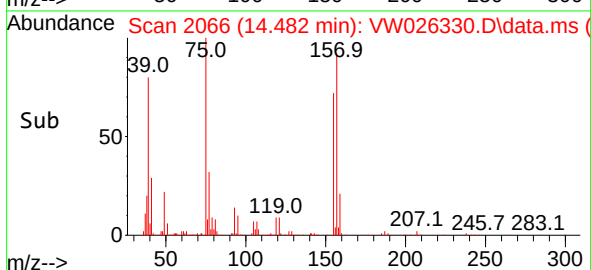
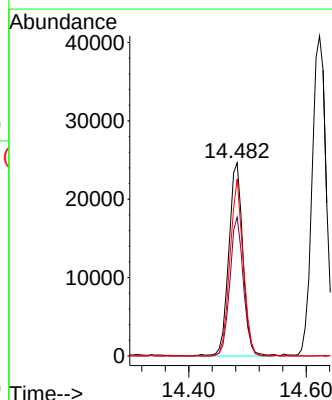
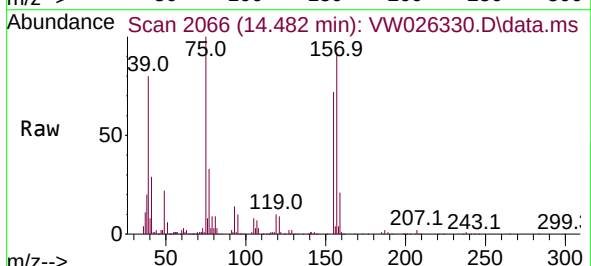
Tgt Ion: 75 Resp: 41151

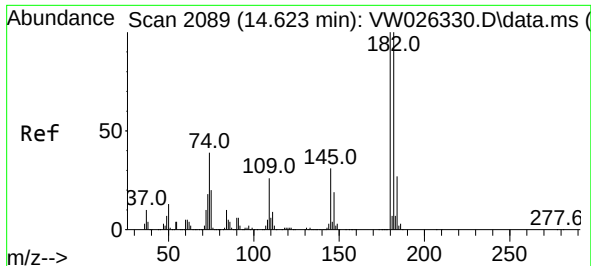
Ion Ratio Lower Upper

75 100

155 71.9 57.5 86.3

157 91.7 73.4 110.0

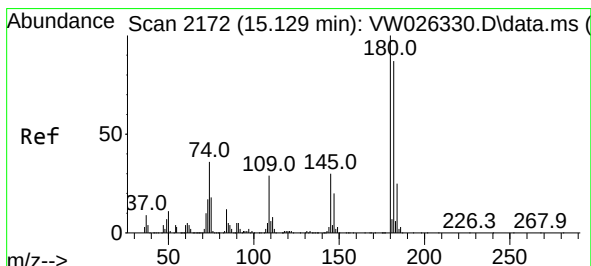
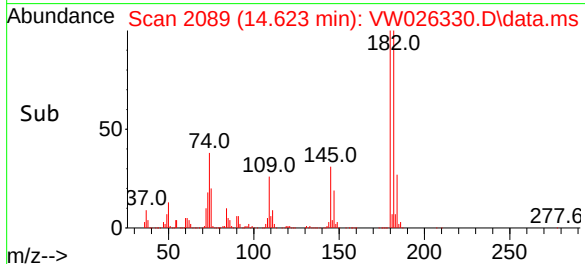
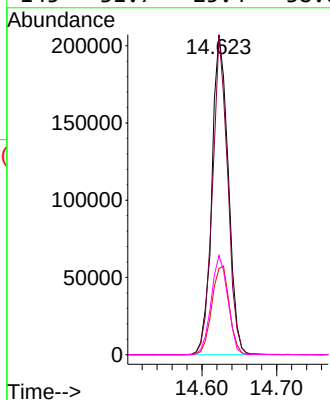
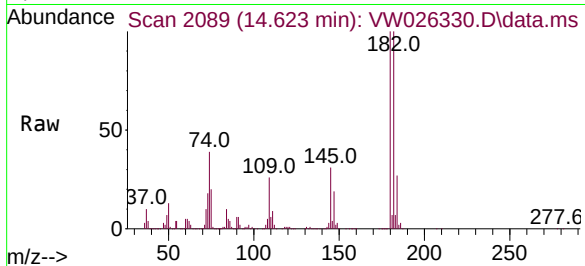




#69
 1,3,5-Trichlorobenzene
 Concen: 23.755 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW026330.D
 Acq: 26 Jun 2023 12:00

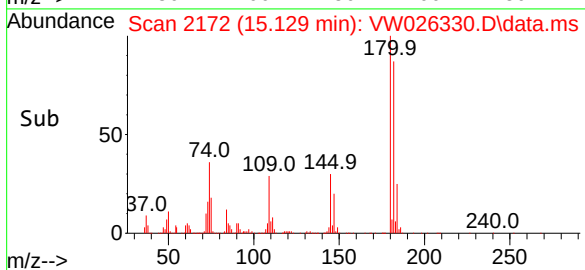
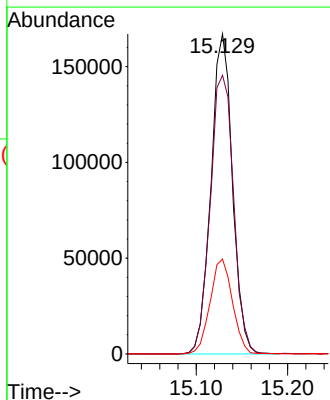
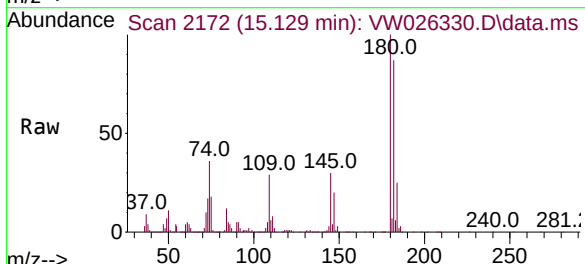
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025467

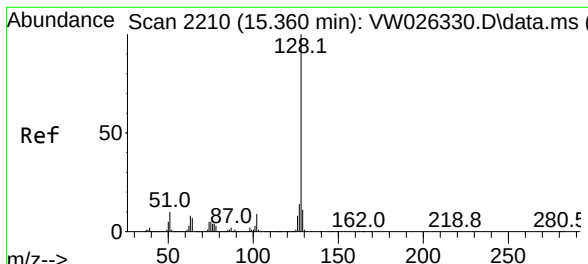
Tgt Ion:180 Resp: 313999
 Ion Ratio Lower Upper
 180 100
 182 92.8 74.2 111.4
 184 29.7 23.8 35.6
 145 31.7 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 25.238 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW026330.D
 Acq: 26 Jun 2023 12:00

Tgt Ion:180 Resp: 273005
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.6 113.4
 145 30.9 24.7 37.1



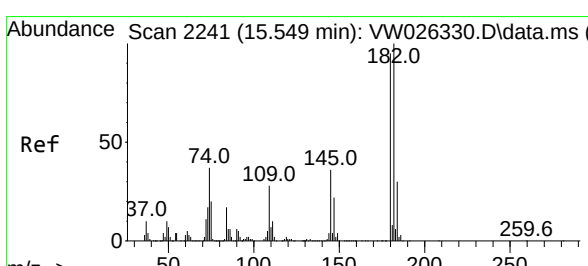
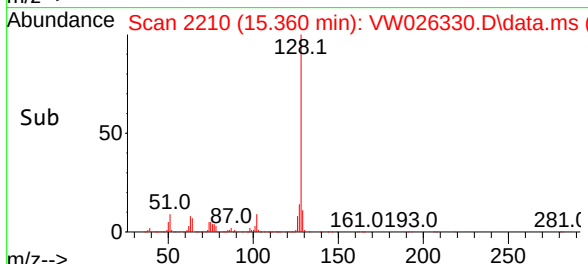
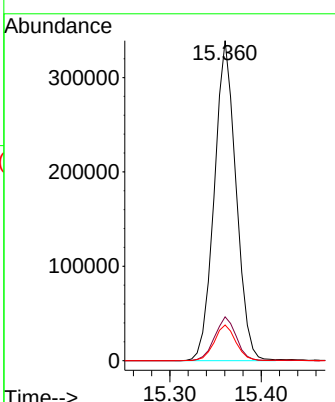
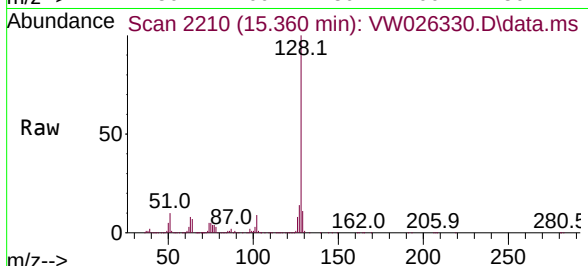


#71
Naphthalene
Concen: 25.779 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025467

Tgt Ion:128 Resp: 560573

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.9	16.3
129	11.1	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 23.858 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026330.D
Acq: 26 Jun 2023 12:00

Tgt Ion:180 Resp: 240948

Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
145	35.6	28.5	42.7

