

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW026331.D
 Acq On : 26 Jun 2023 12:24
 Operator : SY/MD
 Sample : VSTD05068
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050468

Quant Time: Jun 27 01:27:20 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	664825	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	613013	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	298463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	554180	57.393	ug/L	0.00
7) Chloroethane-d5	2.899	69	353025	51.331	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	244047	55.812	ug/L	0.00
21) 2-Butanone-d5	7.075	46	315510	104.188	ug/L	0.00
24) Chloroform-d	7.648	84	968856	51.429	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	535022	50.543	ug/L	0.00
32) Benzene-d6	8.276	84	1972161	51.975	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	621446	50.403	ug/L	0.00
41) Toluene-d8	10.325	98	1754456	52.825	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	261823	52.889	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	217148	114.677	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	499320	51.438	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	529819	50.983	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.942	85	60	0.008	ug/L	97
3) Chloromethane	2.228	50	626239	54.193	ug/L	98
5) Vinyl chloride	2.375	62	619553	51.565	ug/L	100
6) Bromomethane	2.783	94	332635	50.439	ug/L	95
8) Chloroethane	2.930	64	309390	48.022	ug/L	99
9) Trichlorofluoromethane	3.265	101	453822	53.550	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	461685	50.980	ug/L	98
12) 1,1-Dichloroethene	4.045	96	447486	52.056	ug/L	95
13) Acetone	4.118	43	217950	89.706	ug/L	99
14) Carbon disulfide	4.393	76	1562039	51.423	ug/L	99
15) Methyl Acetate	4.673	43	287460	52.118	ug/L	99
16) Methylene chloride	4.923	84	474762	42.089	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	483277	51.057	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	789884	53.452	ug/L	99
19) 1,1-Dichloroethane	6.216	63	980905	49.571	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	520045	50.933	ug/L	98
22) 2-Butanone	7.167	43	372030	100.081	ug/L	100
23) Bromochloromethane	7.514	128	218639	49.923	ug/L	96
25) Chloroform	7.679	83	899877	49.069	ug/L	98
27) 1,2-Dichloroethane	8.398	62	648451	49.273	ug/L	97
29) Cyclohexane	7.959	56	960260	54.247	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	714637	48.190	ug/L	99
31) Carbon tetrachloride	8.069	117	648906	48.677	ug/L	99
33) Benzene	8.325	78	2053933	49.603	ug/L	100
34) Trichloroethene	9.093	95	520497	49.095	ug/L	97
35) Methylcyclohexane	9.337	83	957971	52.691	ug/L	99
37) 1,2-Dichloropropane	9.367	63	563282	49.275	ug/L	100
38) Bromodichloromethane	9.642	83	648958	48.847	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	870844	52.540	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	821960	110.075	ug/L	98
42) Toluene	10.386	91	2108087	50.750	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	744319	53.200	ug/L	98

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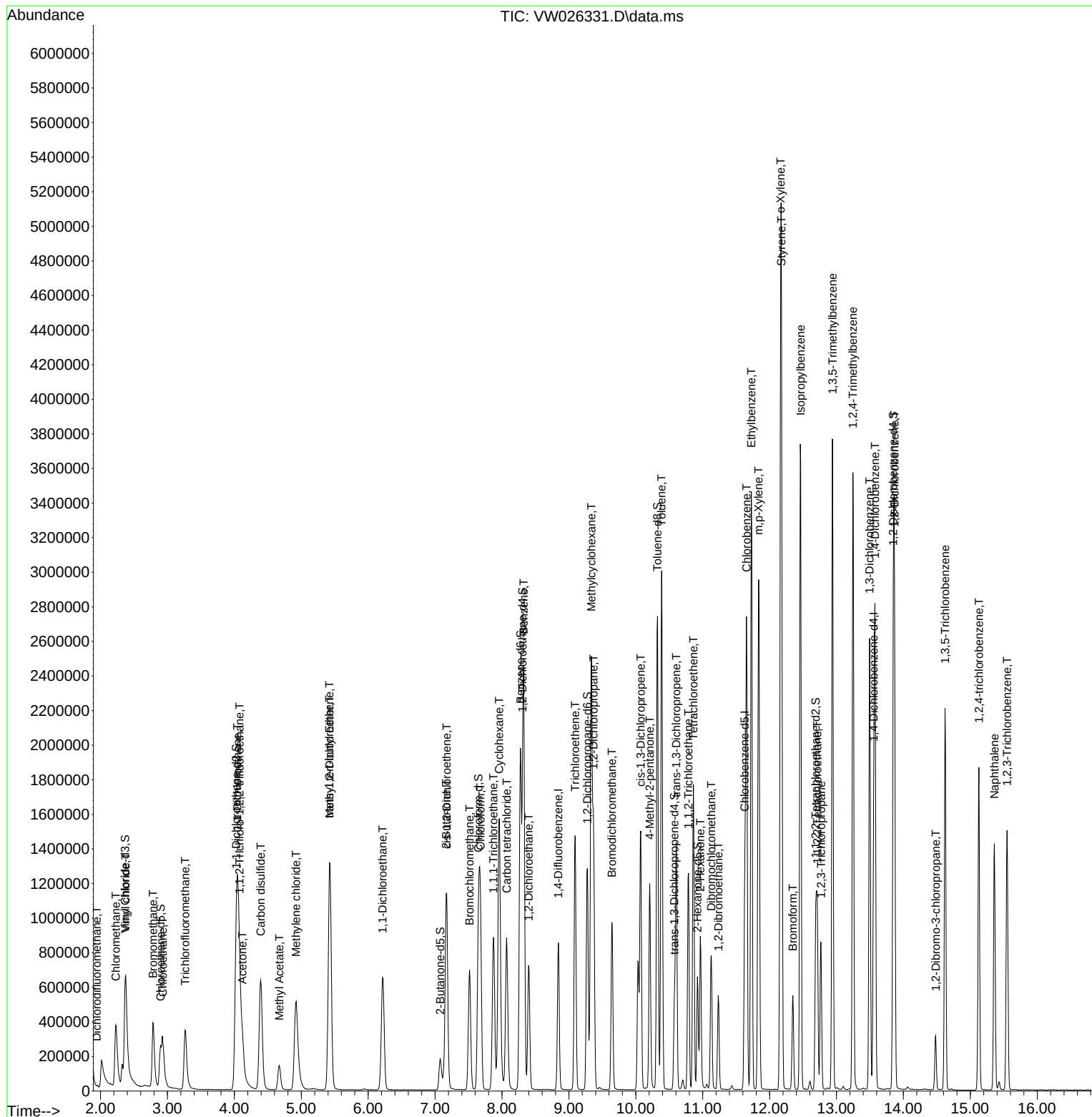
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	384751	49.671	ug/L	98
46) Tetrachloroethene	10.861	164	369305	49.444	ug/L	96
48) 2-Hexanone	10.965	43	582531	110.561	ug/L	97
49) Dibromochloromethane	11.129	129	405811	51.165	ug/L	100
50) 1,2-Dibromoethane	11.233	107	366067	51.475	ug/L	94
51) Chlorobenzene	11.654	112	1313412	49.593	ug/L	97
52) Ethylbenzene	11.727	91	2371799	50.673	ug/L	96
53) m,p-Xylene	11.836	106	890247	52.152	ug/L	94
54) o-Xylene	12.166	106	838041	52.141	ug/L	95
55) Styrene	12.178	104	1460830	52.112	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	492067	50.822	ug/L	96
59) Bromoform	12.349	173	237289	52.555	ug/L	97
60) Isopropylbenzene	12.464	105	2312628	51.555	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	361167	49.781	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1880953	54.092	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1867856	55.694	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	967236	50.342	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	939214	48.847	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	868241	50.738	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	83995	50.323	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	627981	50.865	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	512946	50.768	ug/L	97
71) Naphthalene	15.360	128	1140326	56.145	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	475108	50.366	ug/L	97

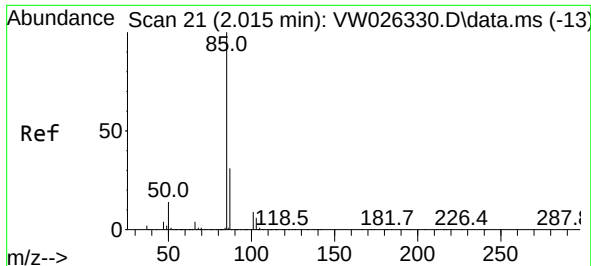
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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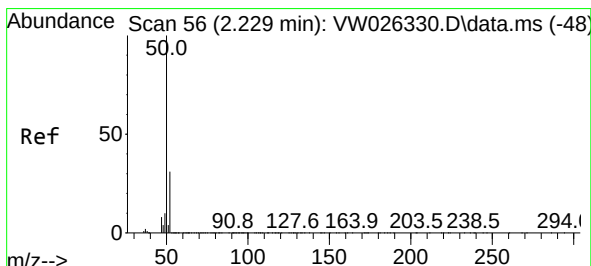
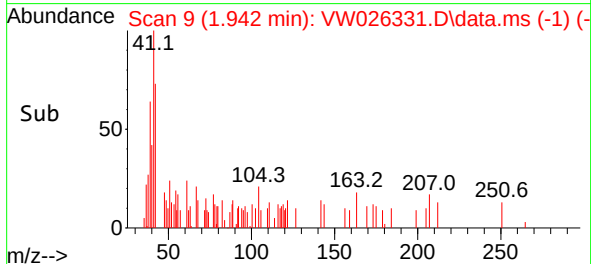
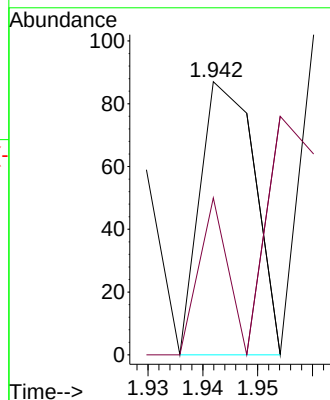
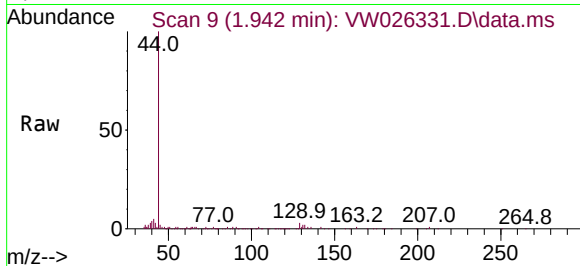




#2
Dichlorodifluoromethane
Concen: 0.008 ug/L
RT: 1.942 min Scan# 9
Delta R.T. -0.073 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

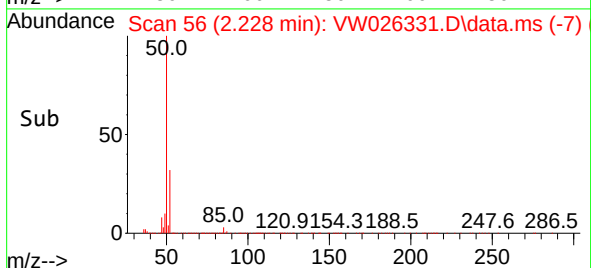
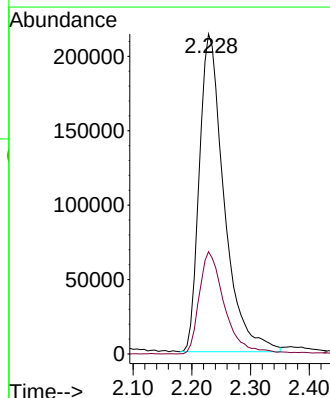
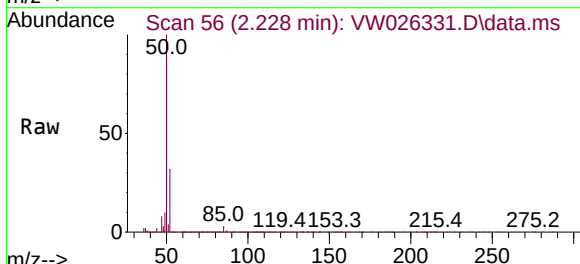
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

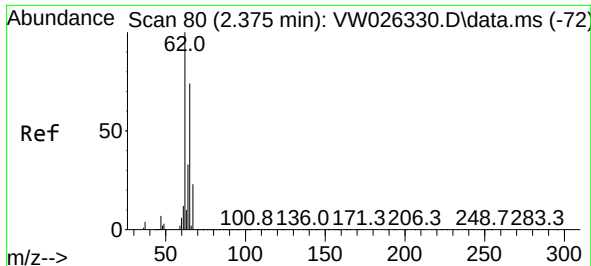
Tgt Ion: 85 Resp: 60
Ion Ratio Lower Upper
85 100
87 30.0 25.2 37.8



#3
Chloromethane
Concen: 54.193 ug/L
RT: 2.228 min Scan# 56
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion: 50 Resp: 626239
Ion Ratio Lower Upper
50 100
52 32.0 21.4 39.8

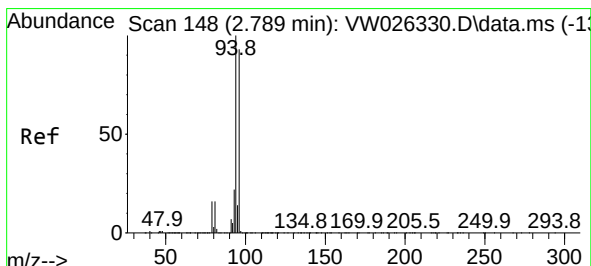
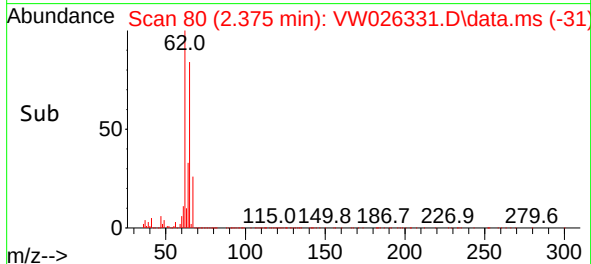
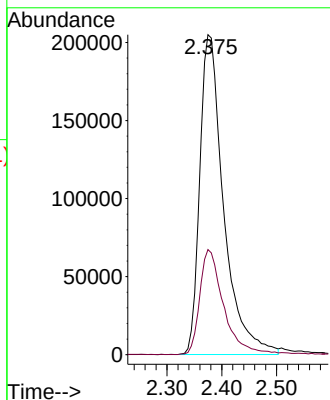
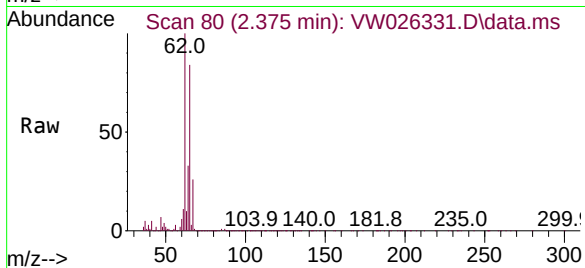




#5
 Vinyl chloride
 Concen: 51.565 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW026331.D
 Acq: 26 Jun 2023 12:24

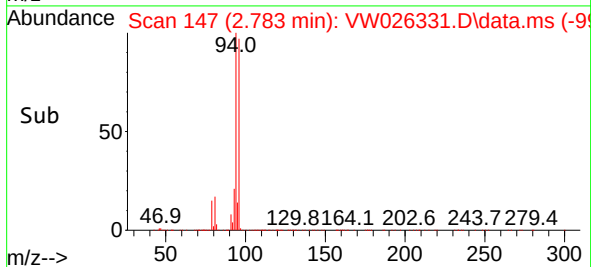
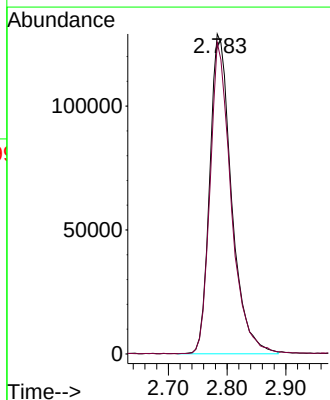
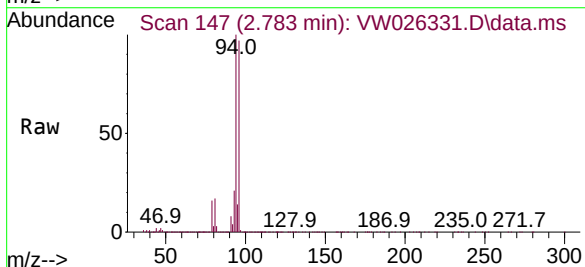
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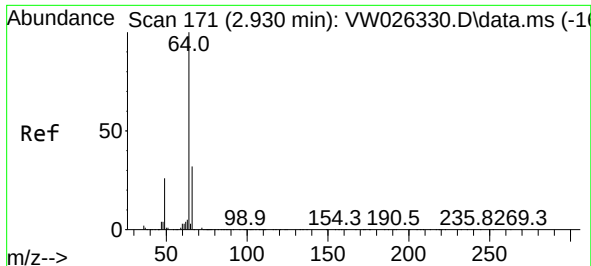
Tgt Ion: 62 Resp: 619553
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 50.439 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026331.D
 Acq: 26 Jun 2023 12:24

Tgt Ion: 94 Resp: 332635
 Ion Ratio Lower Upper
 94 100
 96 97.3 64.6 120.0

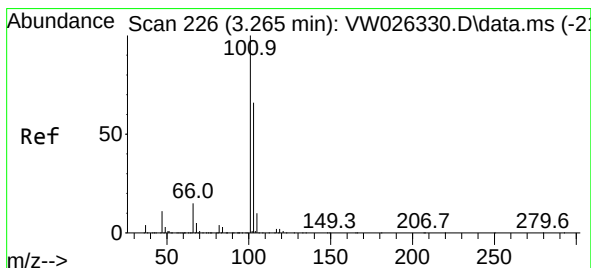
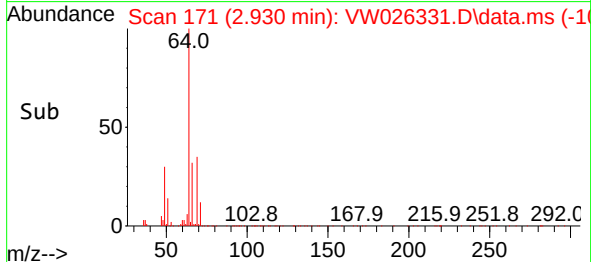
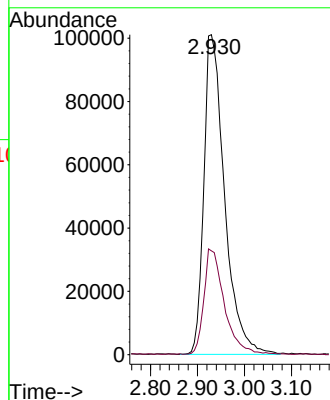
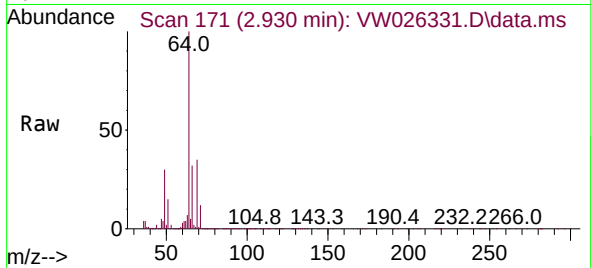




#8
Chloroethane
Concen: 48.022 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

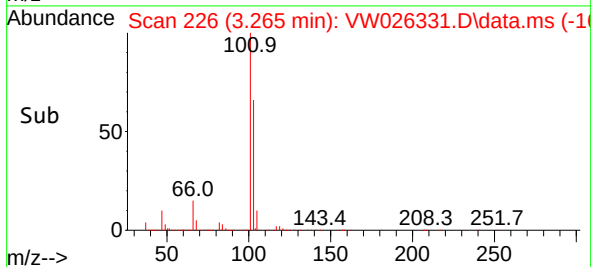
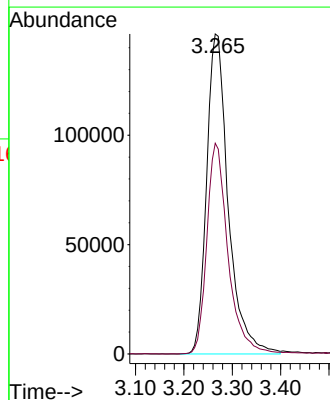
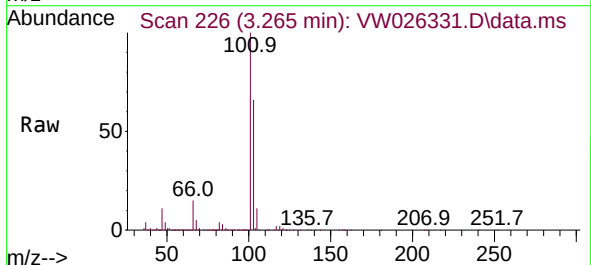
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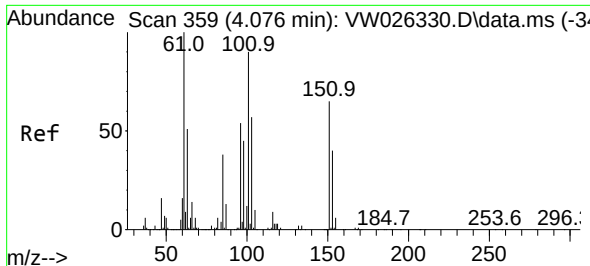
Tgt Ion: 64 Resp: 309390
Ion Ratio Lower Upper
64 100
66 32.5 22.5 41.7



#9
Trichlorofluoromethane
Concen: 53.550 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion: 101 Resp: 453822
Ion Ratio Lower Upper
101 100
103 64.6 52.9 79.3

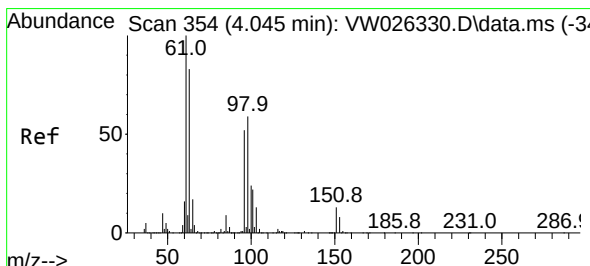
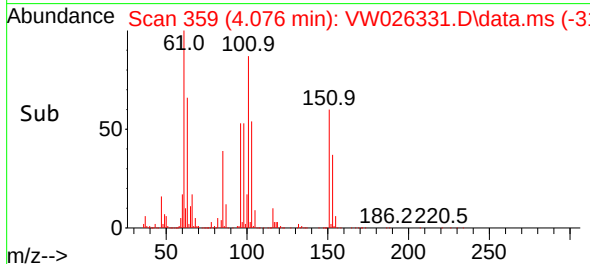
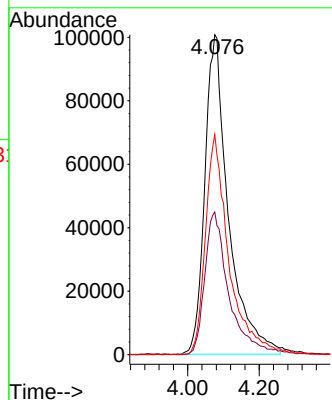
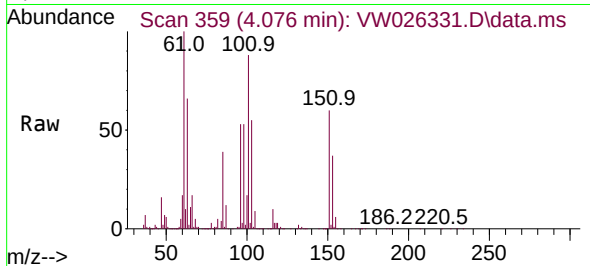




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.980 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW026331.D
 Acq: 26 Jun 2023 12:24

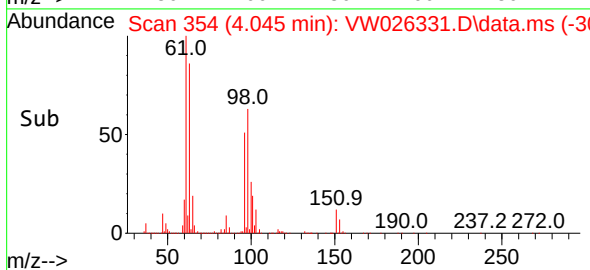
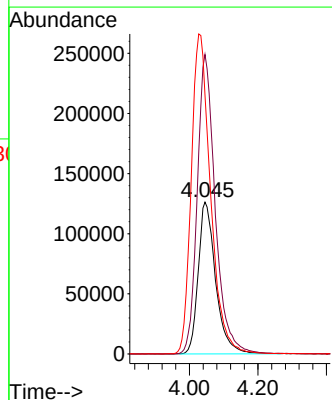
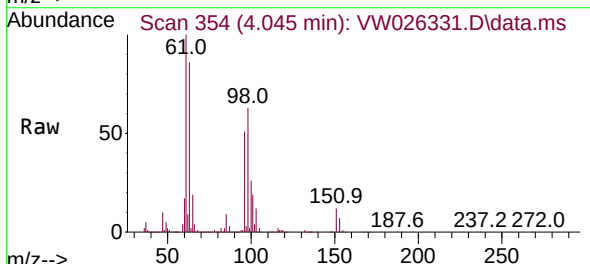
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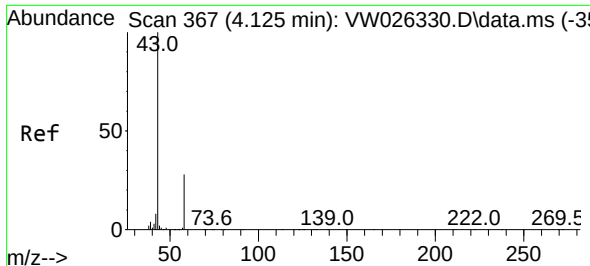
Tgt Ion:101 Resp: 461685
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.4 53.0
 151 67.7 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 52.056 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW026331.D
 Acq: 26 Jun 2023 12:24

Tgt Ion: 96 Resp: 447486
 Ion Ratio Lower Upper
 96 100
 61 197.3 134.3 249.3
 63 170.3 112.3 208.5

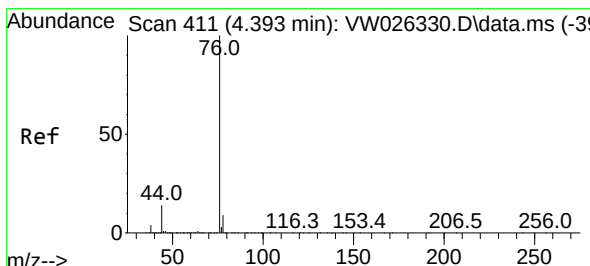
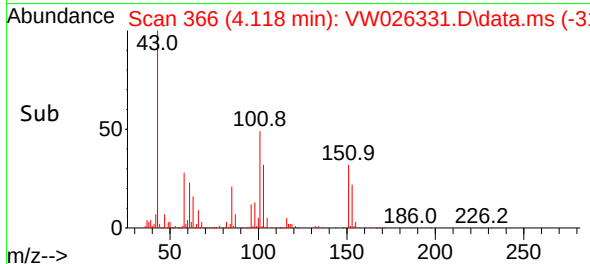
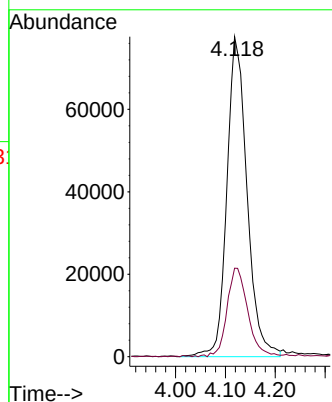
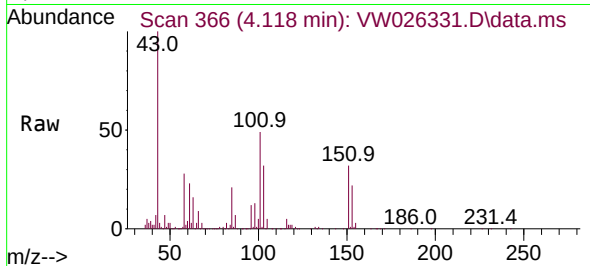




#13
Acetone
Concen: 89.706 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026331.D
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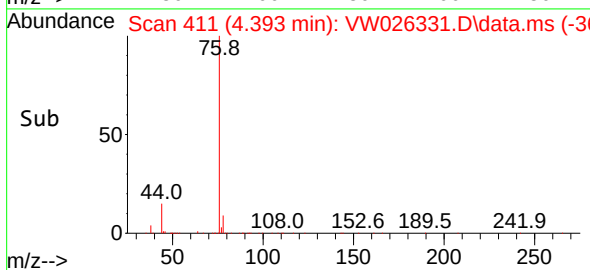
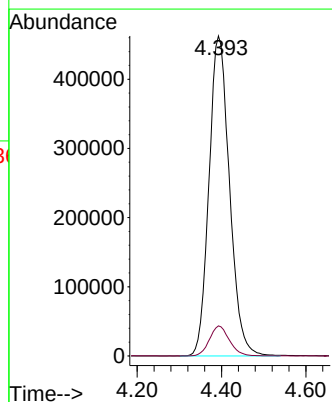
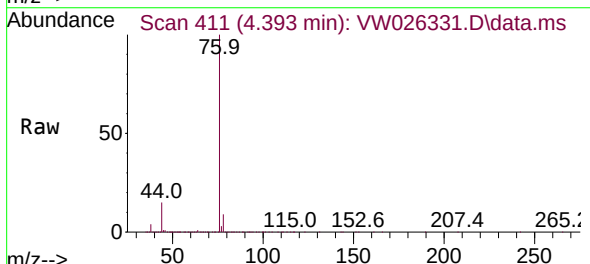
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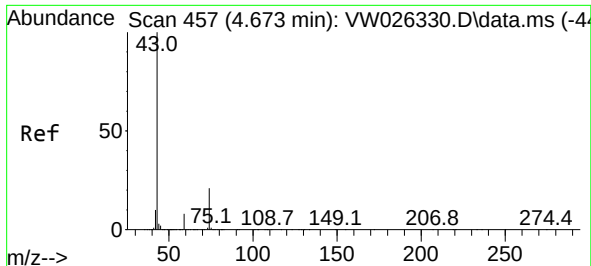
Tgt Ion: 43 Resp: 217950
Ion Ratio Lower Upper
43 100
58 28.4 0.0 55.8



#14
Carbon disulfide
Concen: 51.423 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 1562039
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

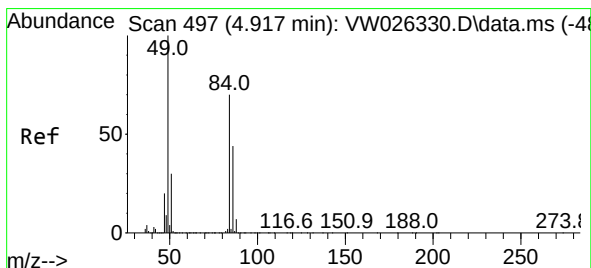
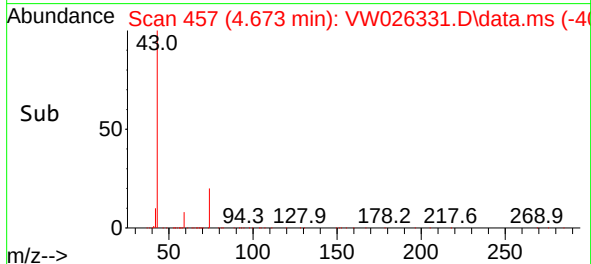
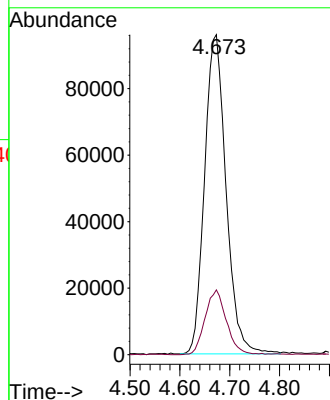
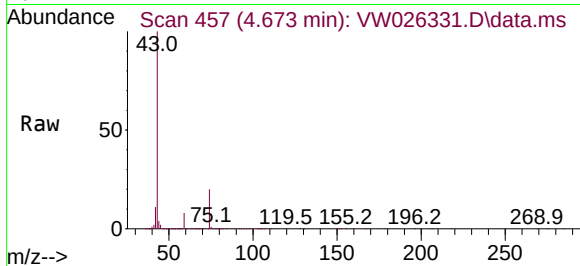




#15
Methyl Acetate
Concen: 52.118 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
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Acq: 26 Jun 2023 12:24

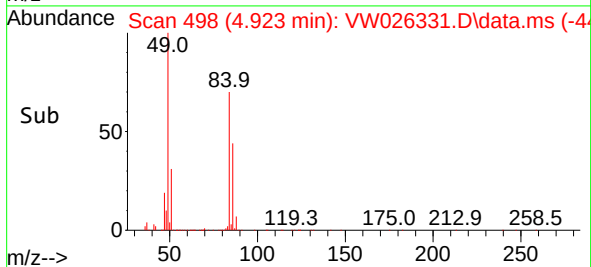
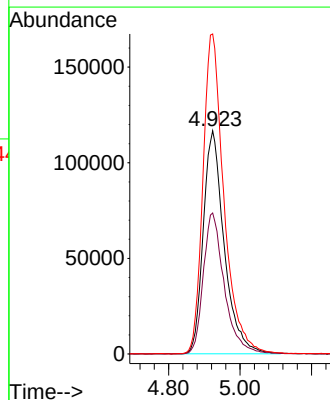
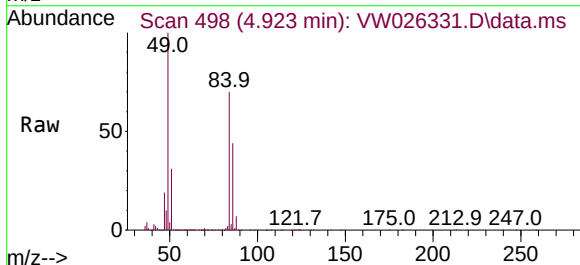
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

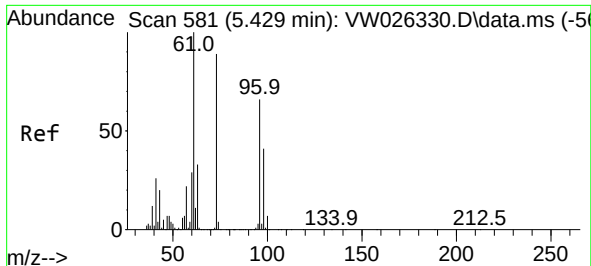
Tgt Ion: 43 Resp: 287460
Ion Ratio Lower Upper
43 100
74 20.1 16.3 24.5



#16
Methylene chloride
Concen: 42.089 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion: 84 Resp: 474762
Ion Ratio Lower Upper
84 100
86 63.1 43.9 81.5
49 143.3 100.4 186.4

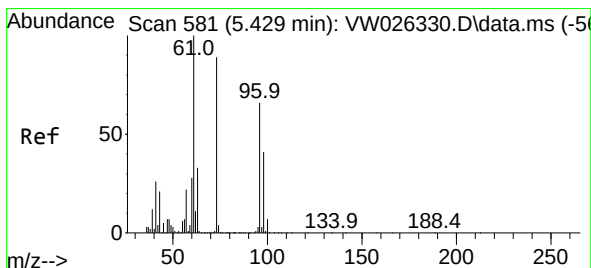
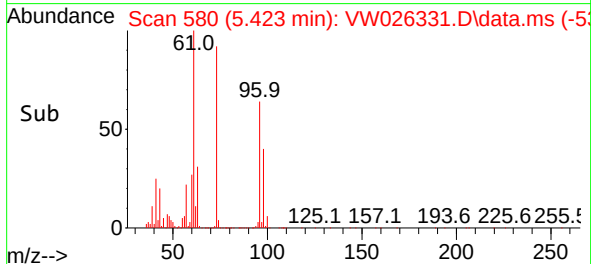
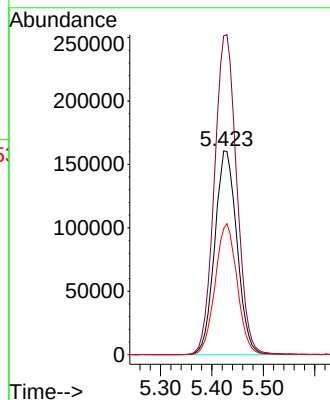
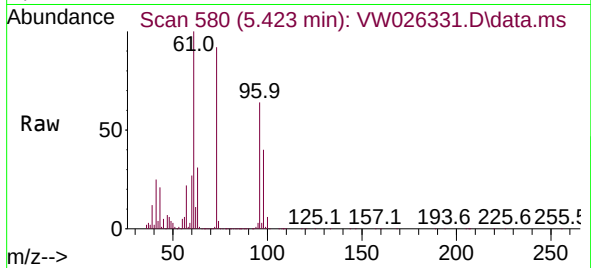




#17
trans-1,2-Dichloroethene
Concen: 51.057 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

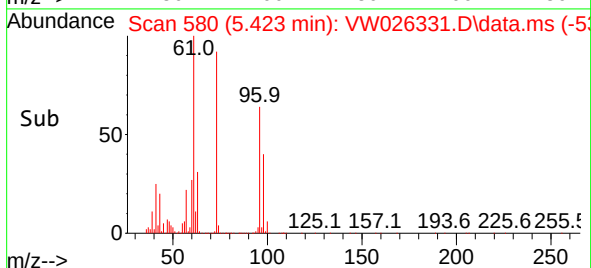
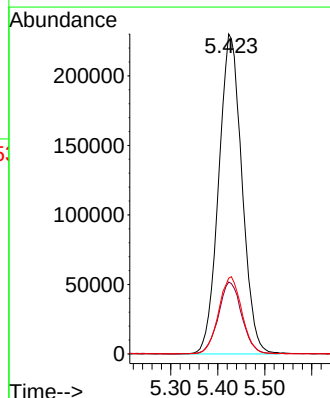
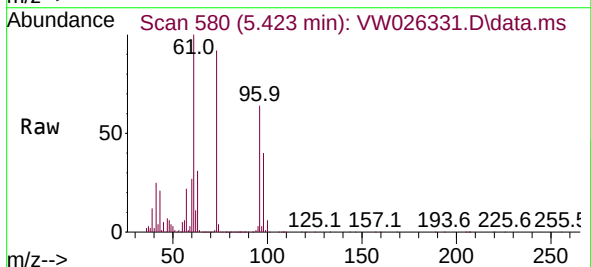
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

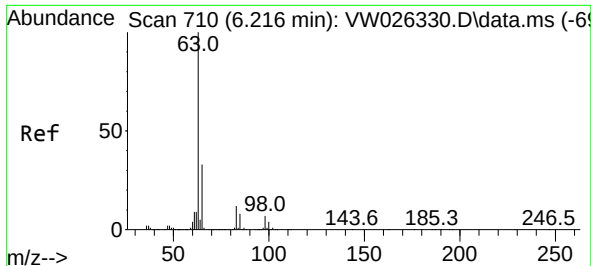
Tgt Ion: 96 Resp: 483277
Ion Ratio Lower Upper
96 100
61 156.5 106.1 197.1
98 61.8 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 53.452 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion: 73 Resp: 789884
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1
57 24.1 19.5 29.3





#19

1,1-Dichloroethane

Concen: 49.571 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD050468

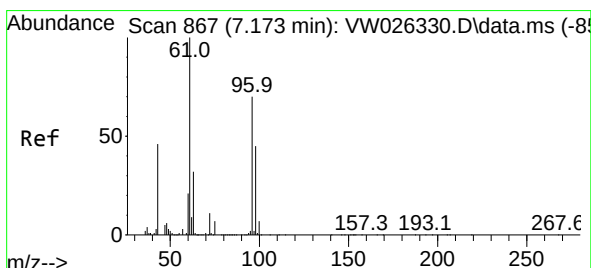
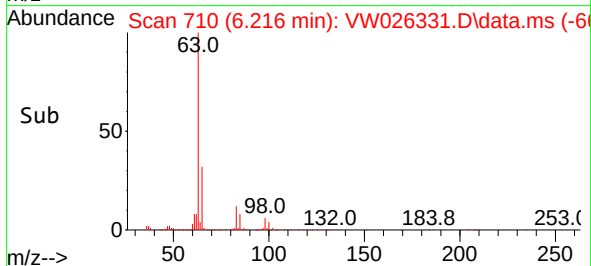
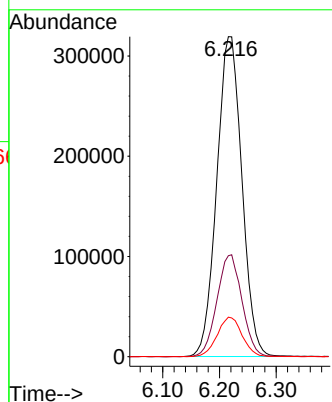
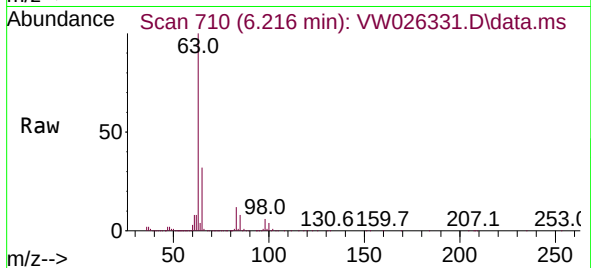
Tgt Ion: 63 Resp: 980905

Ion Ratio Lower Upper

63 100

65 31.6 22.8 42.4

83 12.4 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 50.933 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

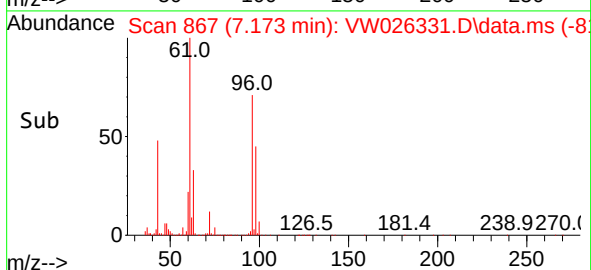
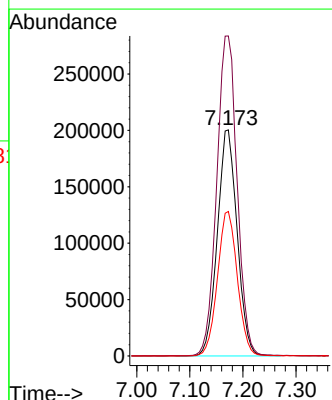
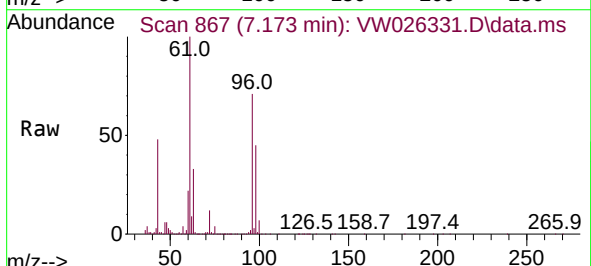
Tgt Ion: 96 Resp: 520045

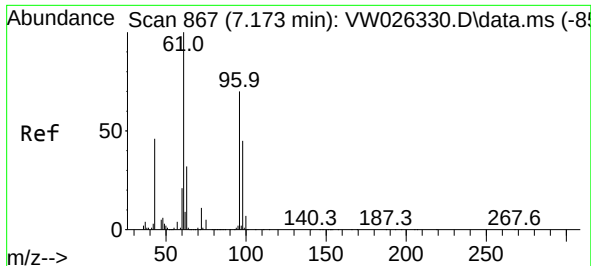
Ion Ratio Lower Upper

96 100

61 141.5 100.8 187.2

98 63.9 45.7 84.9

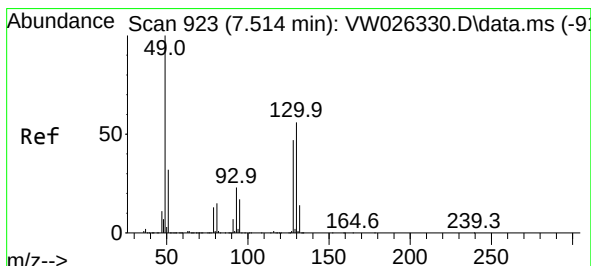
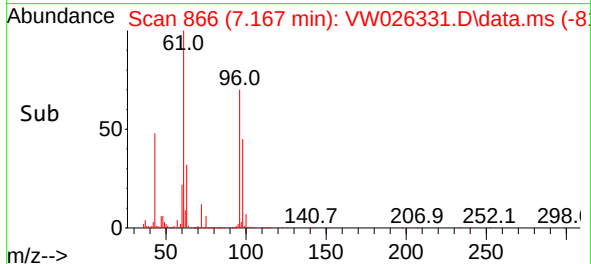
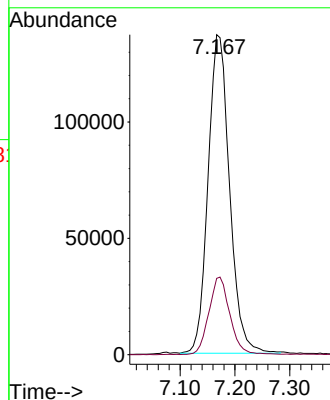
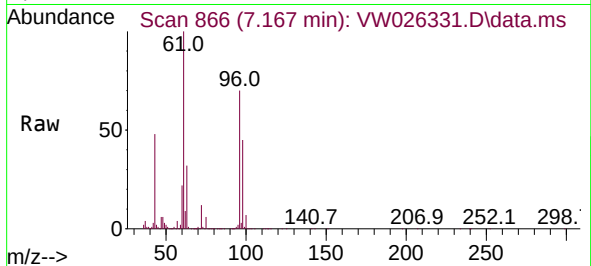




#22
2-Butanone
Concen: 100.081 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

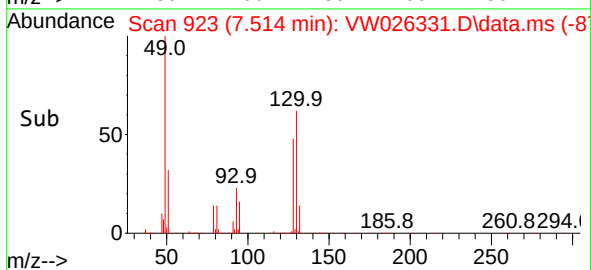
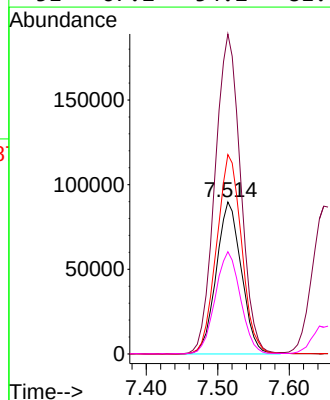
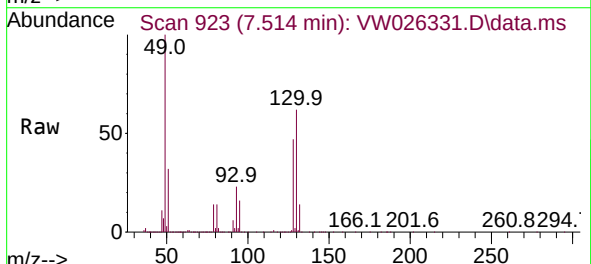
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

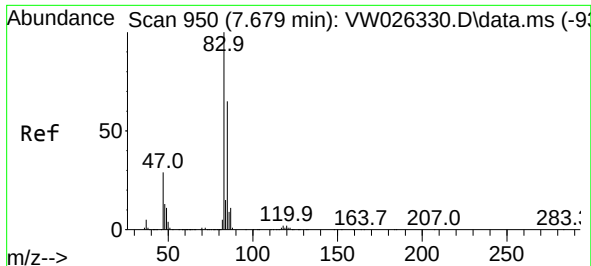
Tgt Ion: 43 Resp: 372030
Ion Ratio Lower Upper
43 100
72 23.6 11.8 35.3



#23
Bromochloromethane
Concen: 49.923 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion:128 Resp: 218639
Ion Ratio Lower Upper
128 100
49 210.6 148.5 275.9
130 131.2 82.6 153.4
51 67.2 54.2 81.4

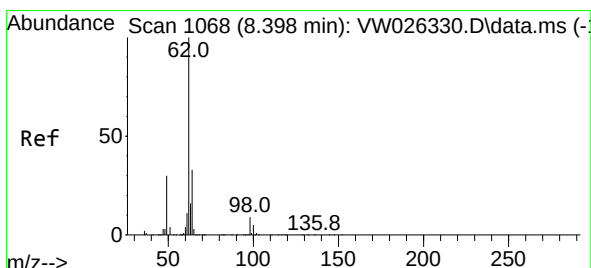
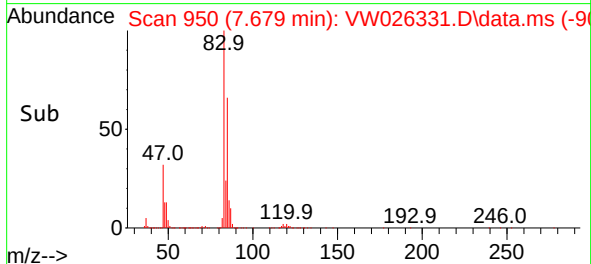
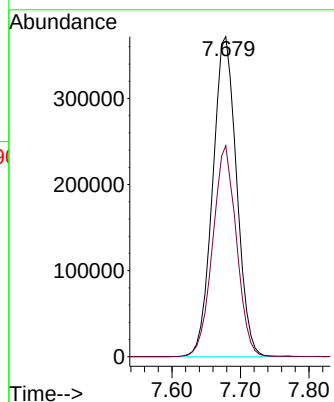
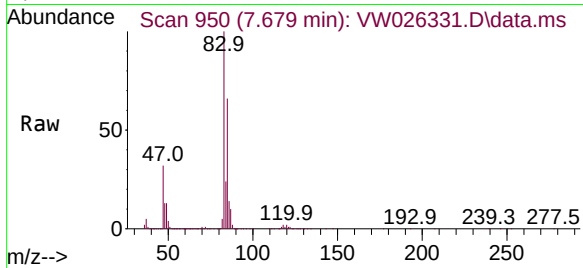




#25
Chloroform
Concen: 49.069 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

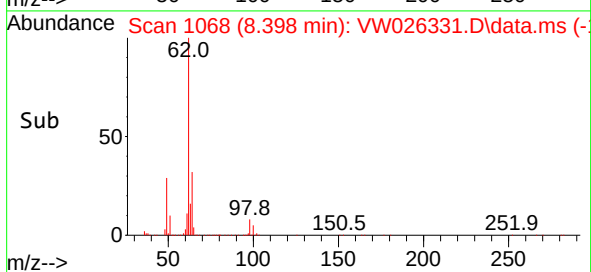
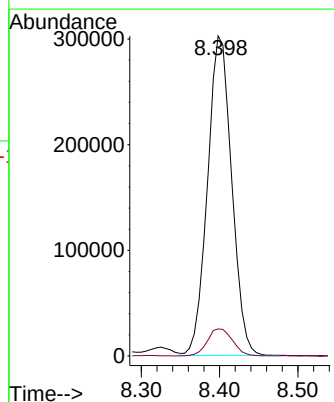
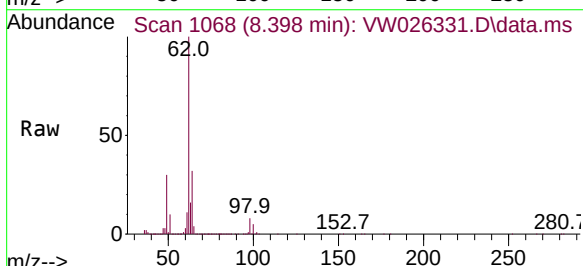
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

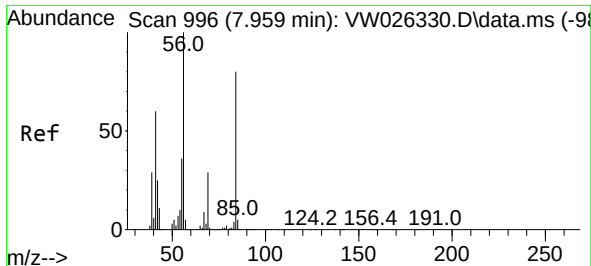
Tgt Ion: 83 Resp: 899877
Ion Ratio Lower Upper
83 100
85 65.9 45.3 84.1



#27
1,2-Dichloroethane
Concen: 49.273 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion: 62 Resp: 648451
Ion Ratio Lower Upper
62 100
98 8.4 7.5 11.3

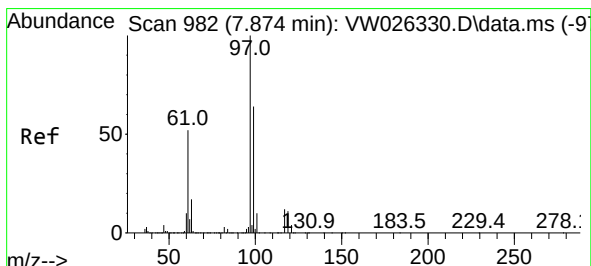
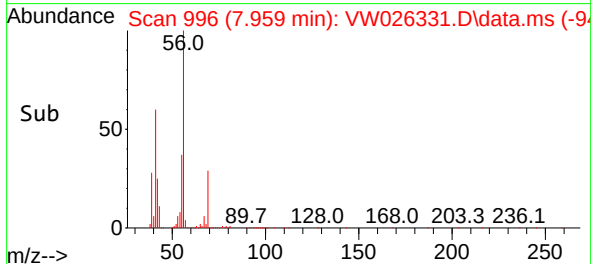
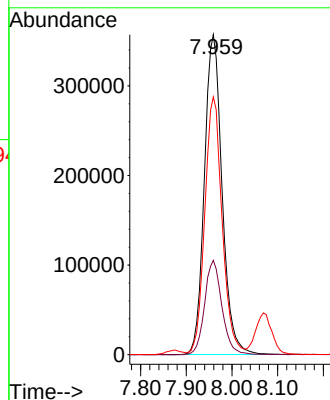
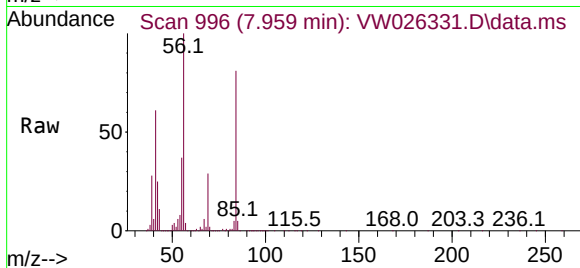




#29
Cyclohexane
Concen: 54.247 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

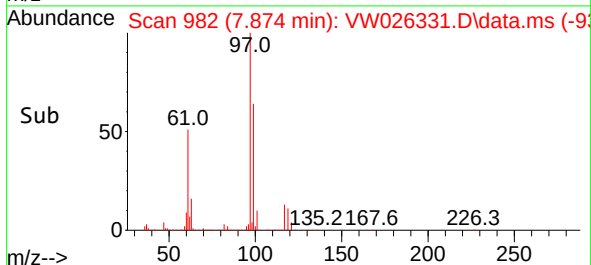
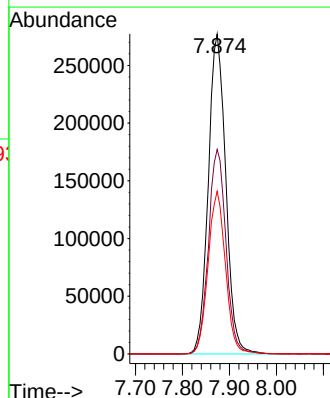
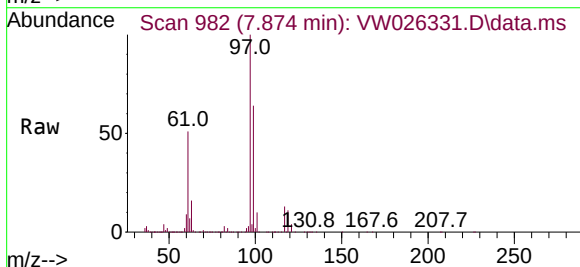
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

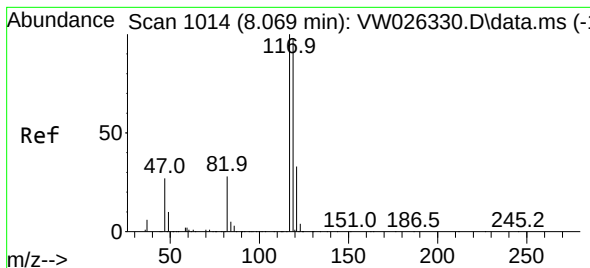
Tgt Ion: 56 Resp: 960260
Ion Ratio Lower Upper
56 100
69 28.8 23.0 34.4
84 79.0 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 48.190 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion: 97 Resp: 714637
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 50.8 41.4 62.2





#31

Carbon tetrachloride

Concen: 48.677 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Instrument :

MSVOA_W

ClientSampleId :

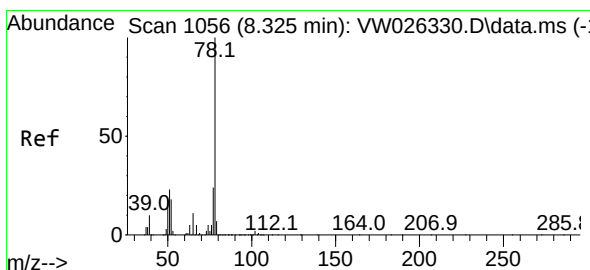
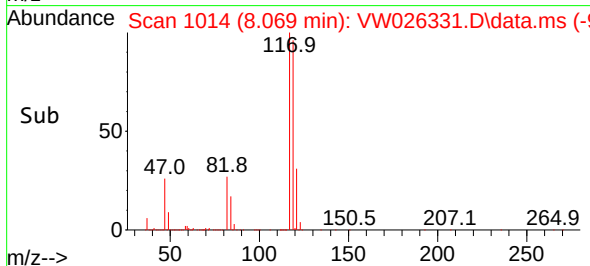
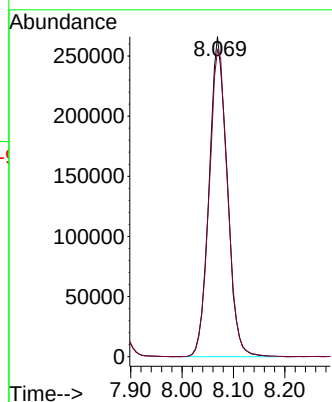
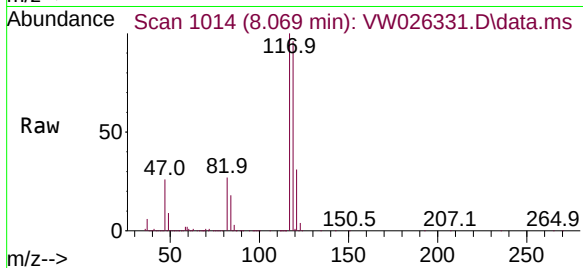
VSTD050468

Tgt Ion:117 Resp: 648906

Ion Ratio Lower Upper

117 100

119 98.2 77.7 116.5



#33

Benzene

Concen: 49.603 ug/L

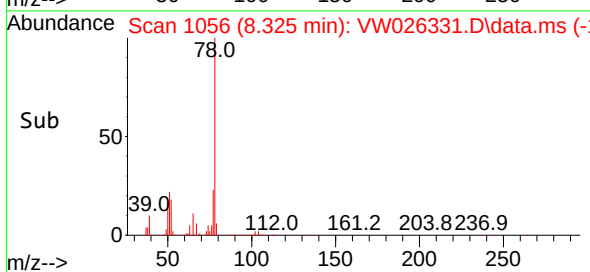
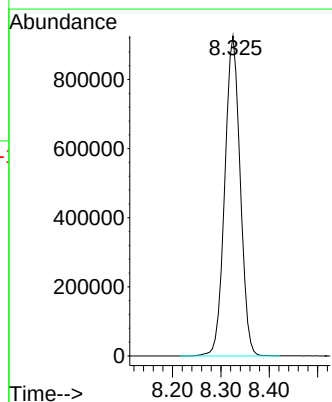
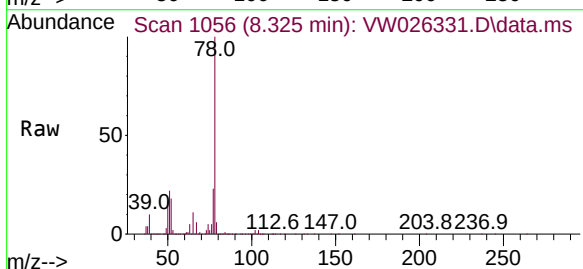
RT: 8.325 min Scan# 1056

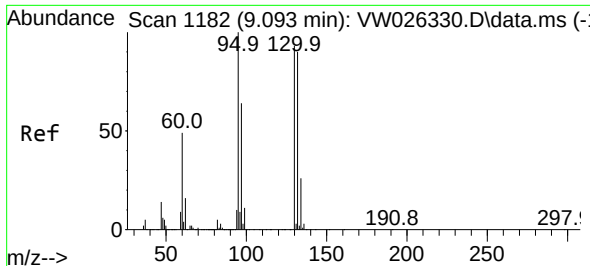
Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Tgt Ion: 78 Resp: 2053933

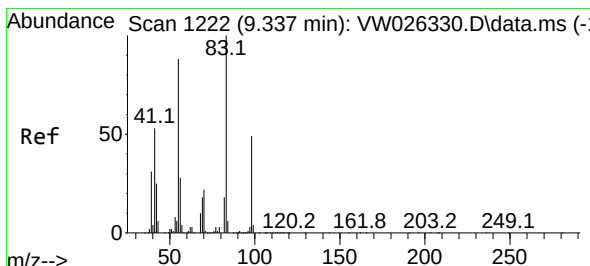
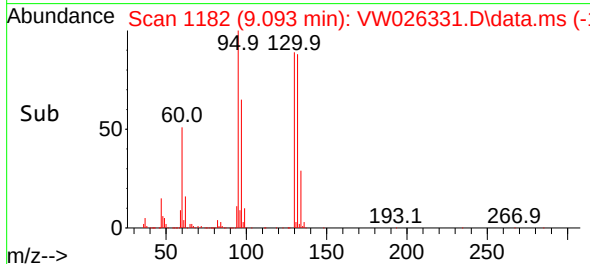
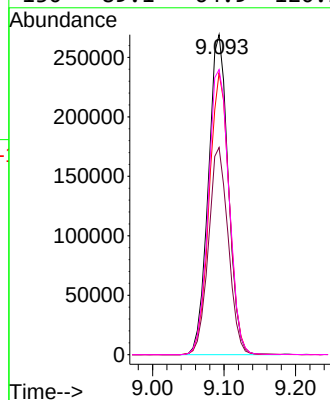
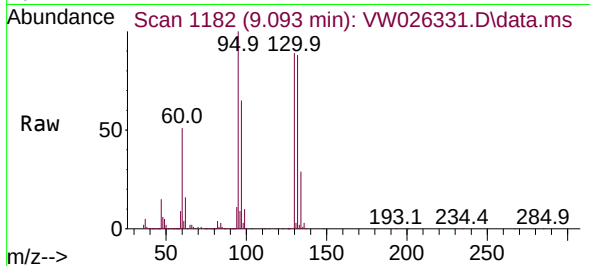




#34
Trichloroethene
Concen: 49.095 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

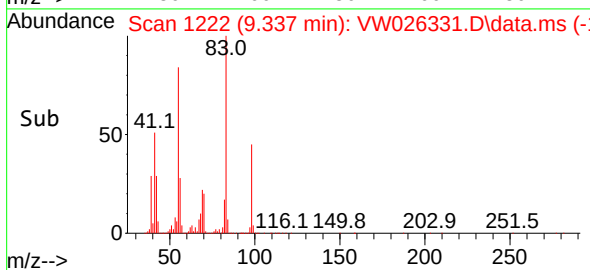
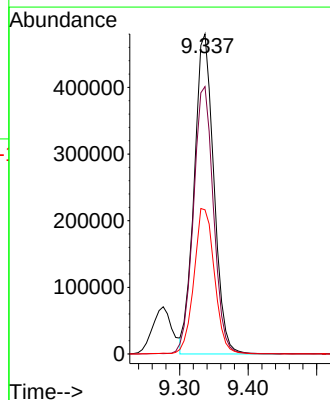
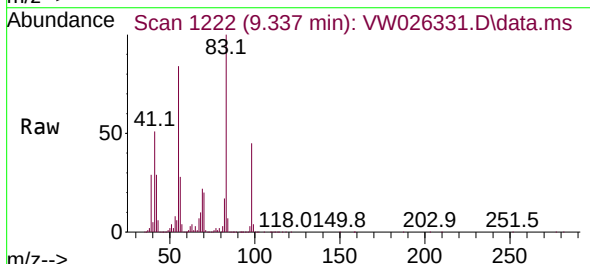
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

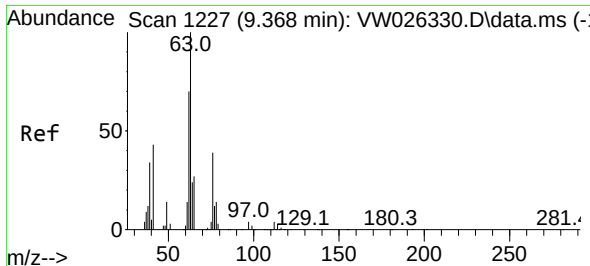
Tgt Ion: 95 Resp: 520497
Ion Ratio Lower Upper
95 100
97 64.8 44.5 82.7
132 88.1 63.3 117.5
130 89.1 64.9 120.5



#35
Methylcyclohexane
Concen: 52.691 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion: 83 Resp: 957971
Ion Ratio Lower Upper
83 100
55 85.2 68.8 103.2
98 47.4 37.8 56.6





#37

1,2-Dichloropropane

Concen: 49.275 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Instrument :

MSVOA_W

ClientSampleId :

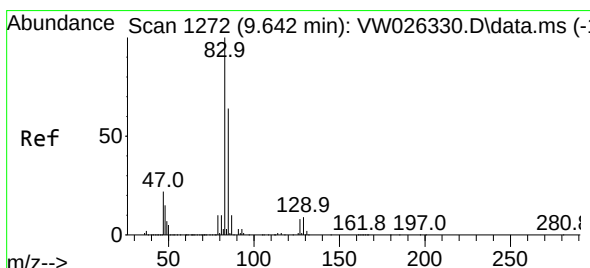
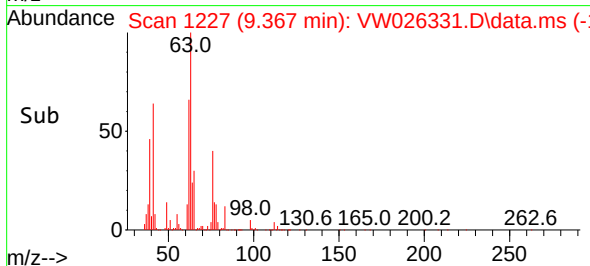
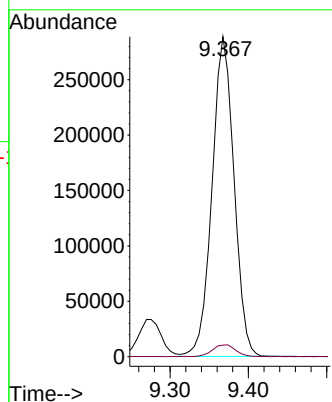
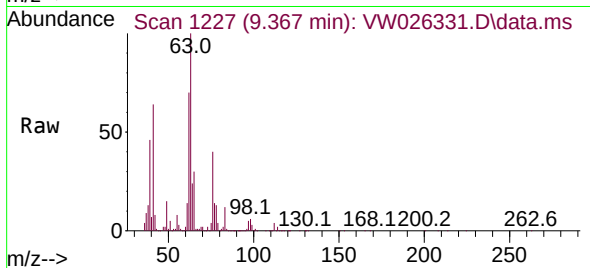
VSTD050468

Tgt Ion: 63 Resp: 563282

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.6



#38

Bromodichloromethane

Concen: 48.847 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

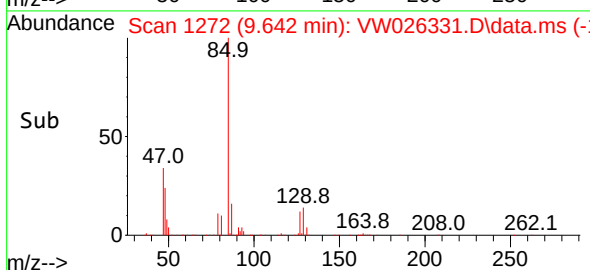
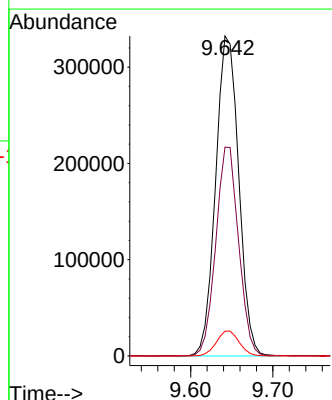
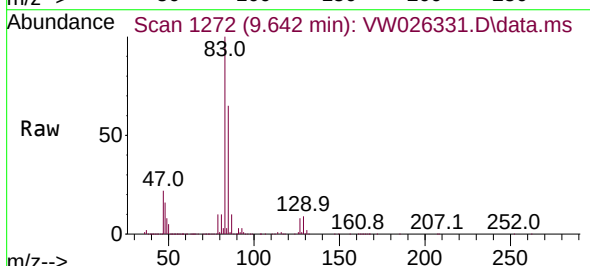
Tgt Ion: 83 Resp: 648958

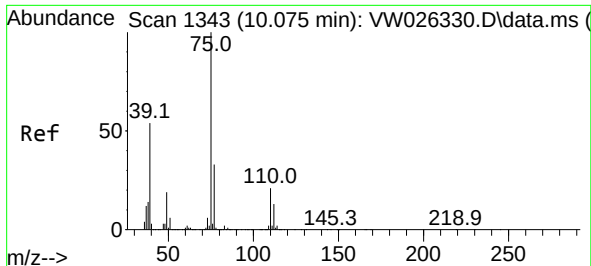
Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.5

127 7.8 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 52.540 ug/L

RT: 10.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Instrument :

MSVOA_W

ClientSampleId :

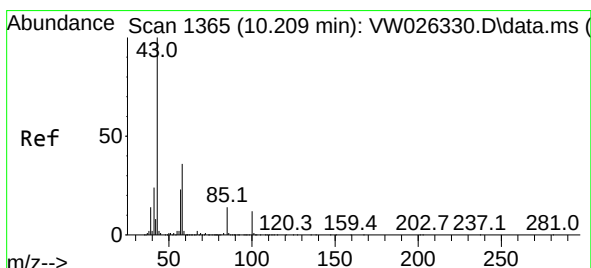
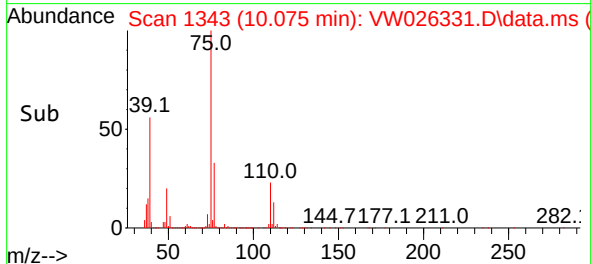
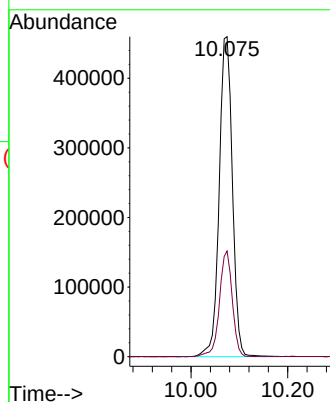
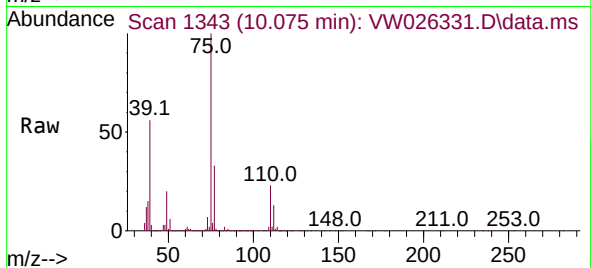
VSTD050468

Tgt Ion: 75 Resp: 870844

Ion Ratio Lower Upper

75 100

77 33.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 110.075 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

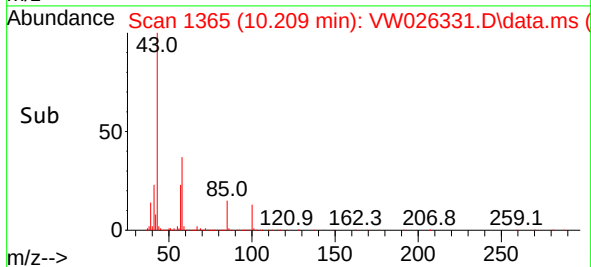
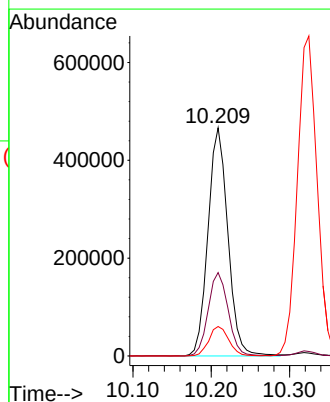
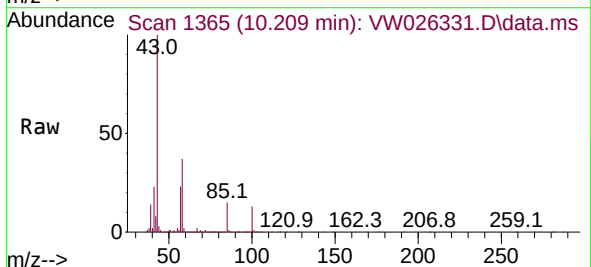
Tgt Ion: 43 Resp: 821960

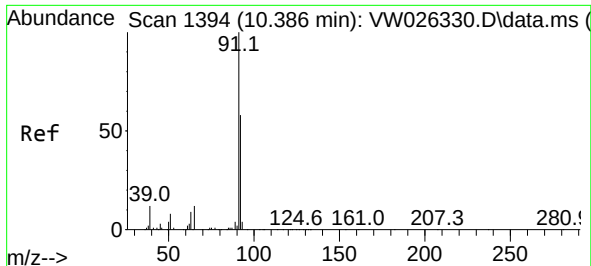
Ion Ratio Lower Upper

43 100

58 36.7 28.6 42.8

100 13.0 9.9 14.9

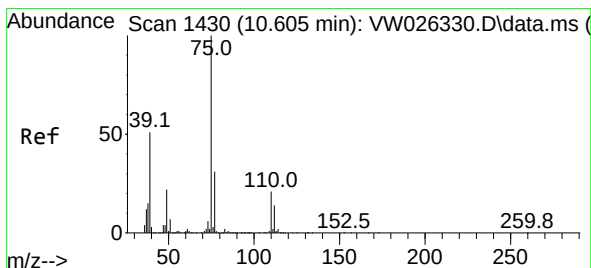
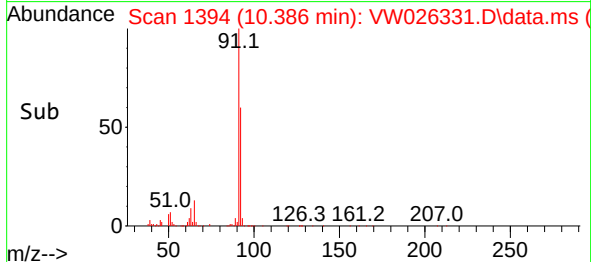
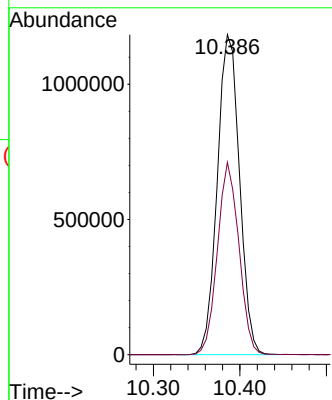
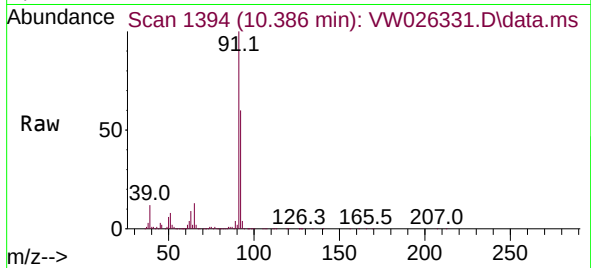




#42
Toluene
Concen: 50.750 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

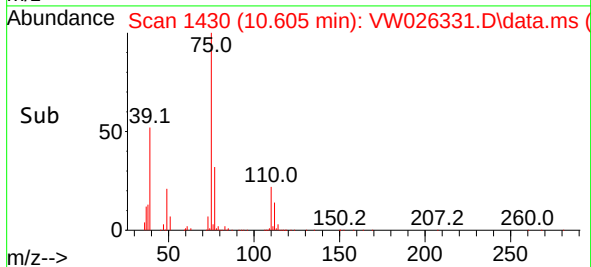
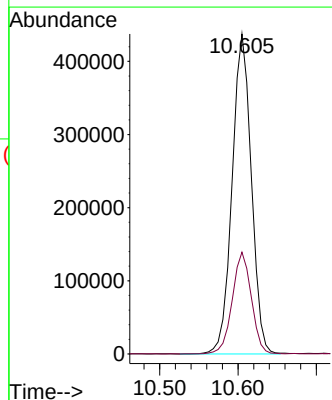
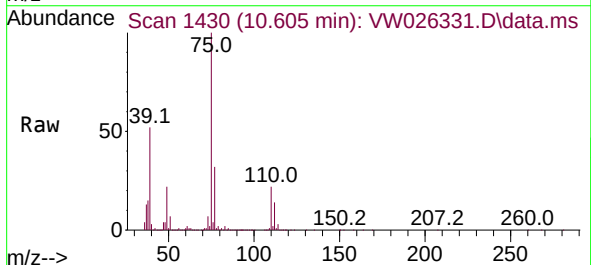
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

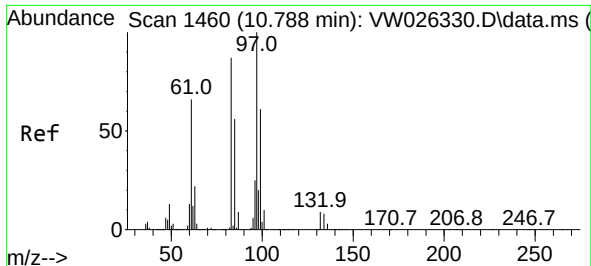
Tgt Ion: 91 Resp: 2108087
Ion Ratio Lower Upper
91 100
92 60.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 53.200 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion: 75 Resp: 744319
Ion Ratio Lower Upper
75 100
77 31.8 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 49.671 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD050468

Tgt Ion: 97 Resp: 384751

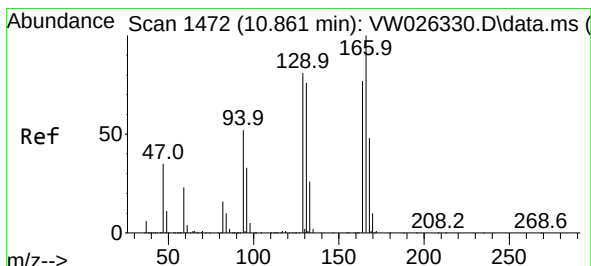
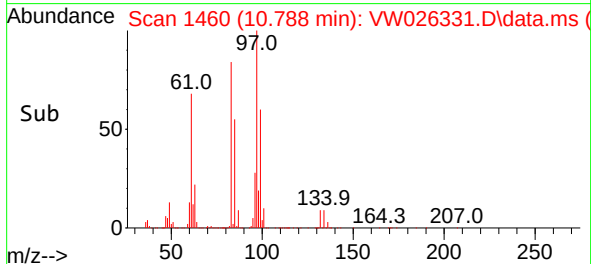
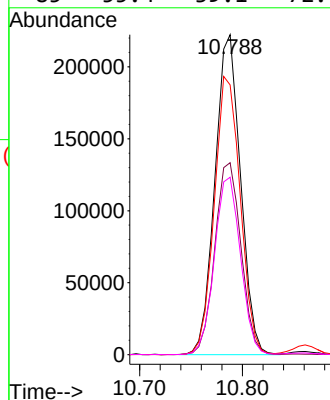
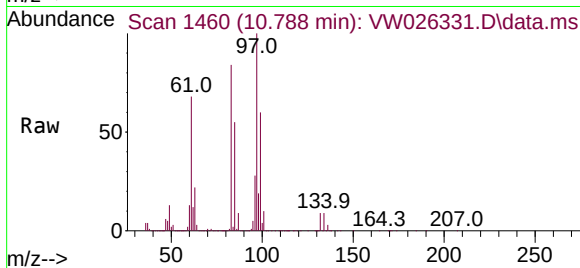
Ion Ratio Lower Upper

97 100

99 60.0 42.4 78.6

83 84.3 60.8 113.0

85 55.4 39.1 72.7



#46

Tetrachloroethene

Concen: 49.444 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Tgt Ion:164 Resp: 369305

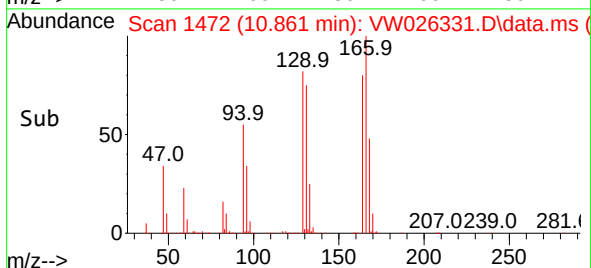
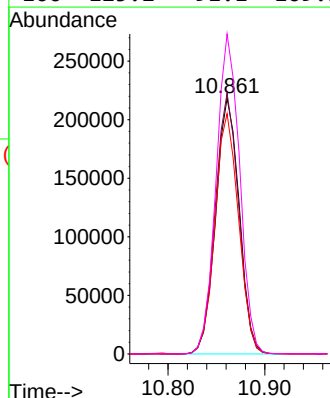
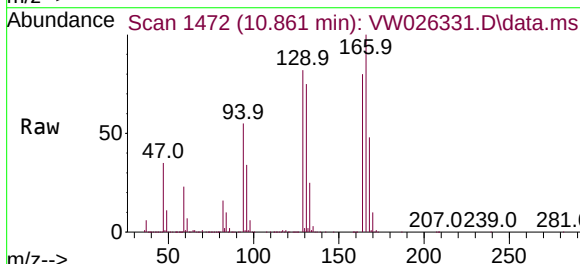
Ion Ratio Lower Upper

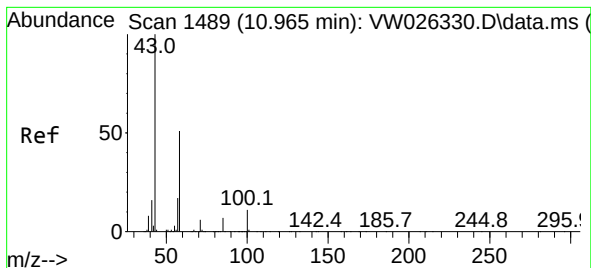
164 100

129 102.1 73.8 137.0

131 94.0 69.0 128.2

166 125.2 91.1 169.3





#48

2-Hexanone

Concen: 110.561 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD050468

Tgt Ion: 43 Resp: 582531

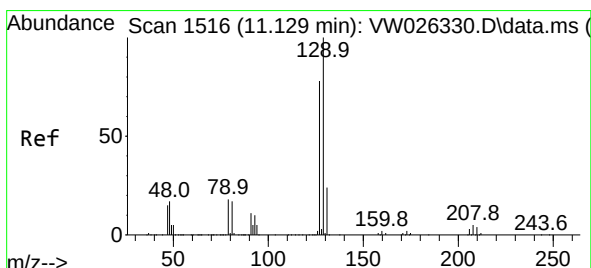
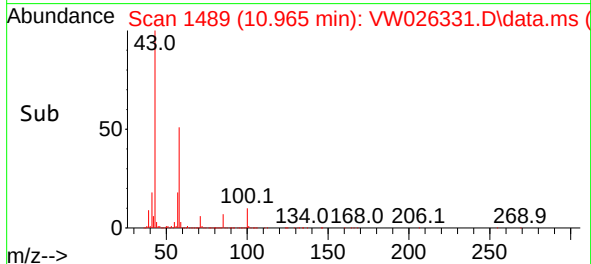
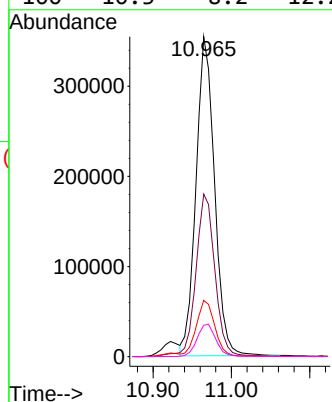
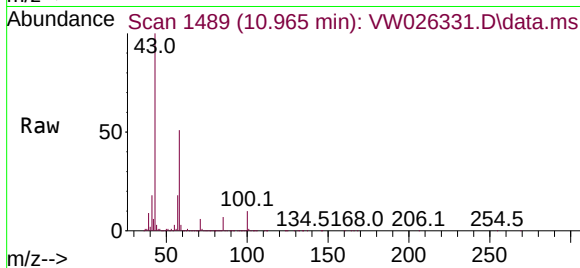
Ion Ratio Lower Upper

43 100

58 52.7 40.1 60.1

57 17.2 13.4 20.0

100 10.3 8.2 12.2



#49

Dibromochloromethane

Concen: 51.165 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW026331.D

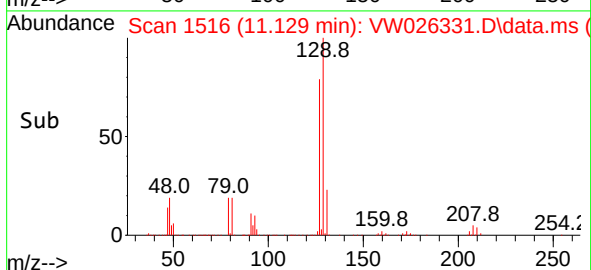
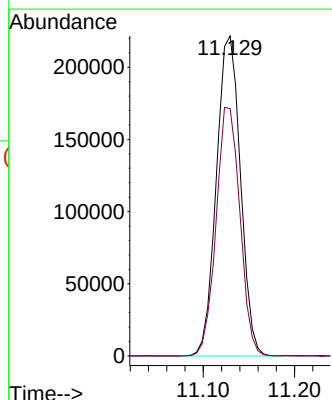
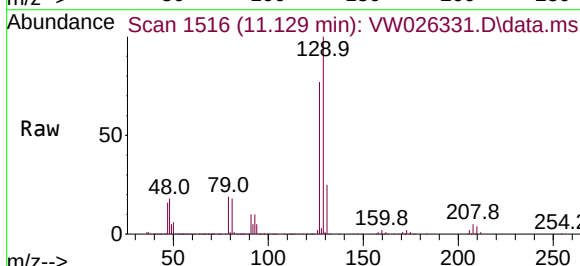
Acq: 26 Jun 2023 12:24

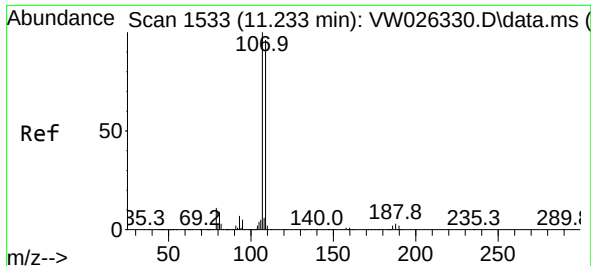
Tgt Ion:129 Resp: 405811

Ion Ratio Lower Upper

129 100

127 77.4 54.4 101.0





#50

1,2-Dibromoethane

Concen: 51.475 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD050468

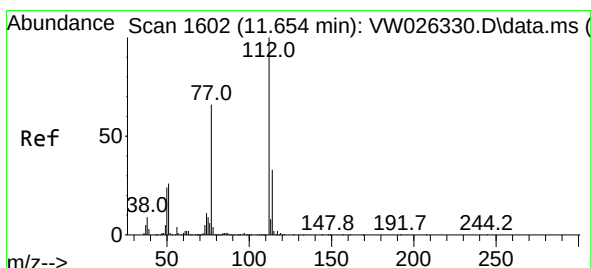
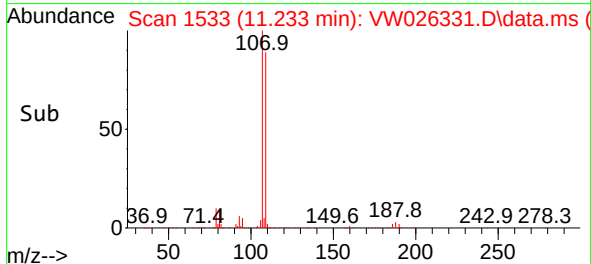
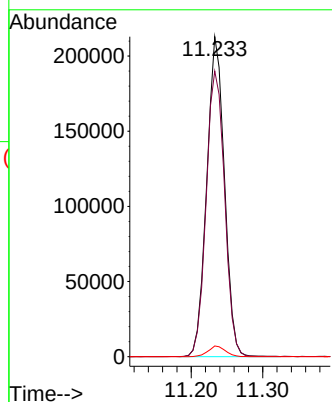
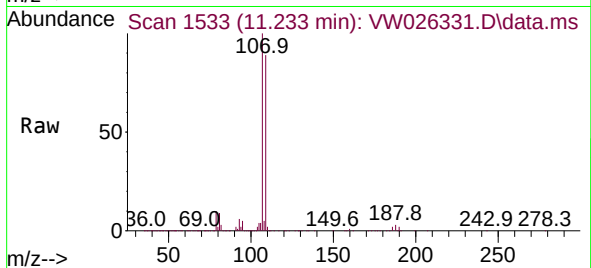
Tgt Ion:107 Resp: 366067

Ion Ratio Lower Upper

107 100

109 89.3 67.1 124.5

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 49.593 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

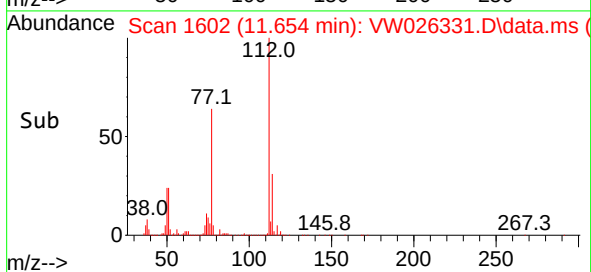
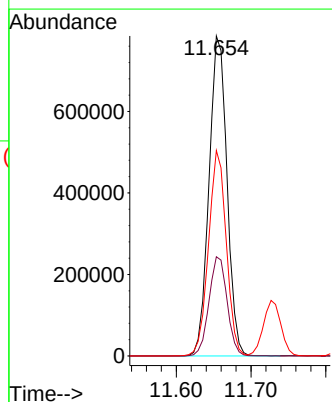
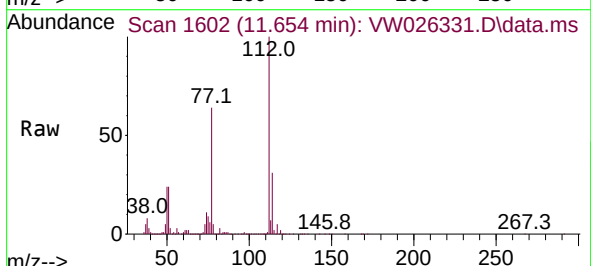
Tgt Ion:112 Resp: 1313412

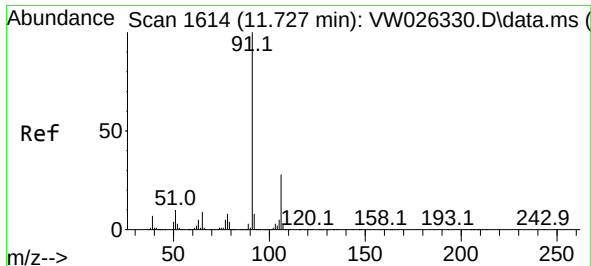
Ion Ratio Lower Upper

112 100

114 31.0 23.0 42.8

77 64.2 53.2 79.8

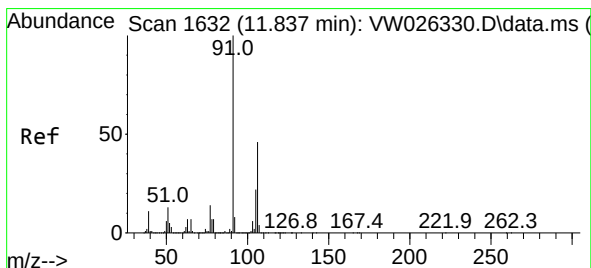
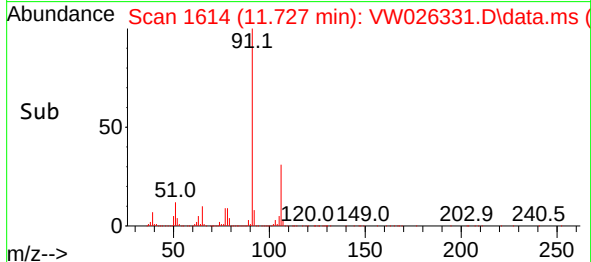
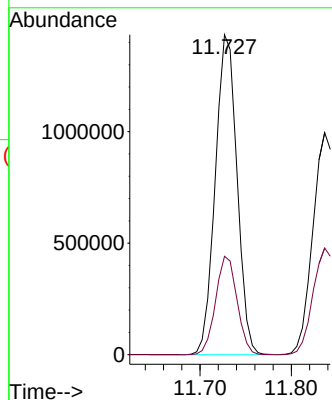
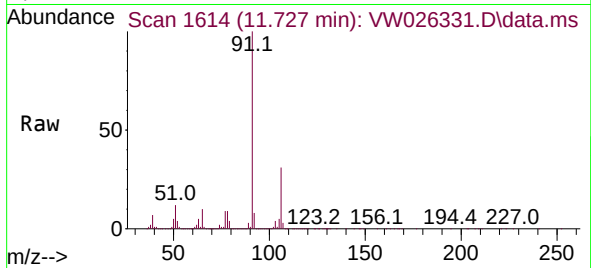




#52
Ethylbenzene
Concen: 50.673 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

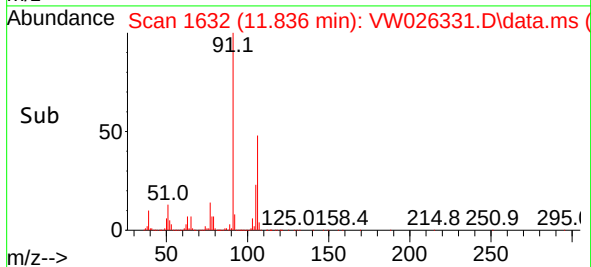
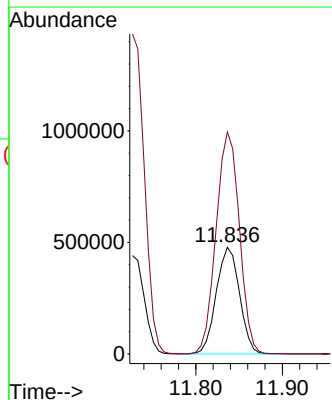
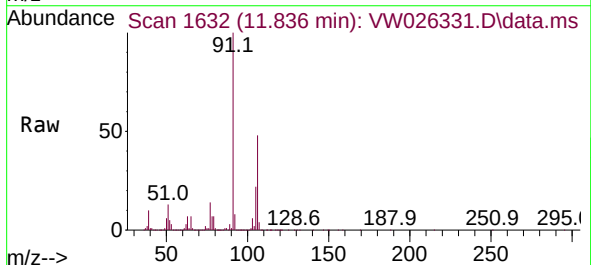
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

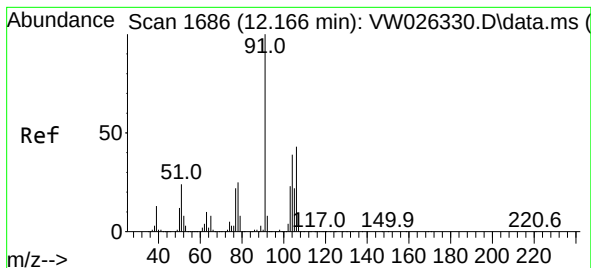
Tgt Ion: 91 Resp: 2371799
Ion Ratio Lower Upper
91 100
106 30.8 19.9 36.9



#53
m,p-Xylene
Concen: 52.152 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion: 106 Resp: 890247
Ion Ratio Lower Upper
106 100
91 208.1 152.1 282.5

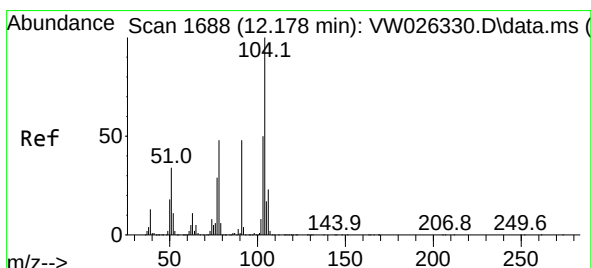
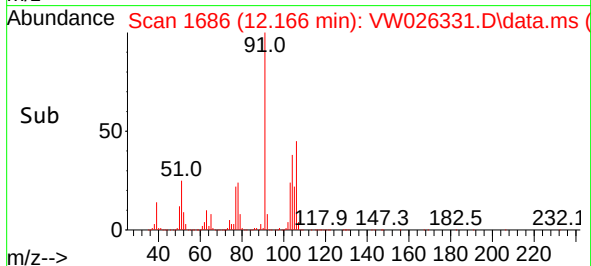
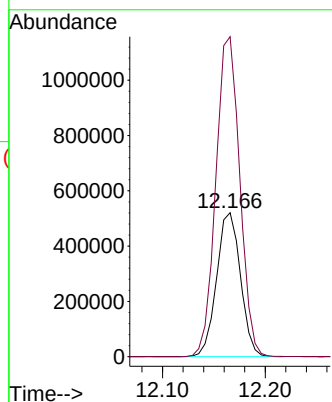
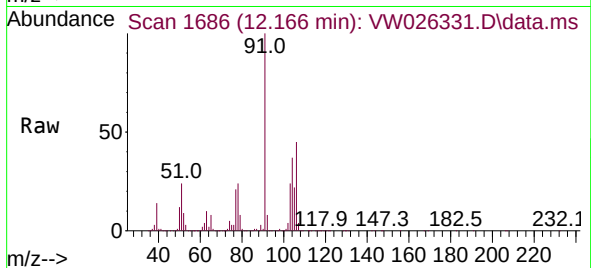




#54
o-Xylene
Concen: 52.141 ug/L
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

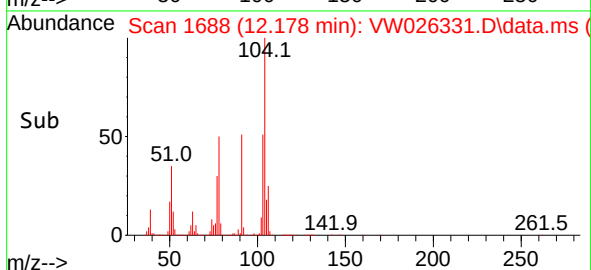
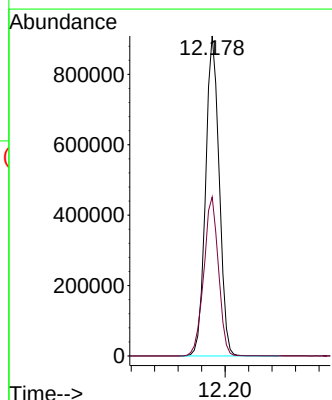
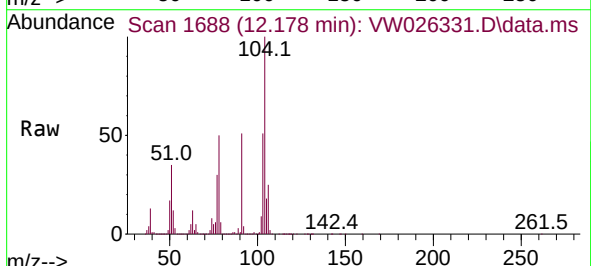
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

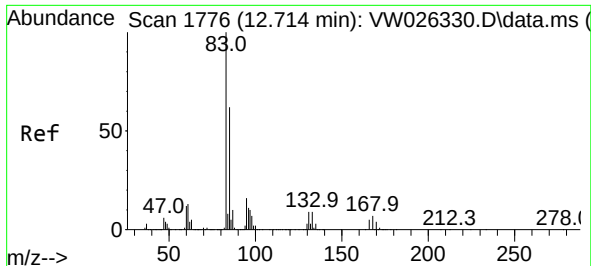
Tgt Ion:106 Resp: 838041
Ion Ratio Lower Upper
106 100
91 222.1 161.5 299.9



#55
Styrene
Concen: 52.112 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion:104 Resp: 1460830
Ion Ratio Lower Upper
104 100
78 49.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 50.822 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD050468

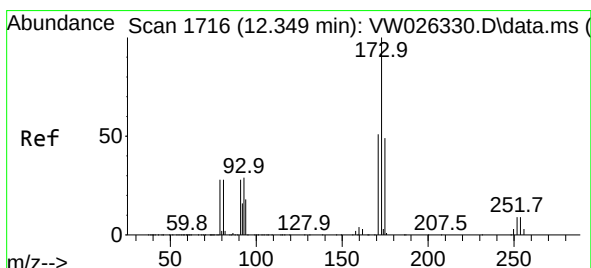
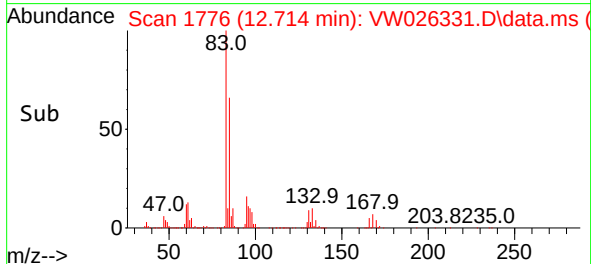
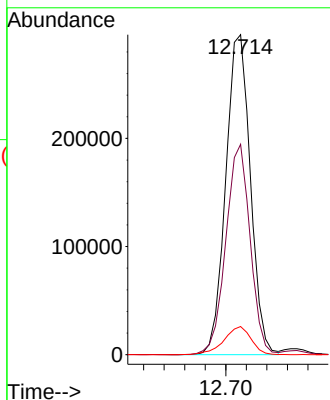
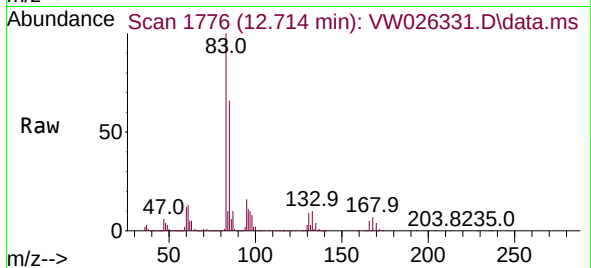
Tgt Ion: 83 Resp: 492067

Ion Ratio Lower Upper

83 100

85 65.7 43.7 81.1

131 8.8 7.4 11.0



#59

Bromoform

Concen: 52.555 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

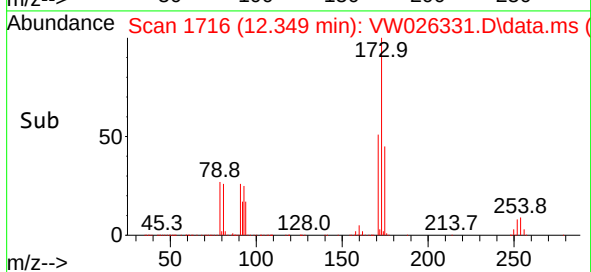
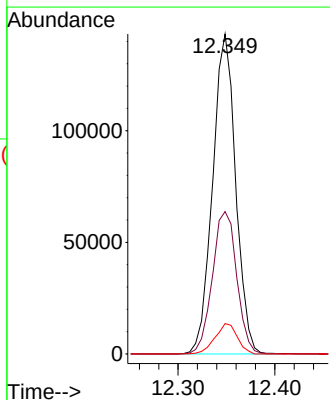
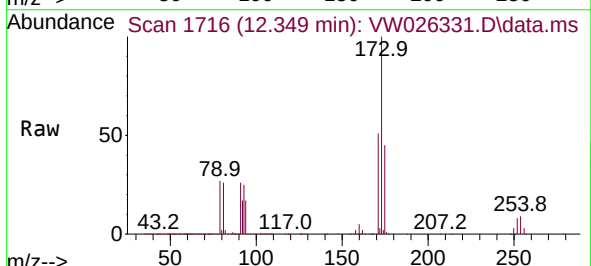
Tgt Ion: 173 Resp: 237289

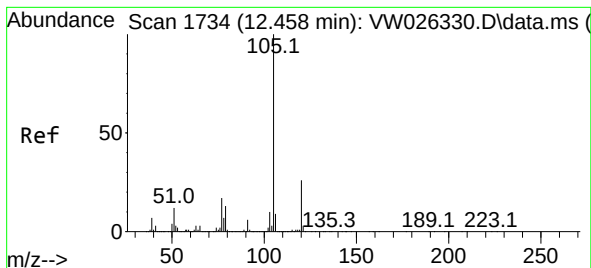
Ion Ratio Lower Upper

173 100

175 47.0 39.7 59.5

254 9.2 7.1 10.7

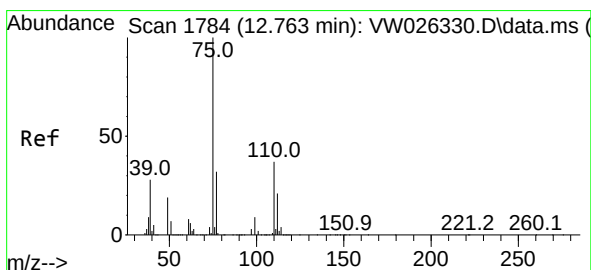
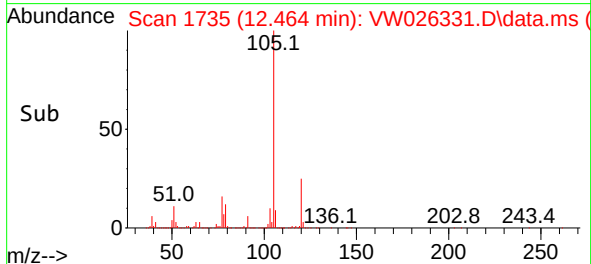
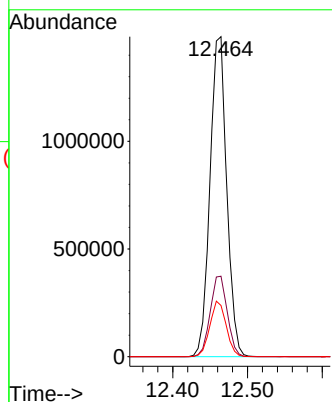
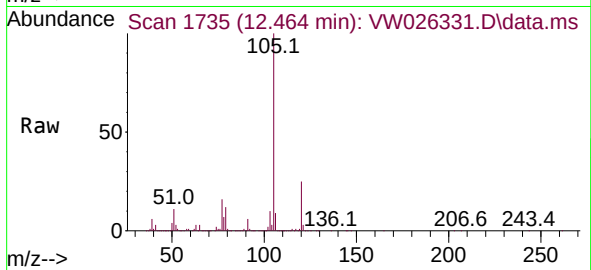




#60
Isopropylbenzene
Concen: 51.555 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

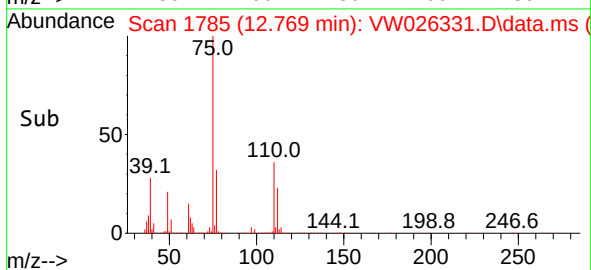
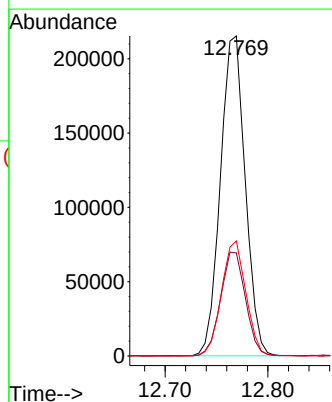
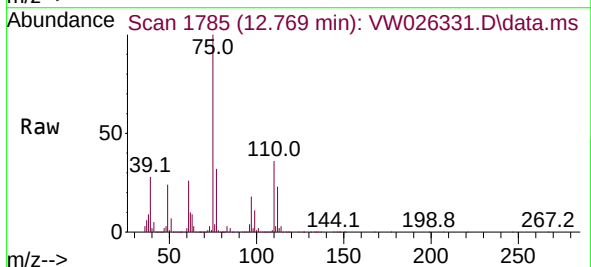
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

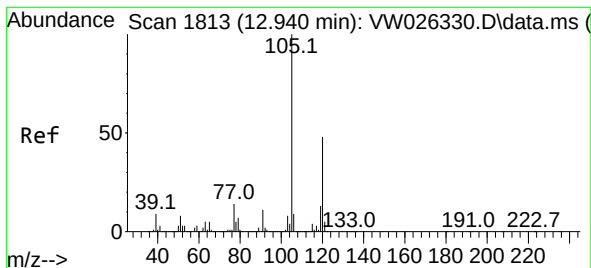
Tgt Ion:105 Resp: 2312628
Ion Ratio Lower Upper
105 100
120 25.7 20.4 30.6
77 17.0 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 49.781 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion: 75 Resp: 361167
Ion Ratio Lower Upper
75 100
77 32.5 25.9 38.9
110 35.3 29.4 44.0

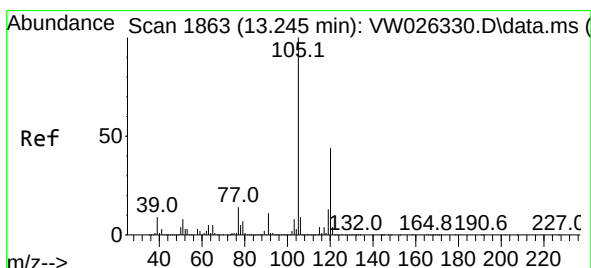
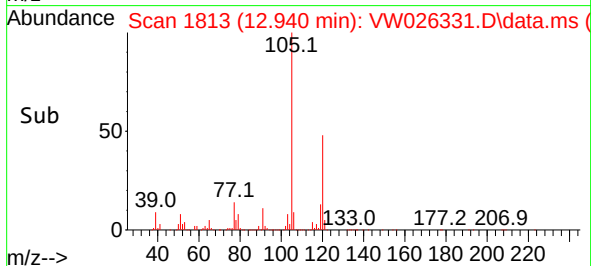
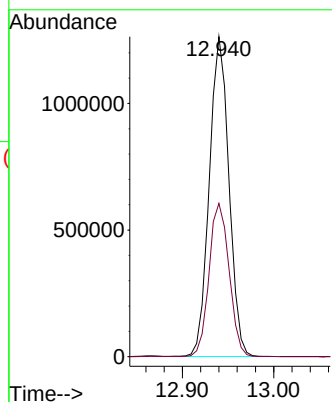
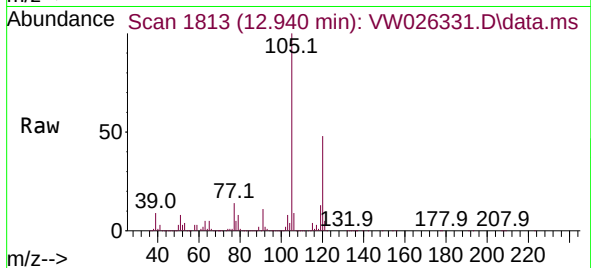




#62
1,3,5-Trimethylbenzene
Concen: 54.092 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

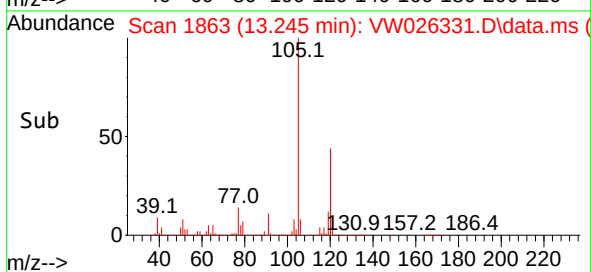
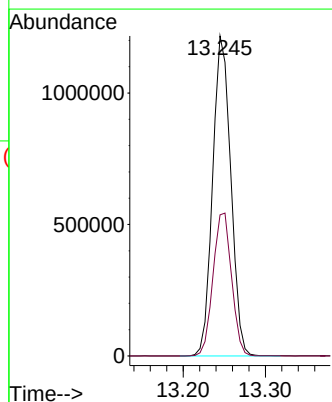
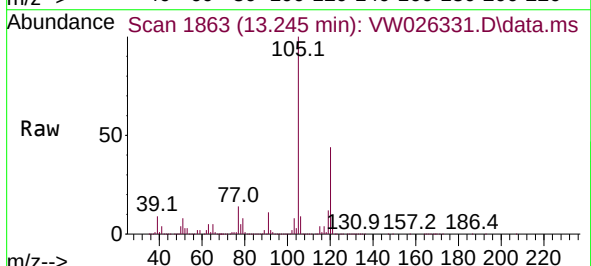
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

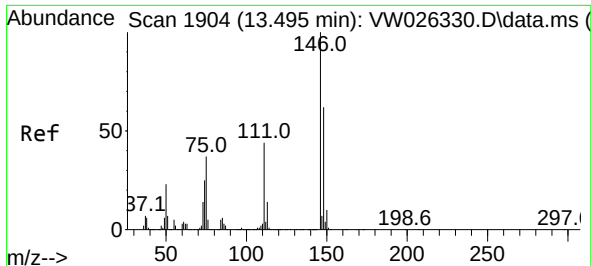
Tgt Ion:105 Resp: 1880953
Ion Ratio Lower Upper
105 100
120 49.0 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 55.694 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion:105 Resp: 1867856
Ion Ratio Lower Upper
105 100
120 45.6 35.0 52.6

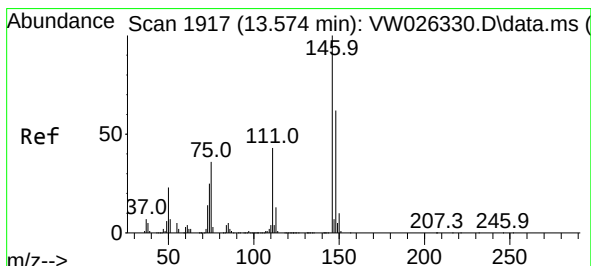
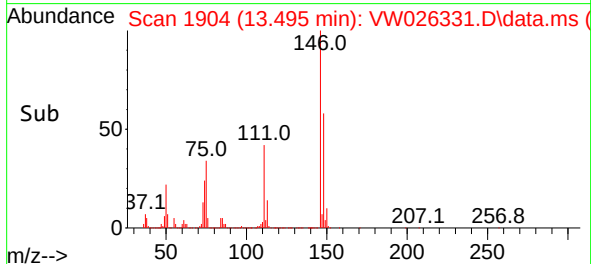
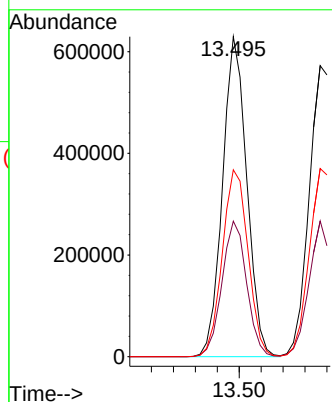
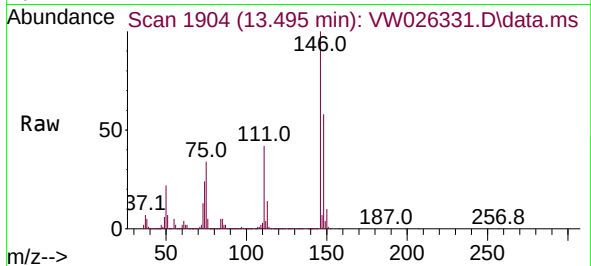




#64
1,3-Dichlorobenzene
Concen: 50.342 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

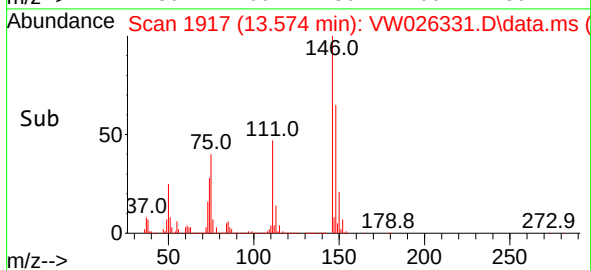
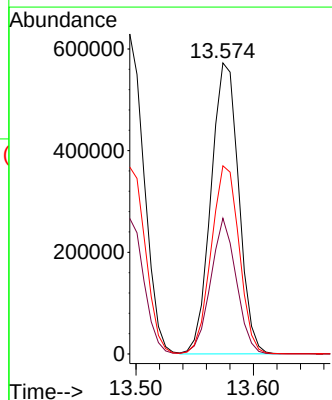
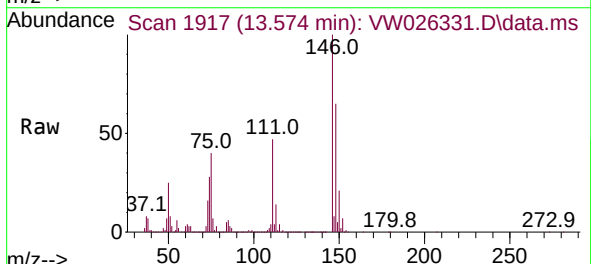
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

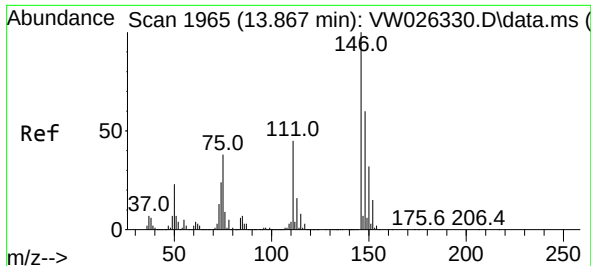
Tgt Ion:146 Resp: 967236
Ion Ratio Lower Upper
146 100
111 42.3 30.8 57.2
148 58.4 43.3 80.3



#65
1,4-Dichlorobenzene
Concen: 48.847 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion:146 Resp: 939214
Ion Ratio Lower Upper
146 100
111 46.6 30.0 55.8
148 64.7 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 50.738 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD050468

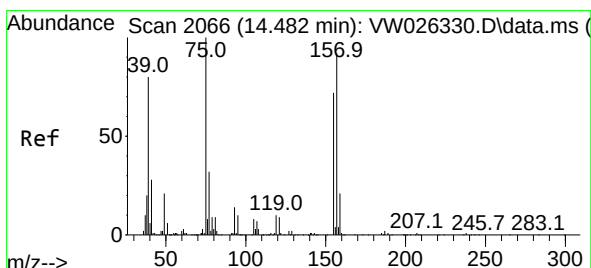
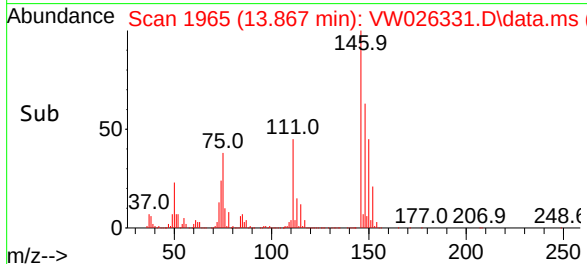
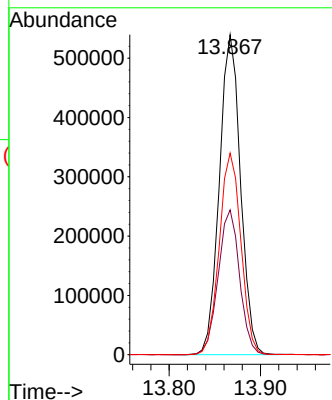
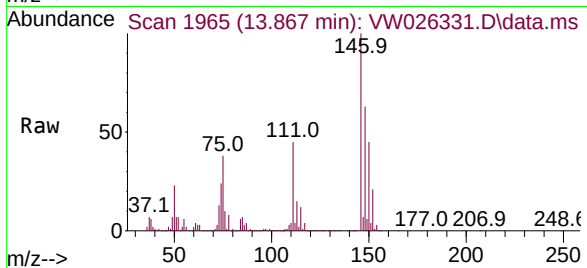
Tgt Ion:146 Resp: 868241

Ion Ratio Lower Upper

146 100

111 45.2 36.0 54.0

148 63.0 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 50.323 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW026331.D

Acq: 26 Jun 2023 12:24

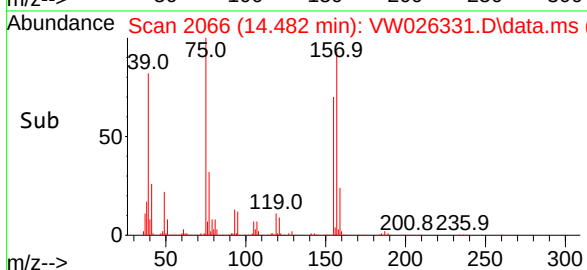
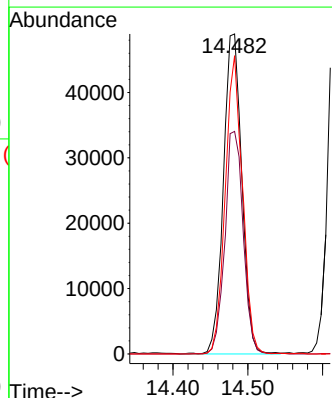
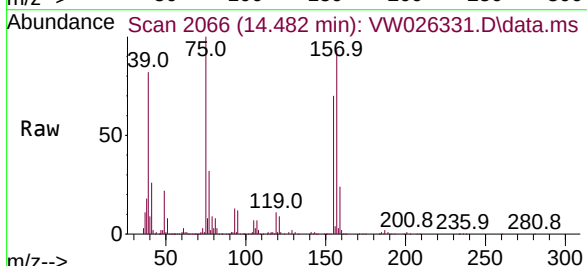
Tgt Ion: 75 Resp: 83995

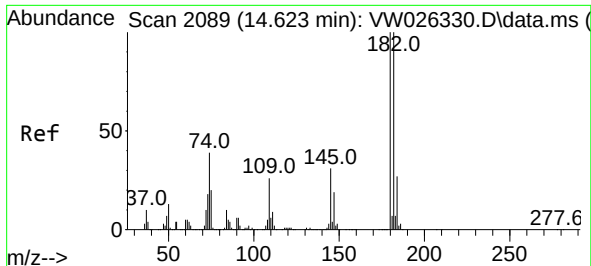
Ion Ratio Lower Upper

75 100

155 69.5 57.5 86.3

157 93.2 73.4 110.0

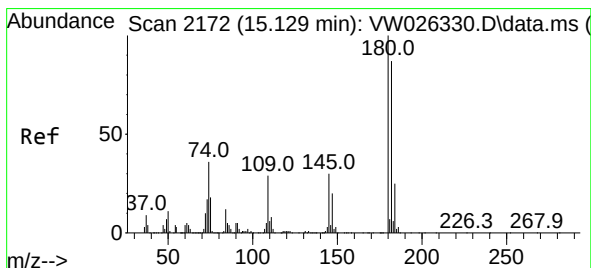
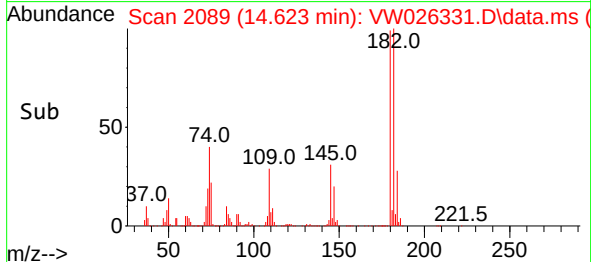
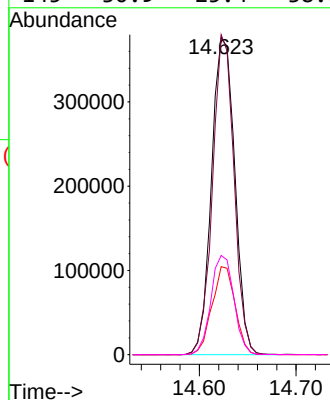
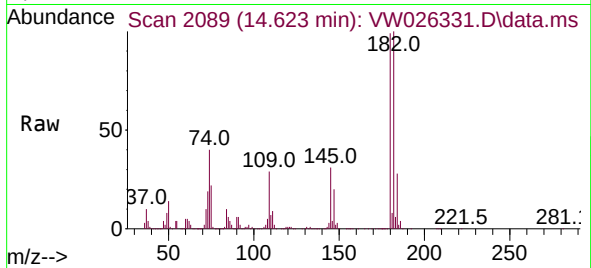




#69
1,3,5-Trichlorobenzene
Concen: 50.865 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

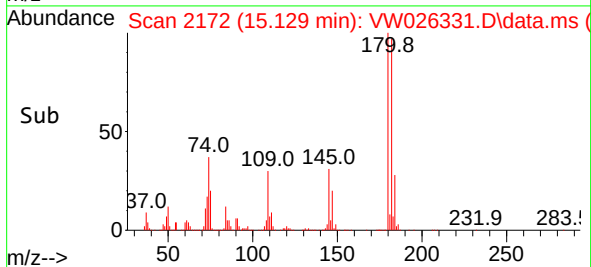
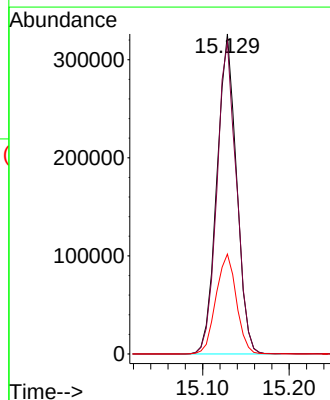
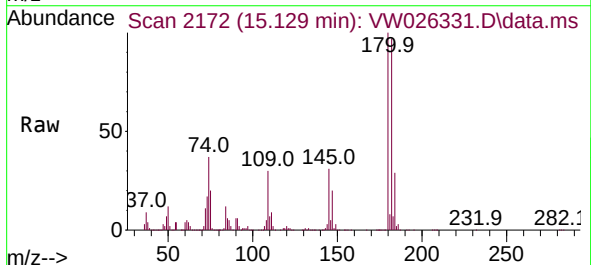
Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

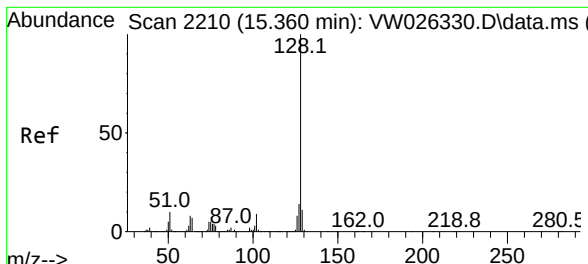
Tgt Ion:	180	Resp:	627981
Ion Ratio	Lower	Upper	
180	100		
182	93.4	74.2	111.4
184	27.6	23.8	35.6
145	30.9	25.4	38.0



#70
1,2,4-trichlorobenzene
Concen: 50.768 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion:	180	Resp:	512946
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.6	113.4
145	32.4	24.7	37.1

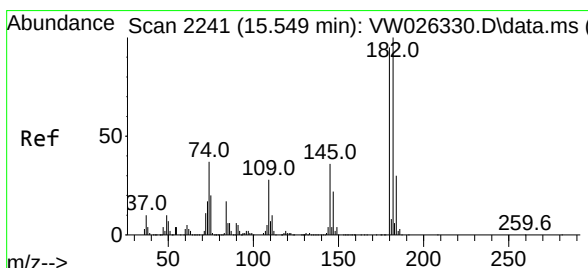
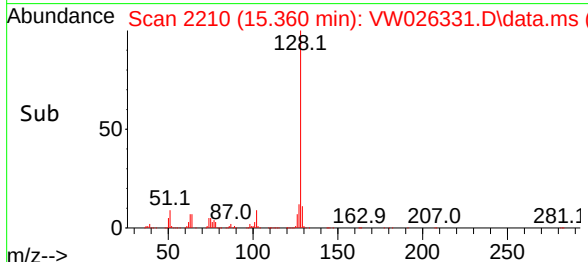
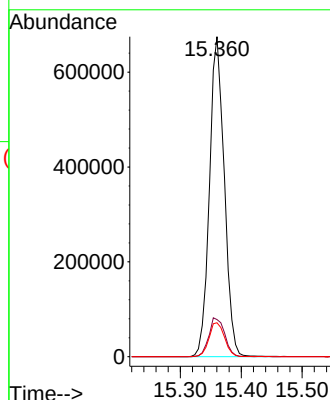
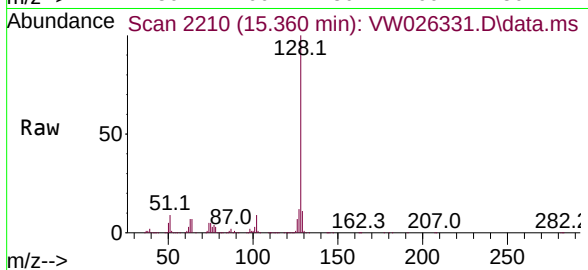




#71
Naphthalene
Concen: 56.145 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Instrument :
MSVOA_W
ClientSampleId :
VSTD050468

Tgt Ion:128 Resp: 1140326
Ion Ratio Lower Upper
128 100
127 13.0 10.9 16.3
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 50.366 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW026331.D
Acq: 26 Jun 2023 12:24

Tgt Ion:180 Resp: 475108
Ion Ratio Lower Upper
180 100
182 96.7 75.0 112.6
145 34.5 28.5 42.7

