

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW026329.D
 Acq On : 26 Jun 2023 11:36
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005466

Quant Time: Jun 27 01:26:11 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	701810	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	621740	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	312353	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	42439	4.164	ug/L	0.00
7) Chloroethane-d5	2.893	69	33708	4.643	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	21863	4.736	ug/L	0.00
21) 2-Butanone-d5	7.081	46	31700	9.916	ug/L	0.00
24) Chloroform-d	7.648	84	100383	5.048	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	57572	5.152	ug/L	0.00
32) Benzene-d6	8.276	84	194468	5.053	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	65350	5.226	ug/L	0.00
41) Toluene-d8	10.325	98	167556	4.974	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	24636	4.907	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	18493	9.629	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	51531	5.234	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	55599	5.112	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	32856	3.958	ug/L	# 79
3) Chloromethane	2.216	50	53723	4.404	ug/L	98
5) Vinyl chloride	2.375	62	59608	4.700	ug/L	93
6) Bromomethane	2.783	94	34095	4.898	ug/L	91
8) Chloroethane	2.924	64	32328	4.753	ug/L	100
9) Trichlorofluoromethane	3.265	101	40876	4.569	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	43310	4.530	ug/L	94
12) 1,1-Dichloroethene	4.052	96	43355	4.778	ug/L	90
13) Acetone	4.119	43	28645	11.169	ug/L	97
14) Carbon disulfide	4.393	76	154357	4.814	ug/L	99
15) Methyl Acetate	4.576	43	238	0.041	ug/L	99
16) Methylene chloride	4.923	84	74774	6.280	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	49141	4.918	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	74067	4.748	ug/L	99
19) 1,1-Dichloroethane	6.216	63	105963	5.073	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	52985	4.916	ug/L	97
22) 2-Butanone	7.167	43	41714	10.630	ug/L	93
23) Bromochloromethane	7.520	128	23429	5.068	ug/L	89
25) Chloroform	7.673	83	98560	5.091	ug/L	95
27) 1,2-Dichloroethane	8.404	62	72278	5.203	ug/L	97
29) Cyclohexane	7.959	56	82834	4.614	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	77720	5.167	ug/L	99
31) Carbon tetrachloride	8.069	117	70842	5.240	ug/L	98
33) Benzene	8.325	78	221877	5.283	ug/L	100
34) Trichloroethene	9.093	95	55015	5.116	ug/L	94
35) Methylcyclohexane	9.337	83	88742	4.813	ug/L	96
37) 1,2-Dichloropropane	9.368	63	61543	5.308	ug/L	98
38) Bromodichloromethane	9.642	83	70714	5.248	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	80858	4.810	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	70585	9.320	ug/L	99
42) Toluene	10.386	91	216730	5.144	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	70610	4.976	ug/L	98

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 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:25:00 2023
 Response via : Initial Calibration

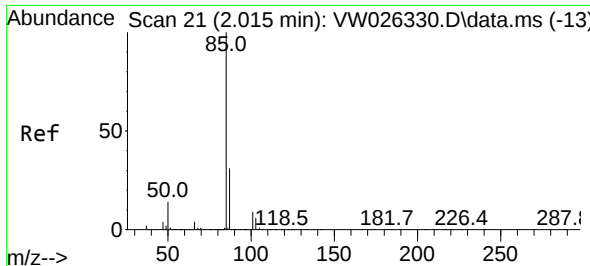
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.782	97	41376	5.267	ug/L	98
46) Tetrachloroethene	10.861	164	39392	5.200	ug/L	89
48) 2-Hexanone	10.965	43	50848	9.515	ug/L	97
49) Dibromochloromethane	11.130	129	40451	5.028	ug/L	95
50) 1,2-Dibromoethane	11.233	107	36848	5.109	ug/L #	98
51) Chlorobenzene	11.654	112	138498	5.156	ug/L	100
52) Ethylbenzene	11.727	91	239310	5.041	ug/L	100
53) m,p-Xylene	11.837	106	86865	5.017	ug/L	93
54) o-Xylene	12.166	106	78717	4.829	ug/L	92
55) Styrene	12.178	104	142279	5.004	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	51919	5.287	ug/L	97
59) Bromoform	12.349	173	23010	4.870	ug/L	98
60) Isopropylbenzene	12.465	105	219341	4.672	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	38151	5.025	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	159371	4.379	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	150723	4.294	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	99747	4.961	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	104858	5.211	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	90073	5.030	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	8710	4.986	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	61325	4.746	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	50153	4.743	ug/L	97
71) Naphthalene	15.360	128	81429	3.831	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	45407	4.599	ug/L	98

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

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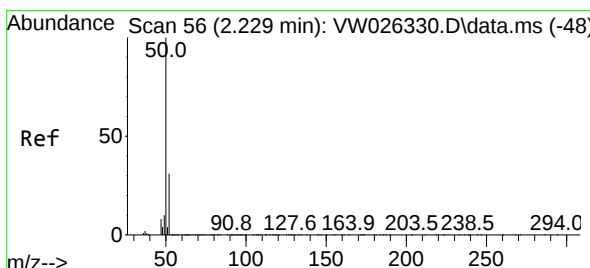
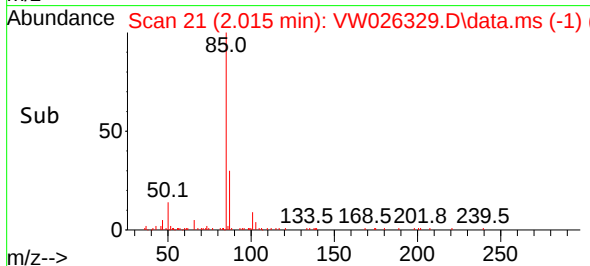
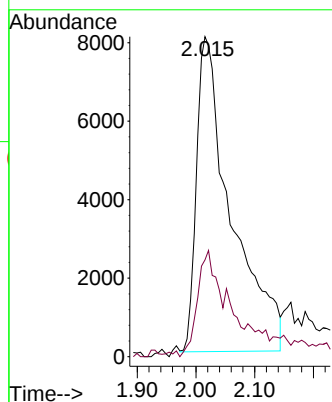
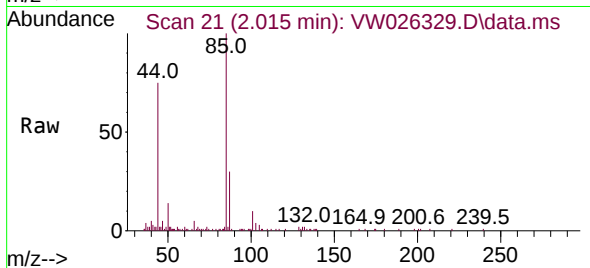




#2
 Dichlorodifluoromethane
 Concen: 3.958 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026329.D
 Acq: 26 Jun 2023 11:36

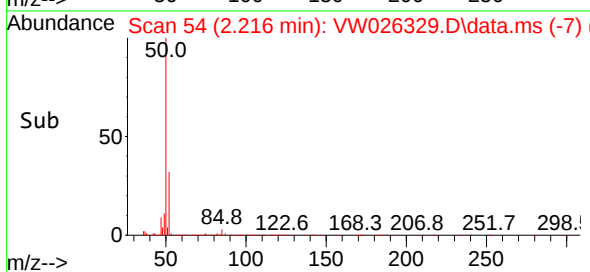
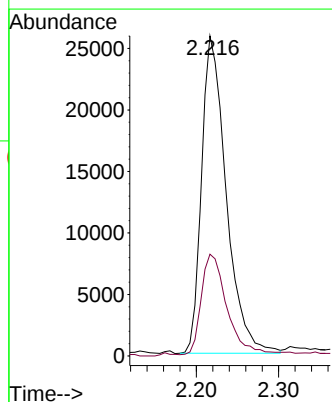
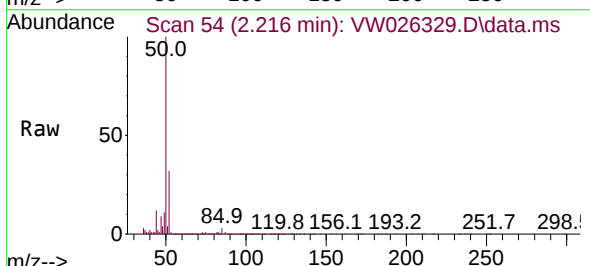
Instrument :
 MSVOA_W
 ClientSampleId :
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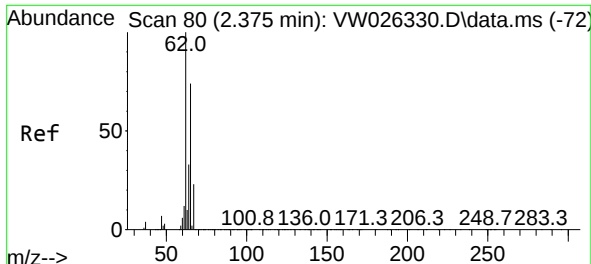
Tgt Ion: 85 Resp: 32856
 Ion Ratio Lower Upper
 85 100
 87 19.8 25.2 37.8#



#3
 Chloromethane
 Concen: 4.404 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.012 min
 Lab File: VW026329.D
 Acq: 26 Jun 2023 11:36

Tgt Ion: 50 Resp: 53723
 Ion Ratio Lower Upper
 50 100
 52 31.8 21.4 39.8

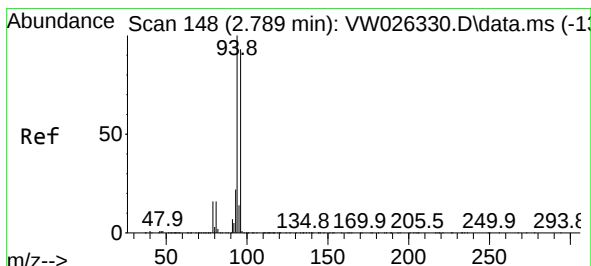
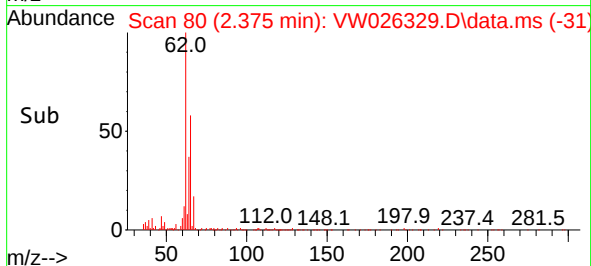
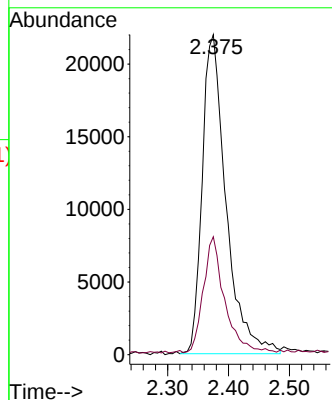
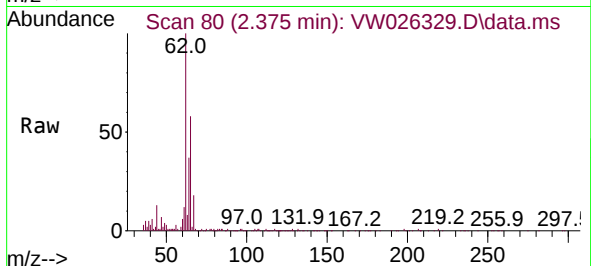




#5
 Vinyl chloride
 Concen: 4.700 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026329.D
 Acq: 26 Jun 2023 11:36

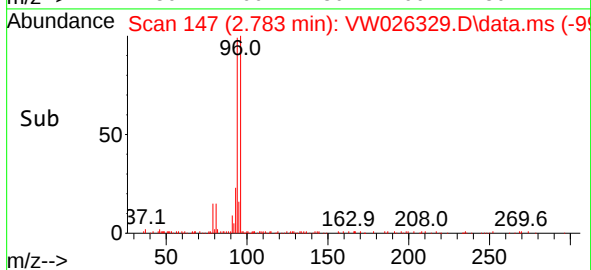
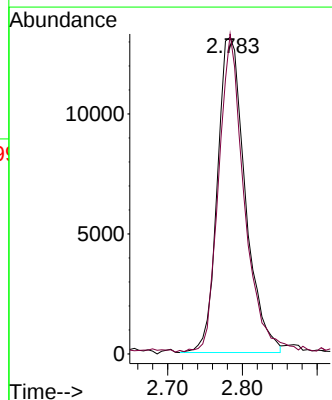
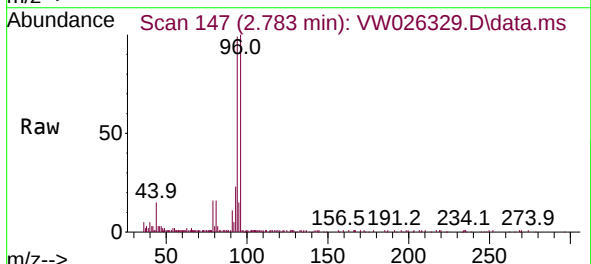
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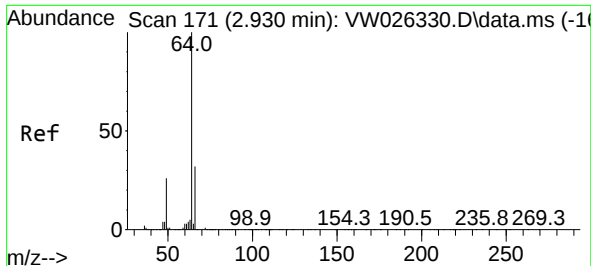
Tgt Ion: 62 Resp: 59608
 Ion Ratio Lower Upper
 62 100
 64 36.8 23.0 42.8



#6
 Bromomethane
 Concen: 4.898 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026329.D
 Acq: 26 Jun 2023 11:36

Tgt Ion: 94 Resp: 34095
 Ion Ratio Lower Upper
 94 100
 96 101.1 64.6 120.0

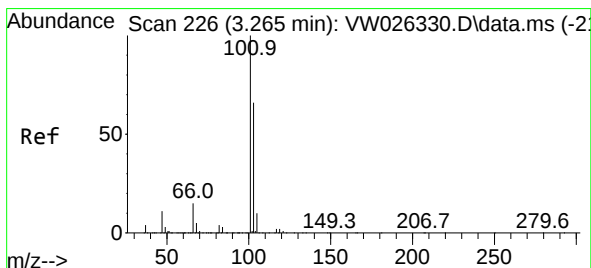
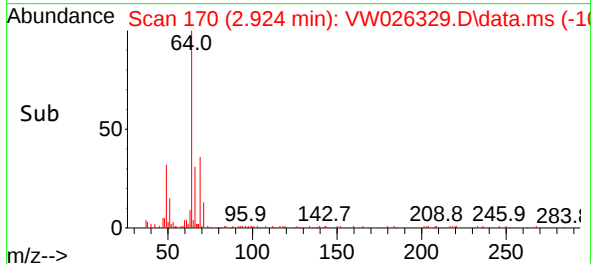
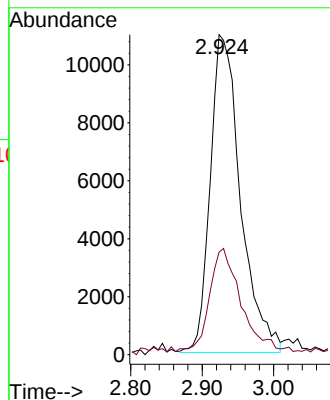
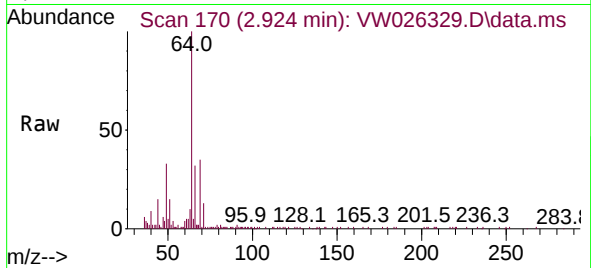




#8
Chloroethane
Concen: 4.753 ug/L
RT: 2.924 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

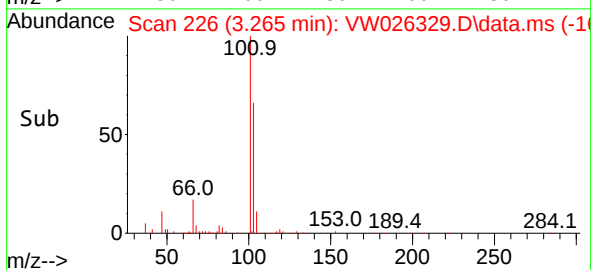
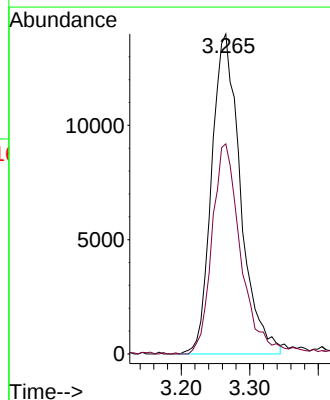
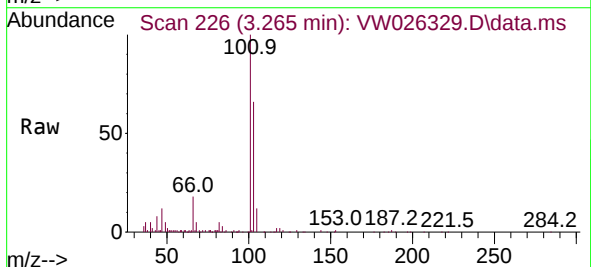
Instrument :
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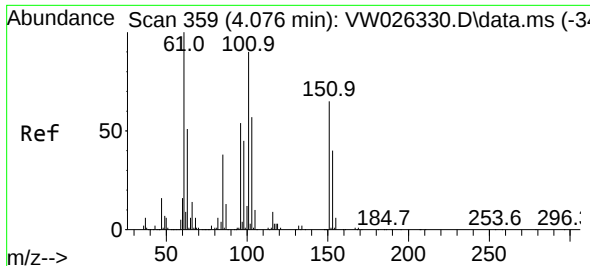
Tgt Ion: 64 Resp: 32328
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.569 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion: 101 Resp: 40876
Ion Ratio Lower Upper
101 100
103 62.1 52.9 79.3

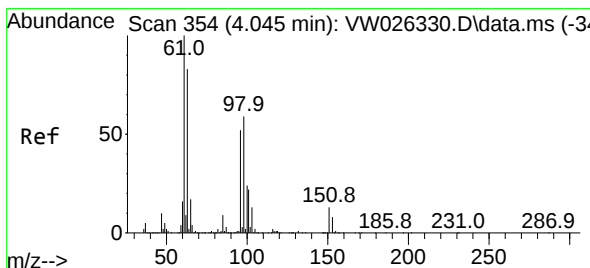
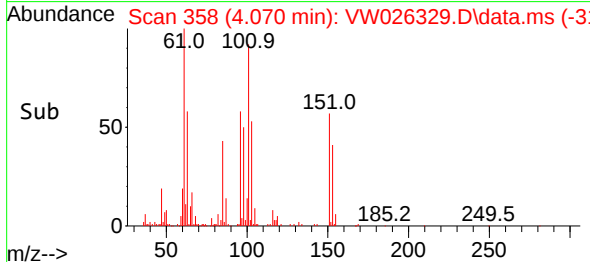
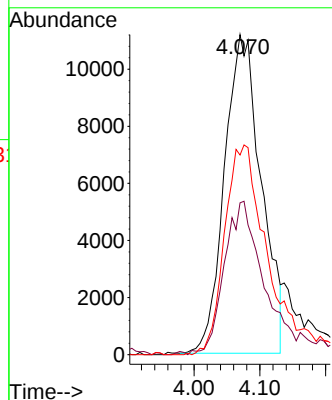
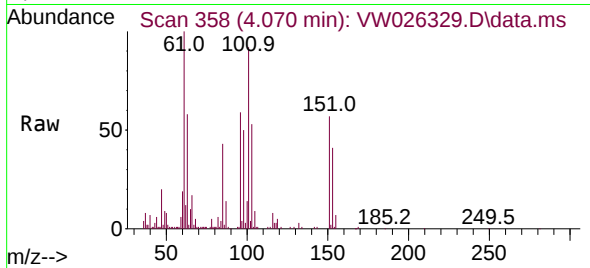




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.530 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW026329.D
 Acq: 26 Jun 2023 11:36

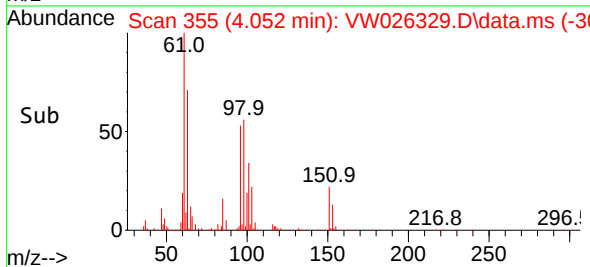
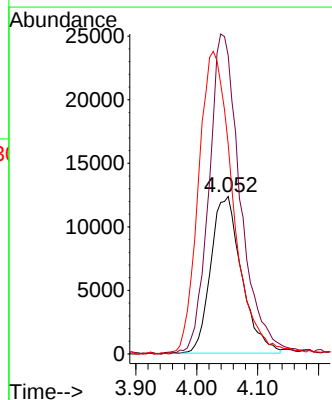
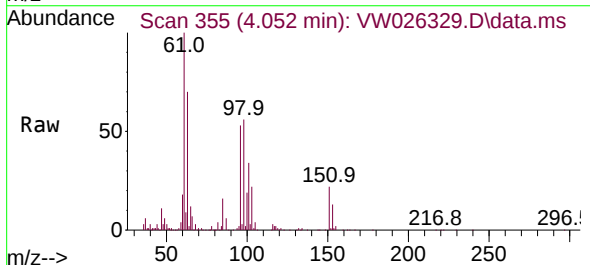
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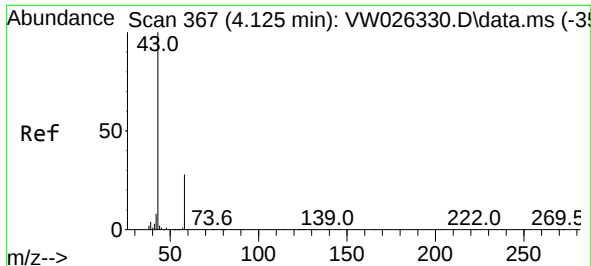
Tgt Ion:101 Resp: 43310
 Ion Ratio Lower Upper
 101 100
 85 50.7 35.4 53.0
 151 72.7 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.778 ug/L
 RT: 4.052 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW026329.D
 Acq: 26 Jun 2023 11:36

Tgt Ion: 96 Resp: 43355
 Ion Ratio Lower Upper
 96 100
 61 189.5 134.3 249.3
 63 133.2 112.3 208.5

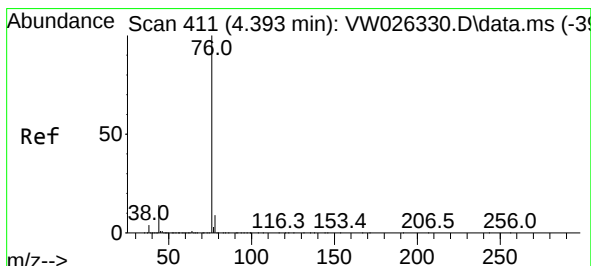
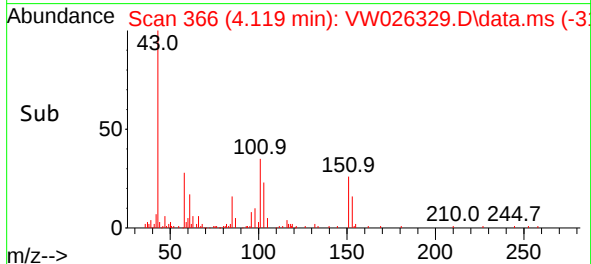
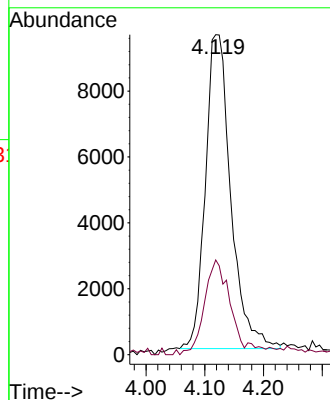
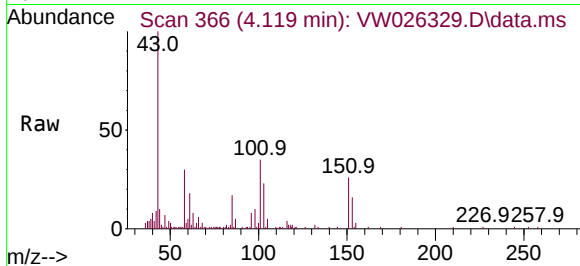




#13
Acetone
Concen: 11.169 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

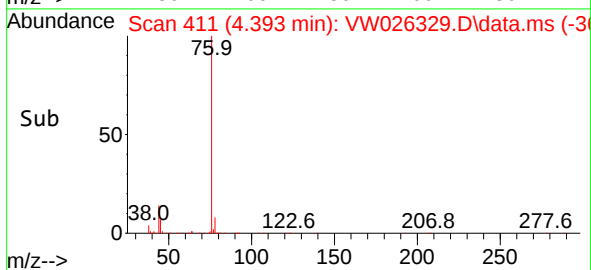
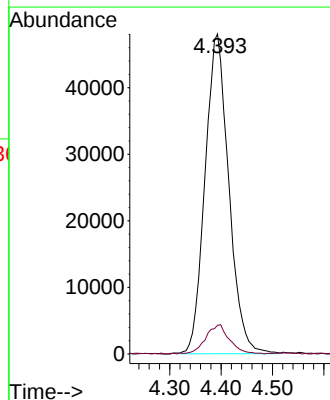
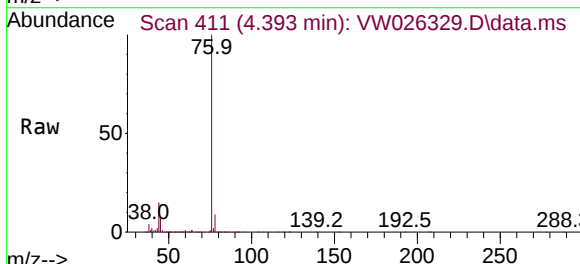
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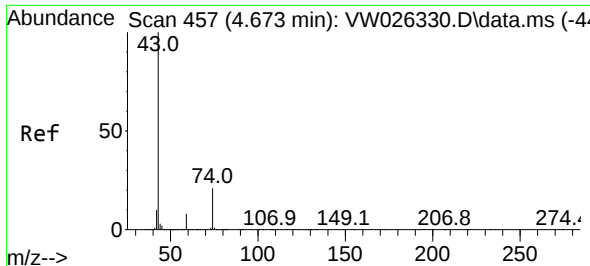
Tgt Ion: 43 Resp: 28645
Ion Ratio Lower Upper
43 100
58 26.4 0.0 55.8



#14
Carbon disulfide
Concen: 4.814 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion: 76 Resp: 154357
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

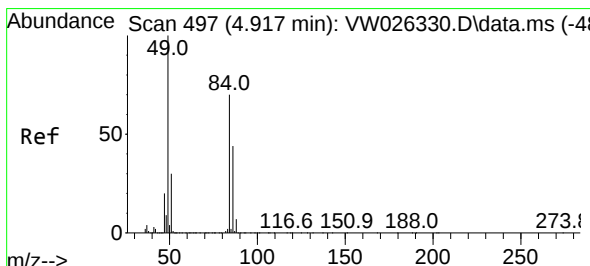
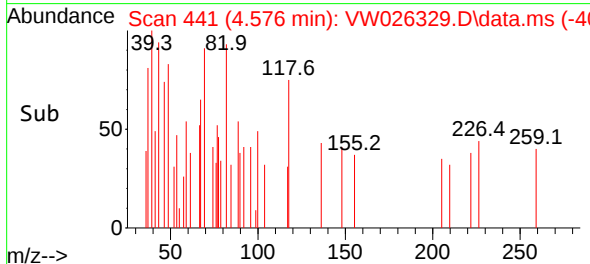
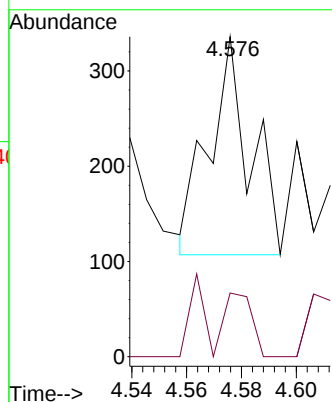
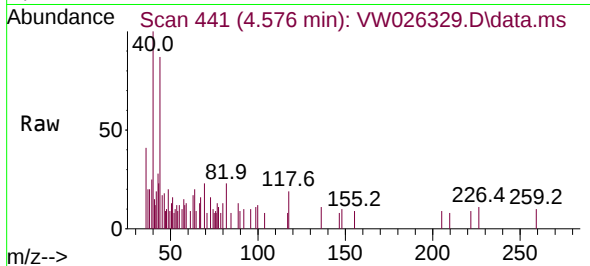




#15
Methyl Acetate
Concen: 0.041 ug/L
RT: 4.576 min Scan# 441
Delta R.T. -0.097 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

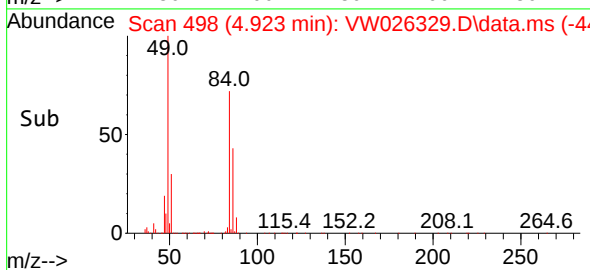
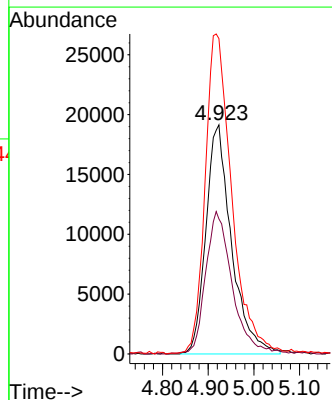
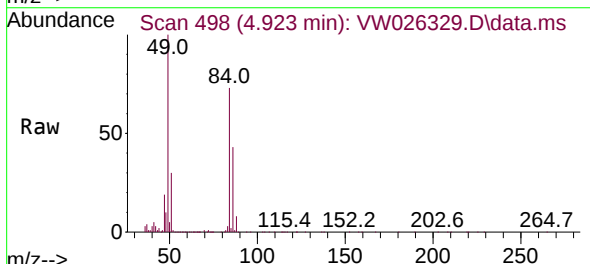
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

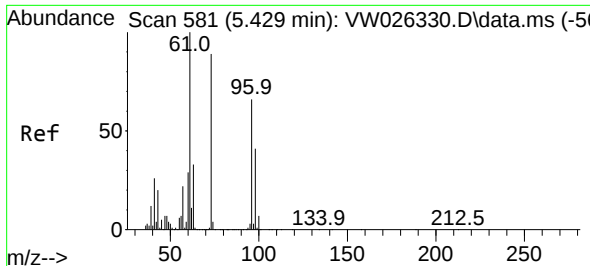
Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
74 20.2 16.3 24.5



#16
Methylene chloride
Concen: 6.280 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion: 84 Resp: 74774
Ion Ratio Lower Upper
84 100
86 58.9 43.9 81.5
49 137.7 100.4 186.4

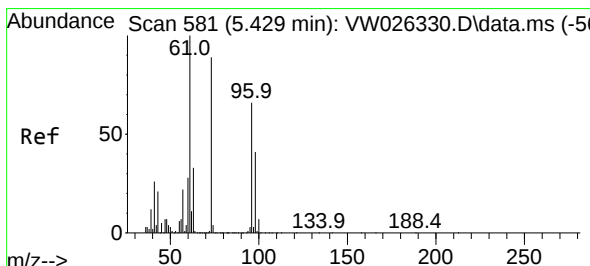
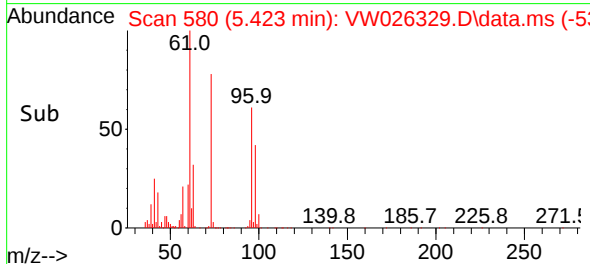
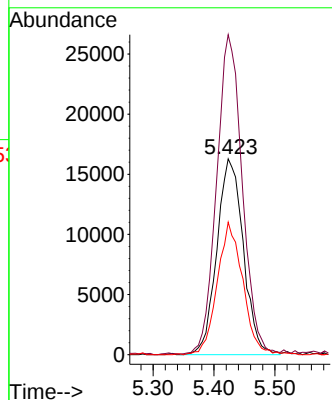
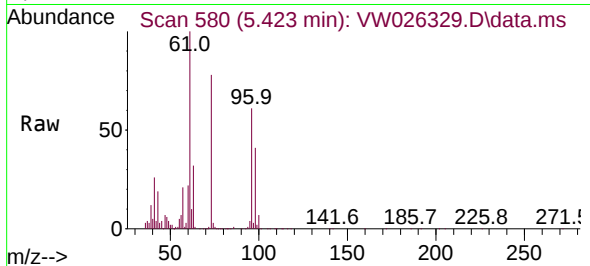




#17
trans-1,2-Dichloroethene
Concen: 4.918 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

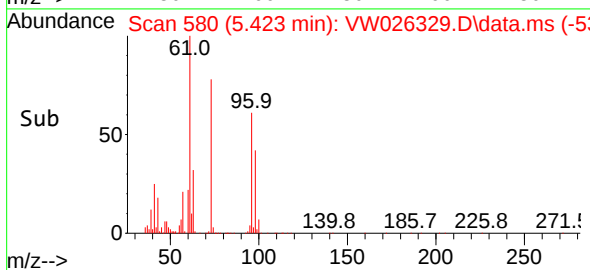
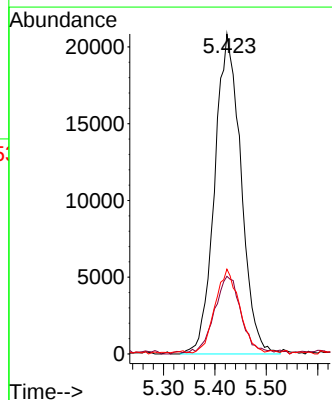
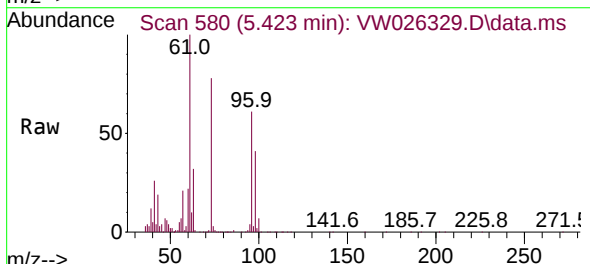
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

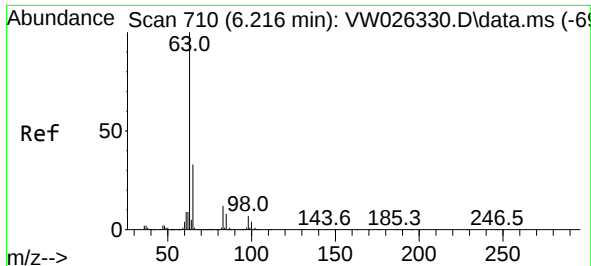
Tgt Ion: 96 Resp: 49141
Ion Ratio Lower Upper
96 100
61 163.4 106.1 197.1
98 67.6 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 4.748 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion: 73 Resp: 74067
Ion Ratio Lower Upper
73 100
43 23.8 18.1 27.1
57 24.4 19.5 29.3





#19

1,1-Dichloroethane

Concen: 5.073 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD005466

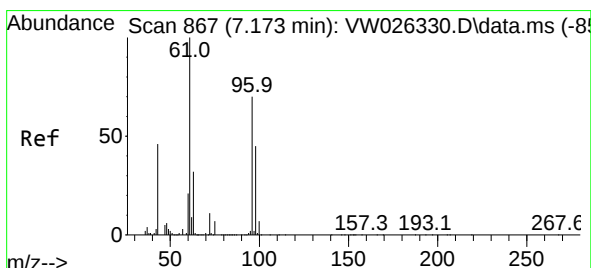
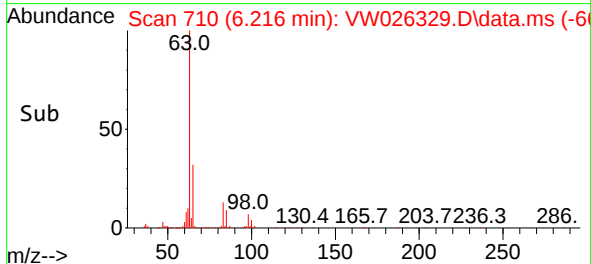
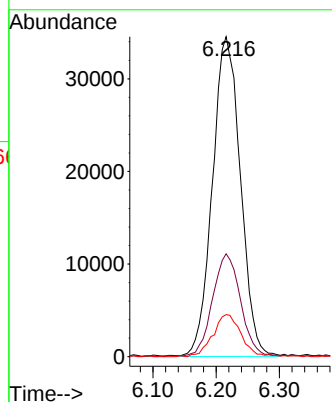
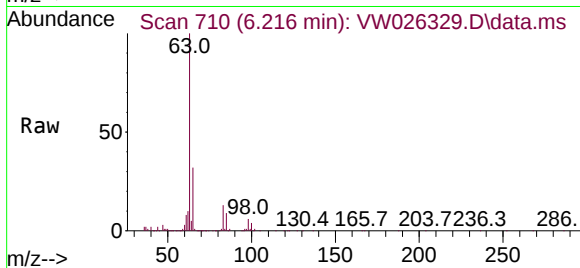
Tgt Ion: 63 Resp: 105963

Ion Ratio Lower Upper

63 100

65 32.2 22.8 42.4

83 13.1 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 4.916 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

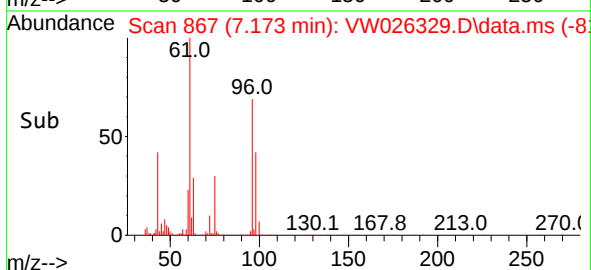
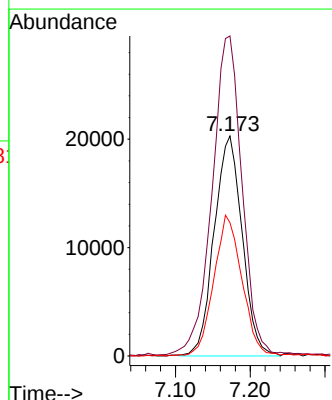
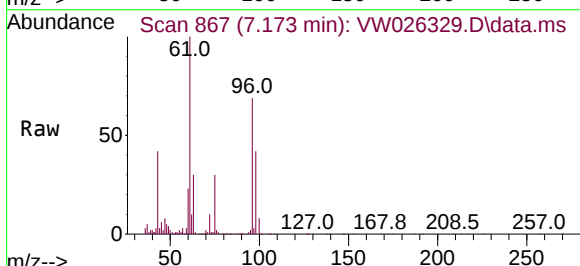
Tgt Ion: 96 Resp: 52985

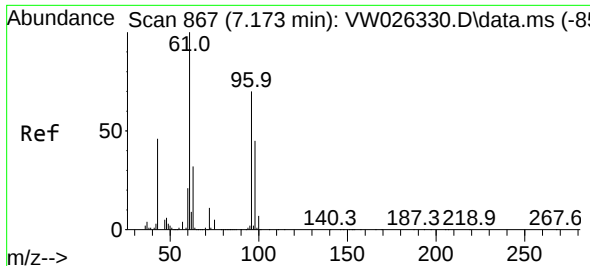
Ion Ratio Lower Upper

96 100

61 145.5 100.8 187.2

98 60.6 45.7 84.9

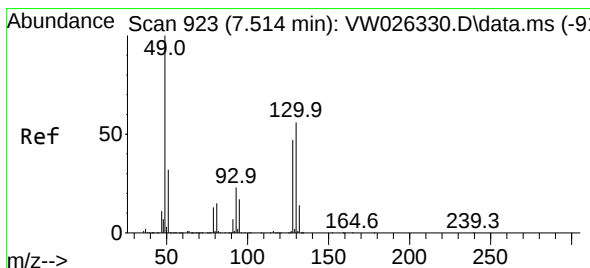
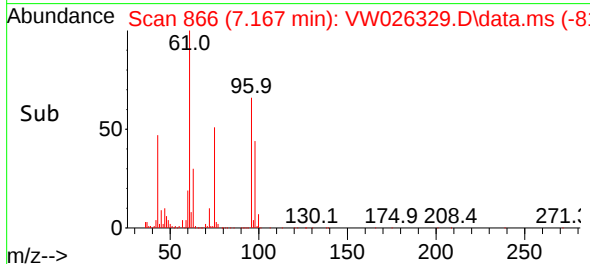
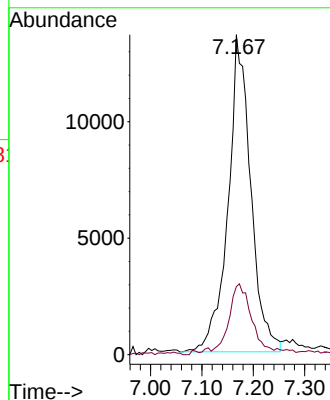
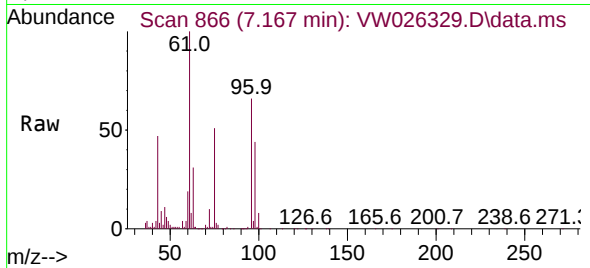




#22
2-Butanone
Concen: 10.630 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

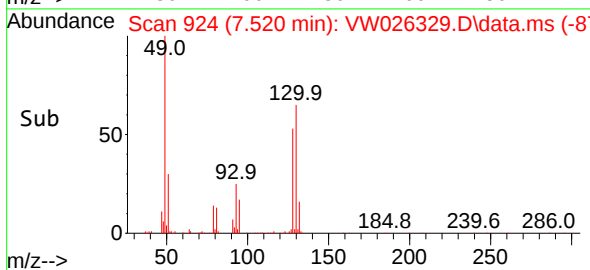
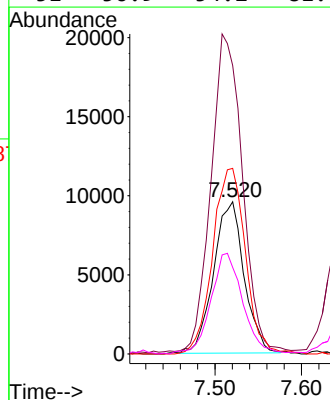
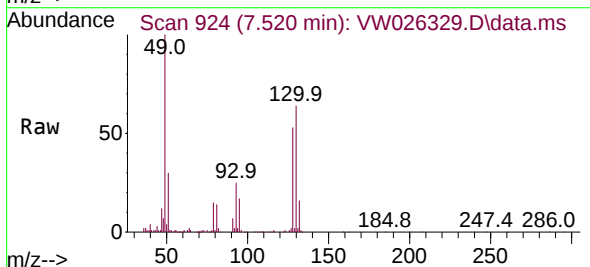
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

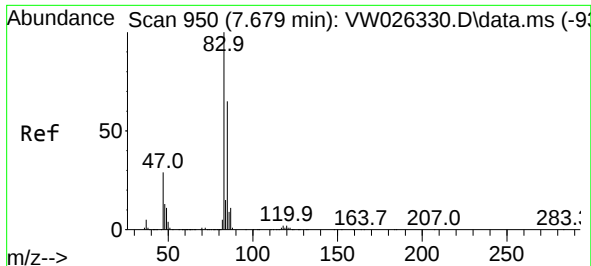
Tgt Ion: 43 Resp: 41714
Ion Ratio Lower Upper
43 100
72 20.1 11.8 35.3



#23
Bromochloromethane
Concen: 5.068 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion: 128 Resp: 23429
Ion Ratio Lower Upper
128 100
49 189.5 148.5 275.9
130 121.9 82.6 153.4
51 56.9 54.2 81.4

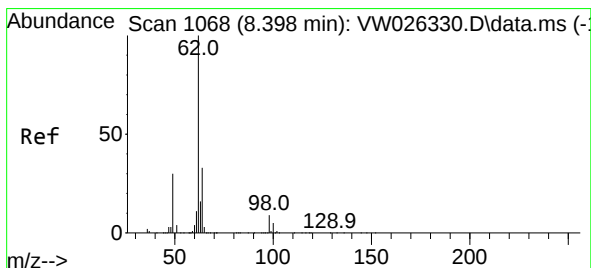
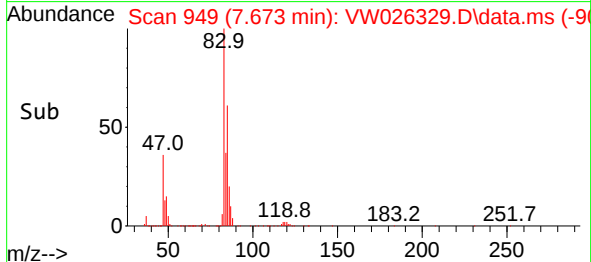
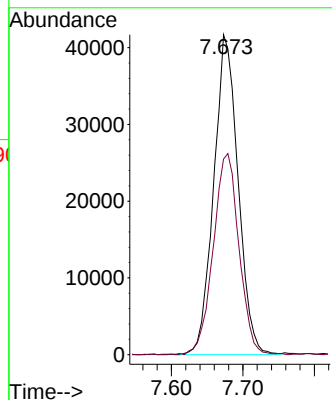
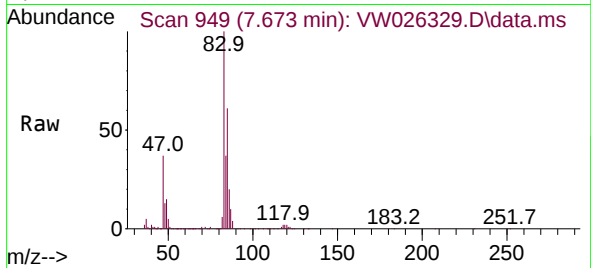




#25
Chloroform
Concen: 5.091 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

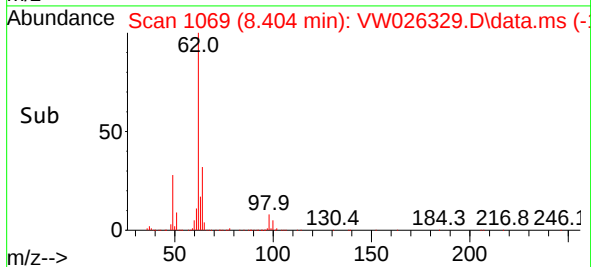
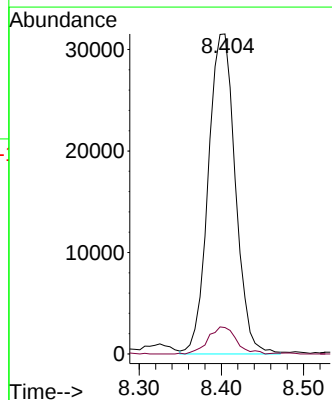
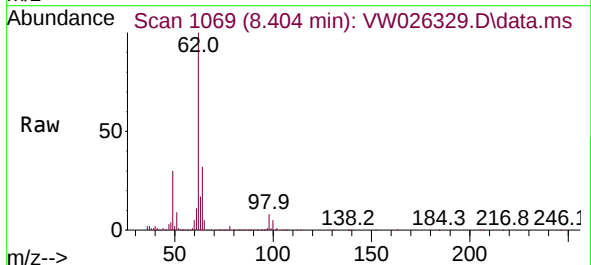
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

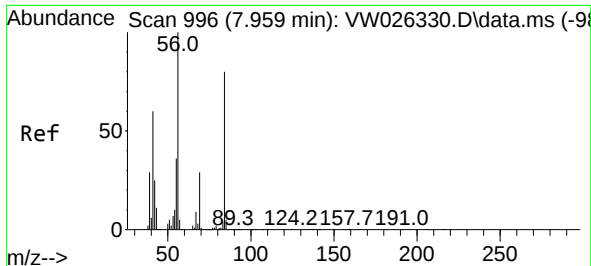
Tgt Ion: 83 Resp: 98560
Ion Ratio Lower Upper
83 100
85 61.1 45.3 84.1



#27
1,2-Dichloroethane
Concen: 5.203 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion: 62 Resp: 72278
Ion Ratio Lower Upper
62 100
98 8.2 7.5 11.3

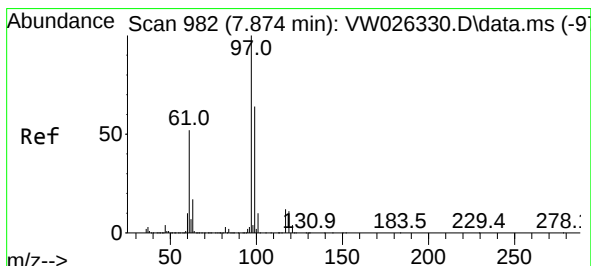
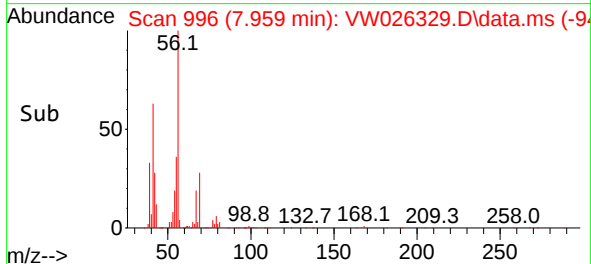
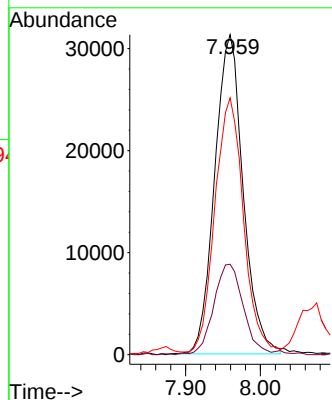
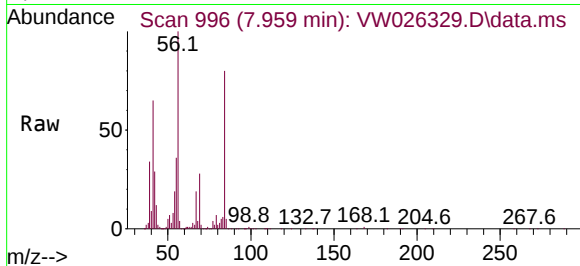




#29
Cyclohexane
Concen: 4.614 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

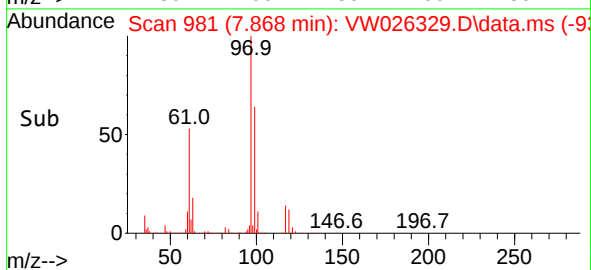
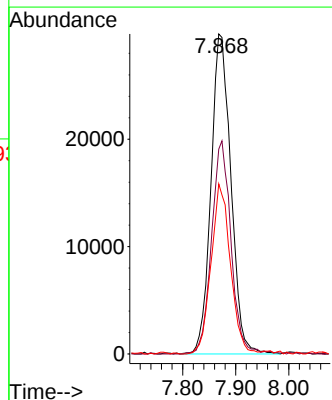
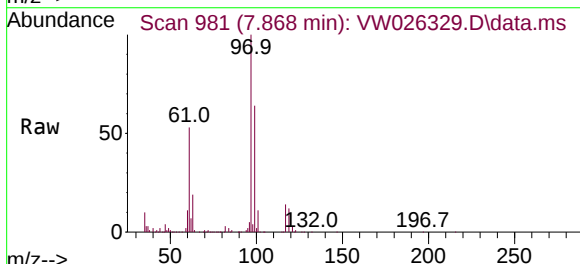
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

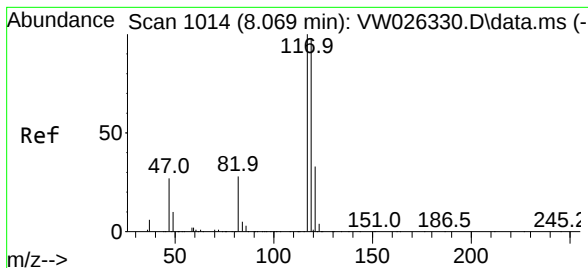
Tgt Ion: 56 Resp: 82834
Ion Ratio Lower Upper
56 100
69 28.6 23.0 34.4
84 80.9 63.4 95.0



#30
1,1,1-Trichloroethane
Concen: 5.167 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion: 97 Resp: 77720
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 51.6 41.4 62.2





#31

Carbon tetrachloride

Concen: 5.240 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Instrument :

MSVOA_W

ClientSampleId :

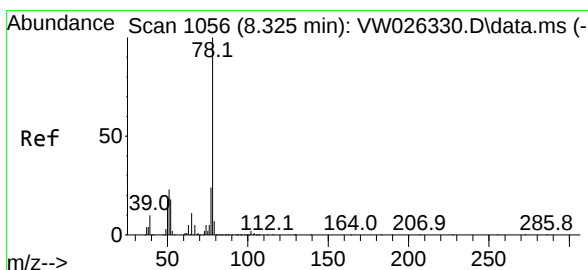
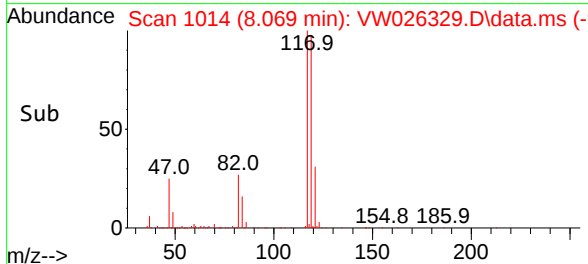
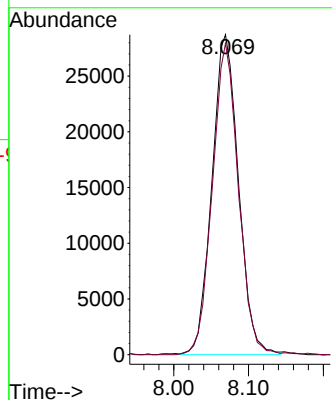
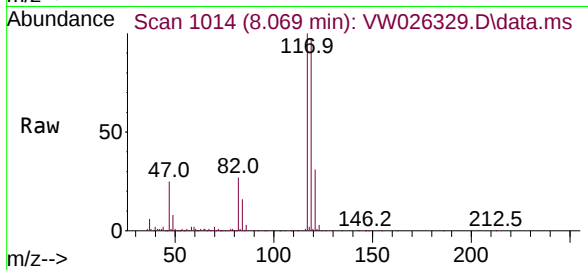
VSTD005466

Tgt Ion:117 Resp: 70842

Ion Ratio Lower Upper

117 100

119 95.4 77.7 116.5



#33

Benzene

Concen: 5.283 ug/L

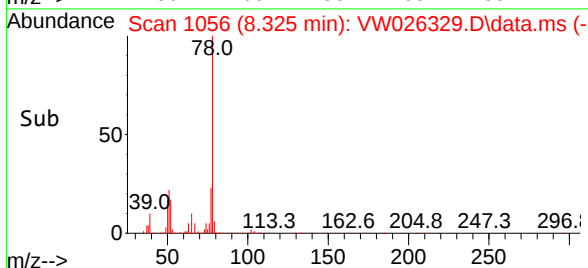
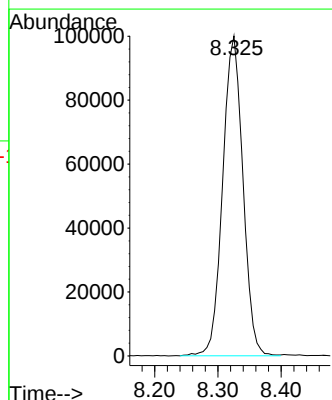
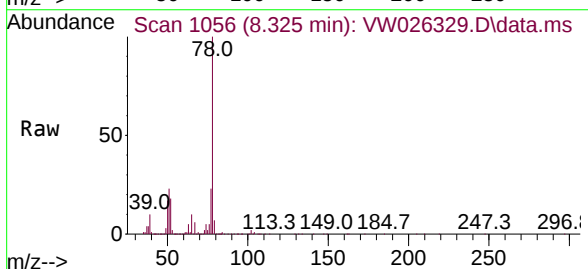
RT: 8.325 min Scan# 1056

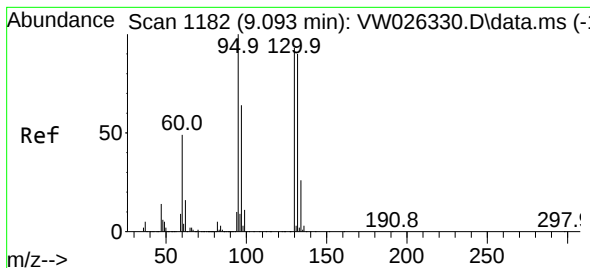
Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Tgt Ion: 78 Resp: 221877





#34

Trichloroethene

Concen: 5.116 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD005466

Tgt Ion: 95 Resp: 55015

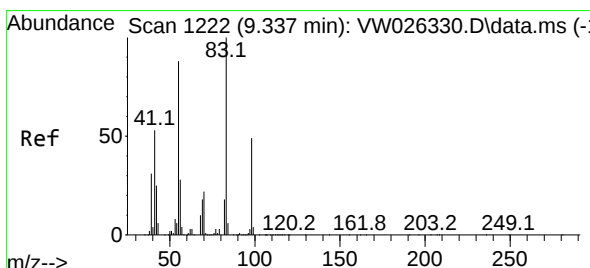
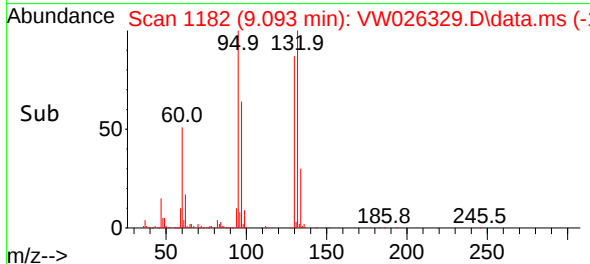
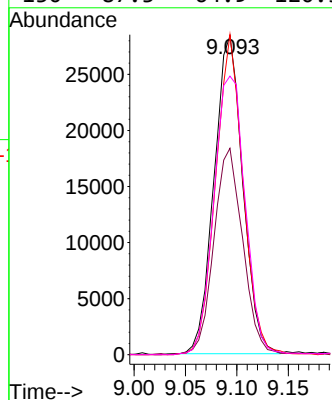
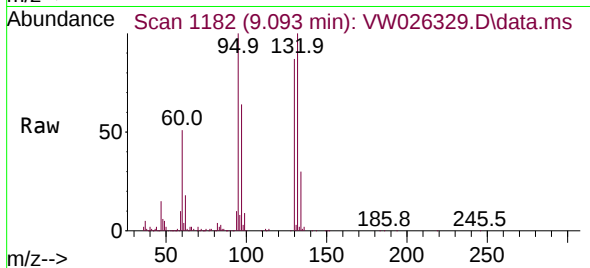
Ion Ratio Lower Upper

95 100

97 64.7 44.5 82.7

132 100.3 63.3 117.5

130 87.3 64.9 120.5



#35

Methylcyclohexane

Concen: 4.813 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

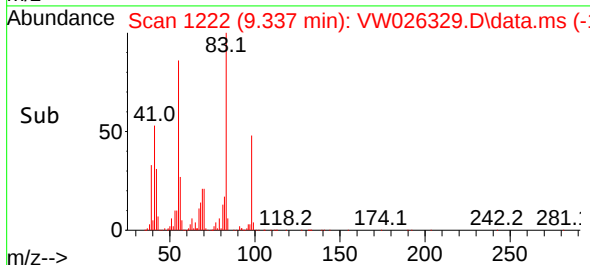
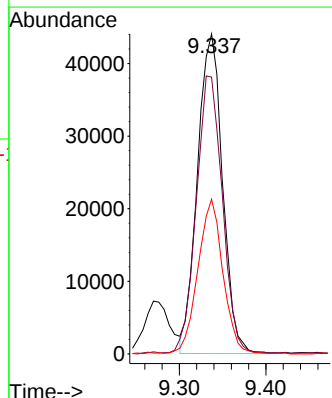
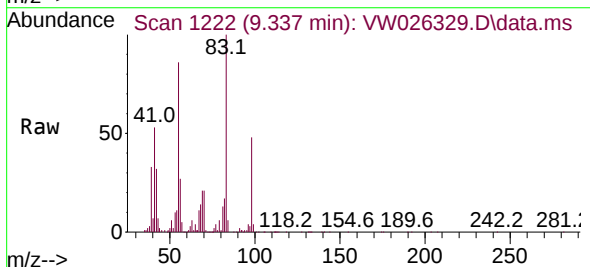
Tgt Ion: 83 Resp: 88742

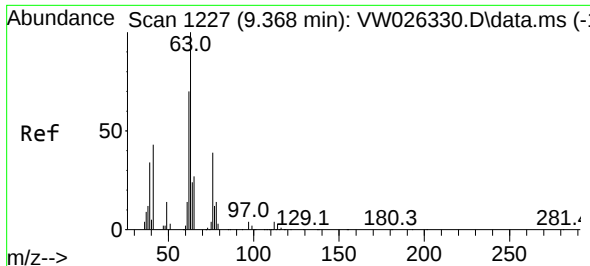
Ion Ratio Lower Upper

83 100

55 90.4 68.8 103.2

98 48.5 37.8 56.6

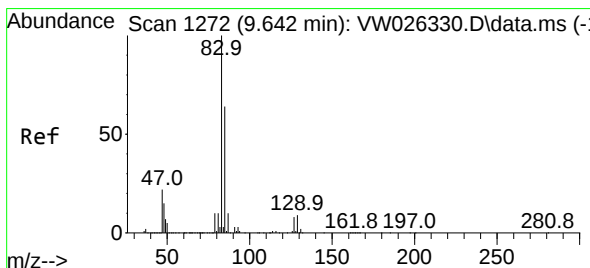
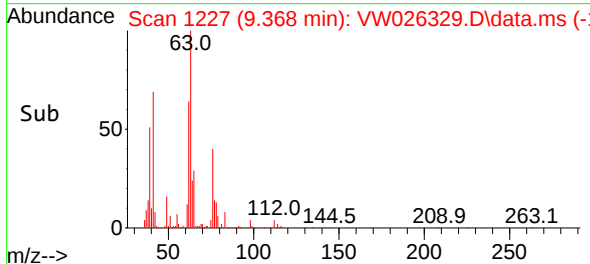
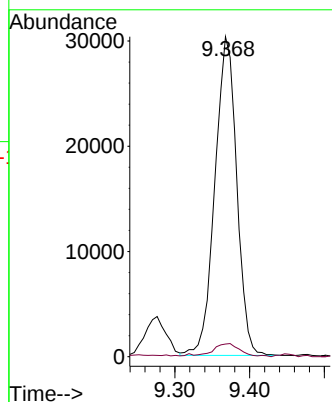
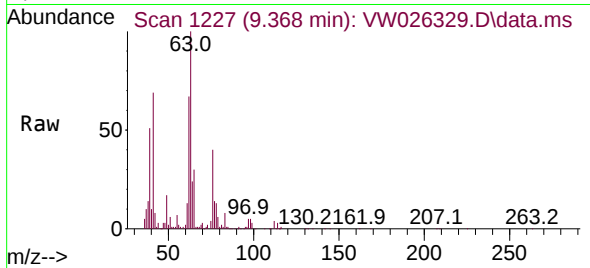




#37
1,2-Dichloropropane
Concen: 5.308 ug/L
RT: 9.368 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

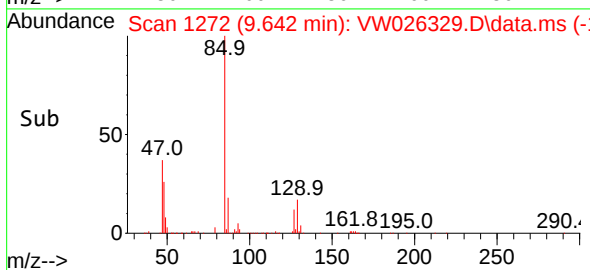
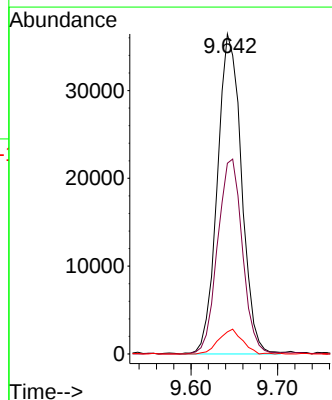
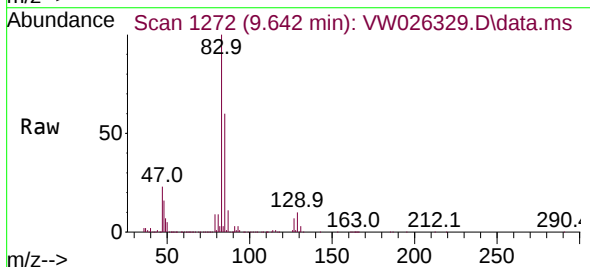
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

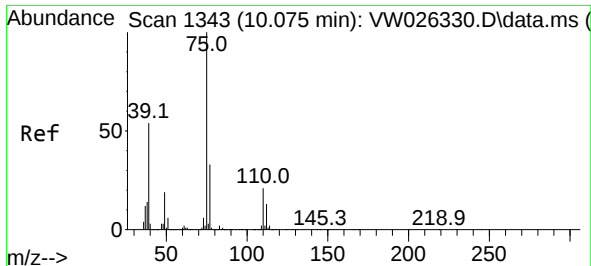
Tgt Ion: 63 Resp: 61543
Ion Ratio Lower Upper
63 100
112 4.4 3.0 4.6



#38
Bromodichloromethane
Concen: 5.248 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion: 83 Resp: 70714
Ion Ratio Lower Upper
83 100
85 59.6 44.9 83.5
127 6.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 4.810 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Instrument :

MSVOA_W

ClientSampleId :

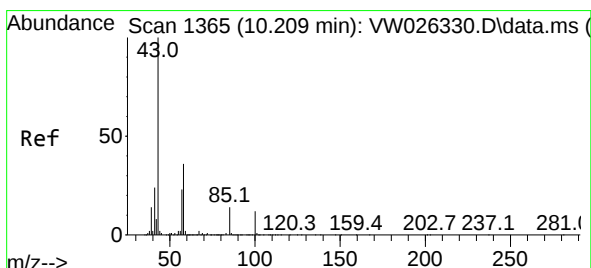
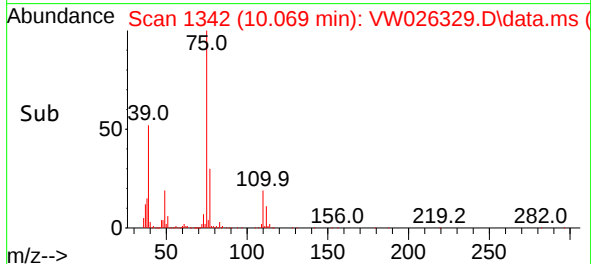
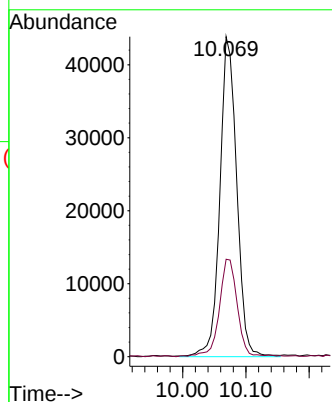
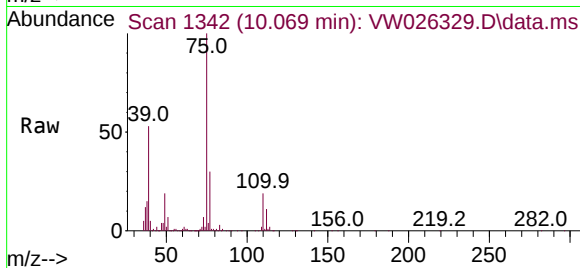
VSTD005466

Tgt Ion: 75 Resp: 80858

Ion Ratio Lower Upper

75 100

77 30.5 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 9.320 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

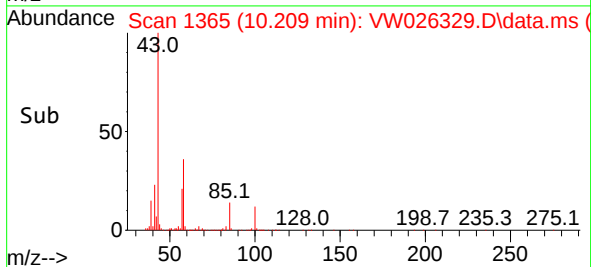
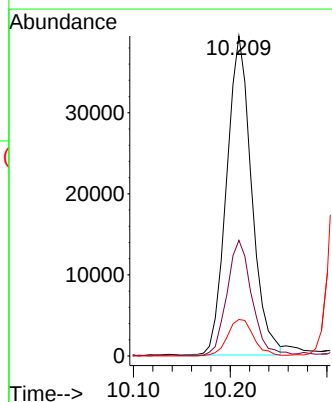
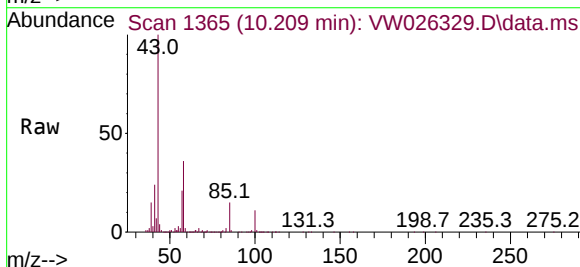
Tgt Ion: 43 Resp: 70585

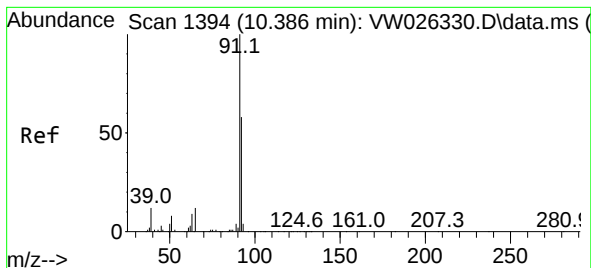
Ion Ratio Lower Upper

43 100

58 36.0 28.6 42.8

100 12.1 9.9 14.9





#42

Toluene

Concen: 5.144 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Instrument :

MSVOA_W

ClientSampleId :

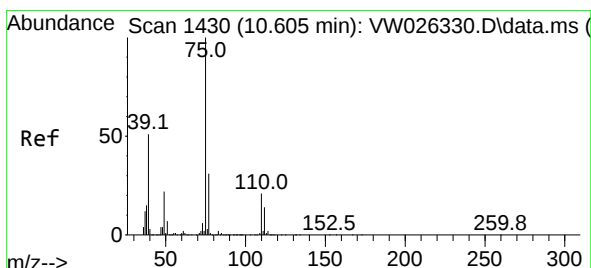
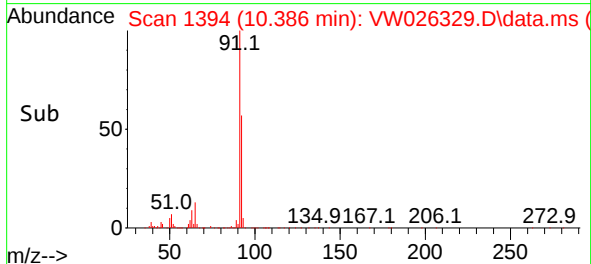
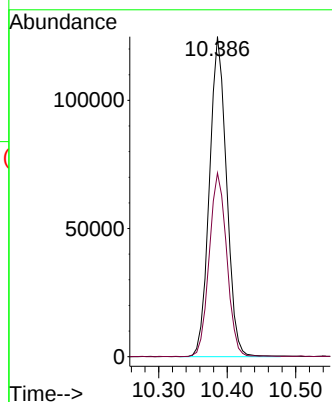
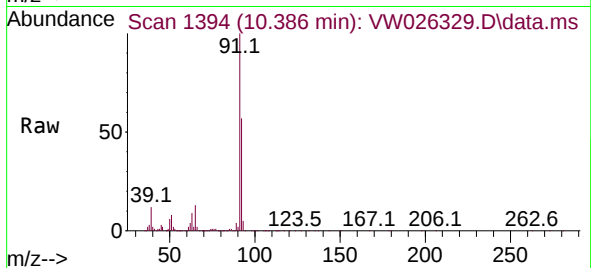
VSTD005466

Tgt Ion: 91 Resp: 216730

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.976 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW026329.D

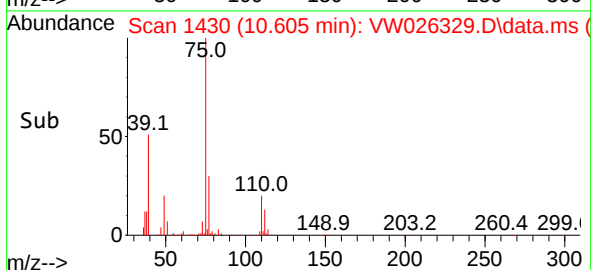
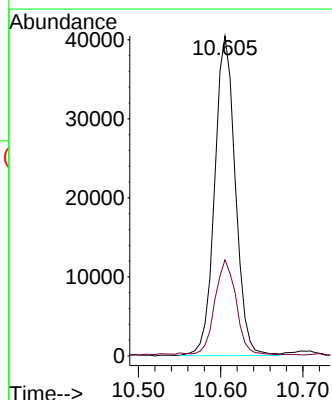
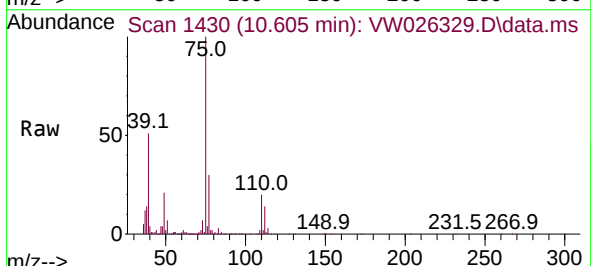
Acq: 26 Jun 2023 11:36

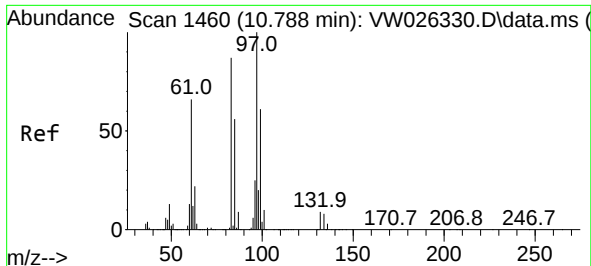
Tgt Ion: 75 Resp: 70610

Ion Ratio Lower Upper

75 100

77 30.0 21.6 40.2

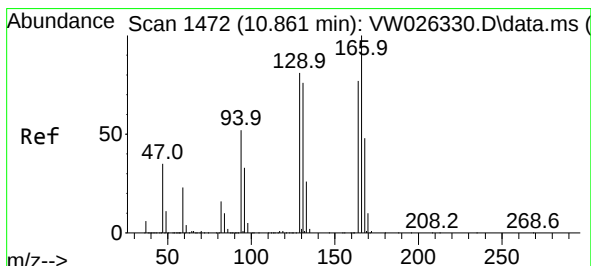
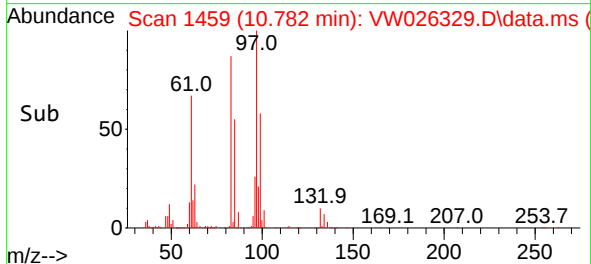
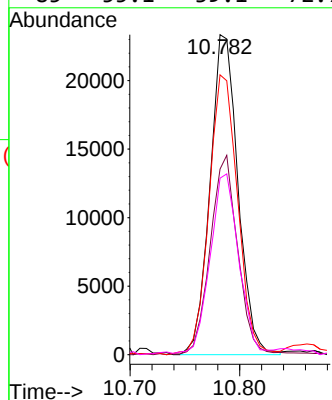
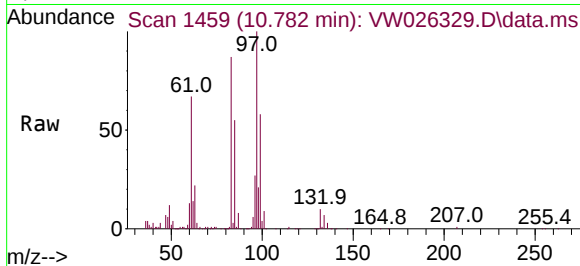




#45
1,1,2-Trichloroethane
Concen: 5.267 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

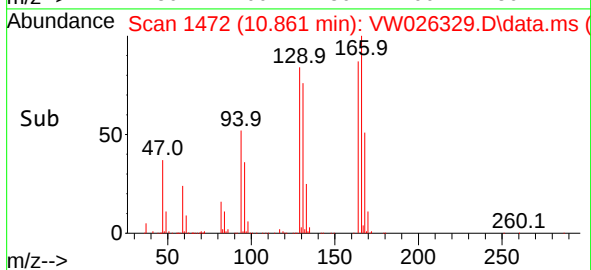
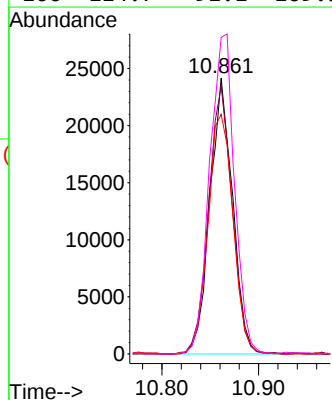
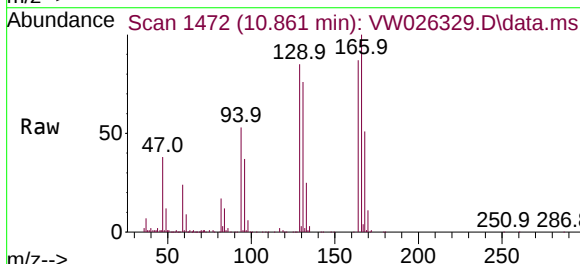
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

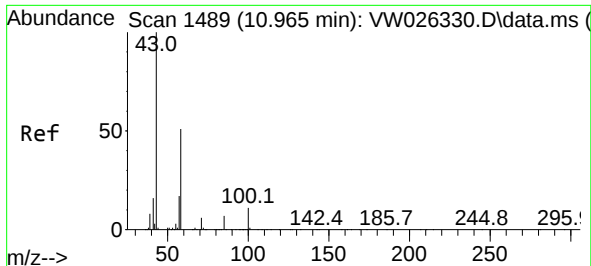
Tgt Ion:	97	Resp:	41376
Ion	Ratio	Lower	Upper
97	100		
99	58.0	42.4	78.6
83	87.4	60.8	113.0
85	55.1	39.1	72.7



#46
Tetrachloroethene
Concen: 5.200 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion:	164	Resp:	39392
Ion	Ratio	Lower	Upper
164	100		
129	97.0	73.8	137.0
131	86.9	69.0	128.2
166	114.7	91.1	169.3

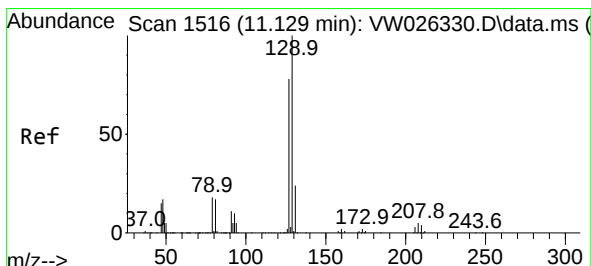
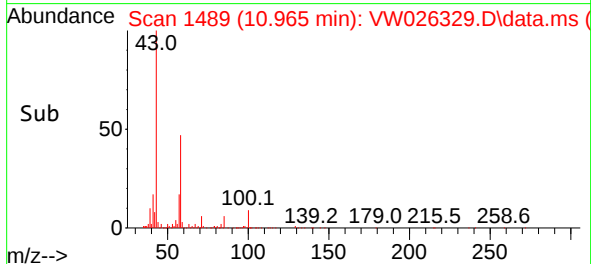
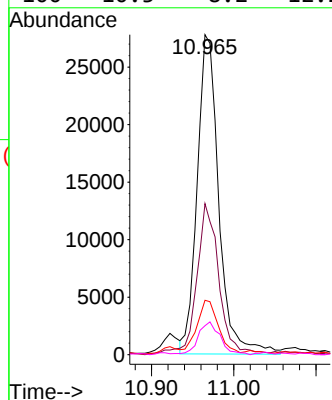
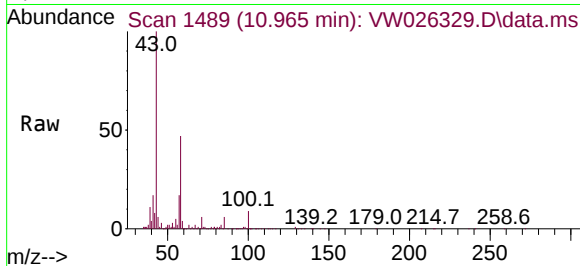




#48
2-Hexanone
Concen: 9.515 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

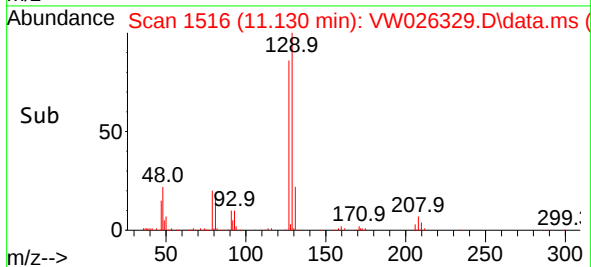
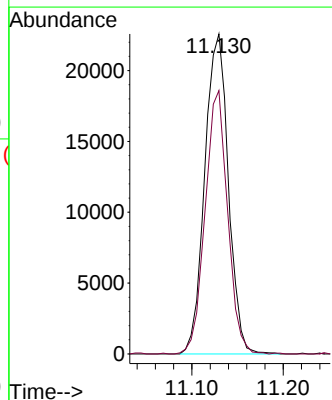
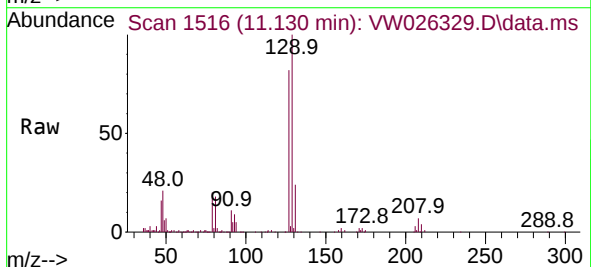
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

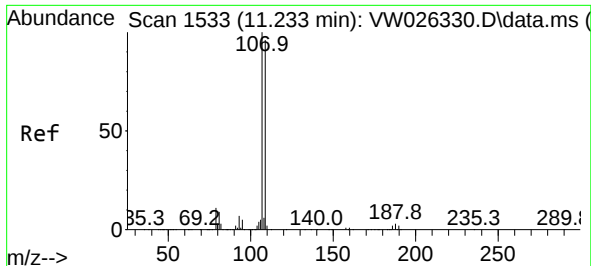
Tgt Ion:	43	Resp:	50848
Ion	Ratio	Lower	Upper
43	100		
58	47.3	40.1	60.1
57	16.5	13.4	20.0
100	10.3	8.2	12.2



#49
Dibromochloromethane
Concen: 5.028 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion:	129	Resp:	40451
Ion	Ratio	Lower	Upper
129	100		
127	82.3	54.4	101.0





#50

1,2-Dibromoethane

Concen: 5.109 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD005466

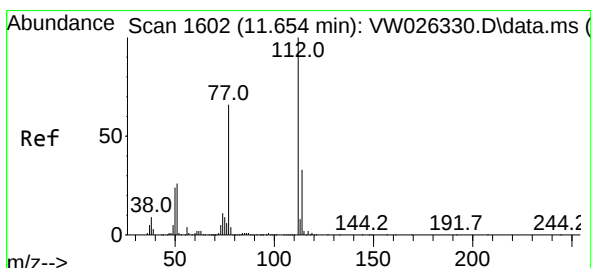
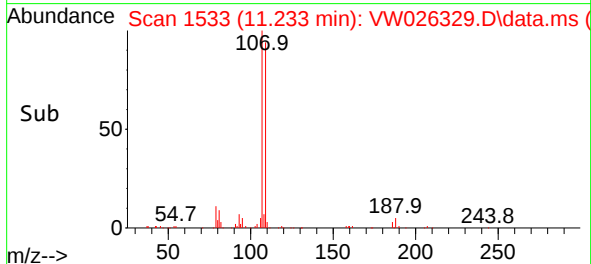
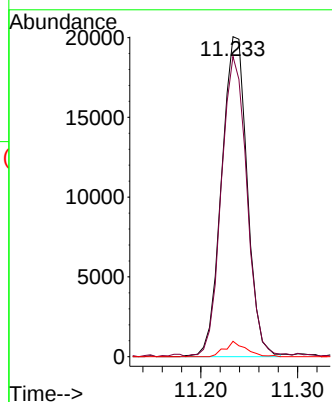
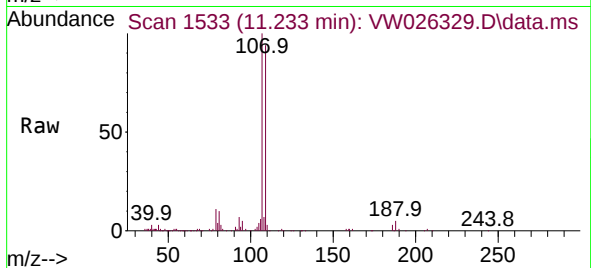
Tgt Ion:107 Resp: 36848

Ion Ratio Lower Upper

107 100

109 93.8 67.1 124.5

188 4.8 2.6 3.8#



#51

Chlorobenzene

Concen: 5.156 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

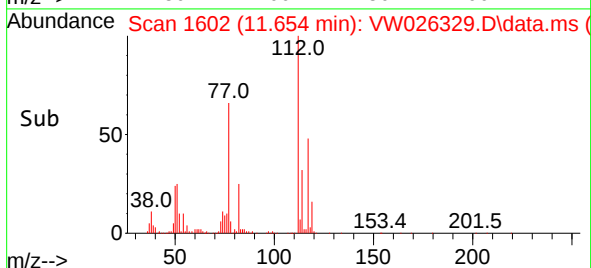
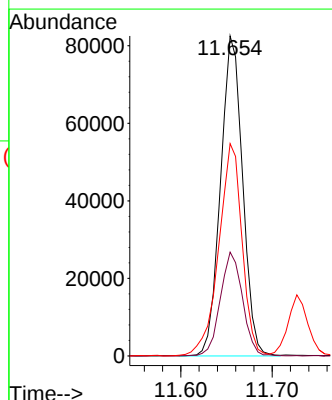
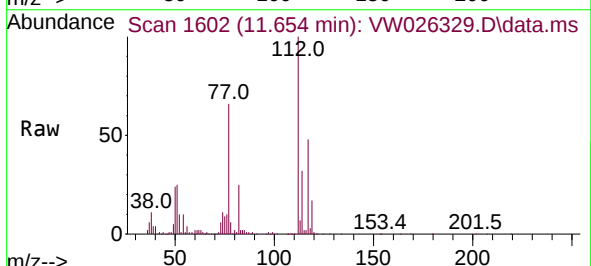
Tgt Ion:112 Resp: 138498

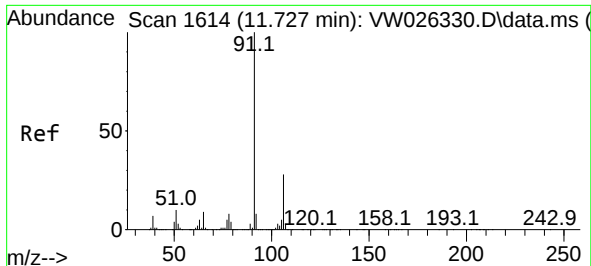
Ion Ratio Lower Upper

112 100

114 32.5 23.0 42.8

77 66.3 53.2 79.8

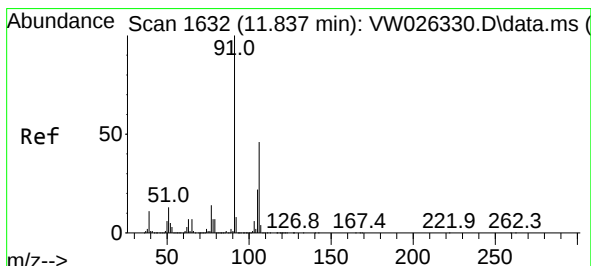
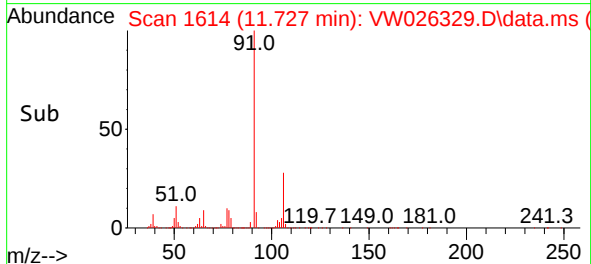
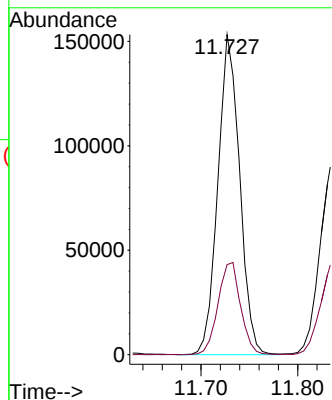
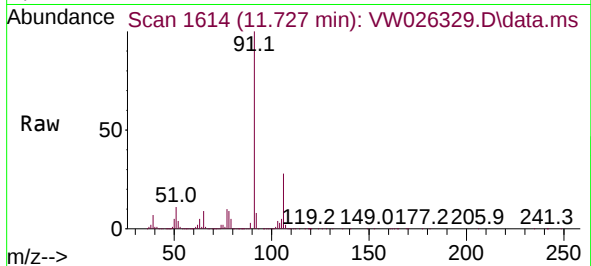




#52
Ethylbenzene
Concen: 5.041 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

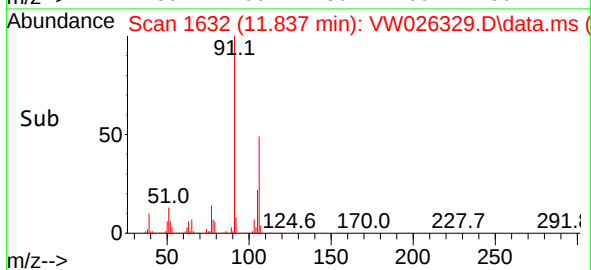
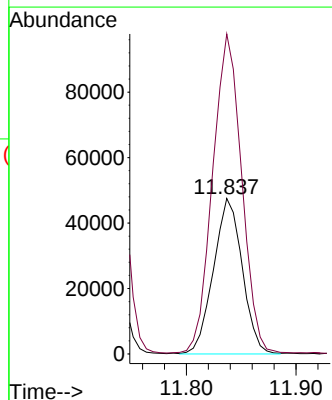
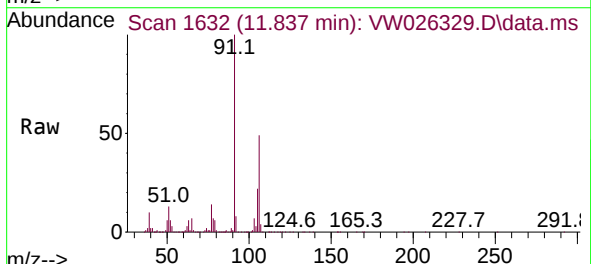
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

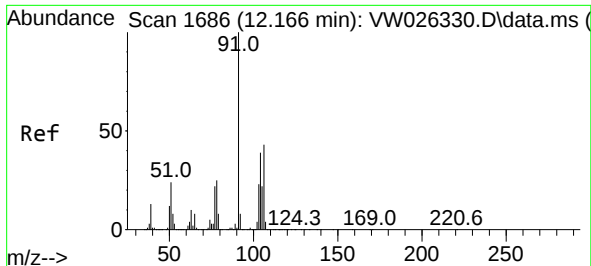
Tgt Ion: 91 Resp: 239310
Ion Ratio Lower Upper
91 100
106 28.1 19.9 36.9



#53
m,p-Xylene
Concen: 5.017 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion: 106 Resp: 86865
Ion Ratio Lower Upper
106 100
91 205.8 152.1 282.5

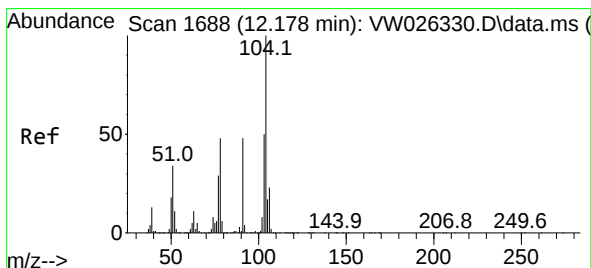
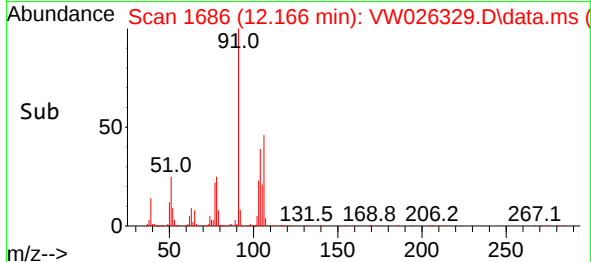
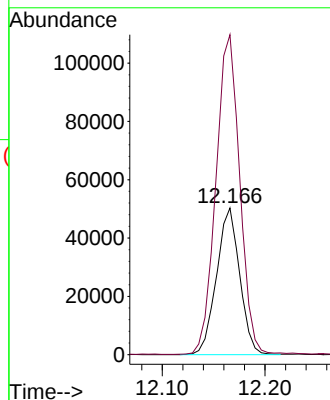
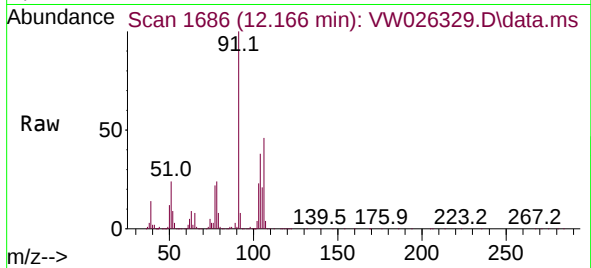




#54
o-Xylene
Concen: 4.829 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

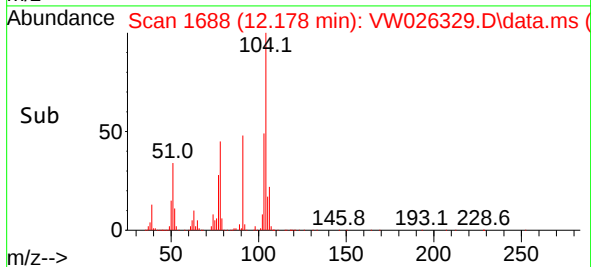
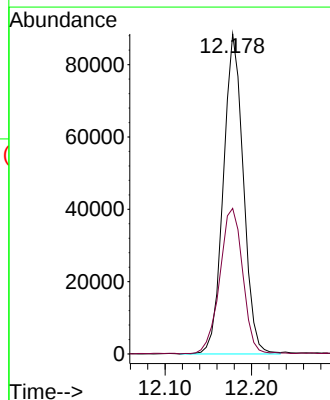
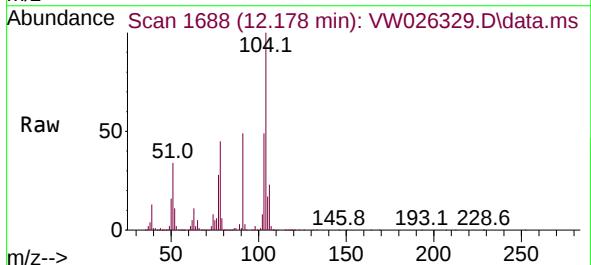
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

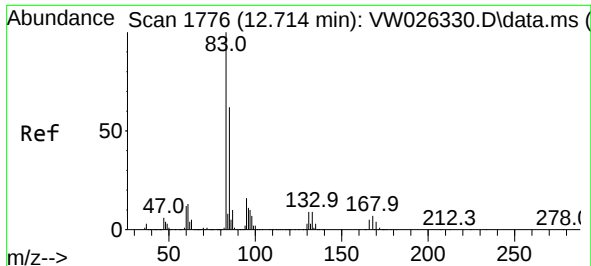
Tgt Ion:106 Resp: 78717
Ion Ratio Lower Upper
106 100
91 218.0 161.5 299.9



#55
Styrene
Concen: 5.004 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion:104 Resp: 142279
Ion Ratio Lower Upper
104 100
78 45.5 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.287 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD005466

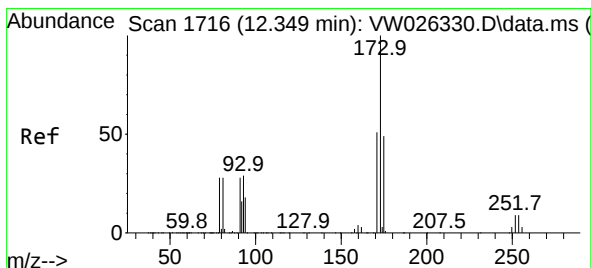
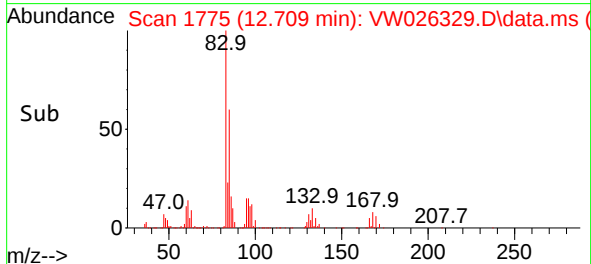
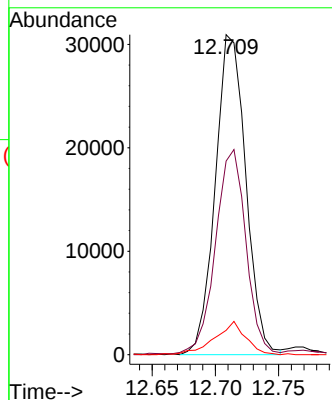
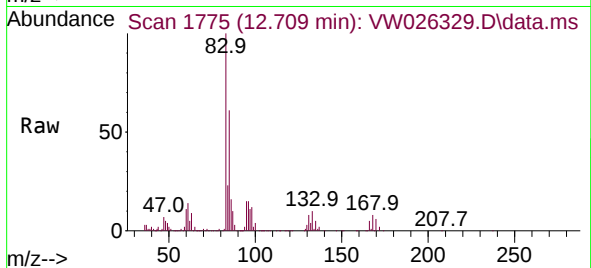
Tgt Ion: 83 Resp: 51919

Ion Ratio Lower Upper

83 100

85 60.5 43.7 81.1

131 7.6 7.4 11.0



#59

Bromoform

Concen: 4.870 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

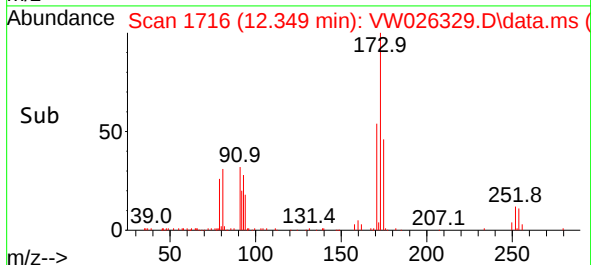
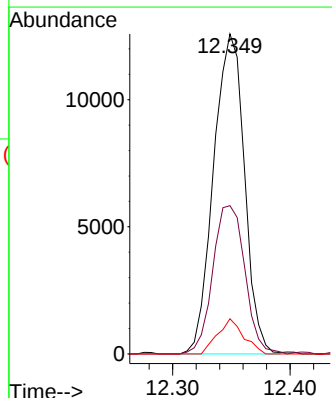
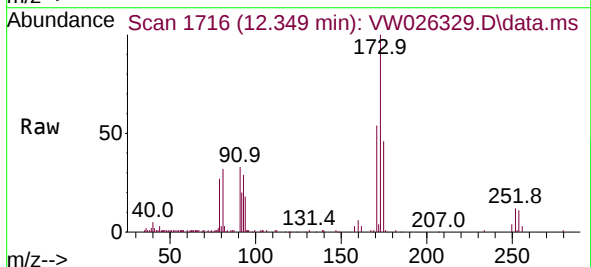
Tgt Ion: 173 Resp: 23010

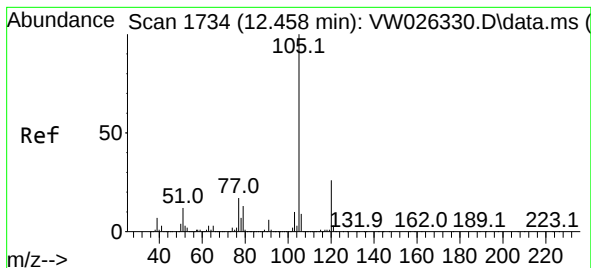
Ion Ratio Lower Upper

173 100

175 48.1 39.7 59.5

254 9.2 7.1 10.7





#60

Isopropylbenzene

Concen: 4.672 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD005466

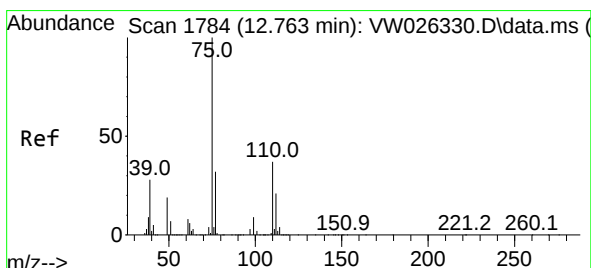
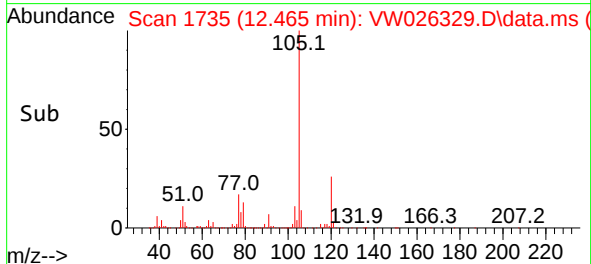
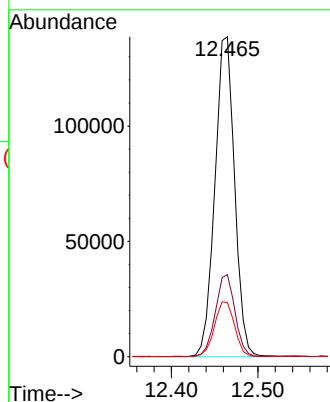
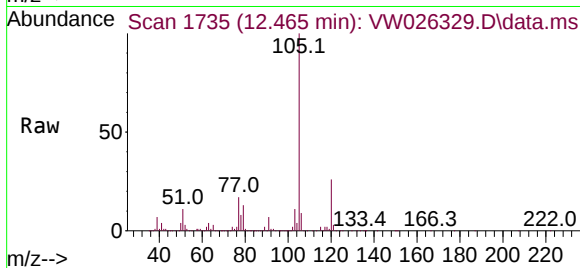
Tgt Ion:105 Resp: 219341

Ion Ratio Lower Upper

105 100

120 25.6 20.4 30.6

77 17.4 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 5.025 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

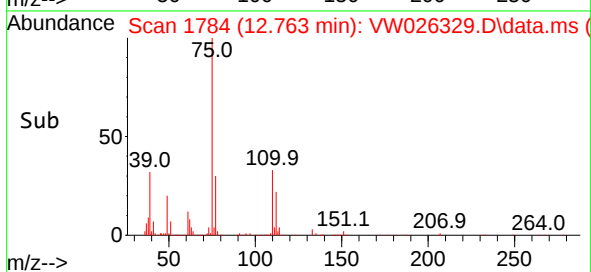
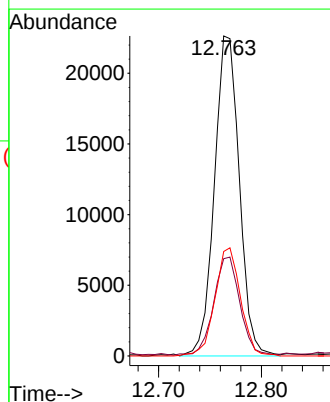
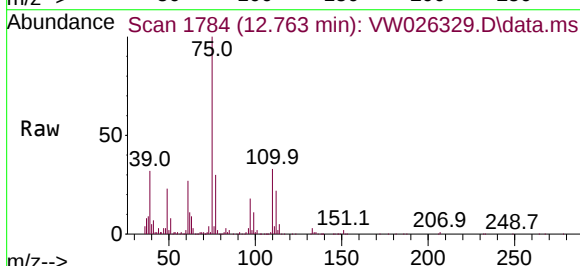
Tgt Ion: 75 Resp: 38151

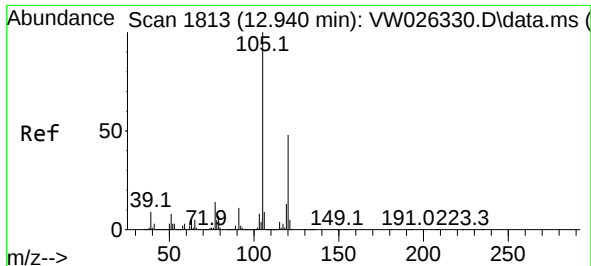
Ion Ratio Lower Upper

75 100

77 31.2 25.9 38.9

110 34.6 29.4 44.0

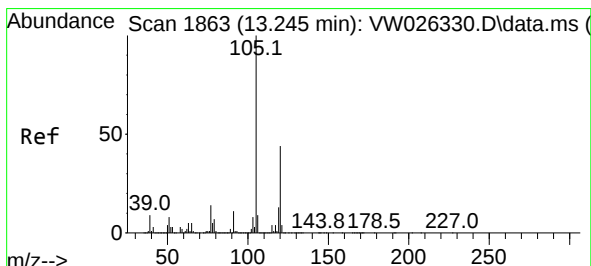
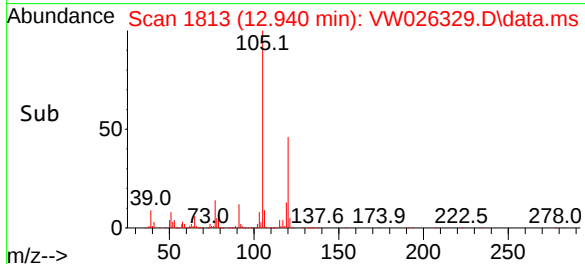
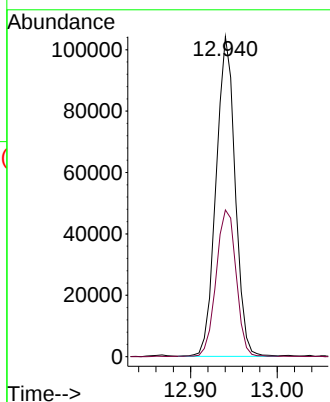
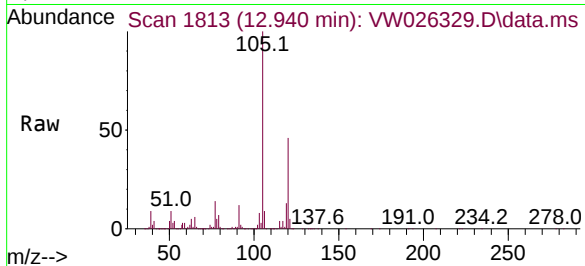




#62
1,3,5-Trimethylbenzene
Concen: 4.379 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

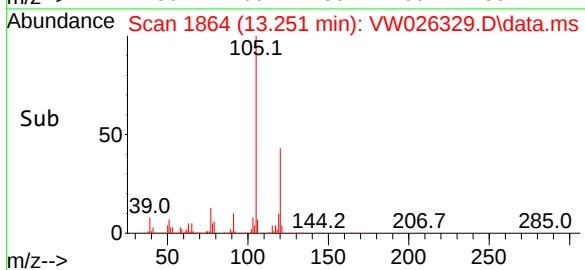
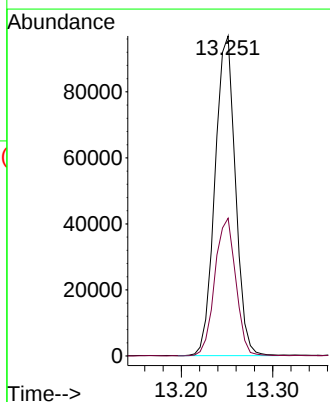
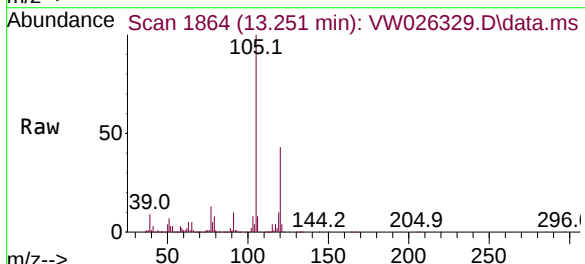
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

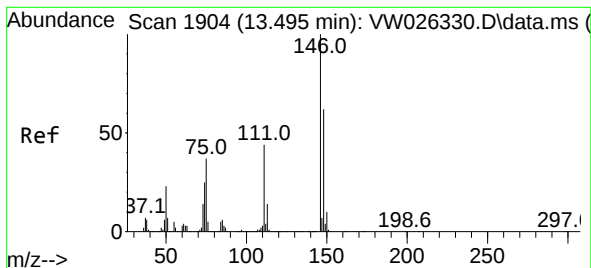
Tgt Ion:105 Resp: 159371
Ion Ratio Lower Upper
105 100
120 47.9 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 4.294 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion:105 Resp: 150723
Ion Ratio Lower Upper
105 100
120 44.1 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 4.961 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD005466

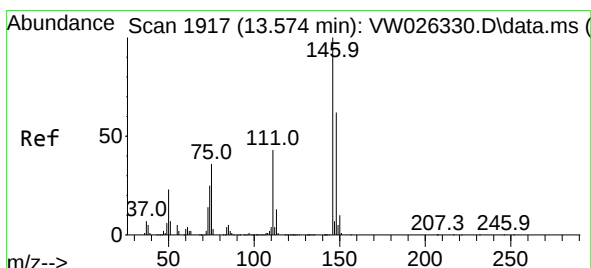
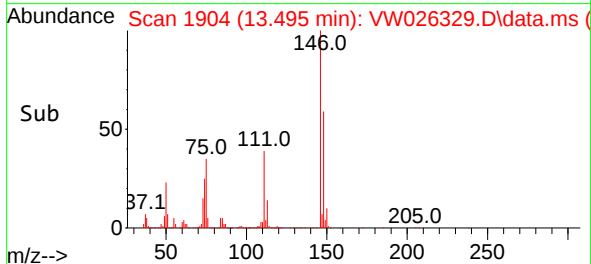
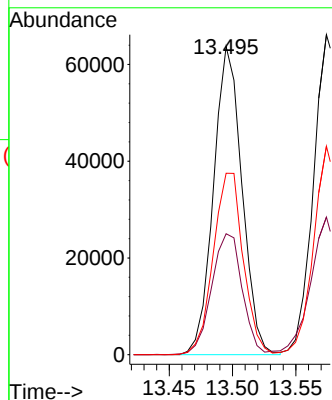
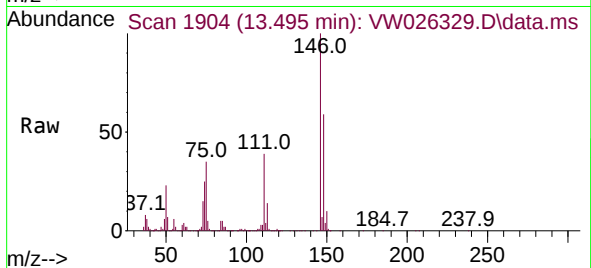
Tgt Ion:146 Resp: 99747

Ion Ratio Lower Upper

146 100

111 39.3 30.8 57.2

148 58.9 43.3 80.3



#65

1,4-Dichlorobenzene

Concen: 5.211 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

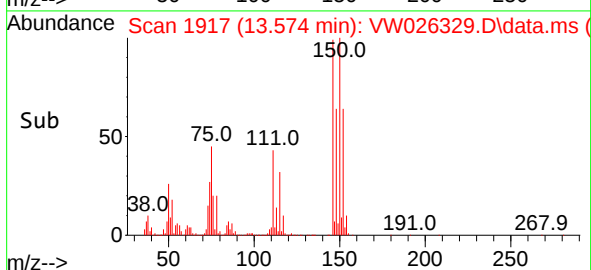
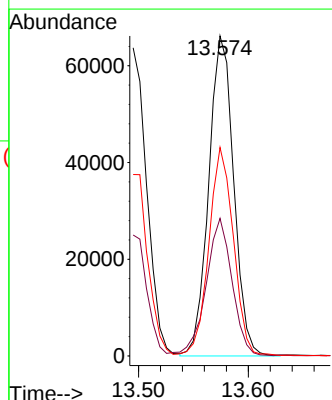
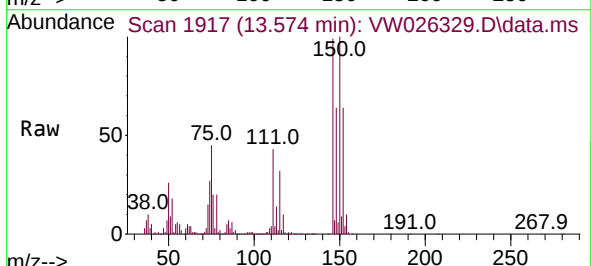
Tgt Ion:146 Resp: 104858

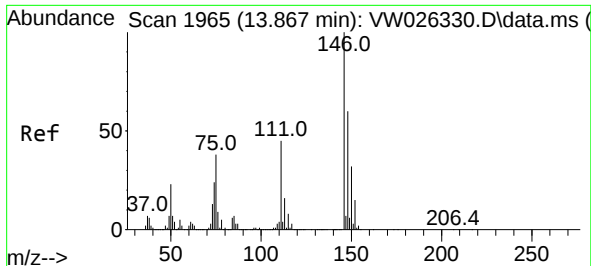
Ion Ratio Lower Upper

146 100

111 43.0 30.0 55.8

148 65.1 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 5.030 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD005466

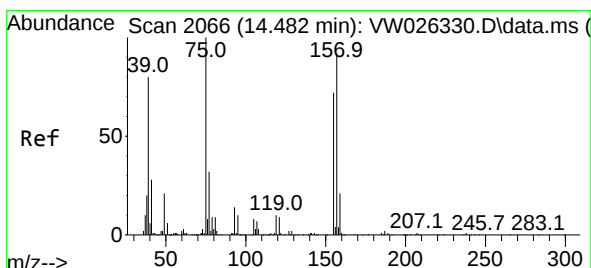
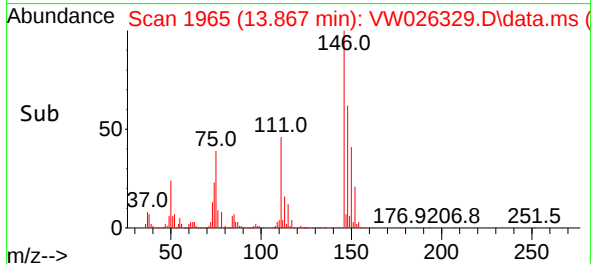
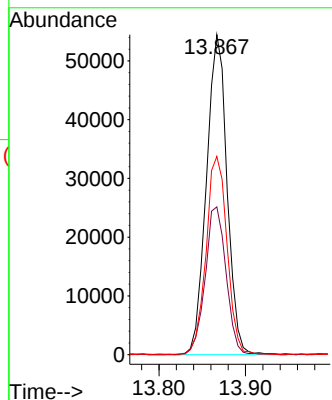
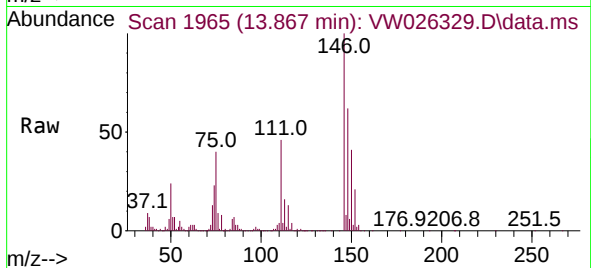
Tgt Ion:146 Resp: 90073

Ion Ratio Lower Upper

146 100

111 46.2 36.0 54.0

148 61.9 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.986 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026329.D

Acq: 26 Jun 2023 11:36

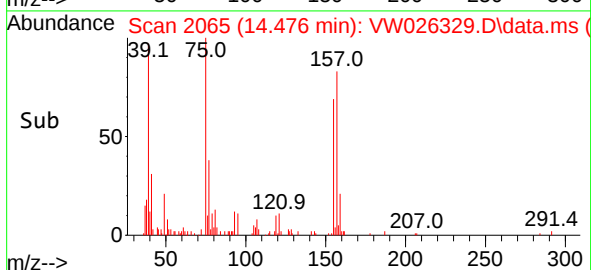
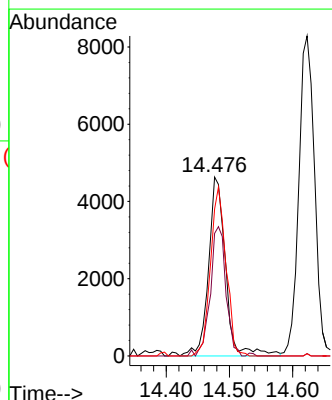
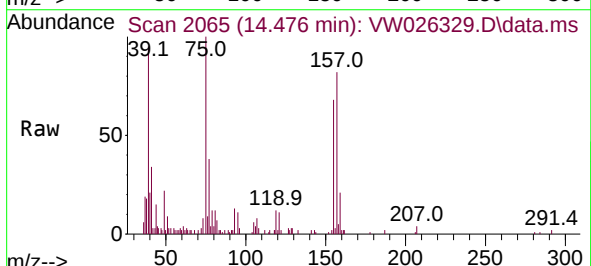
Tgt Ion: 75 Resp: 8710

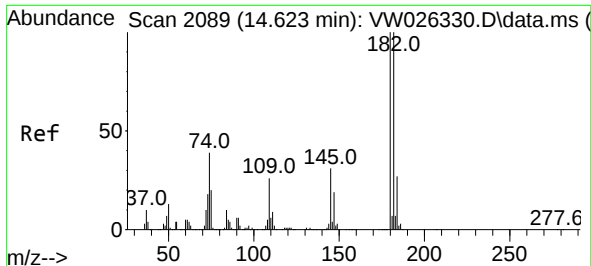
Ion Ratio Lower Upper

75 100

155 68.5 57.5 86.3

157 82.1 73.4 110.0

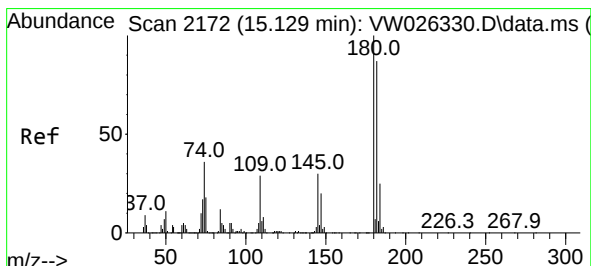
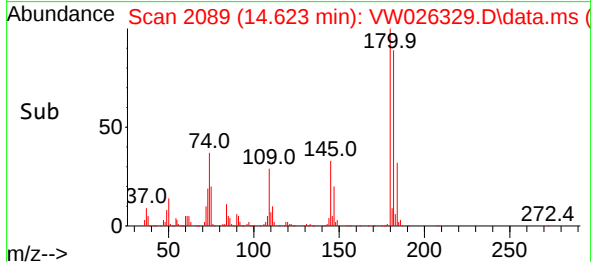
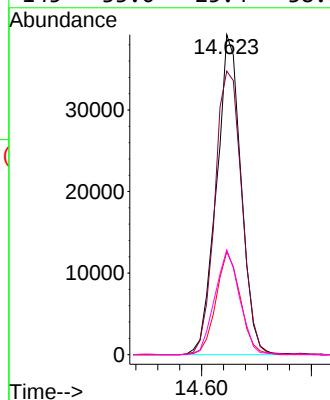
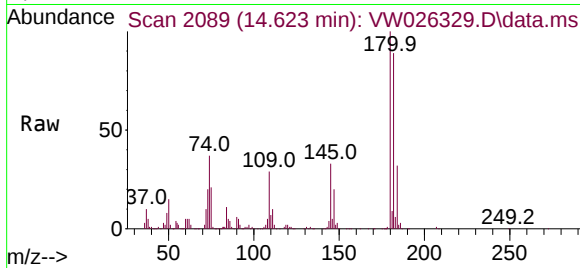




#69
1,3,5-Trichlorobenzene
Concen: 4.746 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

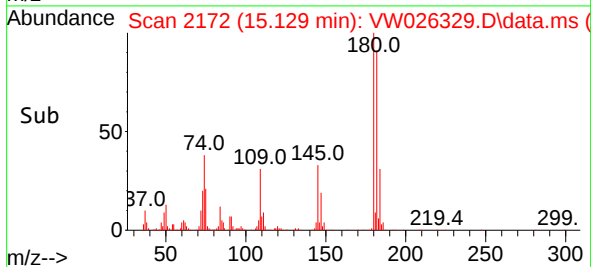
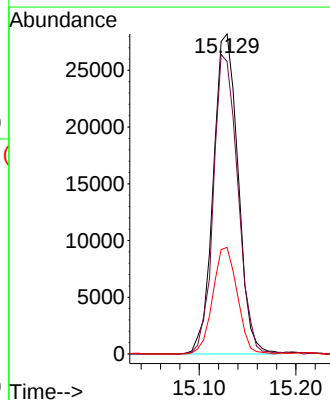
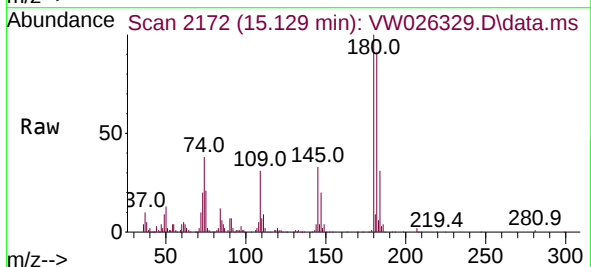
Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

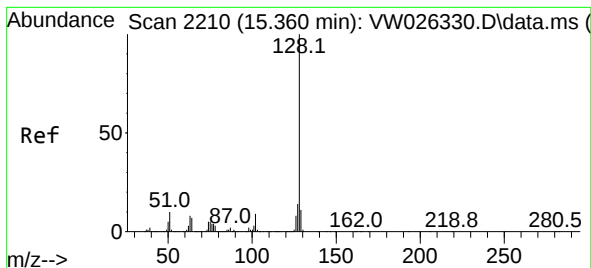
Tgt Ion:	180	Resp:	61325
Ion Ratio	Lower	Upper	
180	100		
182	96.7	74.2	111.4
184	31.6	23.8	35.6
145	33.0	25.4	38.0



#70
1,2,4-trichlorobenzene
Concen: 4.743 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion:	180	Resp:	50153
Ion Ratio	Lower	Upper	
180	100		
182	92.0	75.6	113.4
145	32.8	24.7	37.1

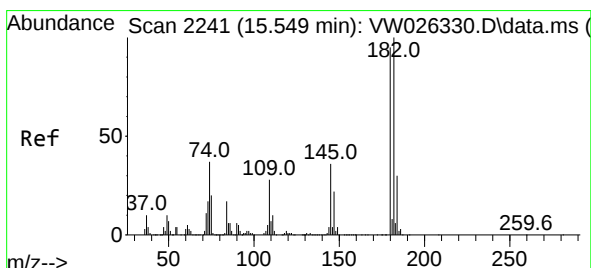
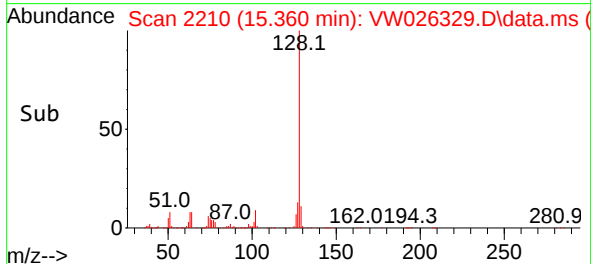
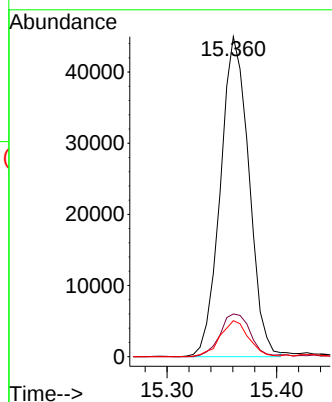
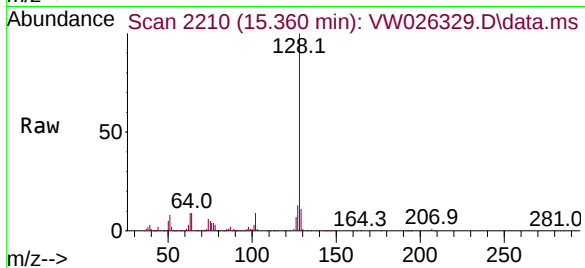




#71
Naphthalene
Concen: 3.831 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD005466

Tgt Ion:128 Resp: 81429
Ion Ratio Lower Upper
128 100
127 14.0 10.9 16.3
129 11.3 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 4.599 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW026329.D
Acq: 26 Jun 2023 11:36

Tgt Ion:180 Resp: 45407
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
145 36.4 28.5 42.7

