

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025714.D
 Acq On : 27 Apr 2023 07:59
 Operator : SY/MD
 Sample : VSTD2.543
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5443

Quant Time: Apr 28 02:20:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	661463	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	590543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	290094	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	20959	2.598	ug/L	0.00
7) Chloroethane-d5	2.899	69	12923	2.238	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	43838	2.380	ug/L	0.00
21) 2-Butanone-d5	7.087	46	10800	4.080	ug/L	0.01
24) Chloroform-d	7.654	84	47057	2.652	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	26446	2.734	ug/L	0.00
32) Benzene-d6	8.276	84	90938	2.536	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	29087	2.508	ug/L	0.00
41) Toluene-d8	10.325	98	75367	2.378	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	10468	2.316	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	6970	3.870	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	22266	2.605	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	26450	2.661	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	13796	1.695	ug/L #	86
3) Chloromethane	2.216	50	20619	1.864	ug/L	97
5) Vinyl chloride	2.369	62	22824	1.962	ug/L	95
6) Bromomethane	2.789	94	12073	1.962	ug/L	92
8) Chloroethane	2.936	64	10324	1.742	ug/L	93
9) Trichlorofluoromethane	3.271	101	15878	1.816	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	16296	1.791	ug/L	92
12) 1,1-Dichloroethene	4.045	96	16639	1.867	ug/L	90
14) Carbon disulfide	4.381	76	61249	1.957	ug/L	99
15) Methyl Acetate	4.679	43	8868	1.816	ug/L	97
16) Methylene chloride	4.917	84	45096	3.631	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	18182	1.930	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	24653	1.819	ug/L #	78
19) 1,1-Dichloroethane	6.216	63	38640	2.013	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	18986	1.922	ug/L #	90
22) 2-Butanone	7.179	43	10734	3.430	ug/L	84
23) Bromochloromethane	7.514	128	8610	2.099	ug/L	98
25) Chloroform	7.679	83	35087	1.990	ug/L	99
27) 1,2-Dichloroethane	8.398	62	24175	2.002	ug/L #	95
29) Cyclohexane	7.959	56	29429	1.602	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	28378	1.980	ug/L	98
31) Carbon tetrachloride	8.069	117	24413	1.871	ug/L	99
33) Benzene	8.325	78	75753	1.880	ug/L	100
34) Trichloroethene	9.093	95	20085	1.929	ug/L	97
35) Methylcyclohexane	9.337	83	32371	1.750	ug/L	96
37) 1,2-Dichloropropane	9.367	63	21102	1.942	ug/L #	97
38) Bromodichloromethane	9.648	83	23148	1.885	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	26562	1.707	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	22367	3.413	ug/L	95
42) Toluene	10.386	91	73689	1.792	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	21550	1.686	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	13222	1.878	ug/L	98

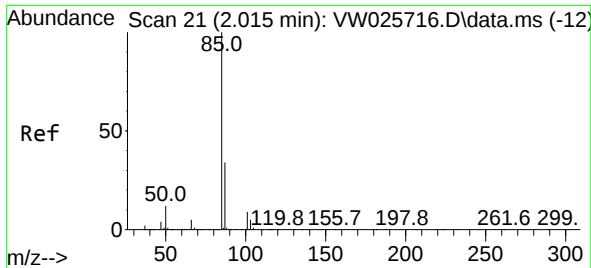
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025714.D
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Quant Time: Apr 28 02:20:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.861	164	14013	1.901	ug/L	88
48) 2-Hexanone	10.971	43	14895	3.228	ug/L #	96
49) Dibromochloromethane	11.123	129	13041	1.789	ug/L	95
50) 1,2-Dibromoethane	11.233	107	12113	1.876	ug/L #	97
51) Chlorobenzene	11.654	112	49169	1.943	ug/L	98
52) Ethylbenzene	11.727	91	80333	1.742	ug/L	98
53) m,p-Xylene	11.843	106	28558	1.678	ug/L	92
54) o-Xylene	12.166	106	25925	1.633	ug/L	95
55) Styrene	12.178	104	43171	1.605	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	16377	1.900	ug/L #	93
59) Bromoform	12.349	173	7644	1.902	ug/L	98
60) Isopropylbenzene	12.464	105	72527	1.628	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	12125	1.922	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	50960	1.455	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	46789	1.479	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	33327	1.772	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	37614	1.973	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	31599	1.905	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	3336	2.320	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	22785	1.863	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	17017	1.629	ug/L	97
71) Naphthalene	15.360	128	26832	1.438	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	16183	1.755	ug/L	100

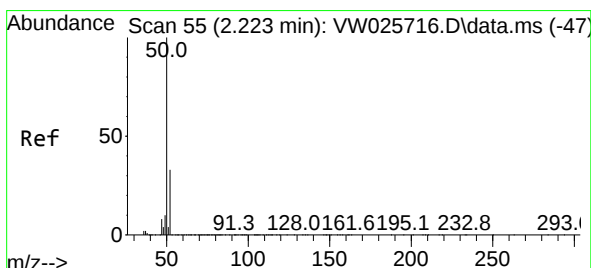
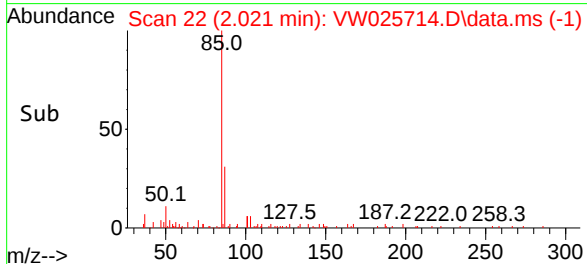
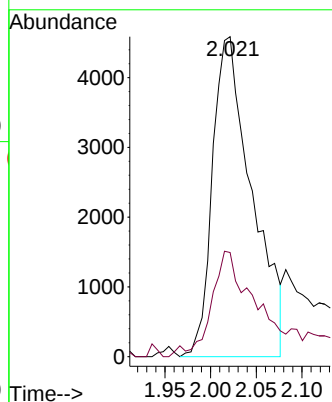
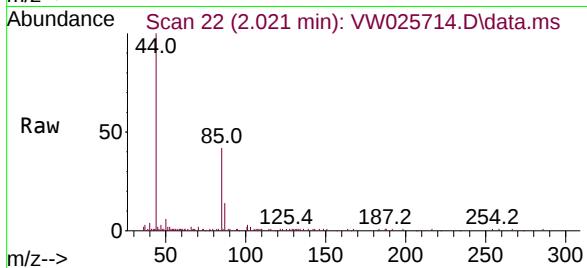
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 1.695 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

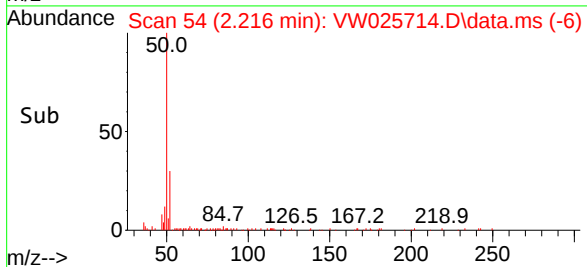
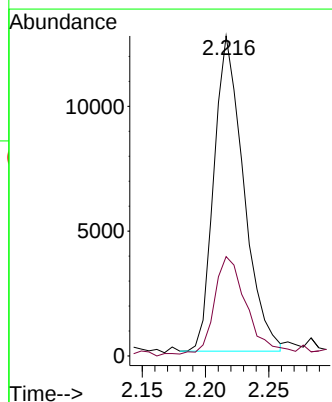
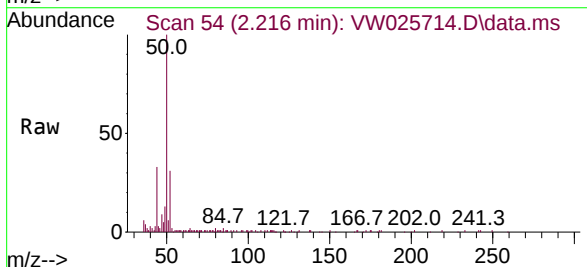
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5443

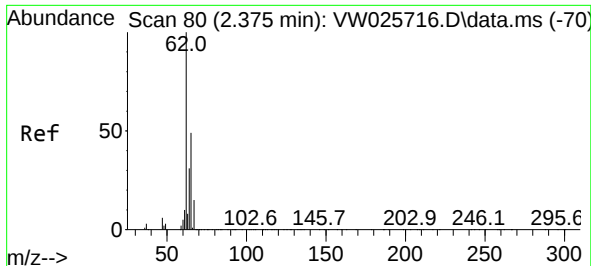
Tgt Ion: 85 Resp: 13796
 Ion Ratio Lower Upper
 85 100
 87 19.5 21.3 31.9#



#3
 Chloromethane
 Concen: 1.864 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

Tgt Ion: 50 Resp: 20619
 Ion Ratio Lower Upper
 50 100
 52 31.0 22.9 42.5

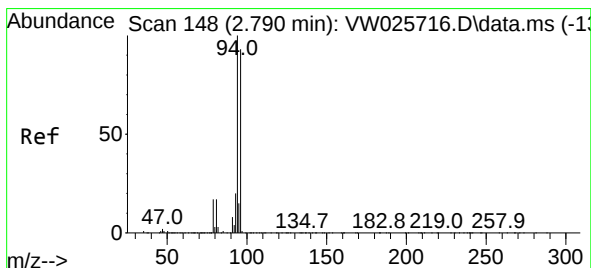
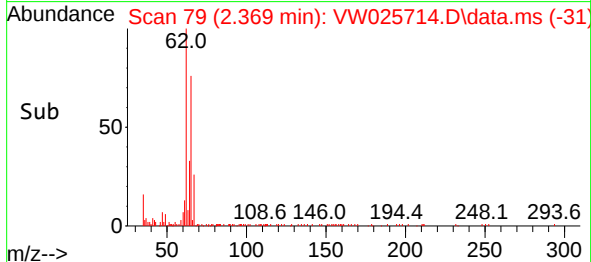
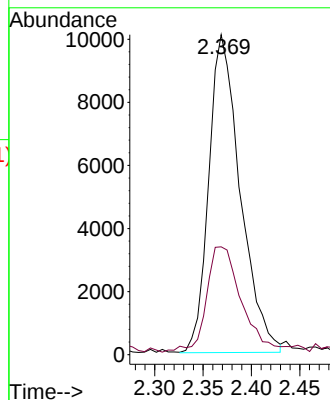
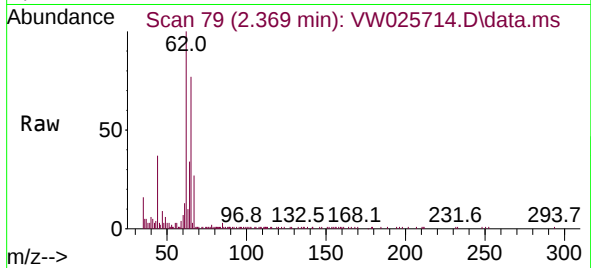




#5
 Vinyl chloride
 Concen: 1.962 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

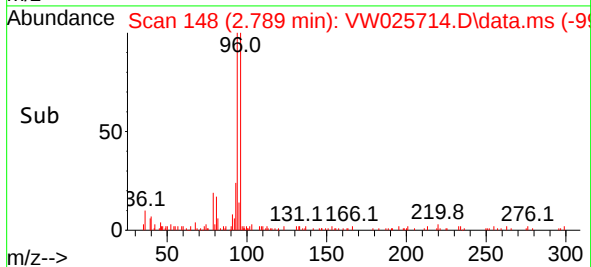
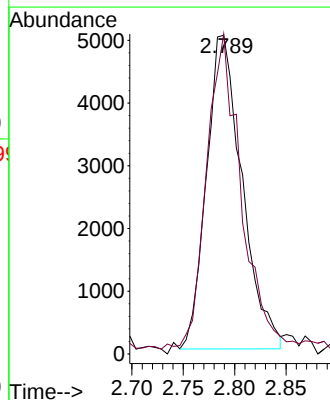
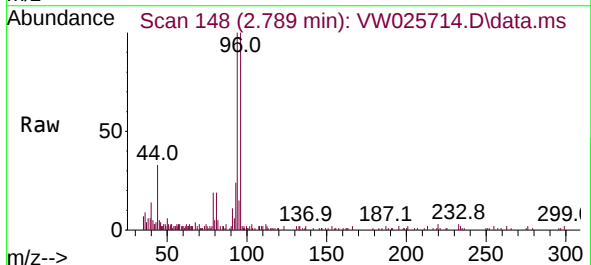
Instrument :
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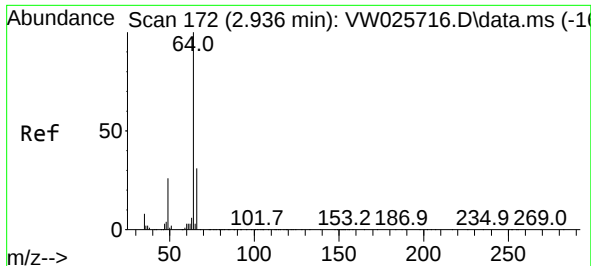
Tgt Ion: 62 Resp: 22824
 Ion Ratio Lower Upper
 62 100
 64 33.7 21.8 40.6



#6
 Bromomethane
 Concen: 1.962 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

Tgt Ion: 94 Resp: 12073
 Ion Ratio Lower Upper
 94 100
 96 100.4 65.2 121.2

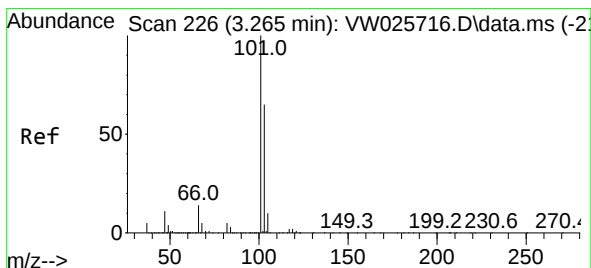
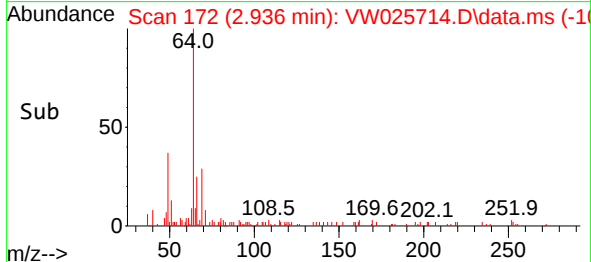
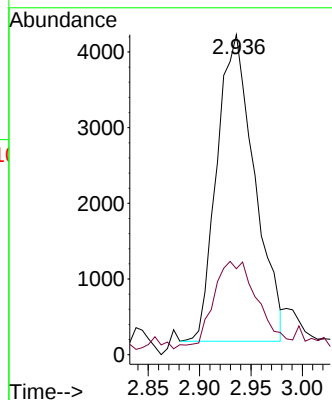
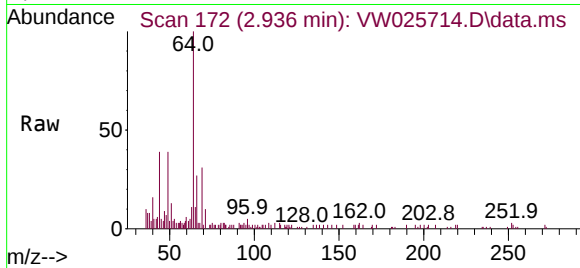




#8
Chloroethane
Concen: 1.742 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

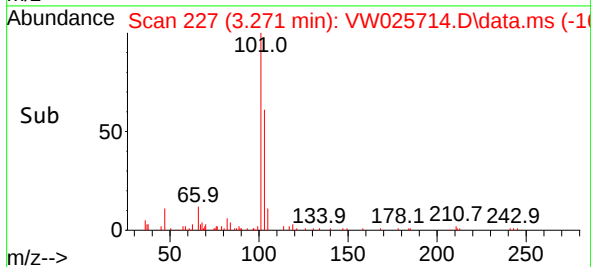
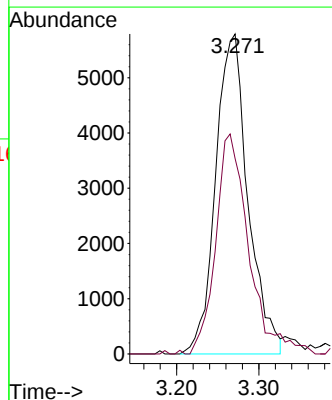
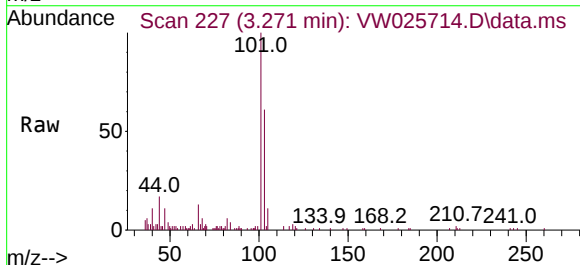
Instrument :
MSVOA_W
ClientSampleId :
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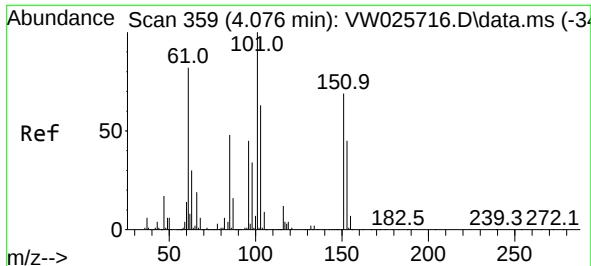
Tgt Ion: 64 Resp: 10324
Ion Ratio Lower Upper
64 100
66 26.9 21.5 39.9



#9
Trichlorofluoromethane
Concen: 1.816 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion: 101 Resp: 15878
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.4

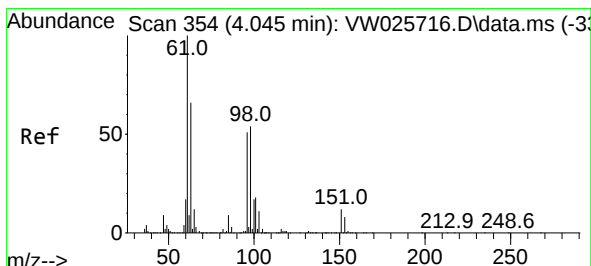
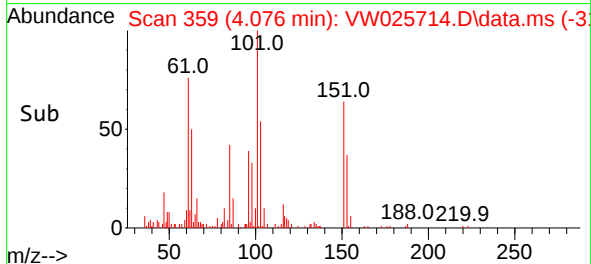
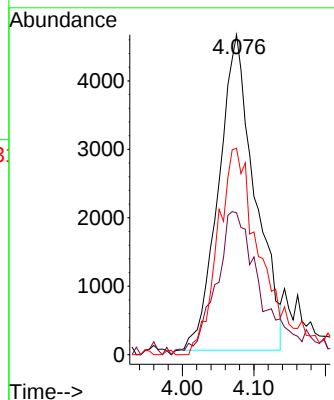
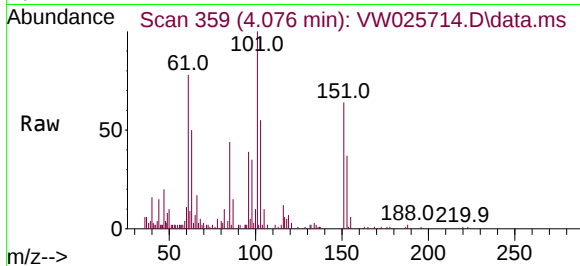




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.791 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

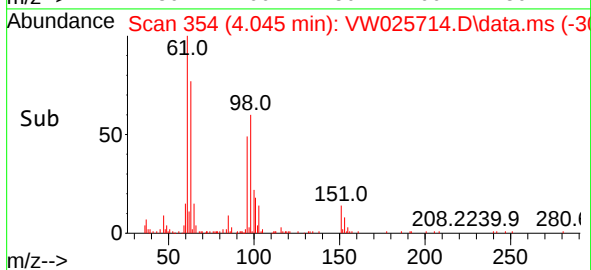
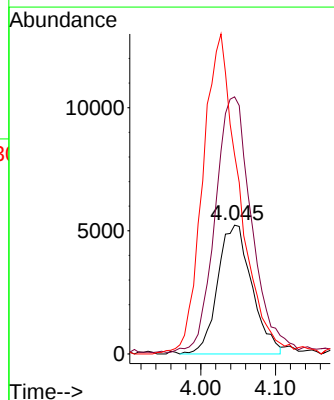
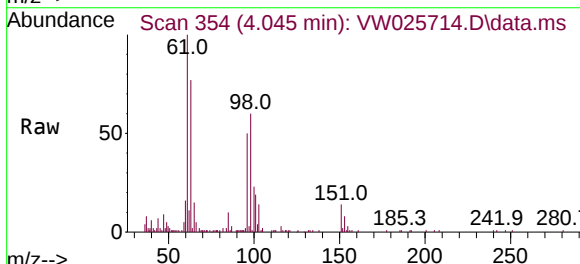
Instrument :
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 ClientSampleId :
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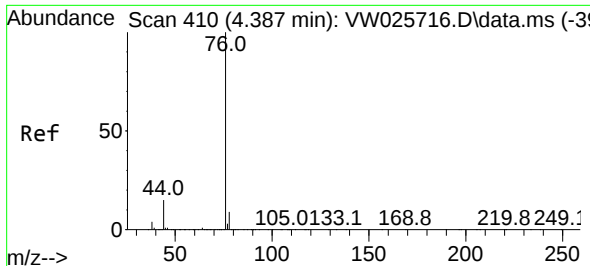
Tgt Ion:	101	Resp:	16296
Ion	Ratio	Lower	Upper
101	100		
85	42.1	35.9	53.9
151	75.9	54.1	81.1



#12
 1,1-Dichloroethene
 Concen: 1.867 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

Tgt Ion:	96	Resp:	16639
Ion	Ratio	Lower	Upper
96	100		
61	199.5	137.9	256.1
63	154.5	90.5	168.1

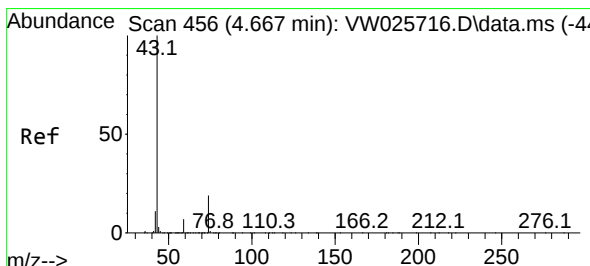
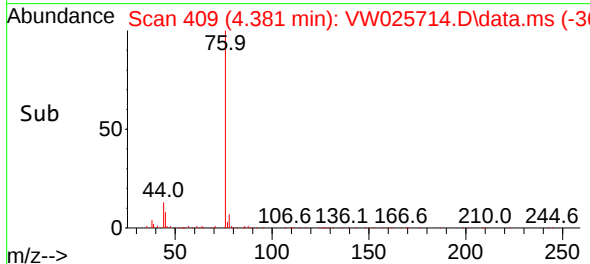
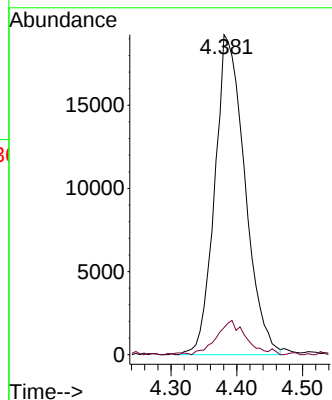
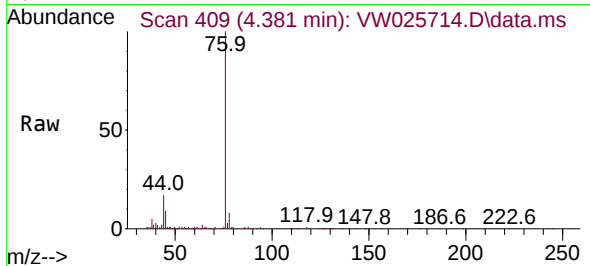




#14
Carbon disulfide
Concen: 1.957 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

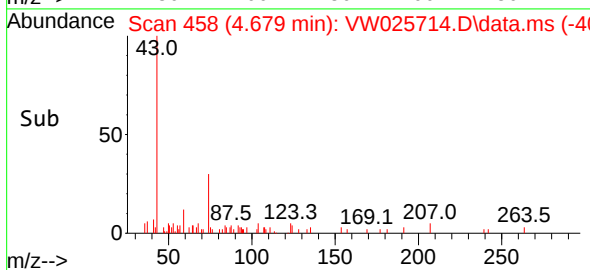
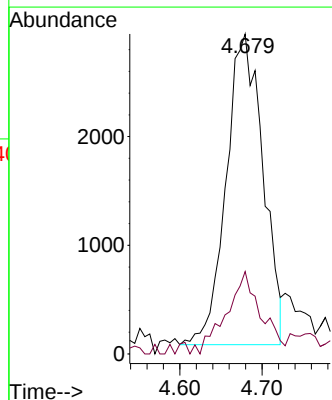
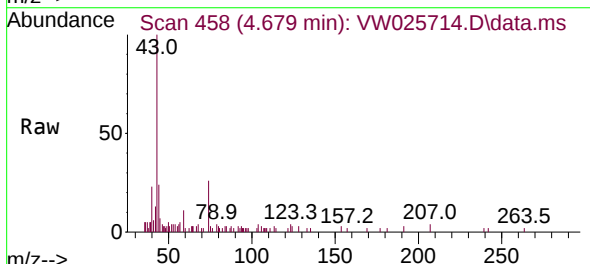
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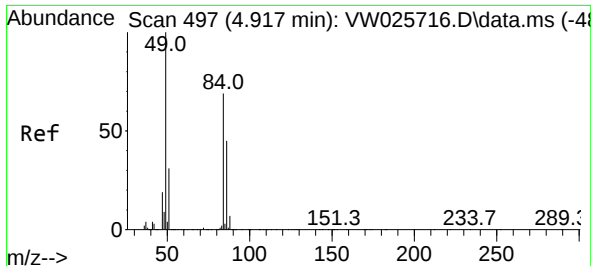
Tgt Ion: 76 Resp: 61249
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#15
Methyl Acetate
Concen: 1.816 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.012 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion: 43 Resp: 8868
Ion Ratio Lower Upper
43 100
74 21.6 16.1 24.1

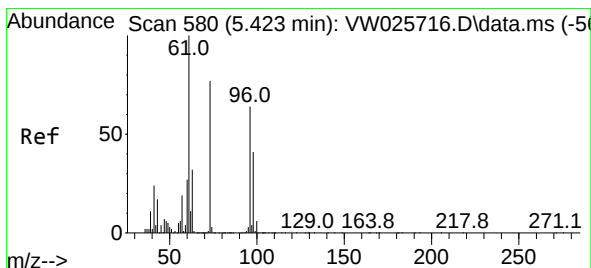
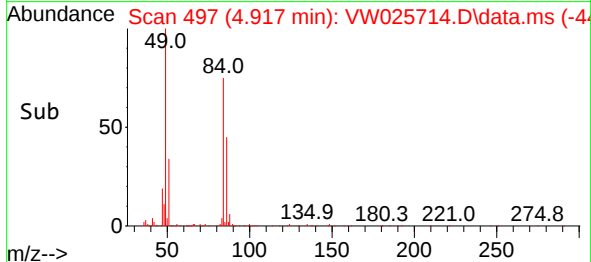
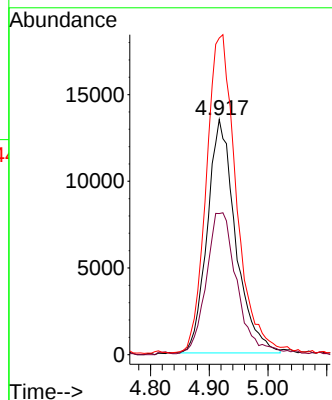
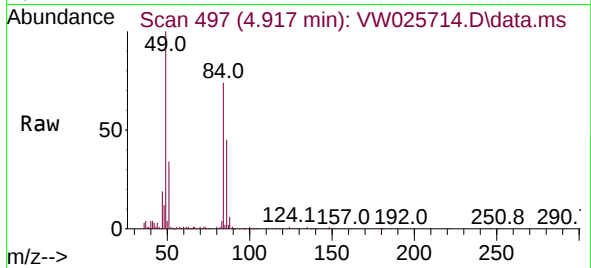




#16
Methylene chloride
Concen: 3.631 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

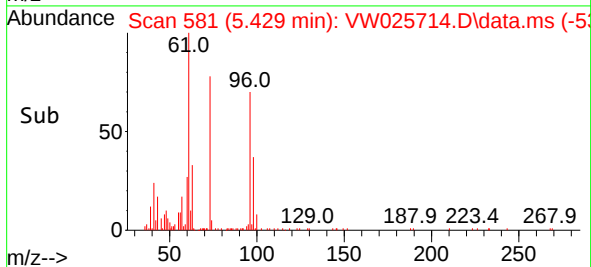
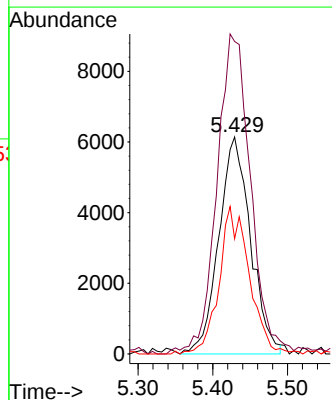
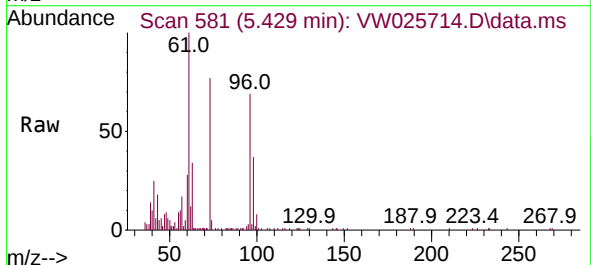
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ClientSampleId :
VSTD2.5443

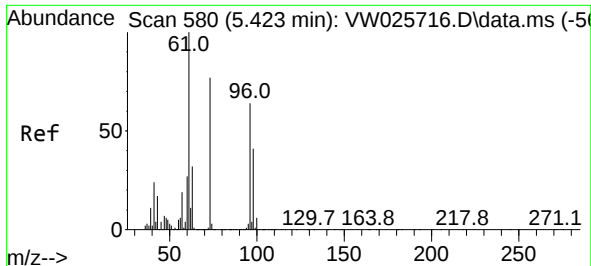
Tgt Ion: 84 Resp: 45096
Ion Ratio Lower Upper
84 100
86 60.0 46.3 85.9
49 134.6 101.9 189.3



#17
trans-1,2-Dichloroethene
Concen: 1.930 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion: 96 Resp: 18182
Ion Ratio Lower Upper
96 100
61 144.0 110.2 204.8
98 53.1 44.8 83.2

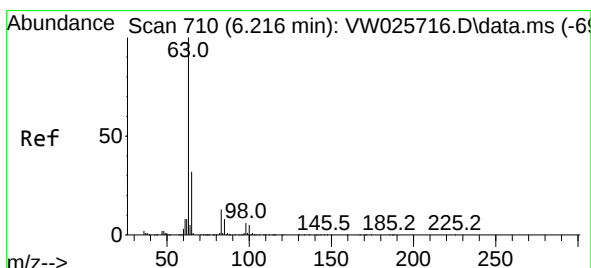
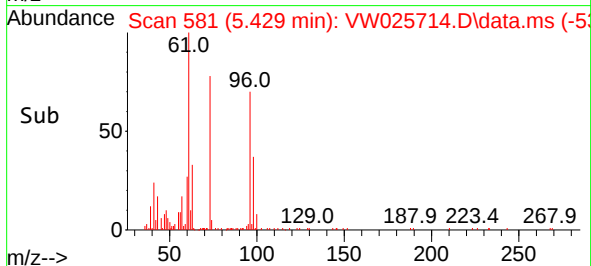
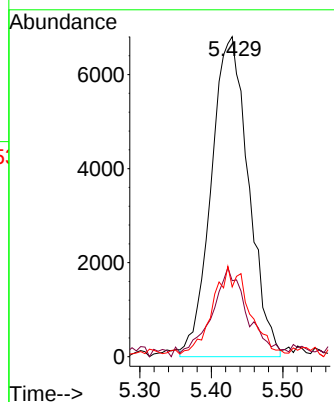
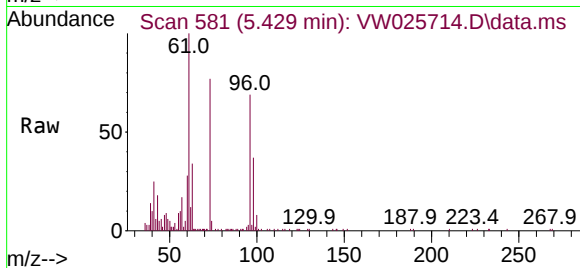




#18
Methyl tert-butyl Ether
Concen: 1.819 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

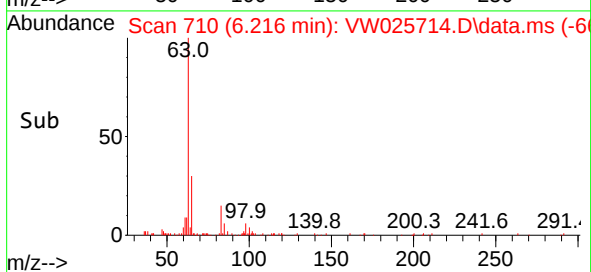
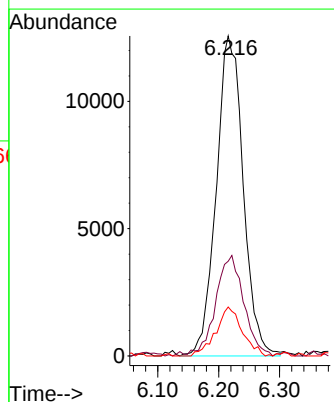
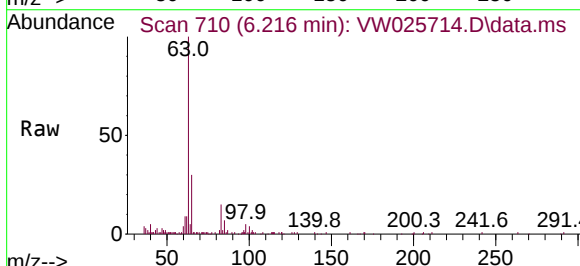
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

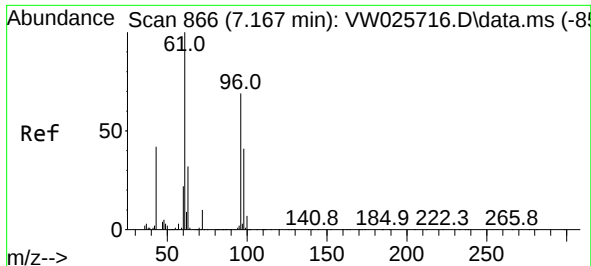
Tgt Ion: 73 Resp: 24653
Ion Ratio Lower Upper
73 100
43 20.6 18.2 27.4
57 4.9 19.3 28.9#



#19
1,1-Dichloroethane
Concen: 2.013 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion: 63 Resp: 38640
Ion Ratio Lower Upper
63 100
65 29.6 22.5 41.9
83 15.3 9.0 16.8

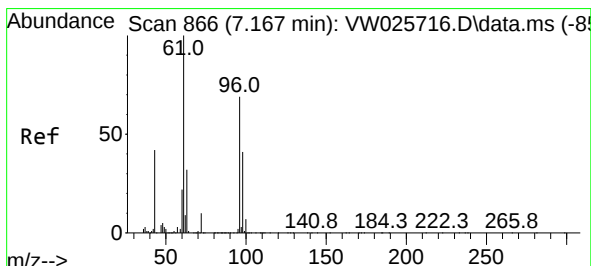
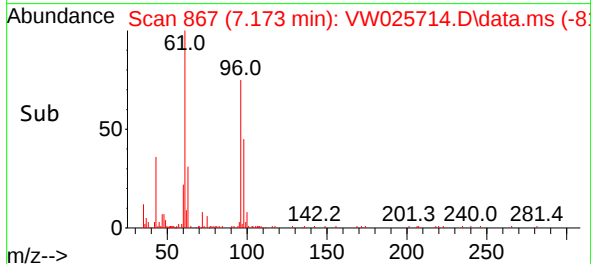
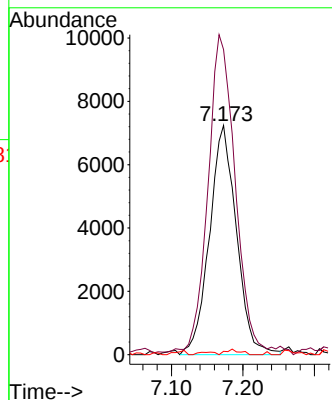
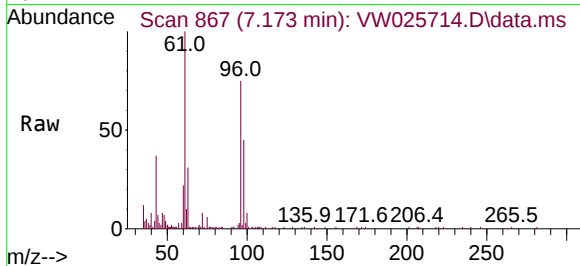




#20
 cis-1,2-Dichloroethene
 Concen: 1.922 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

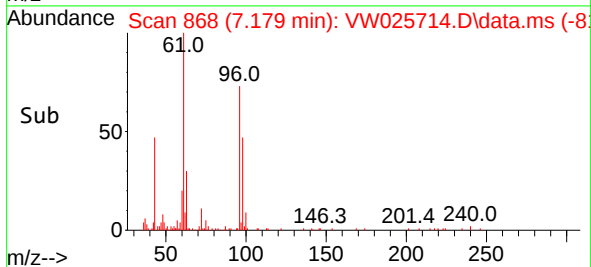
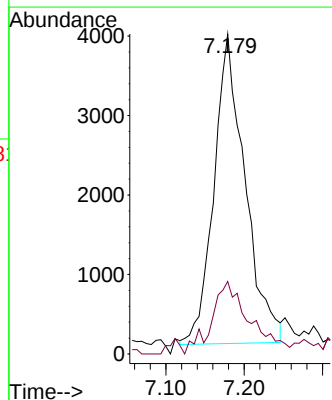
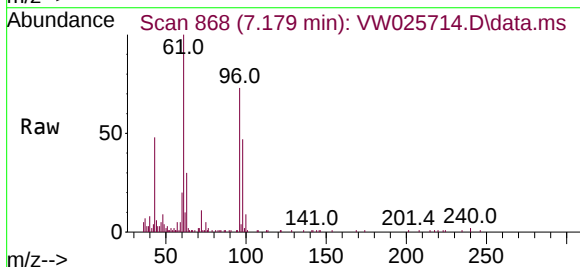
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5443

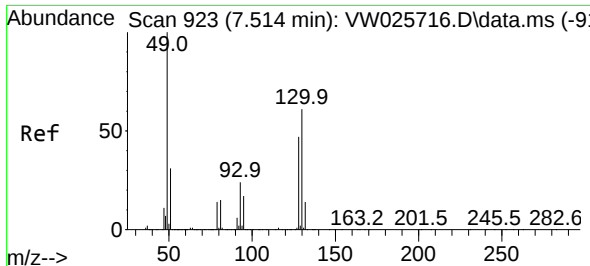
Tgt Ion: 96 Resp: 18986
 Ion Ratio Lower Upper
 96 100
 61 133.1 101.6 188.6
 68 1.5 0.1 0.1#



#22
 2-Butanone
 Concen: 3.430 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. 0.012 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

Tgt Ion: 43 Resp: 10734
 Ion Ratio Lower Upper
 43 100
 72 15.7 11.7 35.0

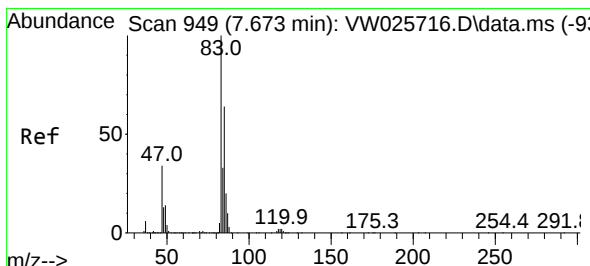
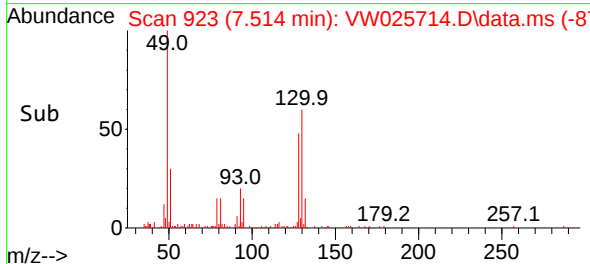
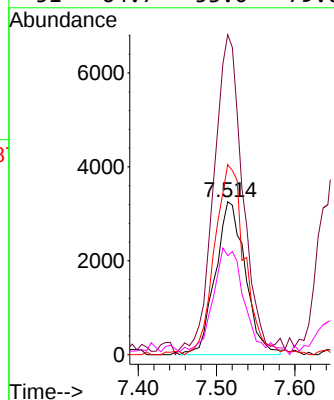
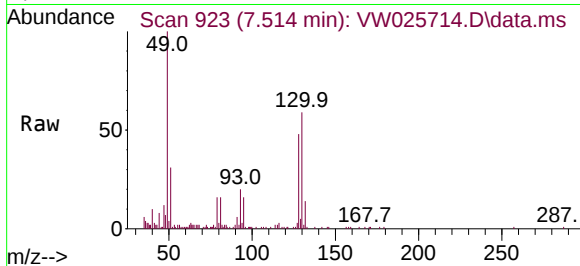




#23
Bromochloromethane
Concen: 2.099 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

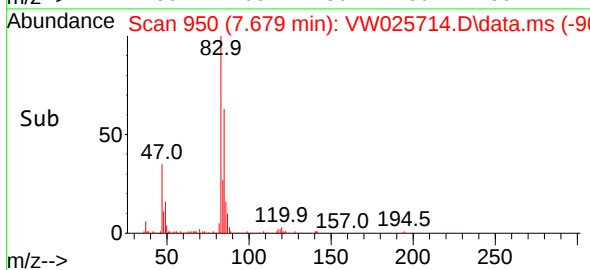
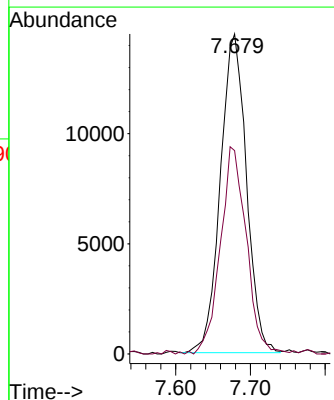
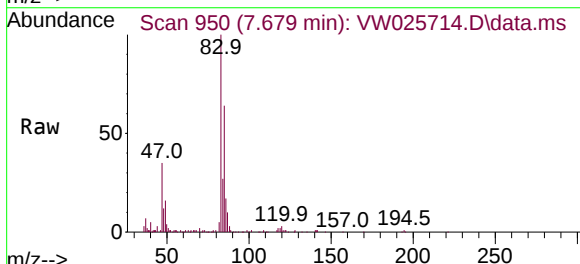
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

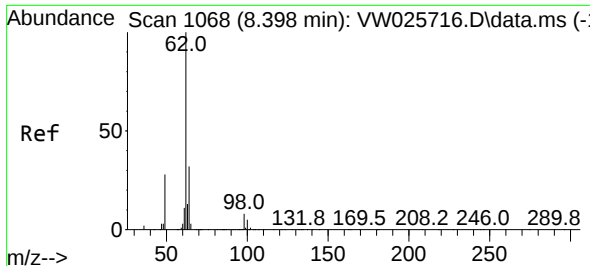
Tgt Ion:	128	Resp:	8610
Ion	Ratio	Lower	Upper
128	100		
49	209.2	148.0	274.8
130	124.2	90.3	167.7
51	64.7	53.0	79.6



#25
Chloroform
Concen: 1.990 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion:	83	Resp:	35087
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.9	83.5





#27

1,2-Dichloroethane

Concen: 2.002 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

Instrument :

MSVOA_W

ClientSampleId :

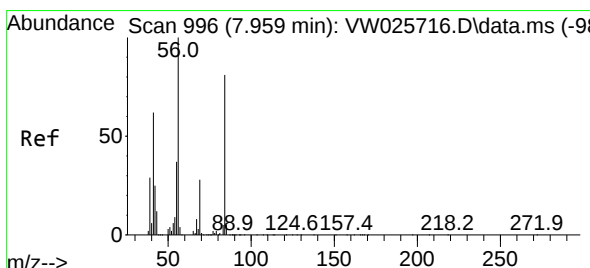
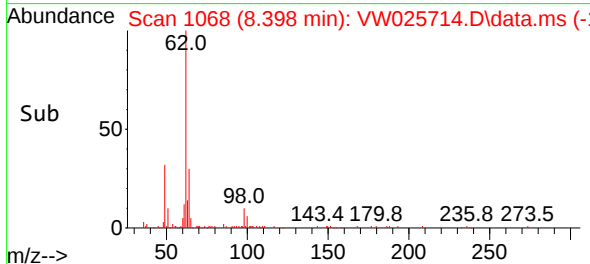
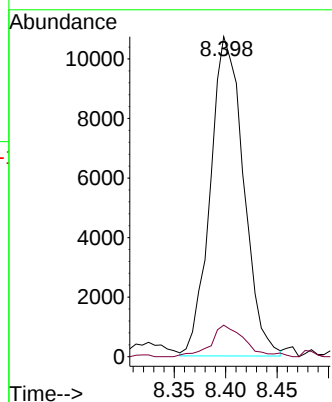
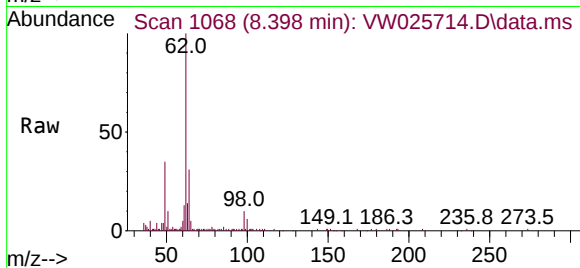
VSTD2.5443

Tgt Ion: 62 Resp: 24175

Ion Ratio Lower Upper

62 100

98 9.9 6.5 9.7#



#29

Cyclohexane

Concen: 1.602 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

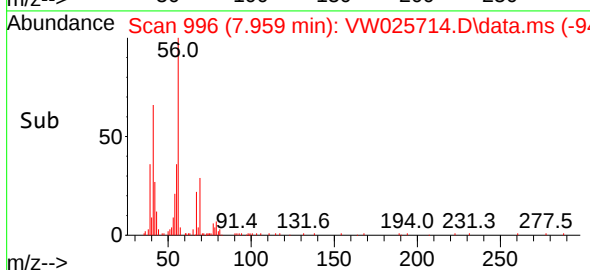
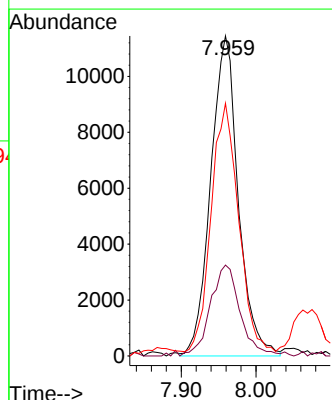
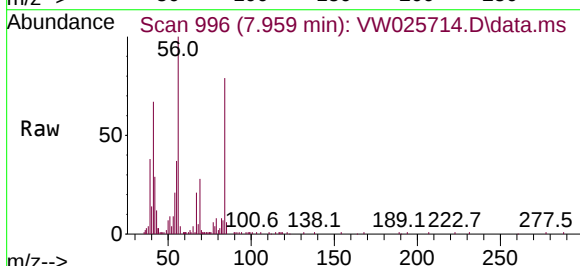
Tgt Ion: 56 Resp: 29429

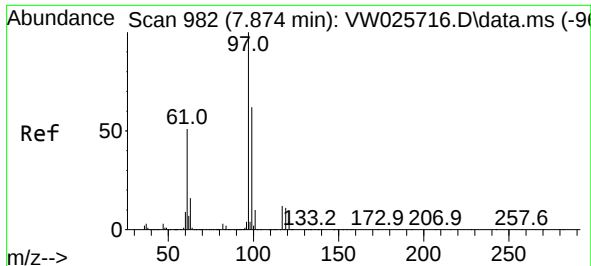
Ion Ratio Lower Upper

56 100

69 30.3 22.6 34.0

84 76.6 62.2 93.2

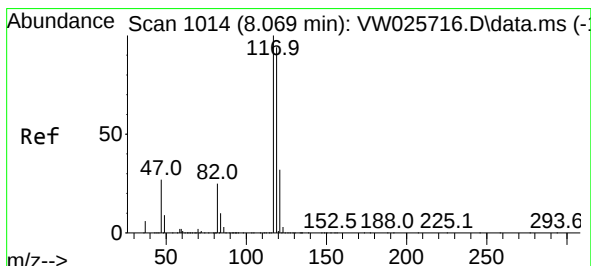
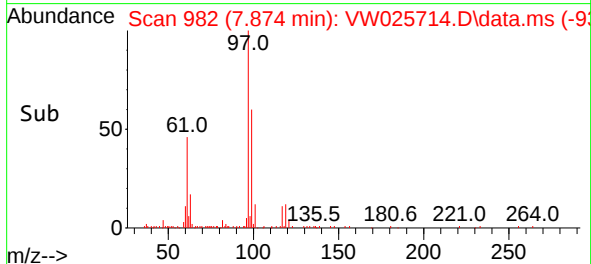
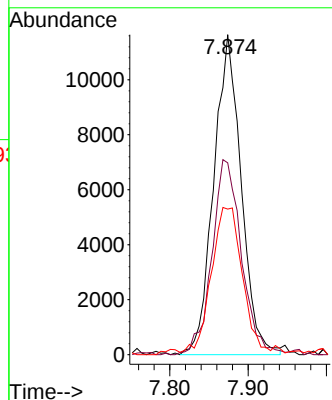
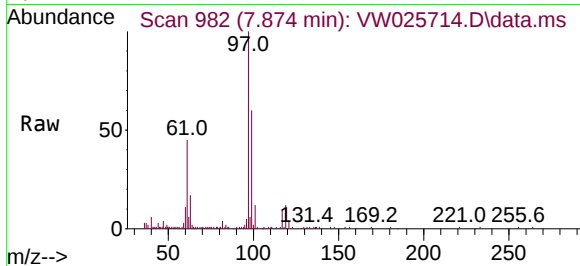




#30
1,1,1-Trichloroethane
Concen: 1.980 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

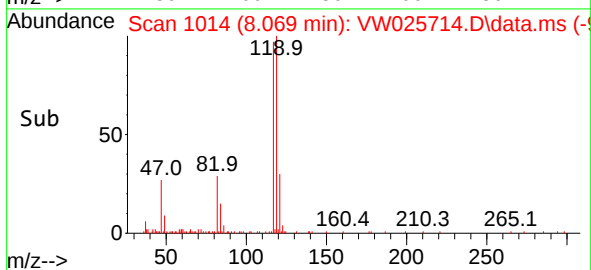
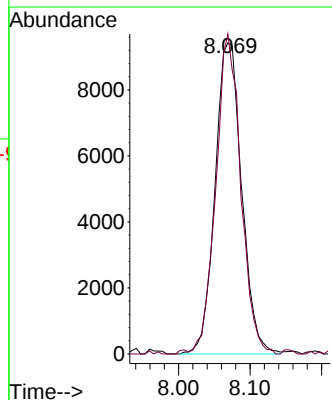
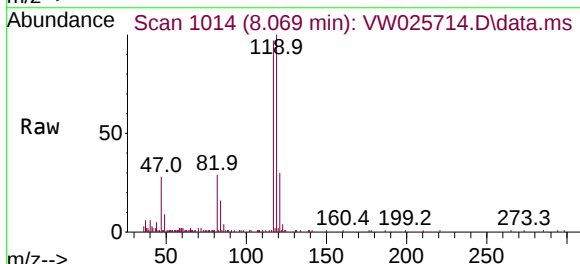
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

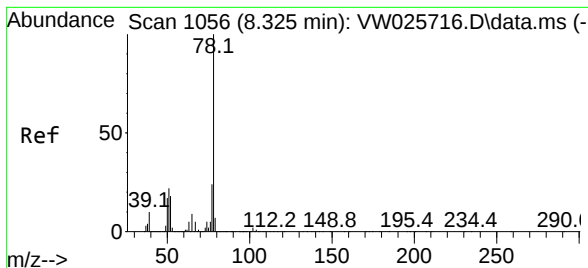
Tgt Ion:	97	Resp:	28378
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.0	76.4
61	50.6	42.2	63.2



#31
Carbon tetrachloride
Concen: 1.871 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion:	117	Resp:	24413
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.2





#33

Benzene

Concen: 1.880 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

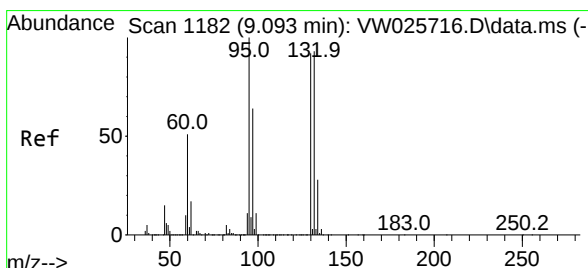
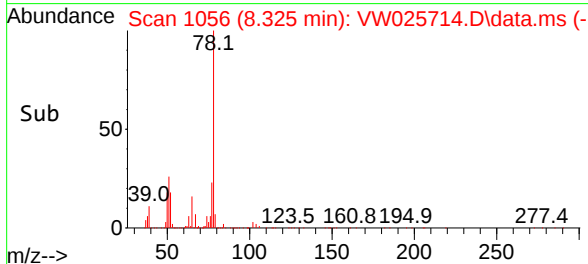
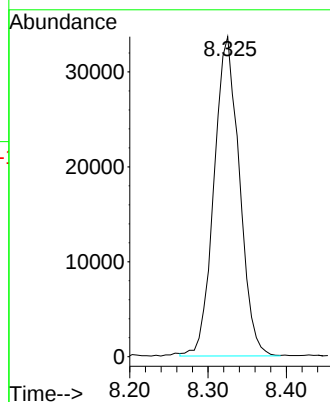
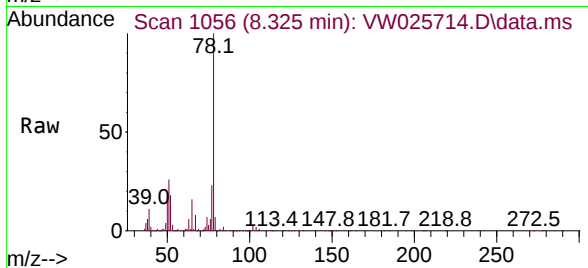
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5443

Tgt Ion: 78 Resp: 75753



#34

Trichloroethene

Concen: 1.929 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

Tgt Ion: 95 Resp: 20085

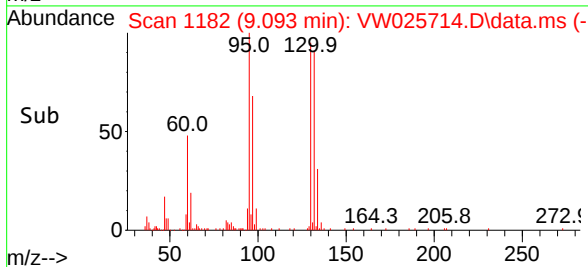
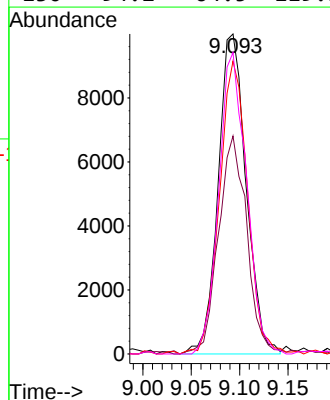
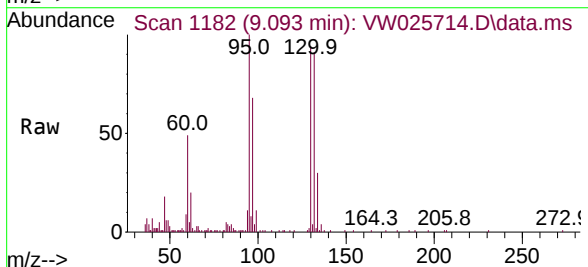
Ion Ratio Lower Upper

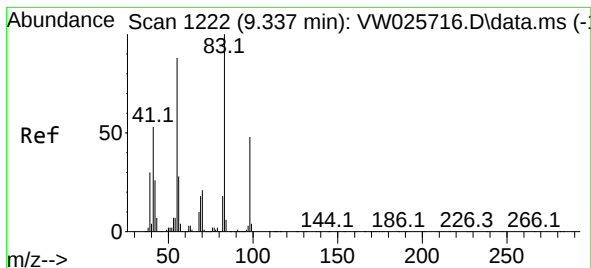
95 100

97 68.1 44.7 83.1

132 91.5 65.0 120.6

130 94.2 64.5 119.9

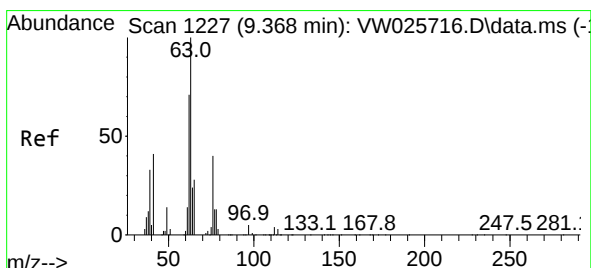
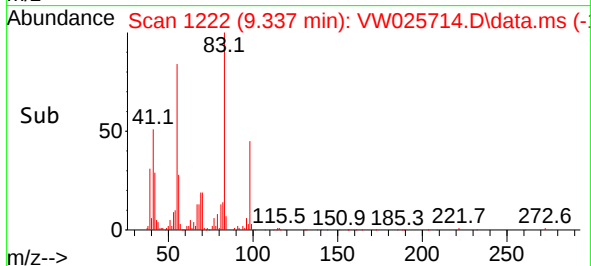
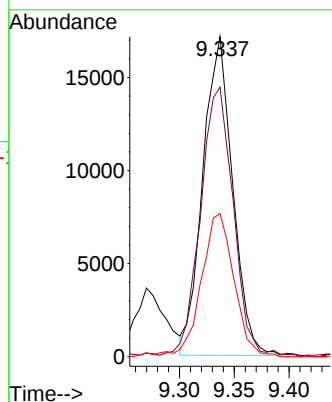
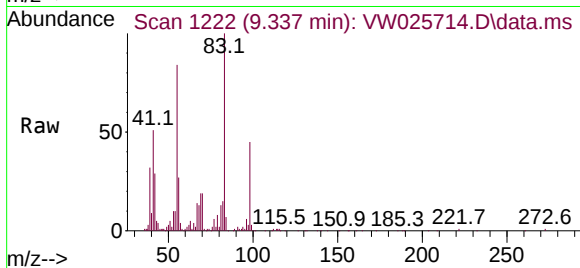




#35
Methylcyclohexane
Concen: 1.750 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

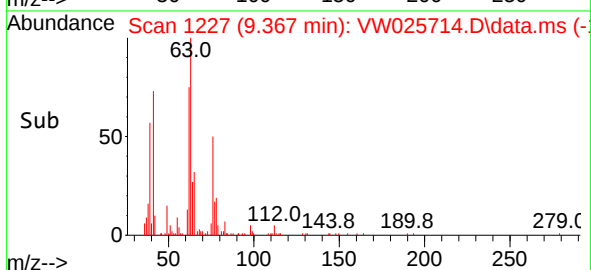
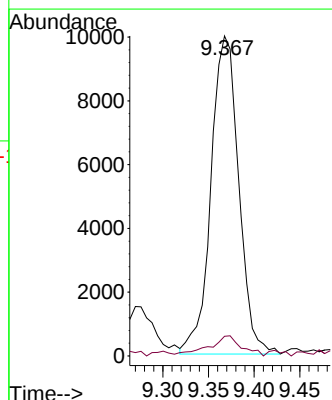
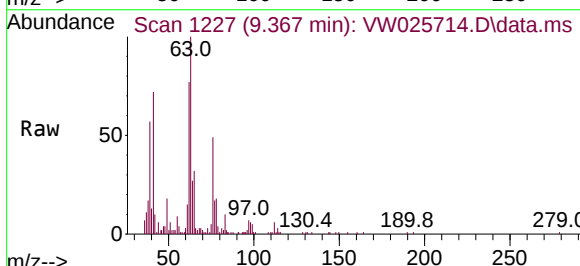
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

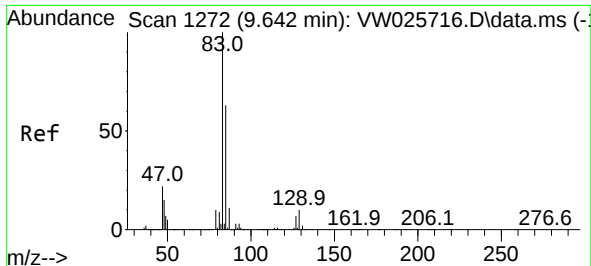
Tgt Ion: 83 Resp: 32371
Ion Ratio Lower Upper
83 100
55 91.4 68.7 103.1
98 48.0 37.4 56.2



#37
1,2-Dichloropropane
Concen: 1.942 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion: 63 Resp: 21102
Ion Ratio Lower Upper
63 100
112 5.1 3.2 4.8#

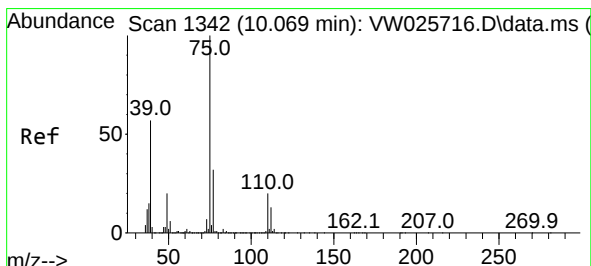
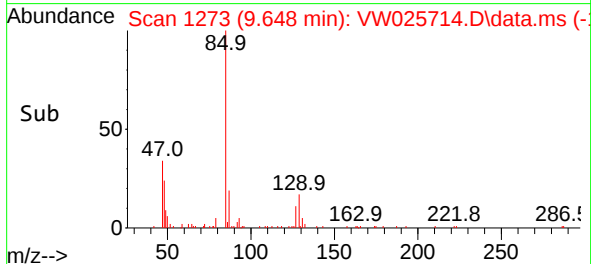
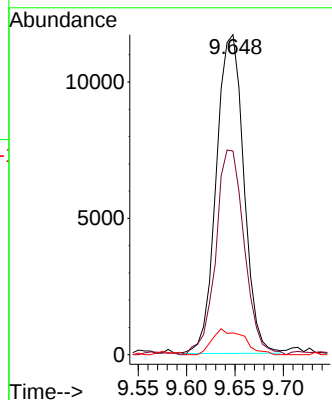
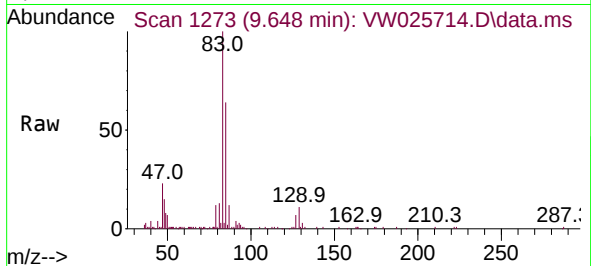




#38
Bromodichloromethane
Concen: 1.885 ug/L
RT: 9.648 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

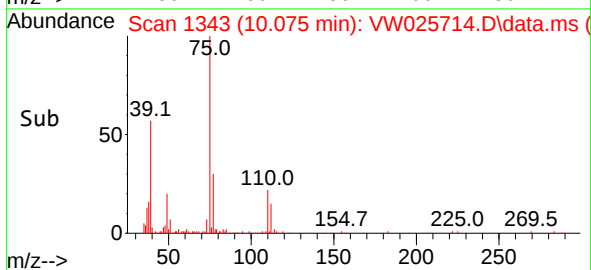
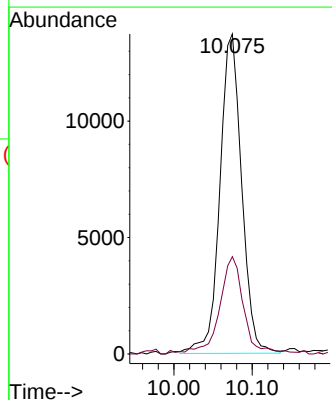
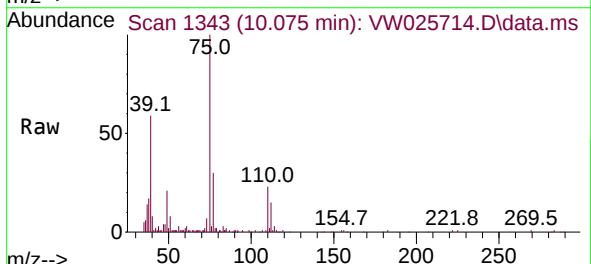
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

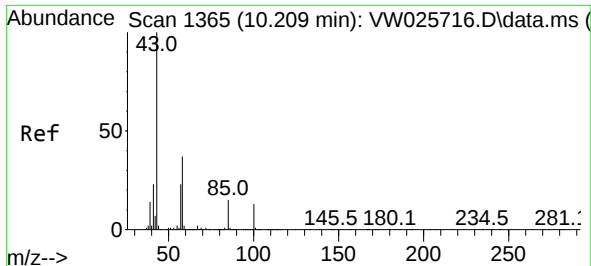
Tgt Ion: 83 Resp: 23148
Ion Ratio Lower Upper
83 100
85 63.7 44.4 82.4
127 6.8 5.5 8.3



#39
cis-1,3-Dichloropropene
Concen: 1.707 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion: 75 Resp: 26562
Ion Ratio Lower Upper
75 100
77 30.4 22.3 41.5





#40

4-Methyl-2-pentanone

Concen: 3.413 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5443

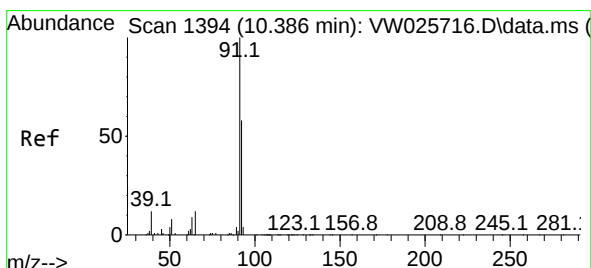
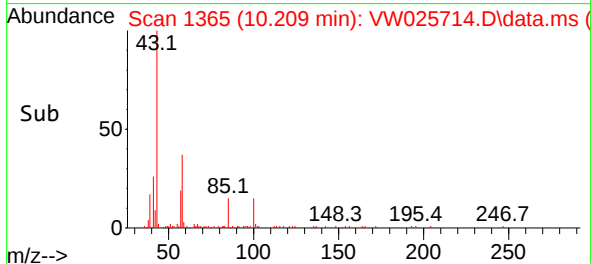
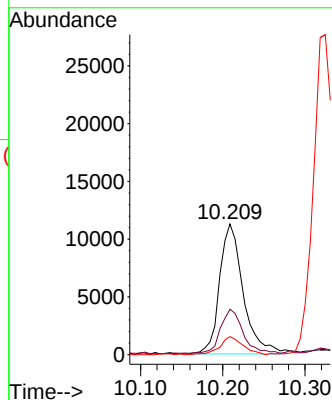
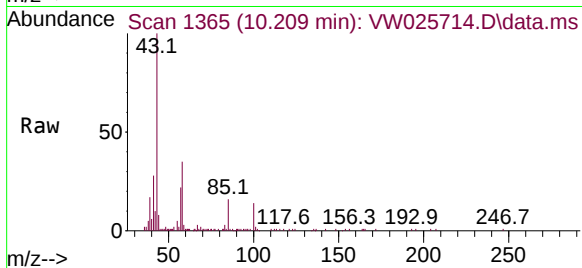
Tgt Ion: 43 Resp: 22367

Ion Ratio Lower Upper

43 100

58 33.2 29.4 44.0

100 13.5 10.2 15.4



#42

Toluene

Concen: 1.792 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW025714.D

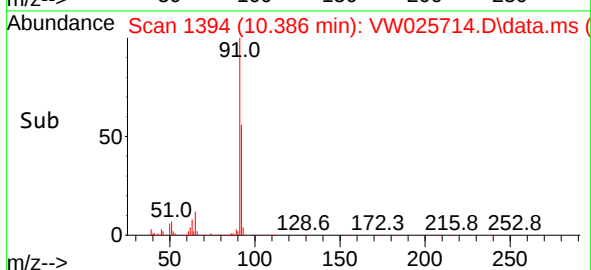
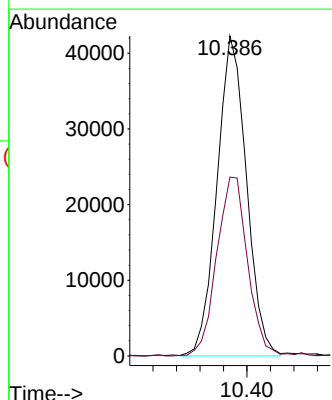
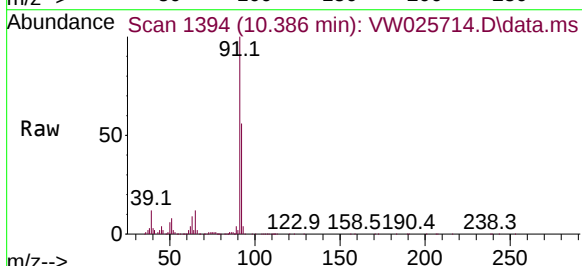
Acq: 27 Apr 2023 07:59

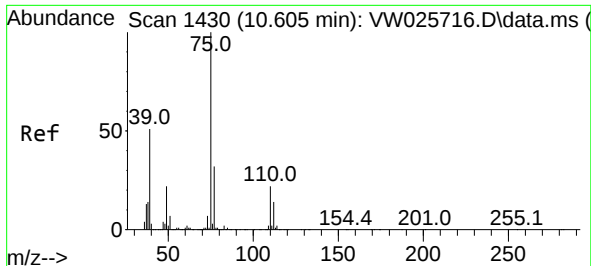
Tgt Ion: 91 Resp: 73689

Ion Ratio Lower Upper

91 100

92 55.9 40.8 75.8

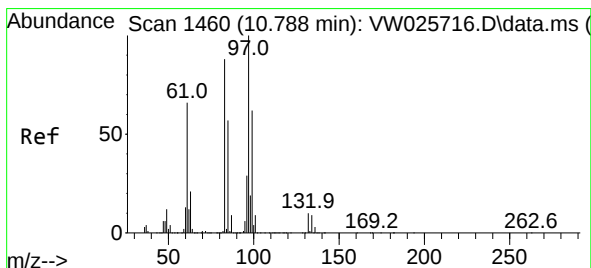
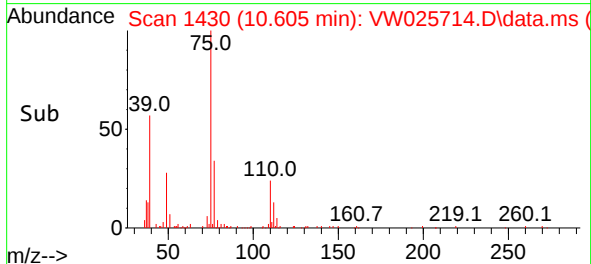
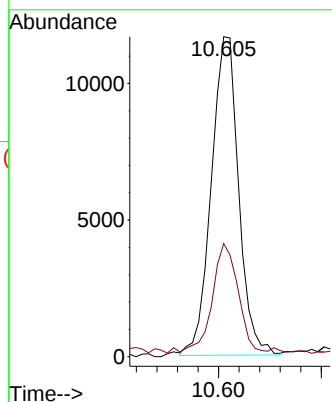
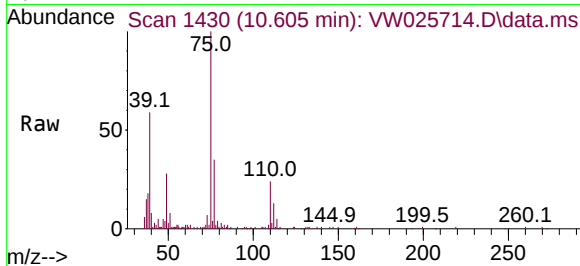




#44
trans-1,3-Dichloropropene
Concen: 1.686 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

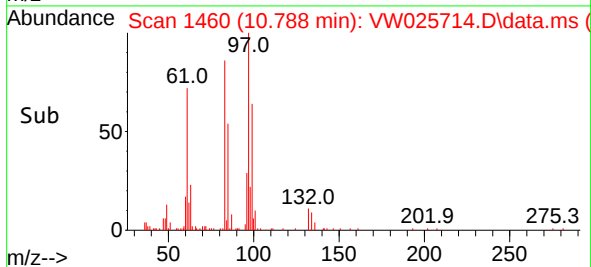
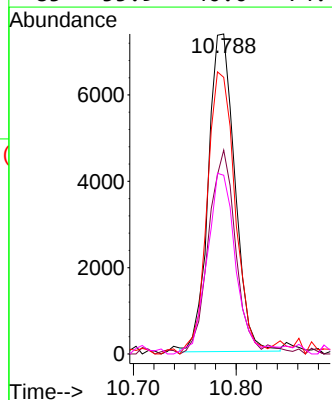
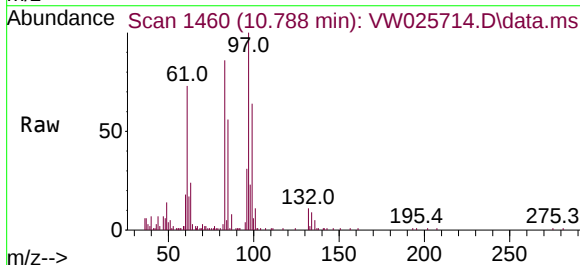
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

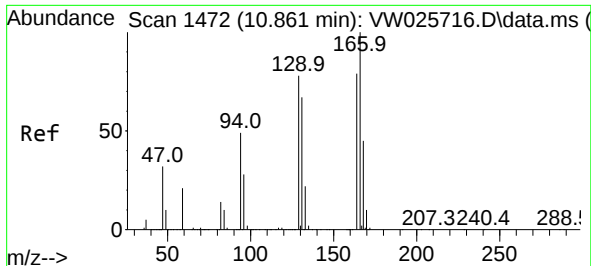
Tgt Ion: 75 Resp: 21550
Ion Ratio Lower Upper
75 100
77 35.4 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 1.878 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion: 97 Resp: 13222
Ion Ratio Lower Upper
97 100
99 63.7 43.6 81.0
83 86.4 61.5 114.1
85 55.9 40.0 74.4

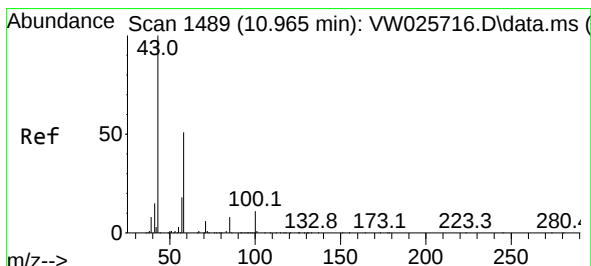
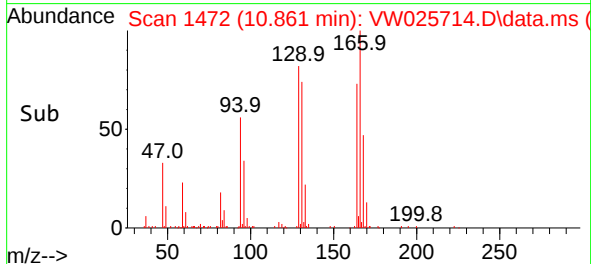
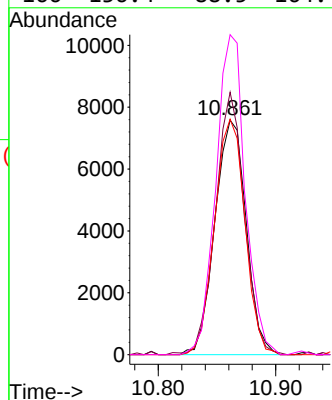
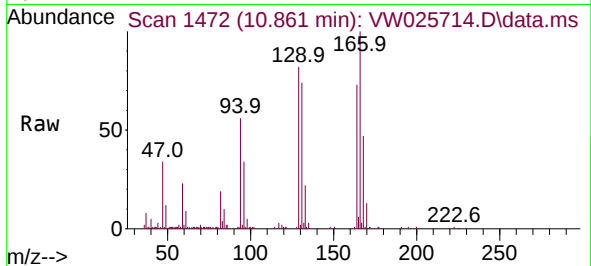




#46
Tetrachloroethene
Concen: 1.901 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

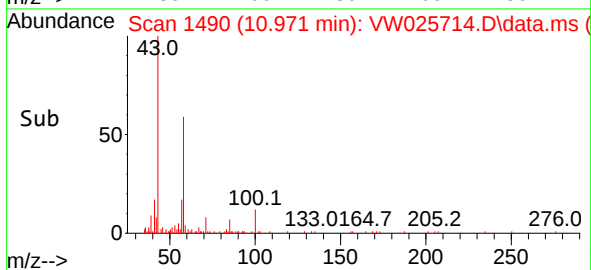
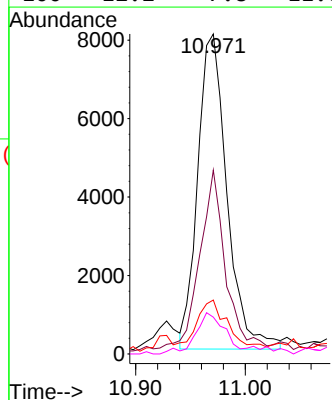
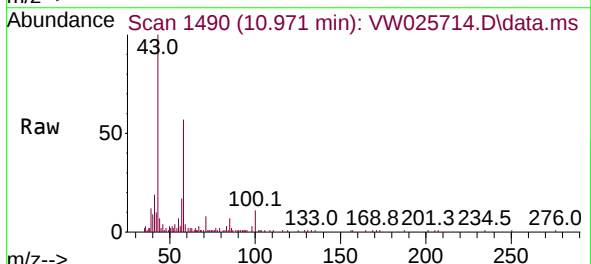
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

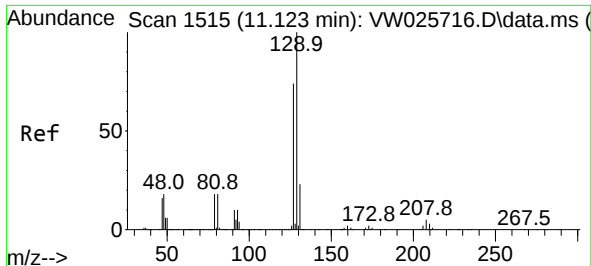
Tgt Ion:	164	Resp:	14013
Ion	Ratio	Lower	Upper
164	100		
129	111.8	69.2	128.6
131	100.4	59.4	110.2
166	136.4	88.5	164.4



#48
2-Hexanone
Concen: 3.228 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion:	43	Resp:	14895
Ion	Ratio	Lower	Upper
43	100		
58	49.2	40.3	60.5
57	13.4	13.8	20.8#
100	12.2	7.8	11.6#





#49

Dibromochloromethane

Concen: 1.789 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

Instrument :

MSVOA_W

ClientSampleId :

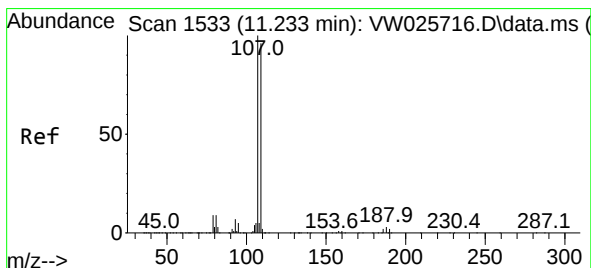
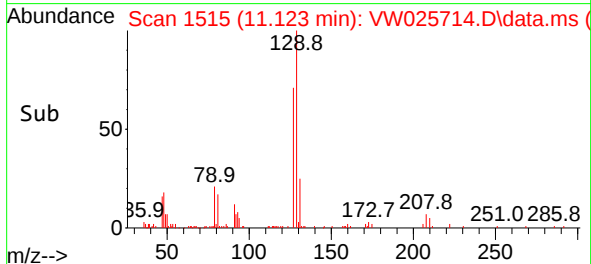
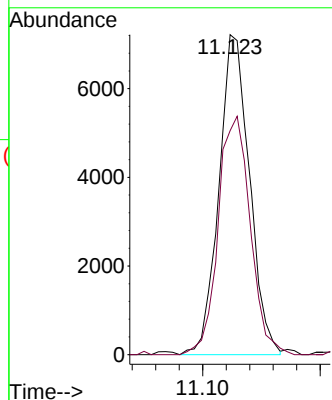
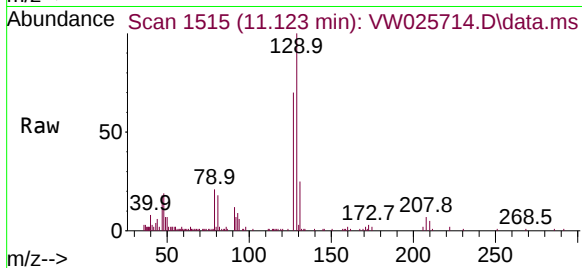
VSTD2.5443

Tgt Ion:129 Resp: 13041

Ion Ratio Lower Upper

129 100

127 70.0 51.9 96.5



#50

1,2-Dibromoethane

Concen: 1.876 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

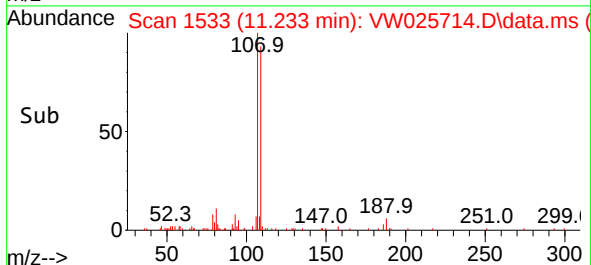
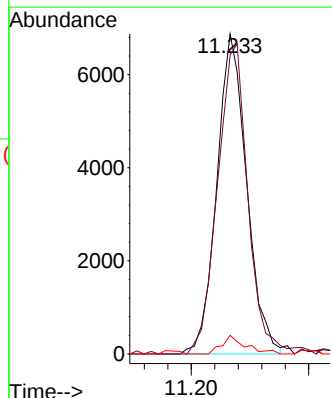
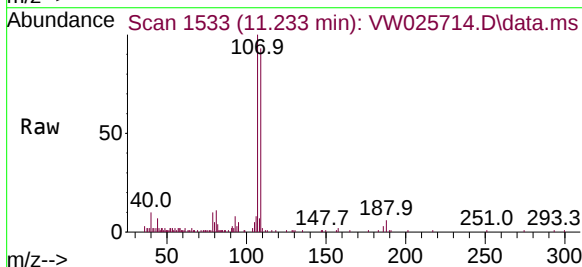
Tgt Ion:107 Resp: 12113

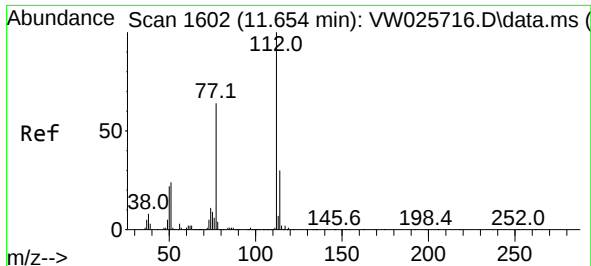
Ion Ratio Lower Upper

107 100

109 93.3 66.9 124.3

188 5.8 2.1 3.1#

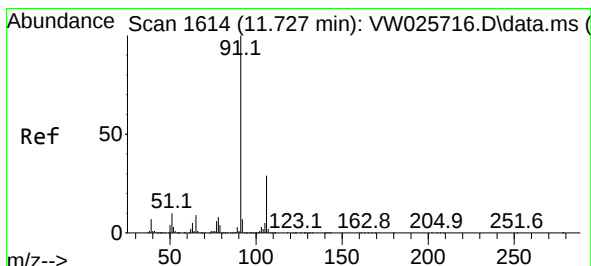
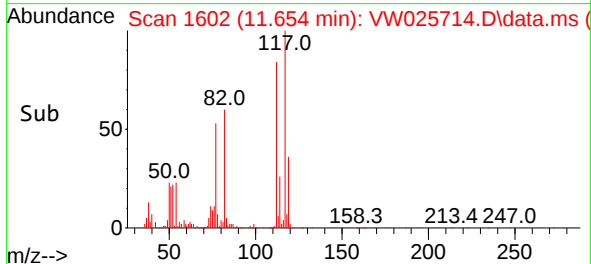
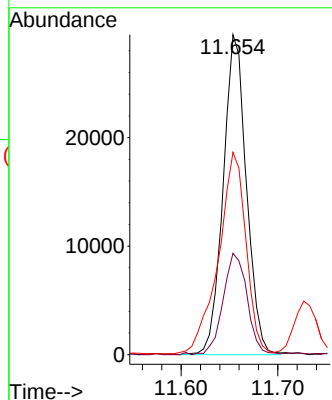
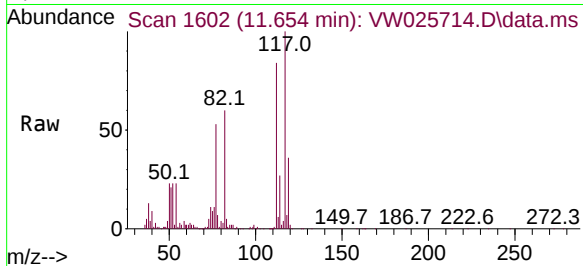




#51
Chlorobenzene
Concen: 1.943 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

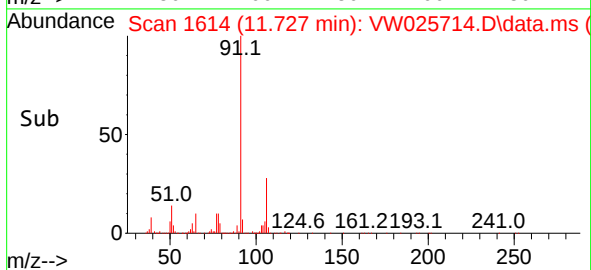
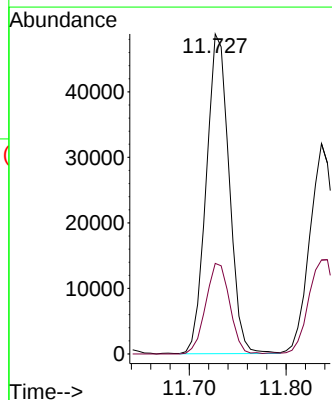
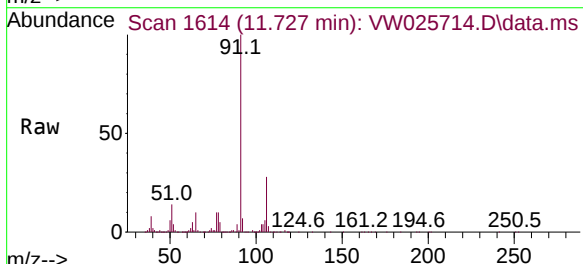
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

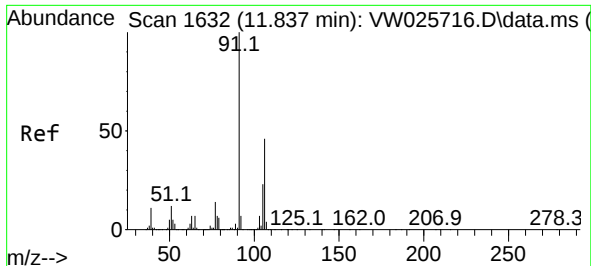
Tgt Ion:112 Resp: 49169
Ion Ratio Lower Upper
112 100
114 31.7 21.2 39.4
77 63.2 51.5 77.3



#52
Ethylbenzene
Concen: 1.742 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion: 91 Resp: 80333
Ion Ratio Lower Upper
91 100
106 28.3 20.4 37.8

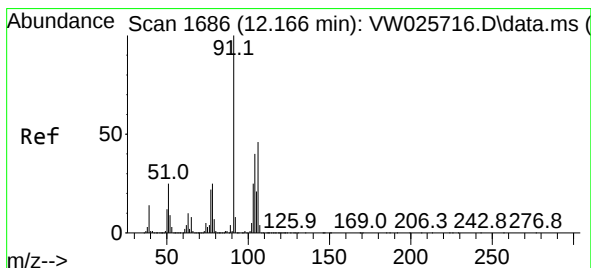
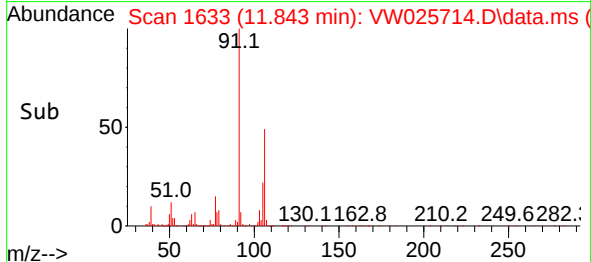
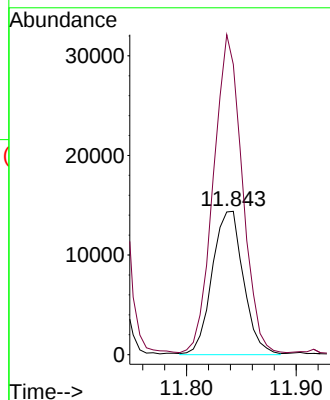
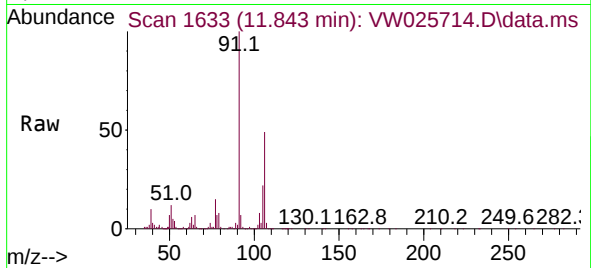




#53
m,p-Xylene
Concen: 1.678 ug/L
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

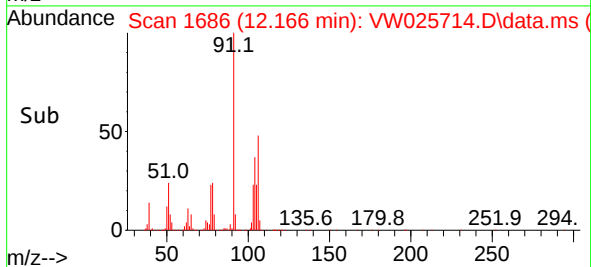
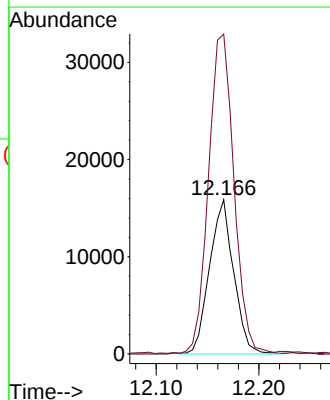
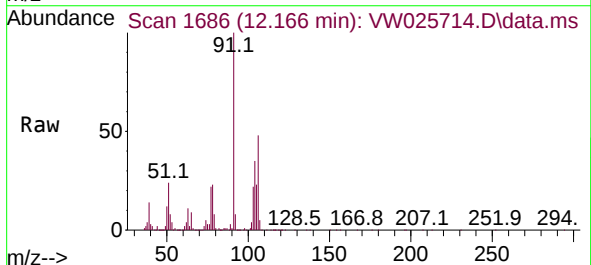
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

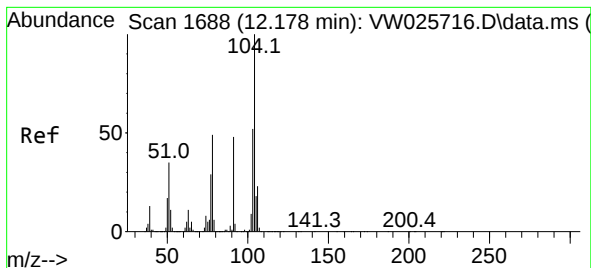
Tgt Ion:106 Resp: 28558
Ion Ratio Lower Upper
106 100
91 202.4 151.1 280.5



#54
o-Xylene
Concen: 1.633 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion:106 Resp: 25925
Ion Ratio Lower Upper
106 100
91 207.4 150.8 280.1





#55

Styrene

Concen: 1.605 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

Instrument :

MSVOA_W

ClientSampleId :

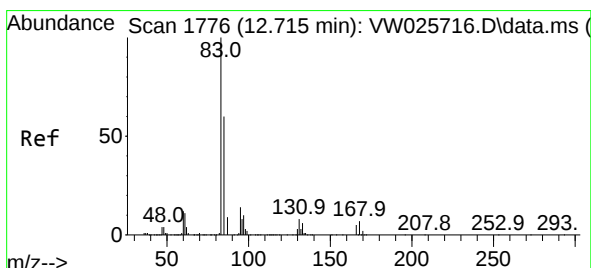
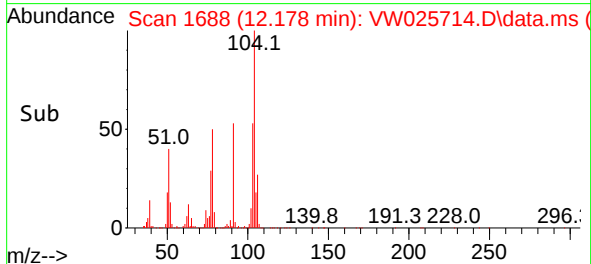
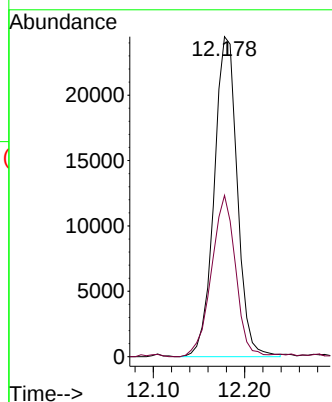
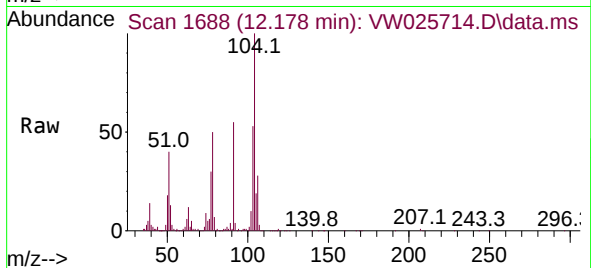
VSTD2.5443

Tgt Ion:104 Resp: 43171

Ion Ratio Lower Upper

104 100

78 50.4 34.2 63.6



#57

1,1,2,2-Tetrachloroethane

Concen: 1.900 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

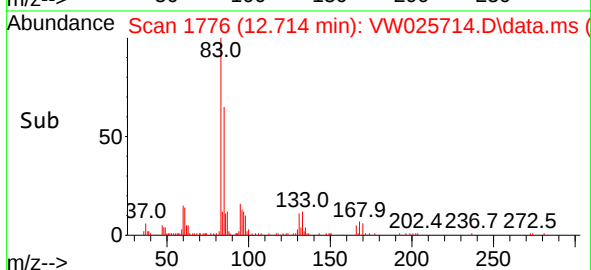
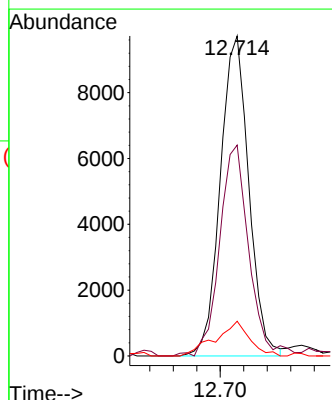
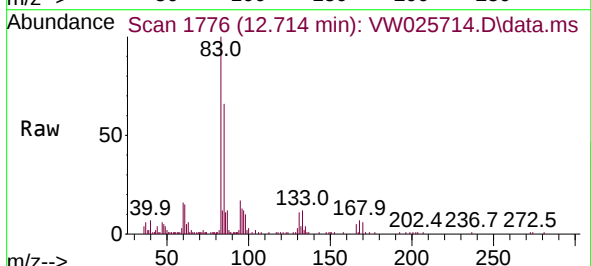
Tgt Ion: 83 Resp: 16377

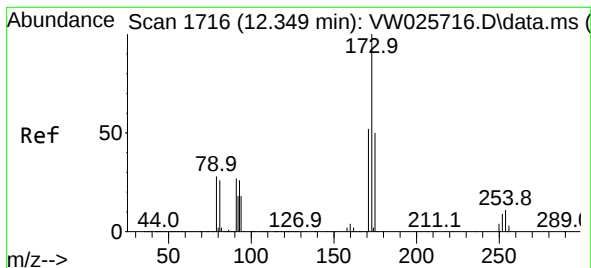
Ion Ratio Lower Upper

83 100

85 65.9 42.2 78.4

131 10.9 6.6 9.8#





#59

Bromoform

Concen: 1.902 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5443

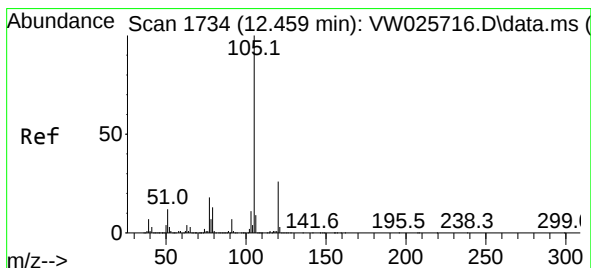
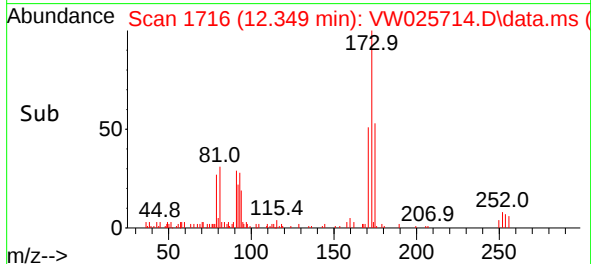
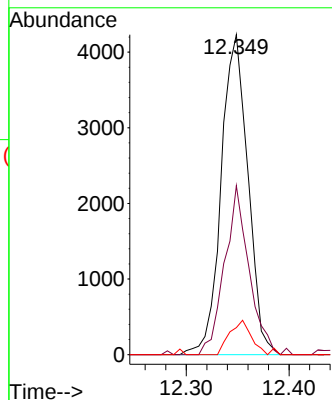
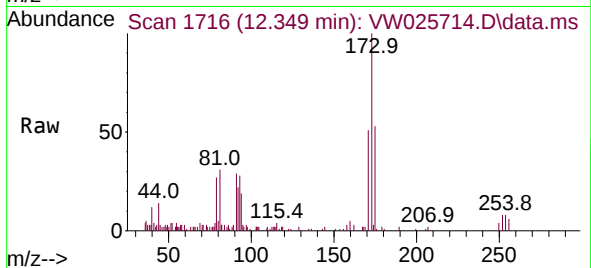
Tgt Ion:173 Resp: 7644

Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.2

254 8.7 7.8 11.6



#60

Isopropylbenzene

Concen: 1.628 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

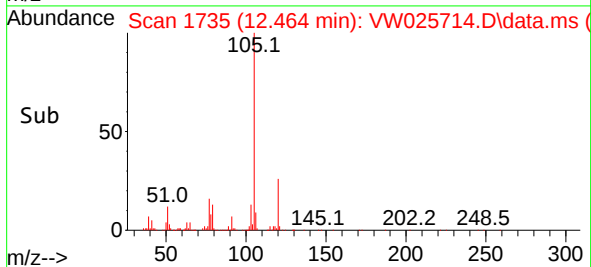
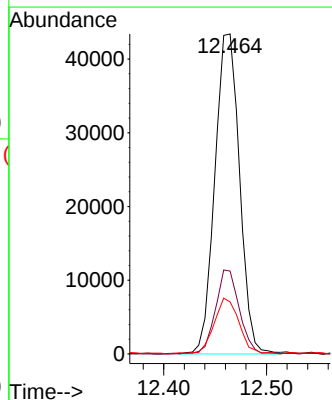
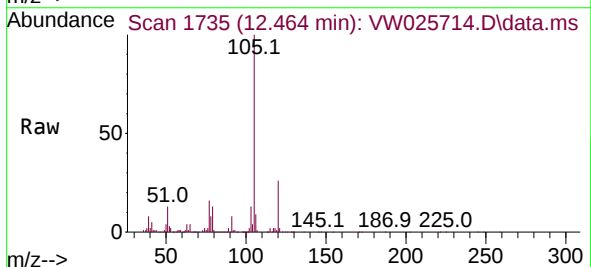
Tgt Ion:105 Resp: 72527

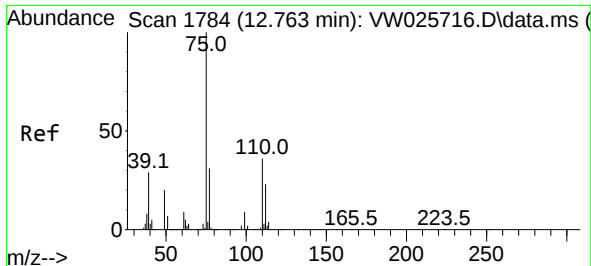
Ion Ratio Lower Upper

105 100

120 24.7 20.9 31.3

77 16.6 13.8 20.6

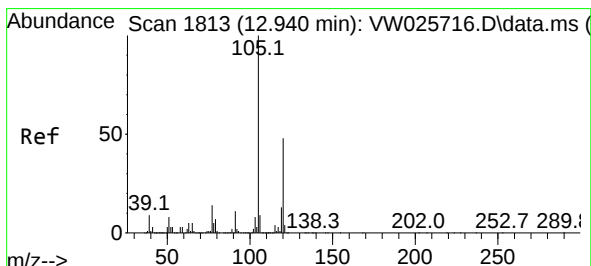
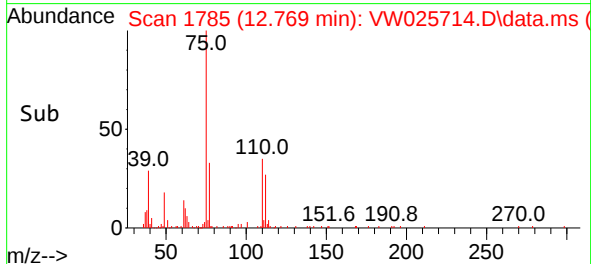
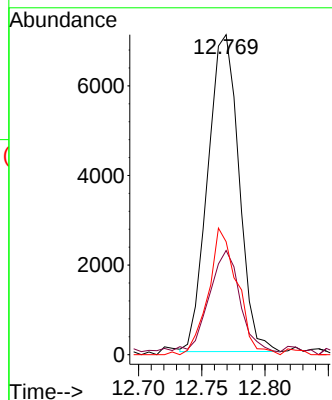
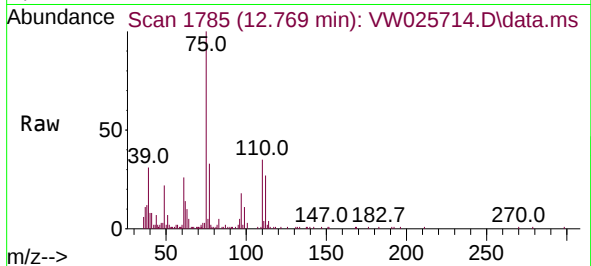




#61
1,2,3-Trichloropropane
Concen: 1.922 ug/L
RT: 12.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

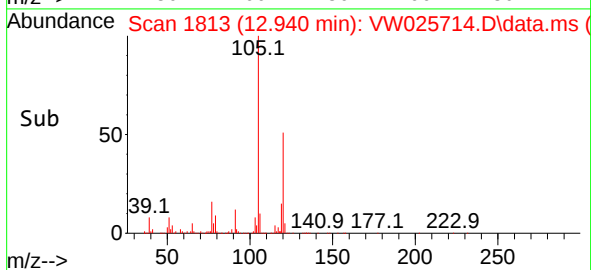
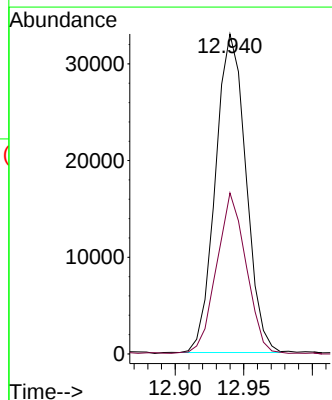
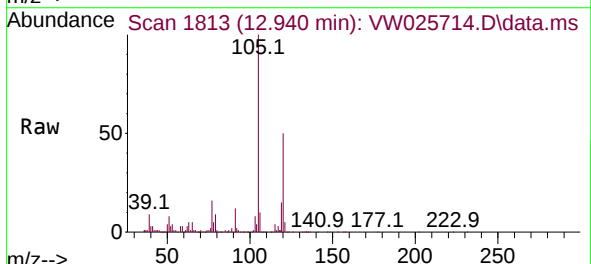
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

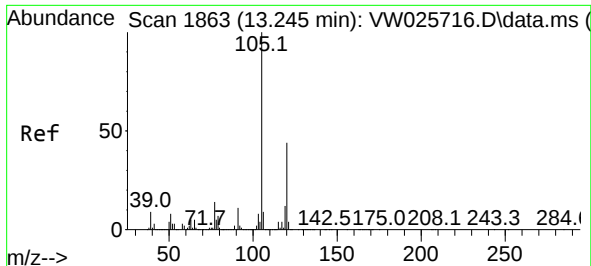
Tgt Ion: 75 Resp: 12125
Ion Ratio Lower Upper
75 100
77 34.1 25.3 37.9
110 37.0 28.7 43.1



#62
1,3,5-Trimethylbenzene
Concen: 1.455 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion: 105 Resp: 50960
Ion Ratio Lower Upper
105 100
120 49.1 39.0 58.6

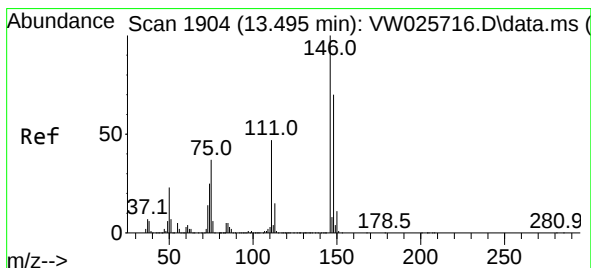
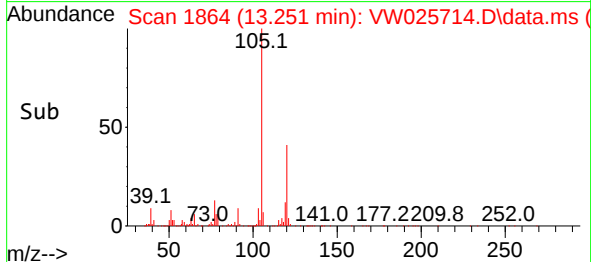
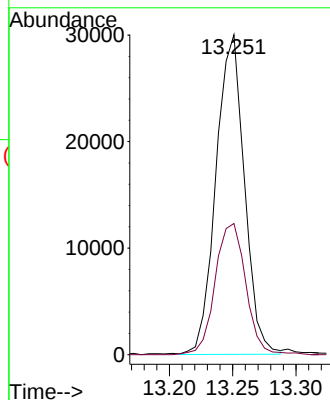
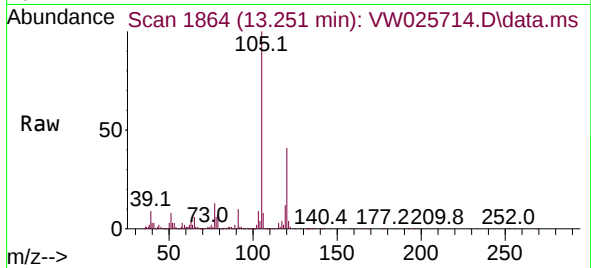




#63
1,2,4-Trimethylbenzene
Concen: 1.479 ug/L
RT: 13.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

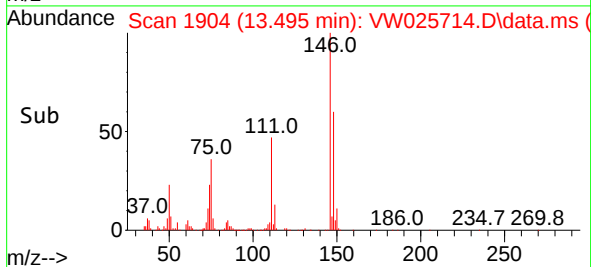
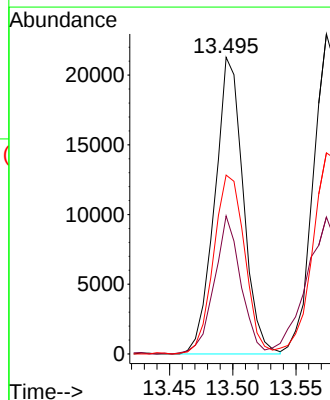
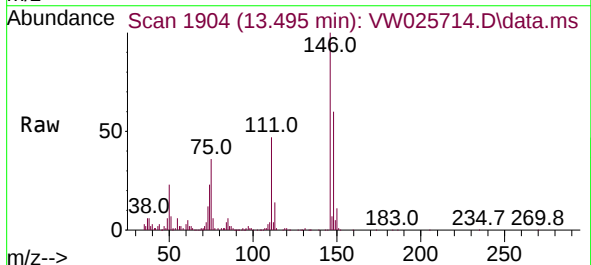
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

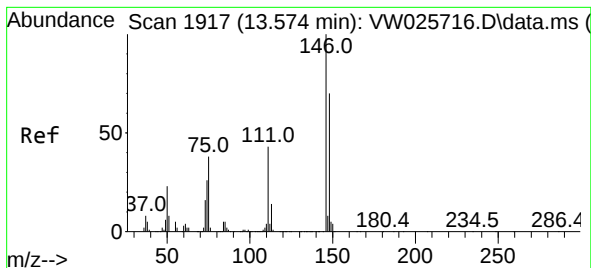
Tgt Ion:105 Resp: 46789
Ion Ratio Lower Upper
105 100
120 44.3 35.7 53.5



#64
1,3-Dichlorobenzene
Concen: 1.772 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion:146 Resp: 33327
Ion Ratio Lower Upper
146 100
111 46.5 33.0 61.4
148 60.3 48.6 90.3





#65

1,4-Dichlorobenzene

Concen: 1.973 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5443

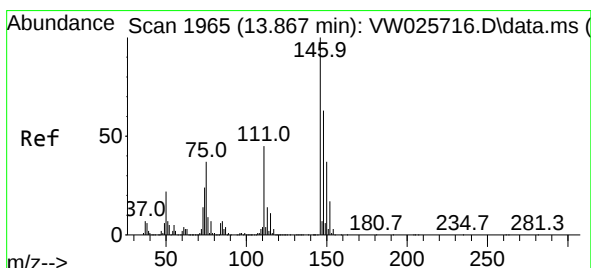
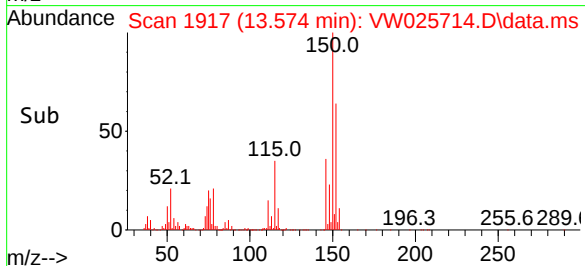
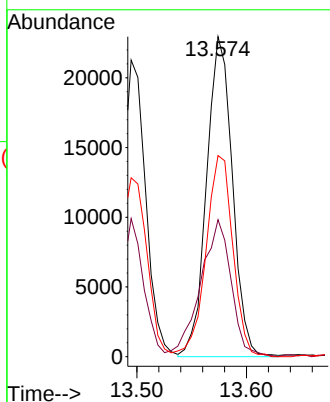
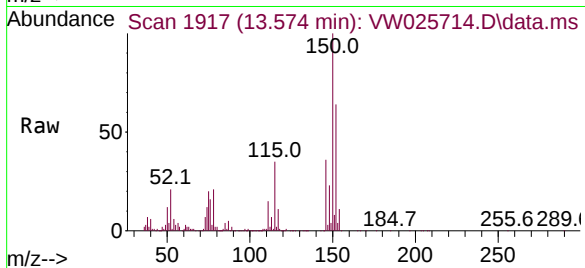
Tgt Ion:146 Resp: 37614

Ion Ratio Lower Upper

146 100

111 42.8 30.4 56.4

148 62.9 49.3 91.5



#67

1,2-Dichlorobenzene

Concen: 1.905 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025714.D

Acq: 27 Apr 2023 07:59

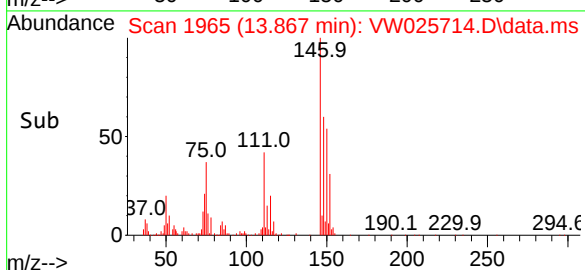
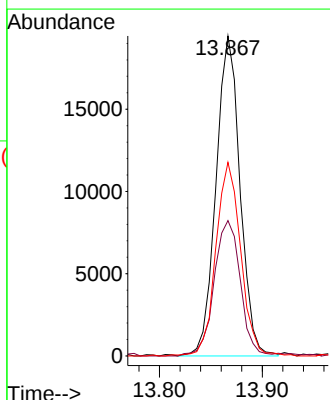
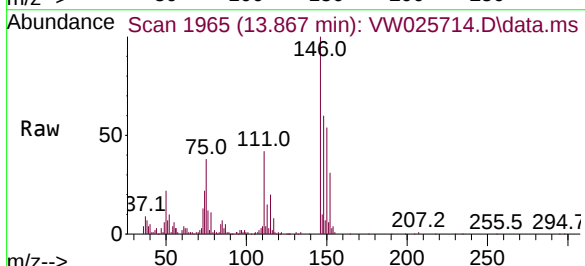
Tgt Ion:146 Resp: 31599

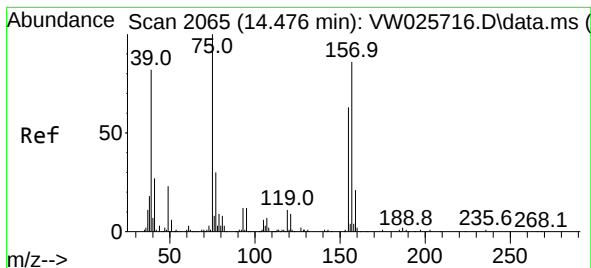
Ion Ratio Lower Upper

146 100

111 42.3 36.2 54.2

148 60.5 50.2 75.4

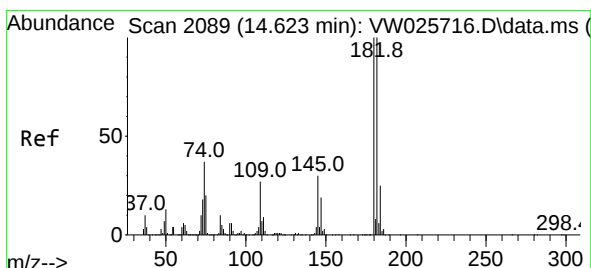
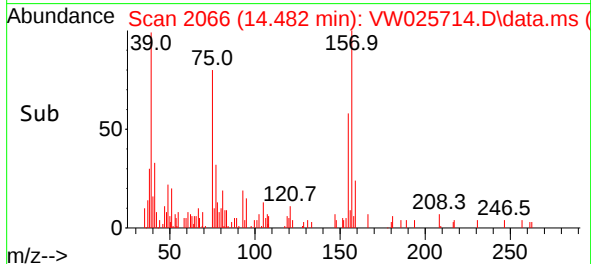
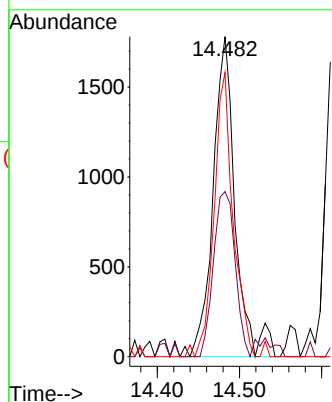
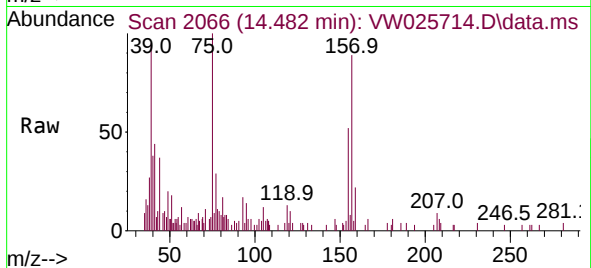




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.320 ug/L
 RT: 14.482 min Scan# 2066
 Delta R.T. 0.006 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

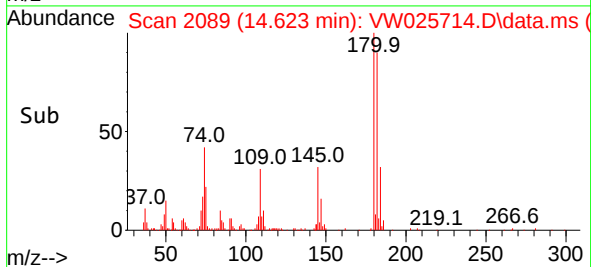
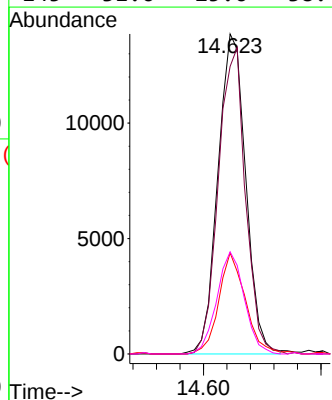
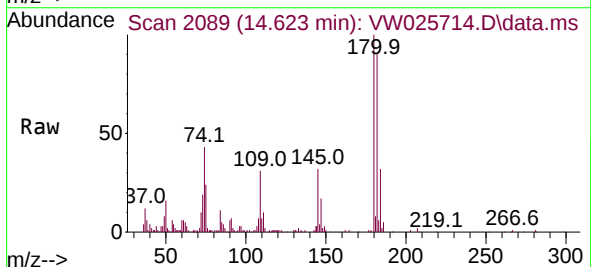
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5443

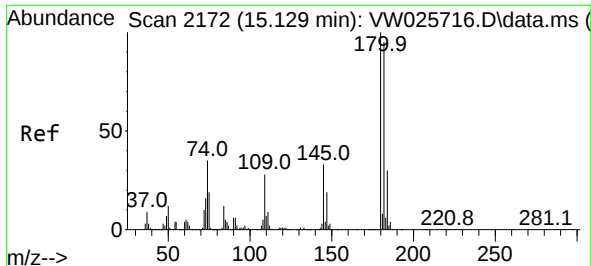
Tgt Ion: 75 Resp: 3336
 Ion Ratio Lower Upper
 75 100
 155 51.6 50.3 75.5
 157 88.8 68.4 102.6



#69
 1,3,5-Trichlorobenzene
 Concen: 1.863 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

Tgt Ion: 180 Resp: 22785
 Ion Ratio Lower Upper
 180 100
 182 92.9 79.0 118.4
 184 30.2 23.8 35.8
 145 31.6 25.6 38.4

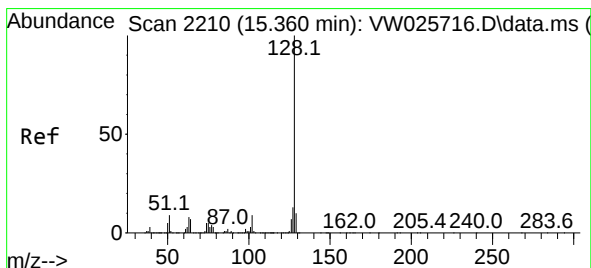
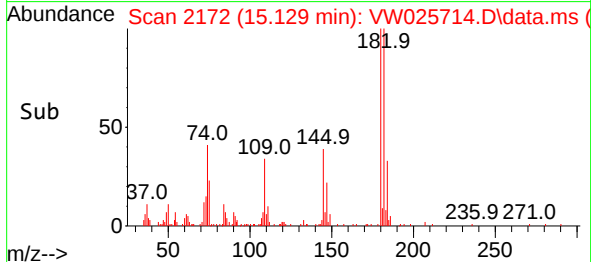
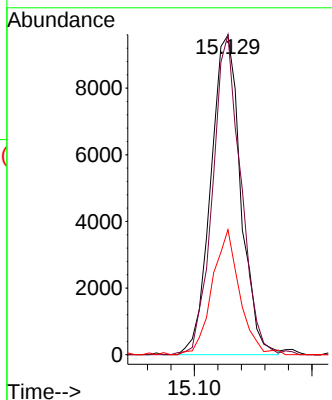
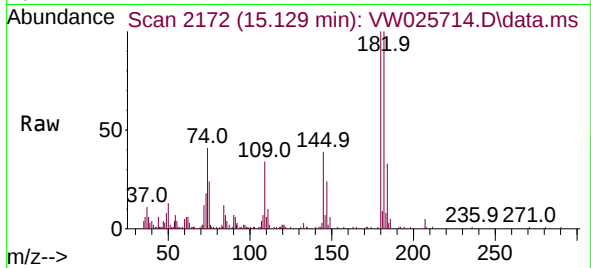




#70
1,2,4-trichlorobenzene
Concen: 1.629 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

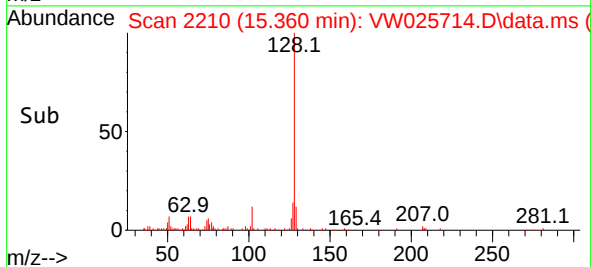
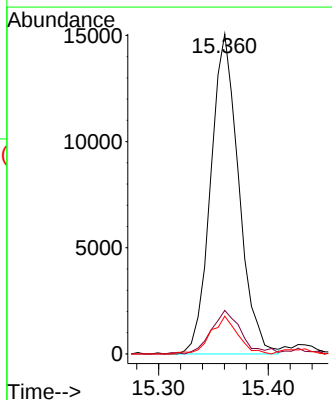
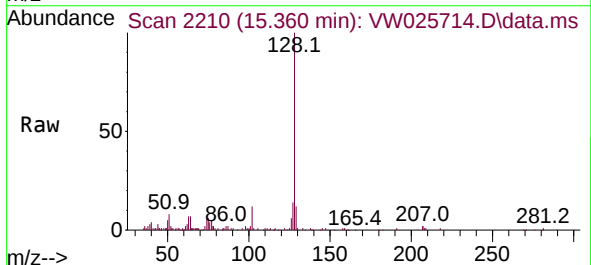
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5443

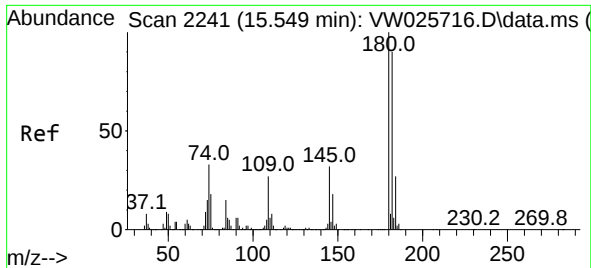
Tgt Ion:180 Resp: 17017
Ion Ratio Lower Upper
180 100
182 92.9 76.7 115.1
145 35.2 26.4 39.6



#71
Naphthalene
Concen: 1.438 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW025714.D
Acq: 27 Apr 2023 07:59

Tgt Ion:128 Resp: 26832
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.0 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.755 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025714.D
 Acq: 27 Apr 2023 07:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5443

Tgt Ion:	180	Resp:	16183
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.6	113.4
145	33.9	27.4	41.0

