

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025715.D
 Acq On : 27 Apr 2023 08:23
 Operator : SY/MD
 Sample : VSTD00544
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005444

Quant Time: Apr 28 02:21:23 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	672598	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	295138	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	41036	5.002	ug/L	0.00
7) Chloroethane-d5	2.899	69	29102	4.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	88123	4.705	ug/L	0.00
21) 2-Butanone-d5	7.081	46	23852	8.861	ug/L	0.00
24) Chloroform-d	7.648	84	92126	5.106	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	51941	5.280	ug/L	0.00
32) Benzene-d6	8.276	84	186198	5.070	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	59955	5.047	ug/L	0.00
41) Toluene-d8	10.325	98	159805	4.922	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	22045	4.762	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	14536	7.878	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	42984	4.909	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	50706	5.015	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	25853	3.124	ug/L	99
3) Chloromethane	2.216	50	41965	3.730	ug/L	98
5) Vinyl chloride	2.369	62	47519	4.017	ug/L	98
6) Bromomethane	2.789	94	25350	4.051	ug/L	97
8) Chloroethane	2.930	64	23070	3.829	ug/L	100
9) Trichlorofluoromethane	3.265	101	32743	3.683	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	34379	3.716	ug/L	95
12) 1,1-Dichloroethene	4.045	96	35365	3.903	ug/L	89
13) Acetone	4.118	43	9770	3.893	ug/L	95
14) Carbon disulfide	4.393	76	123556	3.882	ug/L	97
16) Methylene chloride	4.923	84	63972	5.065	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	37631	3.929	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	50529	3.666	ug/L #	90
19) 1,1-Dichloroethane	6.222	63	75514	3.869	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	37225	3.706	ug/L #	91
22) 2-Butanone	7.179	43	20273	6.371	ug/L	98
23) Bromochloromethane	7.514	128	16521	3.960	ug/L	88
25) Chloroform	7.679	83	70143	3.913	ug/L	97
27) 1,2-Dichloroethane	8.398	62	48276	3.931	ug/L	99
29) Cyclohexane	7.959	56	63111	3.353	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	56293	3.833	ug/L	99
31) Carbon tetrachloride	8.069	117	50902	3.809	ug/L	96
33) Benzene	8.325	78	156849	3.799	ug/L	100
34) Trichloroethene	9.093	95	40503	3.798	ug/L	97
35) Methylcyclohexane	9.337	83	66420	3.504	ug/L	95
37) 1,2-Dichloropropane	9.374	63	43451	3.904	ug/L #	97
38) Bromodichloromethane	9.642	83	47324	3.761	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	53724	3.371	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	41924	6.246	ug/L	99
42) Toluene	10.386	91	154267	3.663	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	45280	3.458	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	27236	3.777	ug/L	96

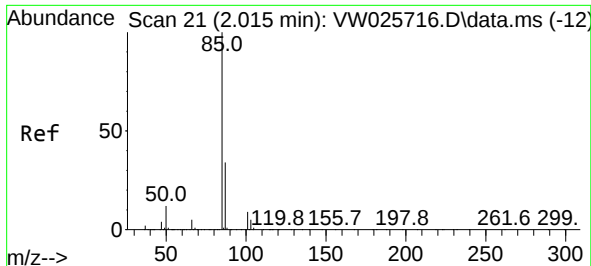
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
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Quant Time: Apr 28 02:21:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.861	164	28434	3.765	ug/L	96
48) 2-Hexanone	10.965	43	28385	6.005	ug/L #	98
49) Dibromochloromethane	11.123	129	26685	3.573	ug/L	95
50) 1,2-Dibromoethane	11.233	107	23608	3.569	ug/L #	99
51) Chlorobenzene	11.654	112	100639	3.883	ug/L	97
52) Ethylbenzene	11.727	91	170952	3.619	ug/L	95
53) m,p-Xylene	11.837	106	62223	3.569	ug/L	100
54) o-Xylene	12.160	106	55867	3.436	ug/L	99
55) Styrene	12.178	104	98027	3.557	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	31589	3.577	ug/L	95
59) Bromoform	12.349	173	14306	3.498	ug/L	100
60) Isopropylbenzene	12.458	105	157304	3.470	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	23762	3.702	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	114771	3.220	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	105739	3.284	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	69143	3.614	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	74802	3.857	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	63663	3.772	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	5274	3.605	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	45048	3.620	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	35864	3.375	ug/L	97
71) Naphthalene	15.360	128	53015	2.793	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	30973	3.302	ug/L	92

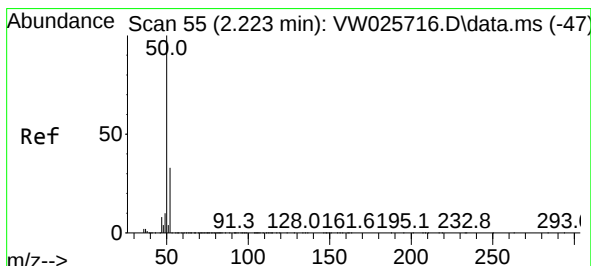
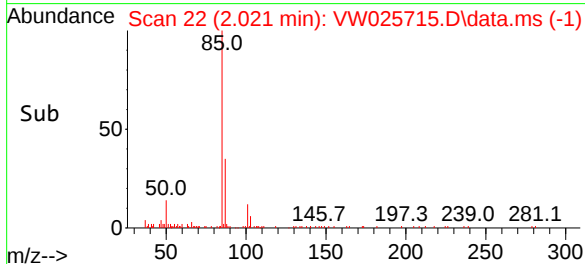
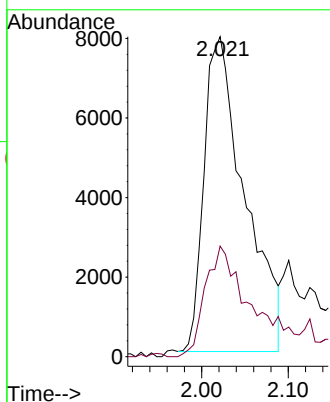
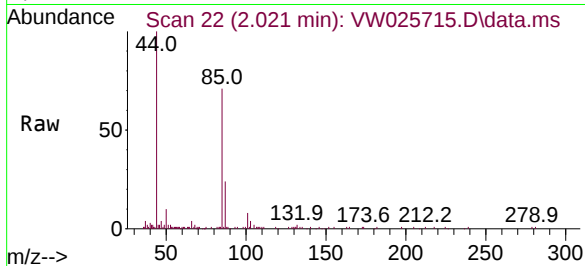
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 3.124 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025715.D
 Acq: 27 Apr 2023 08:23

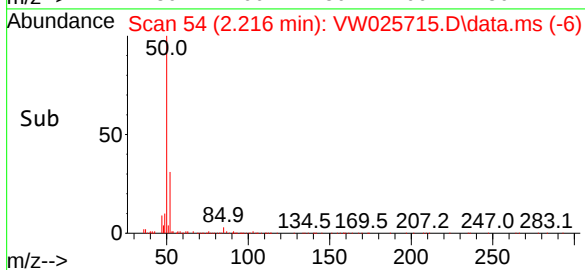
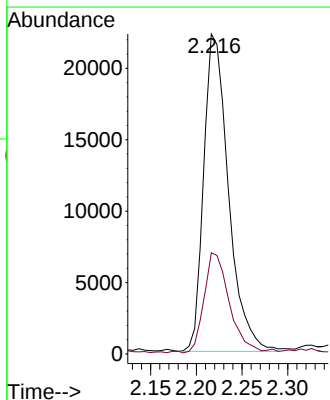
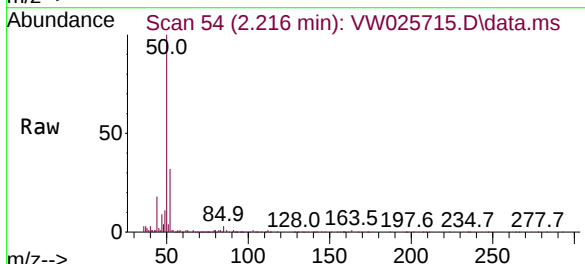
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005444

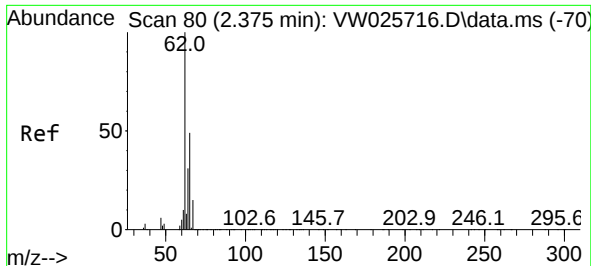
Tgt Ion: 85 Resp: 25853
 Ion Ratio Lower Upper
 85 100
 87 26.1 21.3 31.9



#3
 Chloromethane
 Concen: 3.730 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW025715.D
 Acq: 27 Apr 2023 08:23

Tgt Ion: 50 Resp: 41965
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.9 42.5

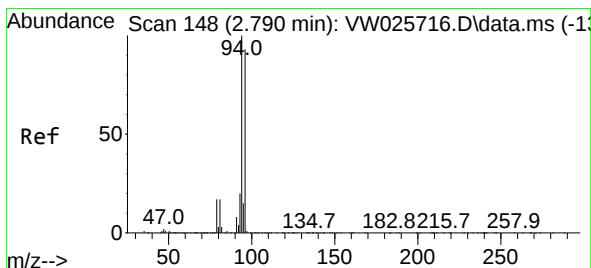
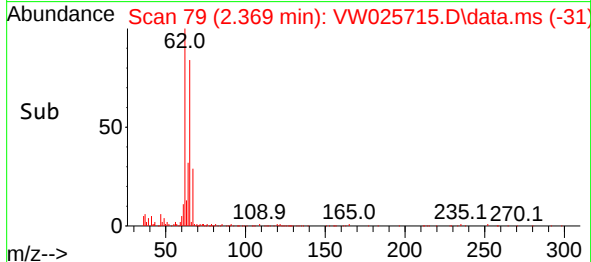
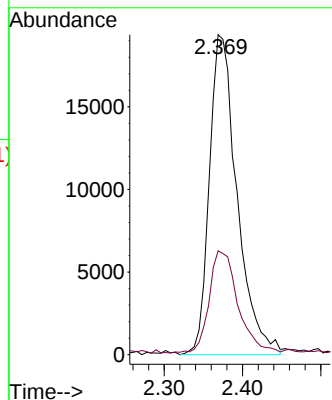
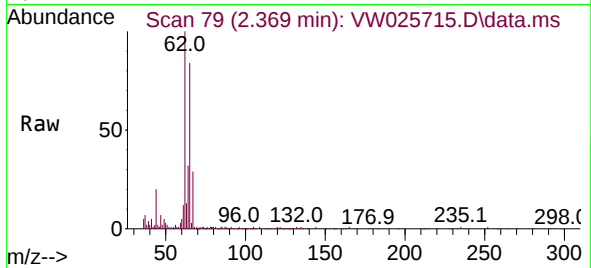




#5
 Vinyl chloride
 Concen: 4.017 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW025715.D
 Acq: 27 Apr 2023 08:23

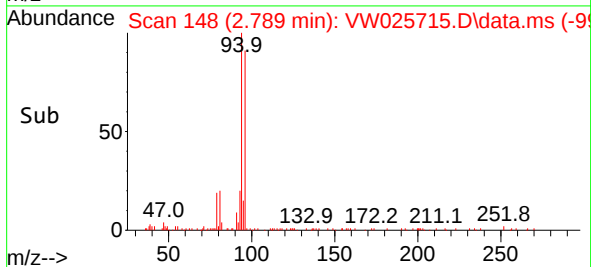
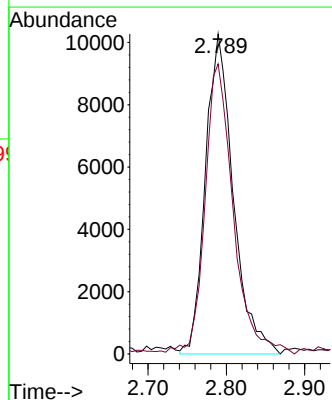
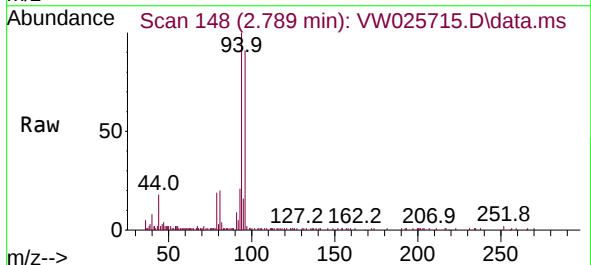
Instrument :
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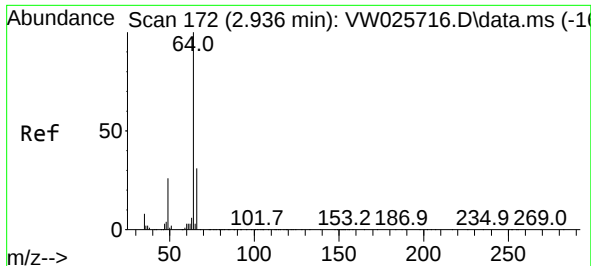
Tgt Ion: 62 Resp: 47519
 Ion Ratio Lower Upper
 62 100
 64 32.4 21.8 40.6



#6
 Bromomethane
 Concen: 4.051 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025715.D
 Acq: 27 Apr 2023 08:23

Tgt Ion: 94 Resp: 25350
 Ion Ratio Lower Upper
 94 100
 96 90.7 65.2 121.2

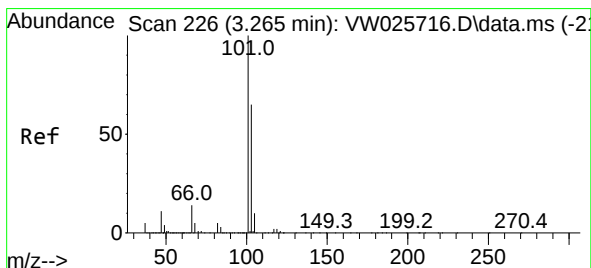
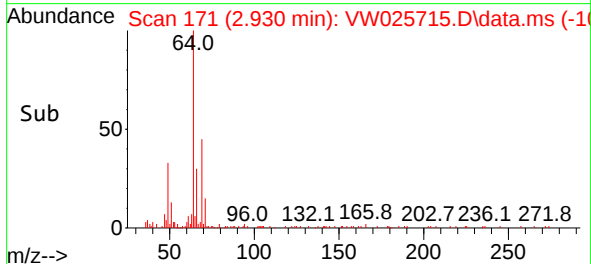
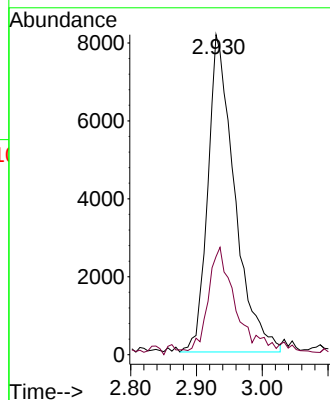
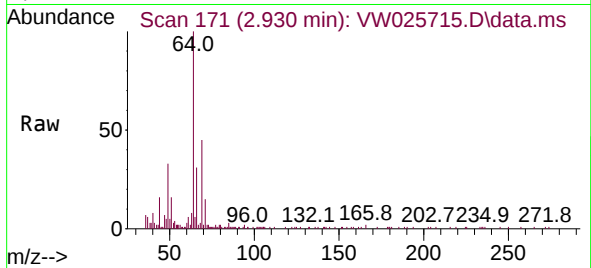




#8
Chloroethane
Concen: 3.829 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

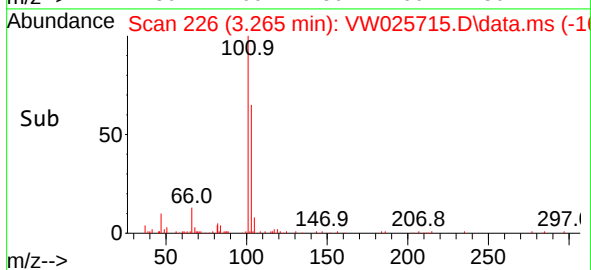
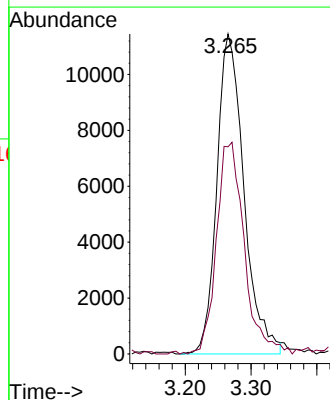
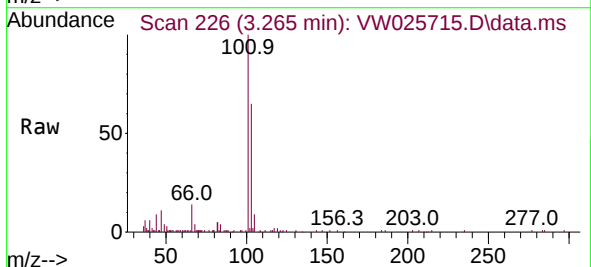
Instrument :
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ClientSampleId :
VSTD005444

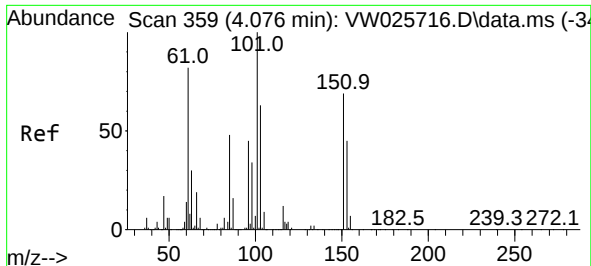
Tgt Ion: 64 Resp: 23070
Ion Ratio Lower Upper
64 100
66 30.7 21.5 39.9



#9
Trichlorofluoromethane
Concen: 3.683 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion: 101 Resp: 32743
Ion Ratio Lower Upper
101 100
103 67.5 52.2 78.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.716 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD005444

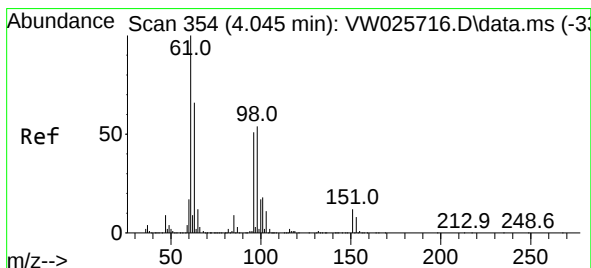
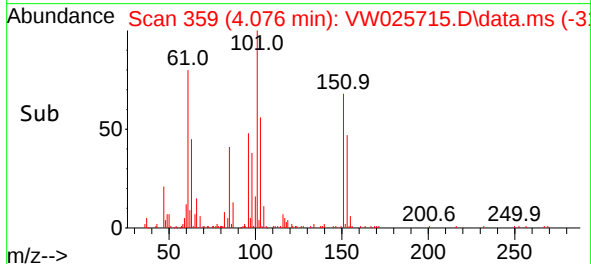
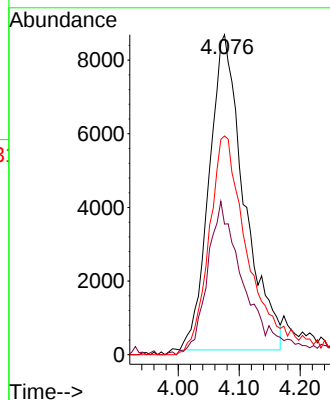
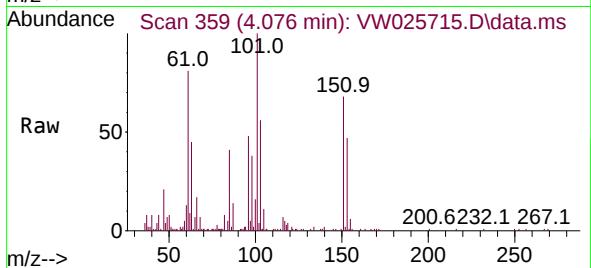
Tgt Ion:101 Resp: 34379

Ion Ratio Lower Upper

101 100

85 46.2 35.9 53.9

151 73.7 54.1 81.1



#12

1,1-Dichloroethene

Concen: 3.903 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

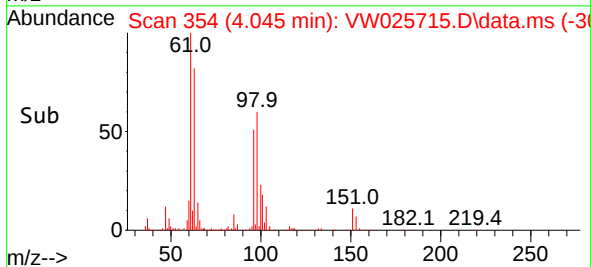
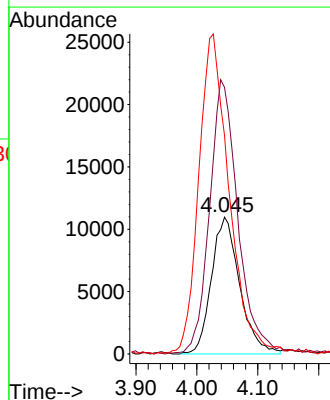
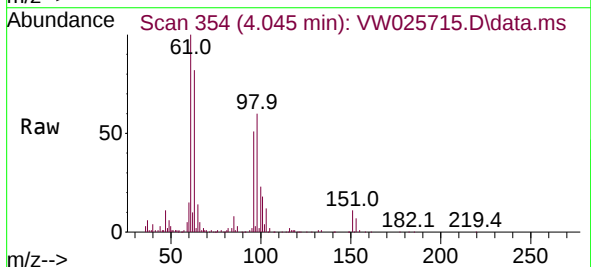
Tgt Ion: 96 Resp: 35365

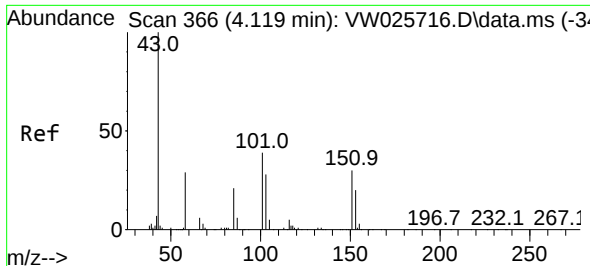
Ion Ratio Lower Upper

96 100

61 194.8 137.9 256.1

63 159.7 90.5 168.1

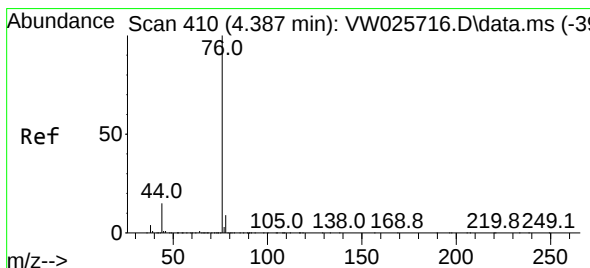
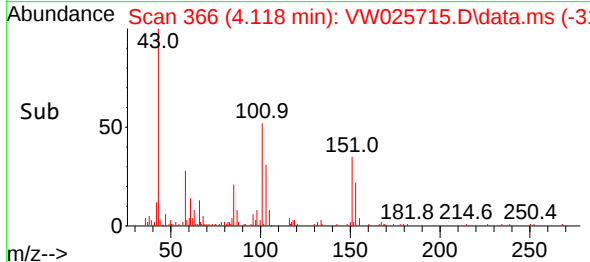
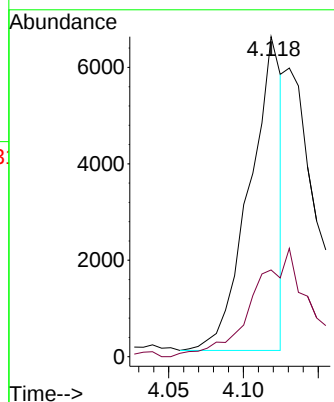
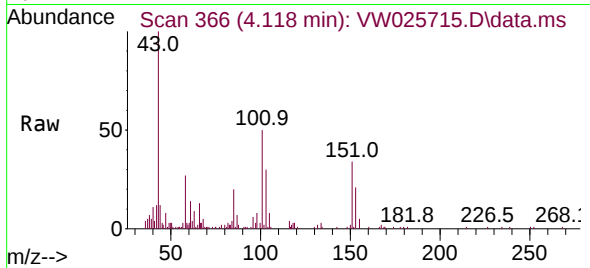




#13
Acetone
Concen: 3.893 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

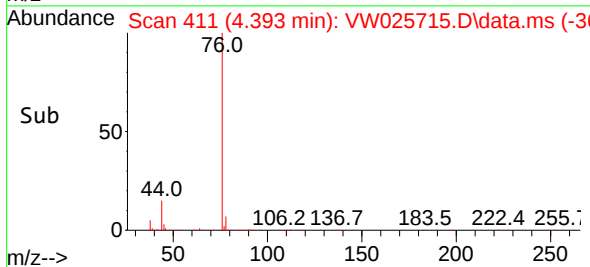
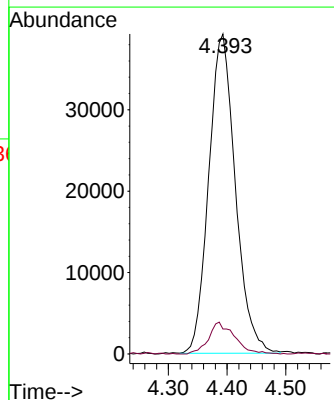
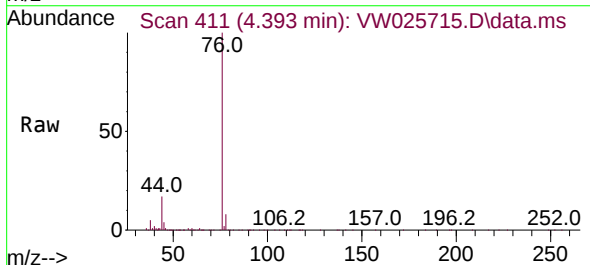
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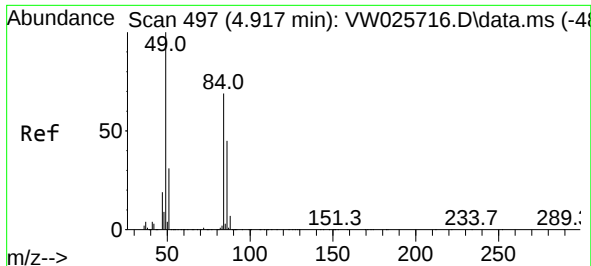
Tgt Ion: 43 Resp: 9770
Ion Ratio Lower Upper
43 100
58 32.2 0.0 58.6



#14
Carbon disulfide
Concen: 3.882 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion: 76 Resp: 123556
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.6

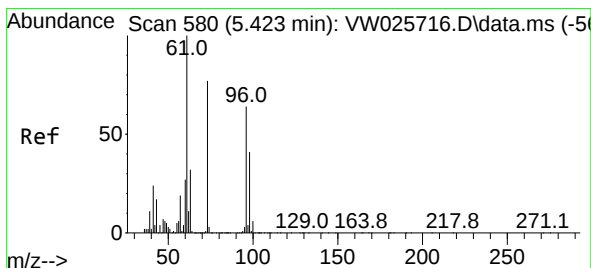
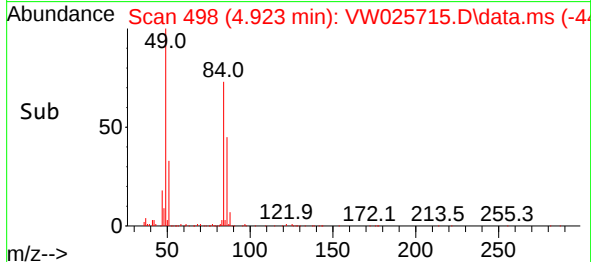
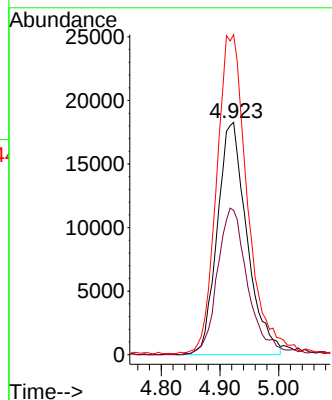
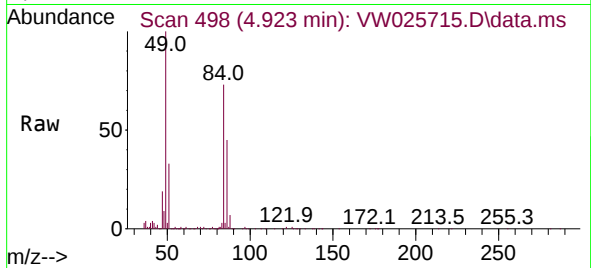




#16
Methylene chloride
Concen: 5.065 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

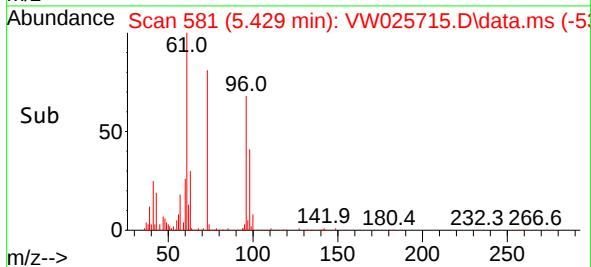
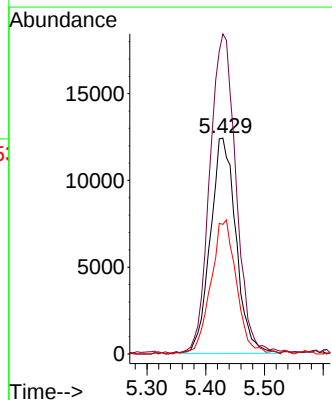
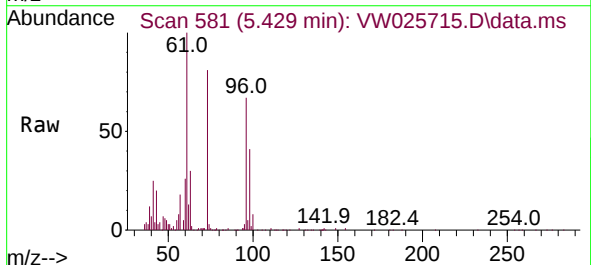
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ClientSampleId :
VSTD005444

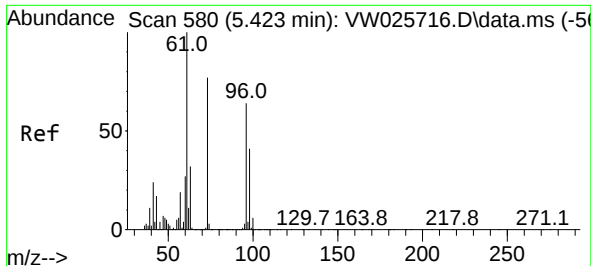
Tgt Ion: 84 Resp: 63972
Ion Ratio Lower Upper
84 100
86 62.2 46.3 85.9
49 137.8 101.9 189.3



#17
trans-1,2-Dichloroethene
Concen: 3.929 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion: 96 Resp: 37631
Ion Ratio Lower Upper
96 100
61 148.3 110.2 204.8
98 60.1 44.8 83.2

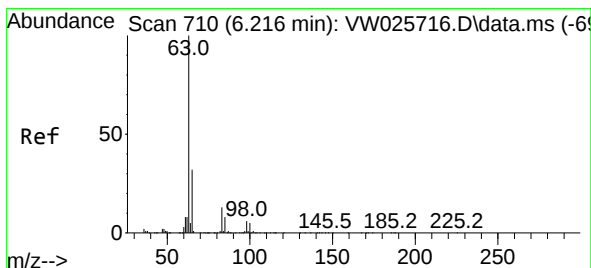
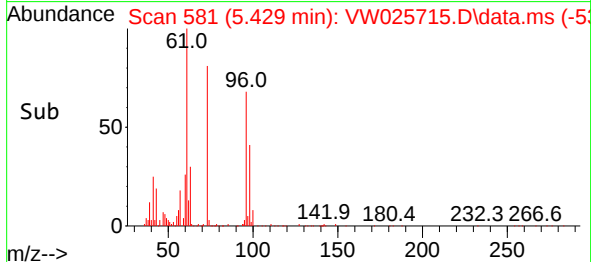
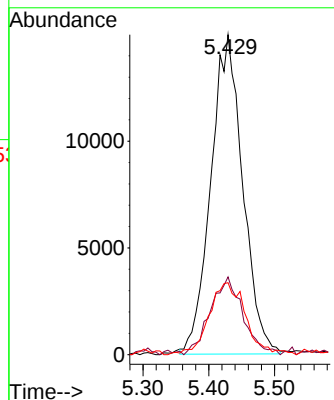
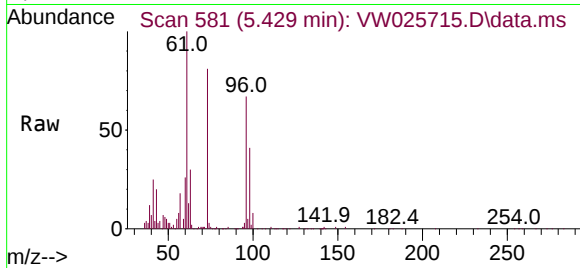




#18
Methyl tert-butyl Ether
Concen: 3.666 ug/L
RT: 5.429 min Scan# 505
Delta R.T. 0.006 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

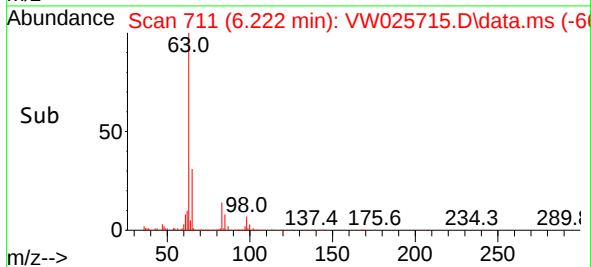
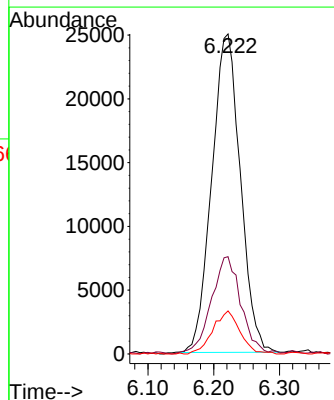
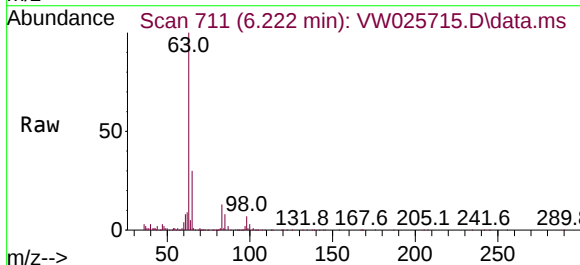
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

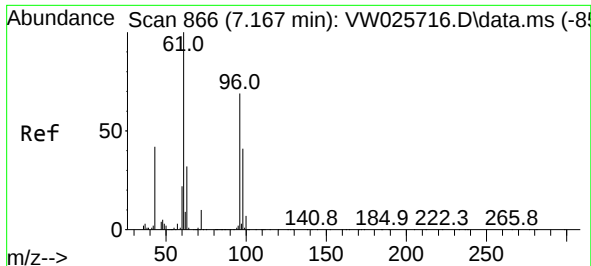
Tgt Ion: 73 Resp: 50529
Ion Ratio Lower Upper
73 100
43 24.5 18.2 27.4
57 15.7 19.3 28.9#



#19
1,1-Dichloroethane
Concen: 3.869 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion: 63 Resp: 75514
Ion Ratio Lower Upper
63 100
65 30.4 22.5 41.9
83 13.5 9.0 16.8

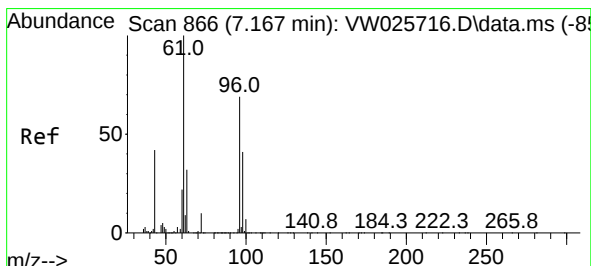
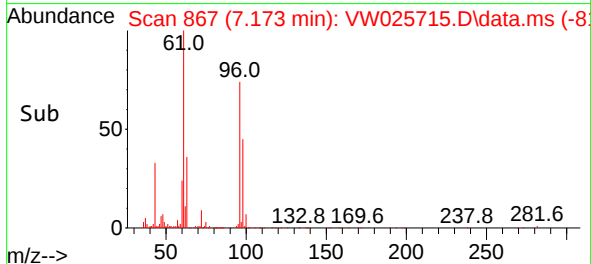
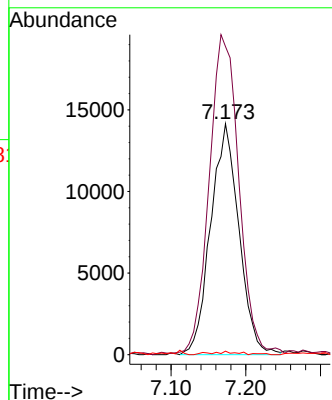
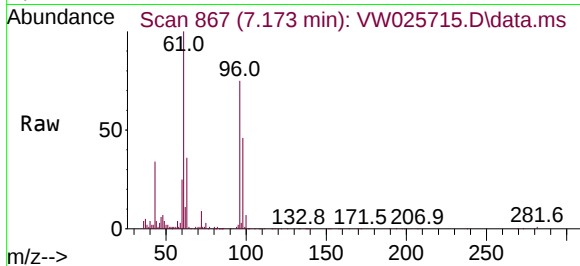




#20
 cis-1,2-Dichloroethene
 Concen: 3.706 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW025715.D
 Acq: 27 Apr 2023 08:23

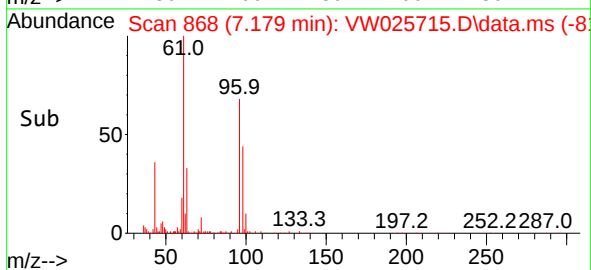
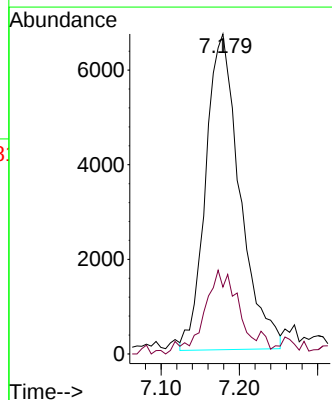
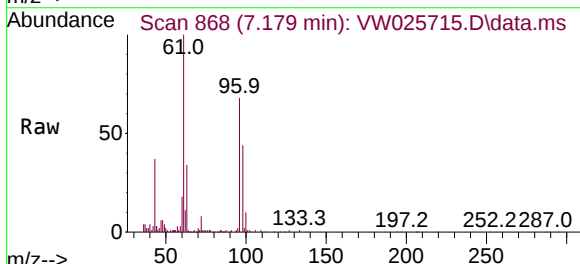
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005444

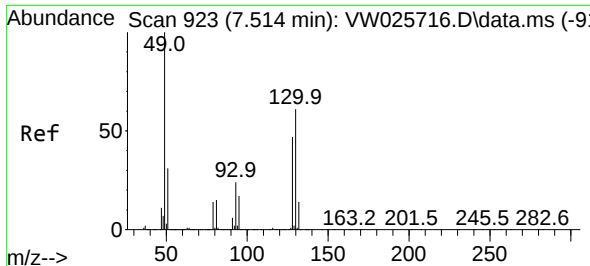
Tgt Ion: 96 Resp: 37225
 Ion Ratio Lower Upper
 96 100
 61 133.4 101.6 188.6
 68 1.5 0.1 0.1#



#22
 2-Butanone
 Concen: 6.371 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. 0.012 min
 Lab File: VW025715.D
 Acq: 27 Apr 2023 08:23

Tgt Ion: 43 Resp: 20273
 Ion Ratio Lower Upper
 43 100
 72 24.5 11.7 35.0

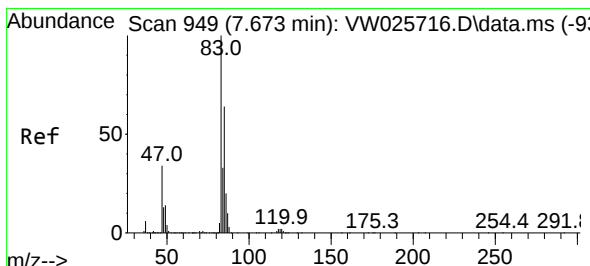
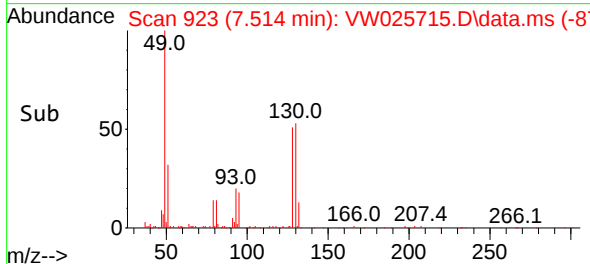
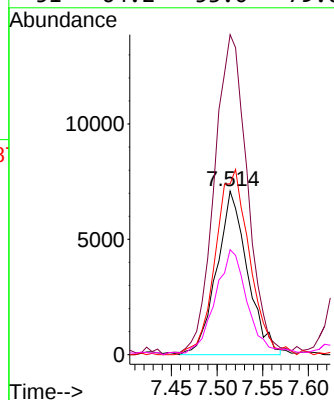
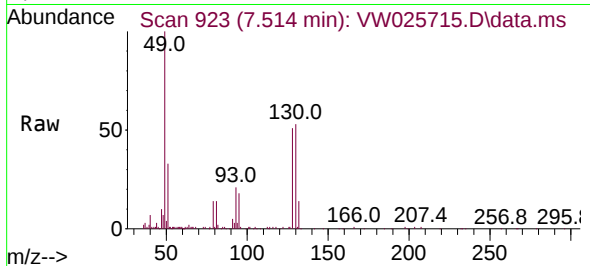




#23
Bromochloromethane
Concen: 3.960 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

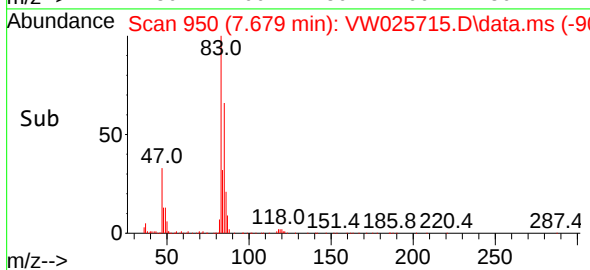
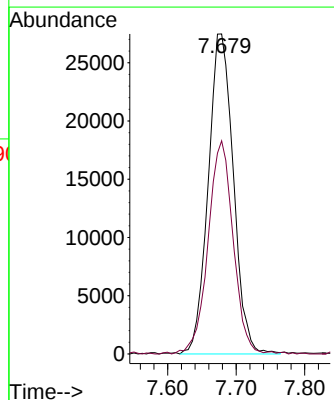
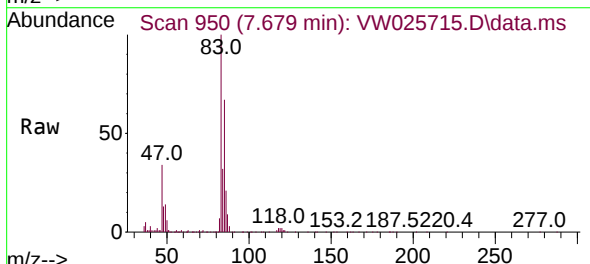
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

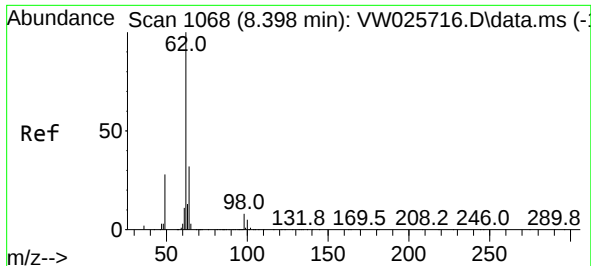
Tgt Ion:	128	Resp:	16521
Ion	Ratio	Lower	Upper
128	100		
49	195.6	148.0	274.8
130	104.5	90.3	167.7
51	64.2	53.0	79.6



#25
Chloroform
Concen: 3.913 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion:	83	Resp:	70143
Ion	Ratio	Lower	Upper
83	100		
85	66.6	44.9	83.5





#27

1,2-Dichloroethane

Concen: 3.931 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

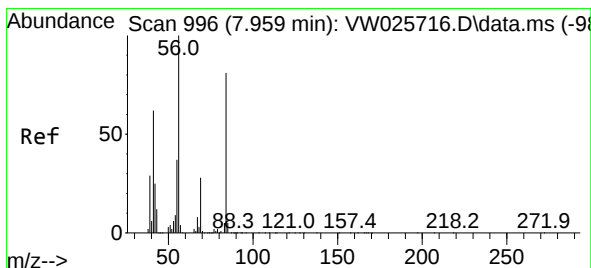
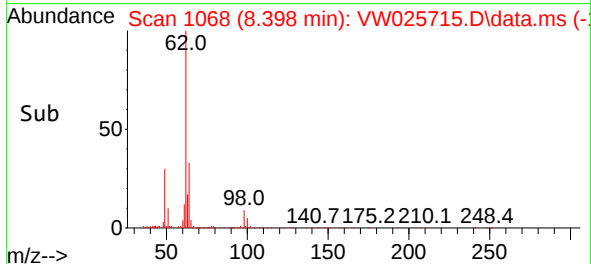
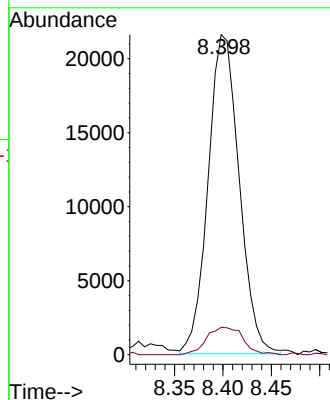
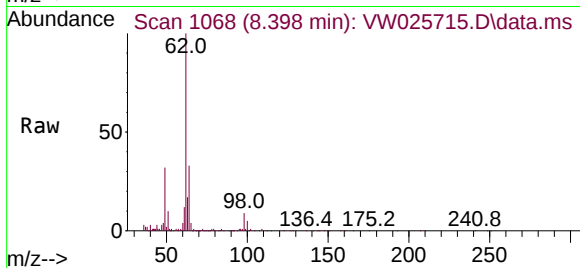
VSTD005444

Tgt Ion: 62 Resp: 48276

Ion Ratio Lower Upper

62 100

98 8.6 6.5 9.7



#29

Cyclohexane

Concen: 3.353 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

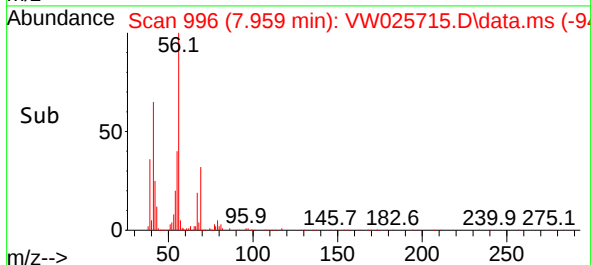
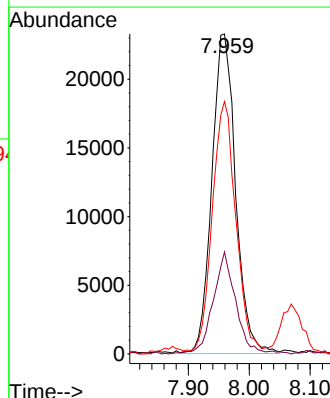
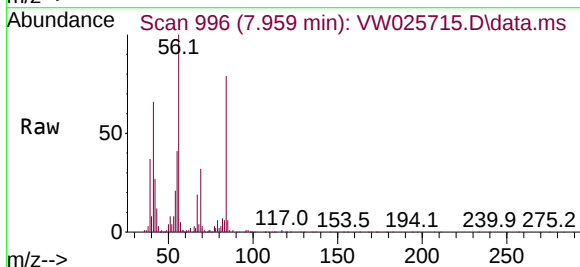
Tgt Ion: 56 Resp: 63111

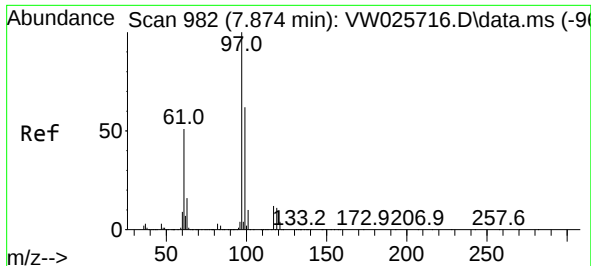
Ion Ratio Lower Upper

56 100

69 30.0 22.6 34.0

84 78.0 62.2 93.2

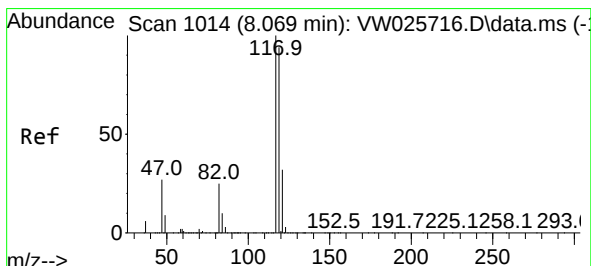
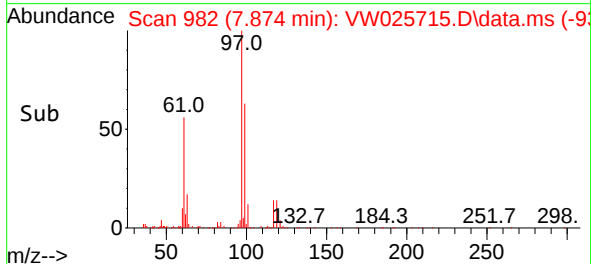
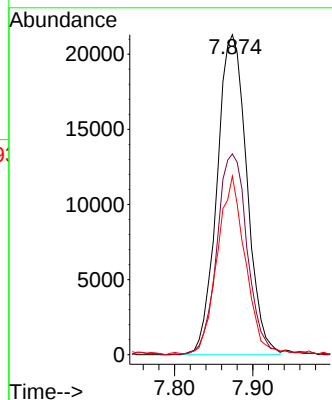
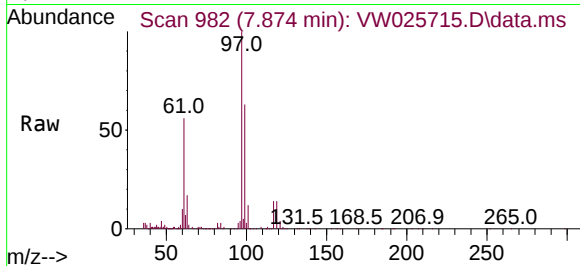




#30
1,1,1-Trichloroethane
Concen: 3.833 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

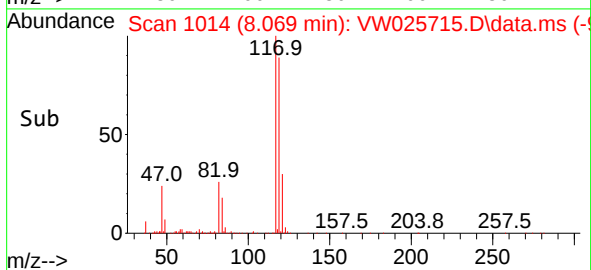
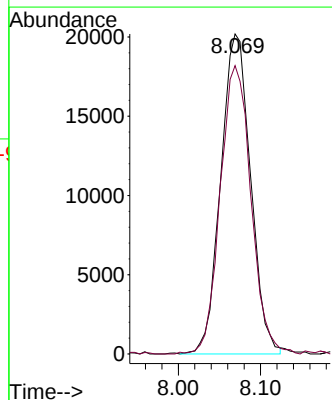
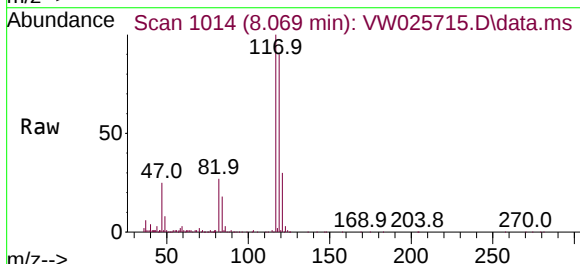
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

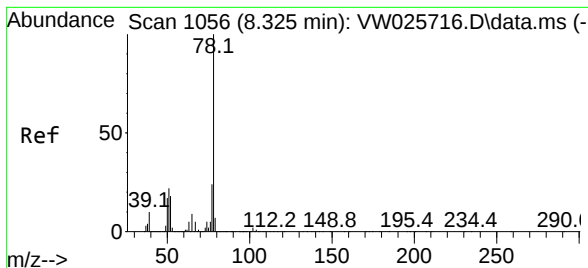
Tgt Ion: 97 Resp: 56293
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 52.2 42.2 63.2



#31
Carbon tetrachloride
Concen: 3.809 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion: 117 Resp: 50902
Ion Ratio Lower Upper
117 100
119 92.8 77.4 116.2





#33

Benzene

Concen: 3.799 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

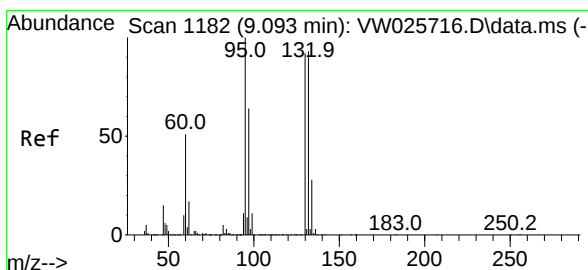
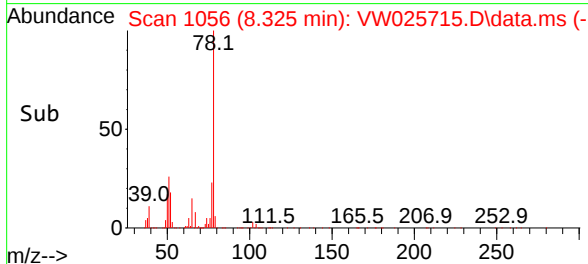
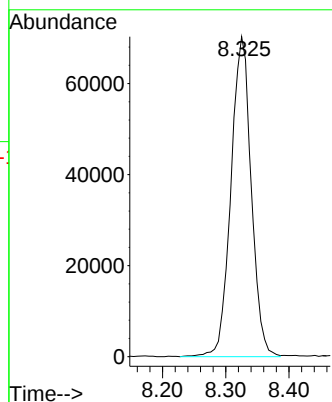
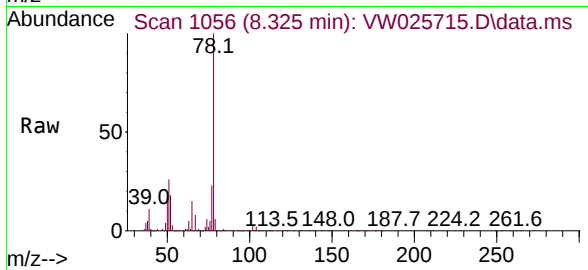
Instrument :

MSVOA_W

ClientSampleId :

VSTD005444

Tgt Ion: 78 Resp: 156849



#34

Trichloroethene

Concen: 3.798 ug/L

RT: 9.093 min Scan# 1182

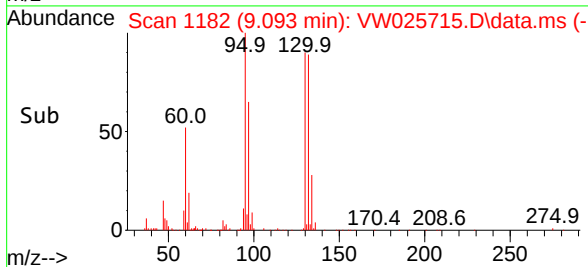
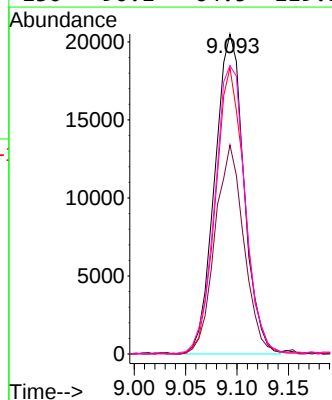
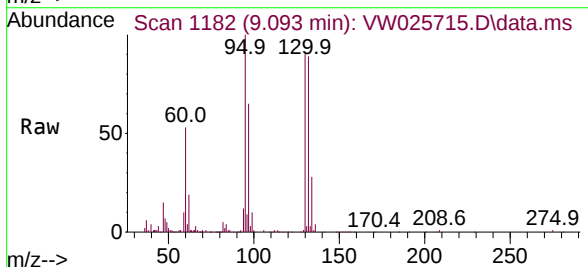
Delta R.T. -0.000 min

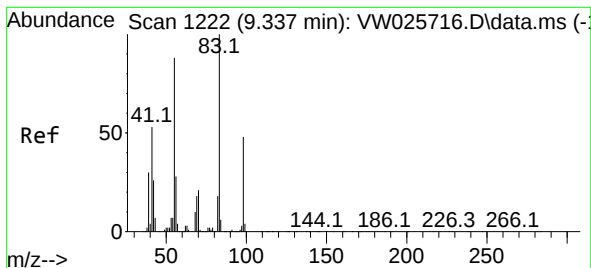
Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

Tgt Ion: 95 Resp: 40503

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.7	83.1
132	89.5	65.0	120.6
130	90.1	64.5	119.9

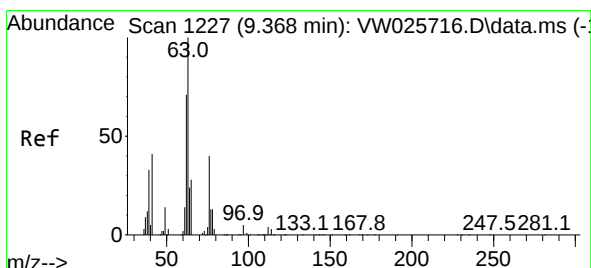
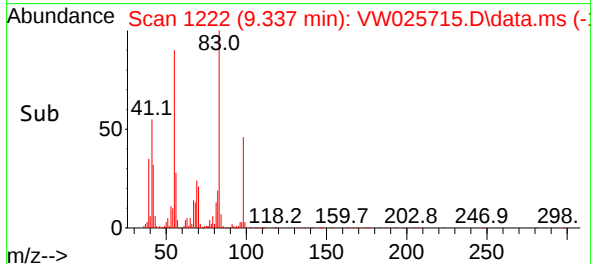
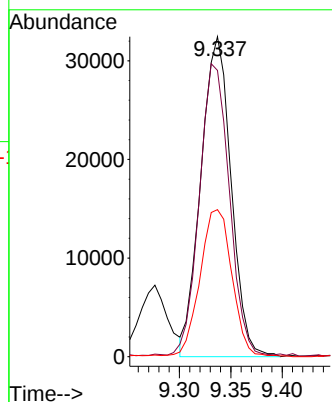
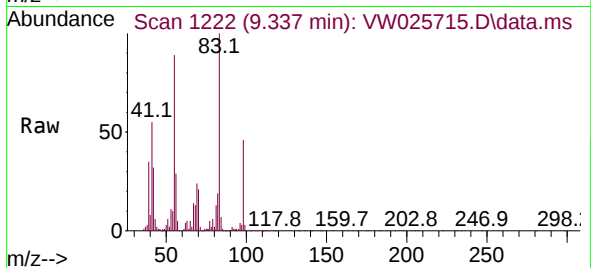




#35
Methylcyclohexane
Concen: 3.504 ug/L
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

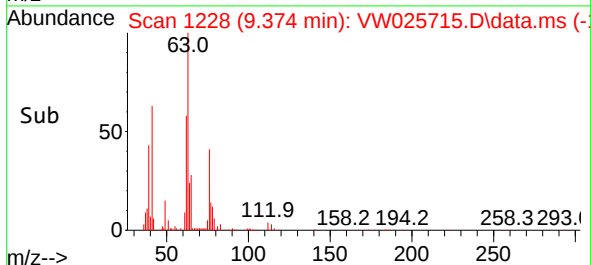
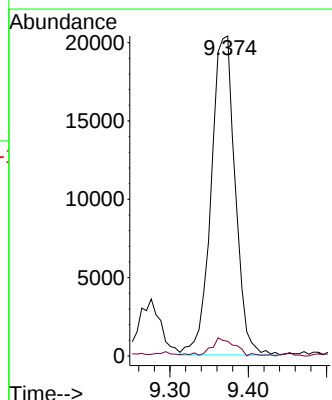
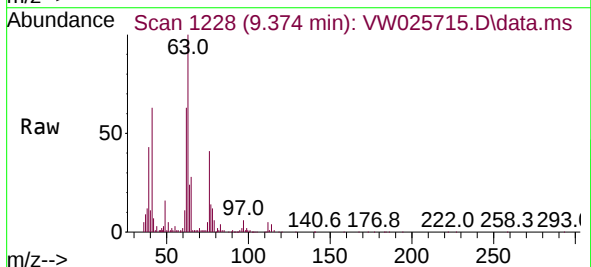
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

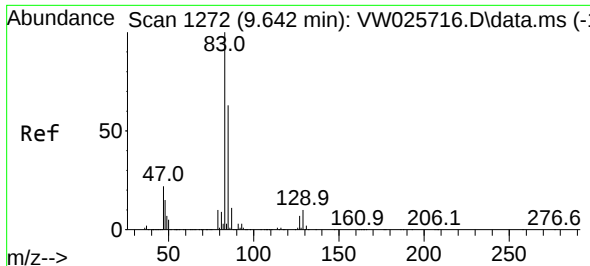
Tgt Ion: 83 Resp: 66420
Ion Ratio Lower Upper
83 100
55 91.4 68.7 103.1
98 48.5 37.4 56.2



#37
1,2-Dichloropropane
Concen: 3.904 ug/L
RT: 9.374 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion: 63 Resp: 43451
Ion Ratio Lower Upper
63 100
112 5.1 3.2 4.8#

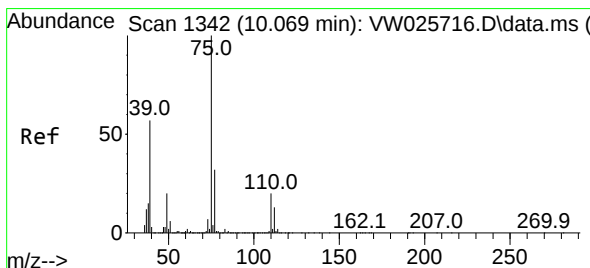
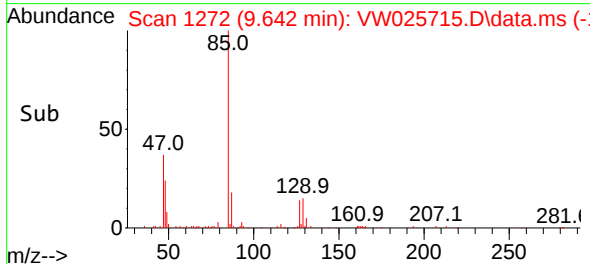
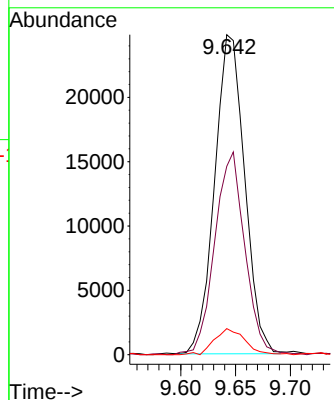
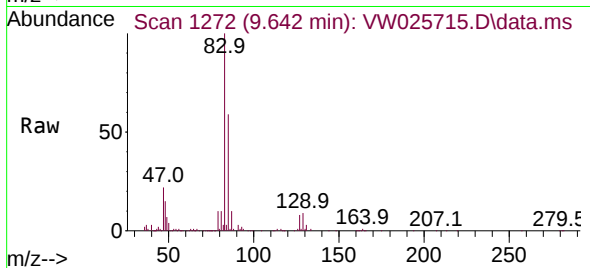




#38
Bromodichloromethane
Concen: 3.761 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

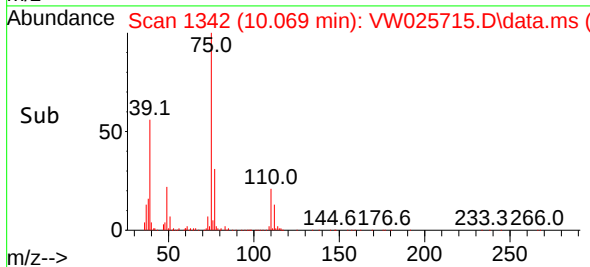
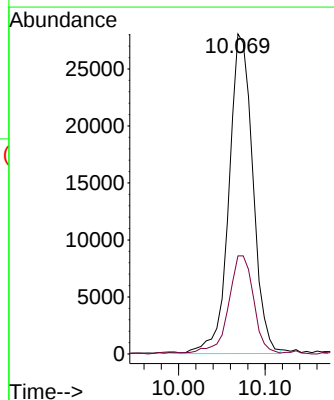
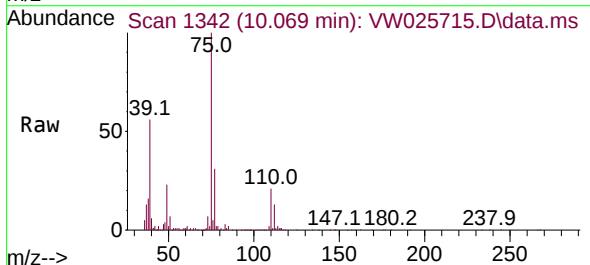
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

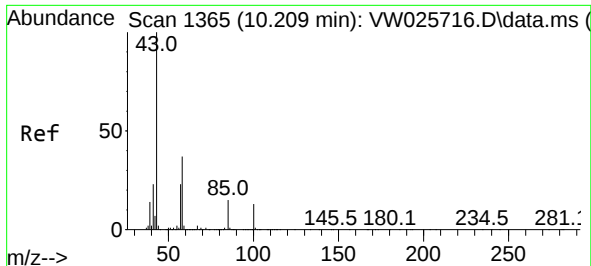
Tgt Ion:	83	Resp:	47324
Ion	Ratio	Lower	Upper
83	100		
85	58.8	44.4	82.4
127	8.2	5.5	8.3



#39
cis-1,3-Dichloropropene
Concen: 3.371 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion:	75	Resp:	53724
Ion	Ratio	Lower	Upper
75	100		
77	30.6	22.3	41.5

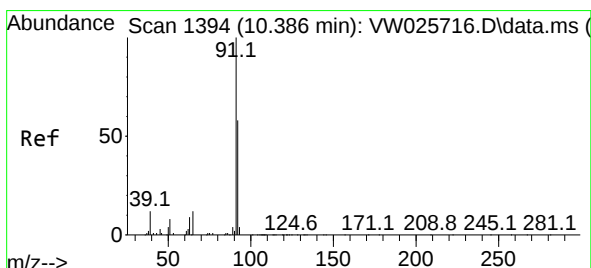
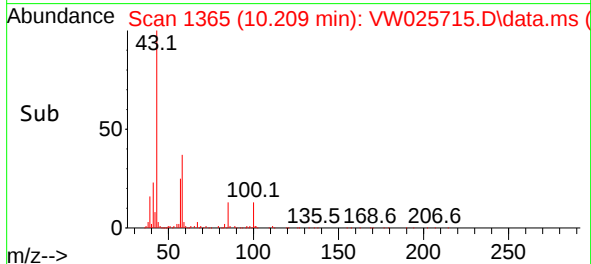
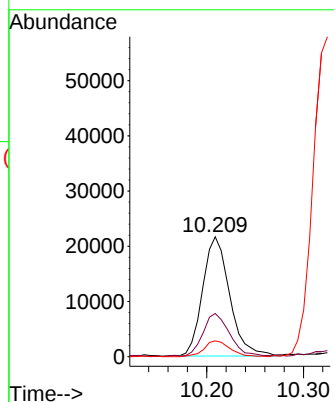
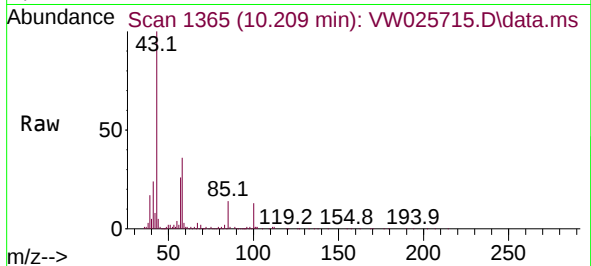




#40
4-Methyl-2-pentanone
Concen: 6.246 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

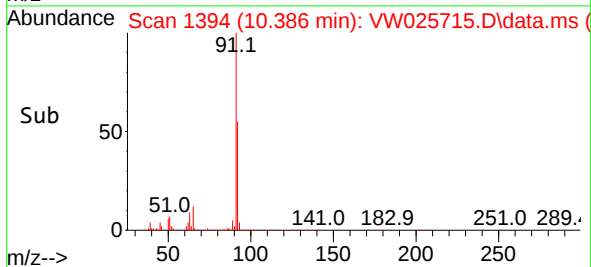
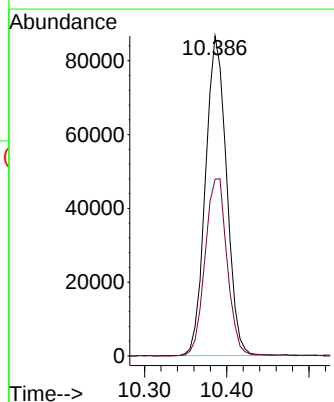
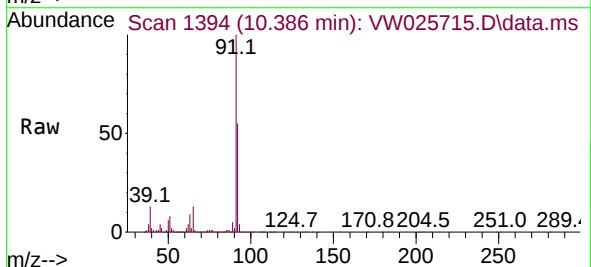
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

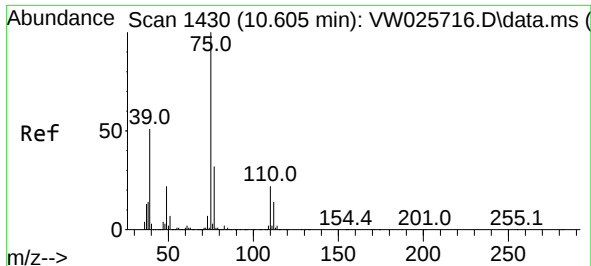
Tgt Ion:	43	Resp:	41924
Ion Ratio	Lower	Upper	
43	100		
58	35.8	29.4	44.0
100	12.8	10.2	15.4



#42
Toluene
Concen: 3.663 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion:	91	Resp:	154267
Ion Ratio	Lower	Upper	
91	100		
92	55.2	40.8	75.8

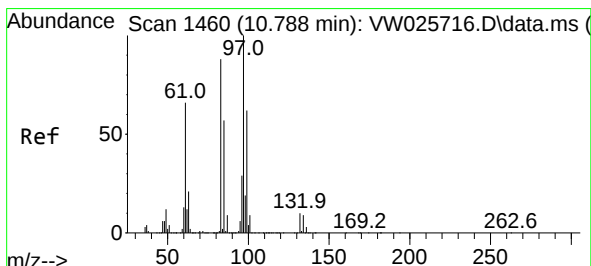
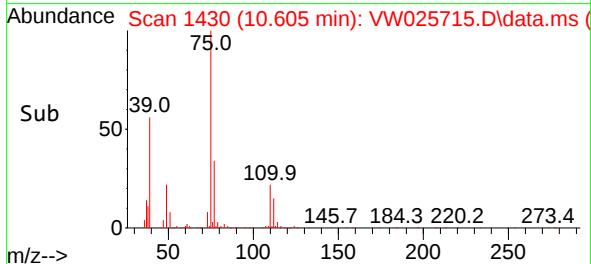
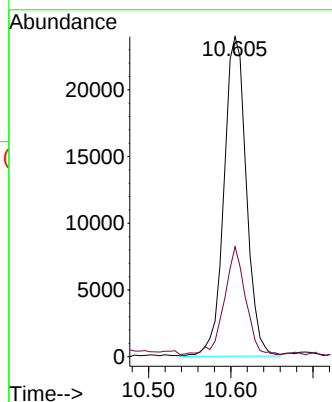
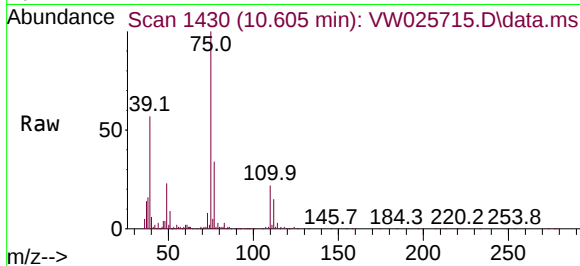




#44
trans-1,3-Dichloropropene
Concen: 3.458 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

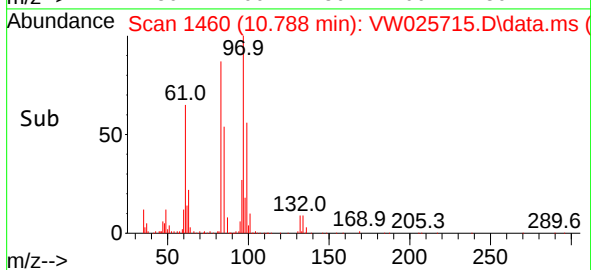
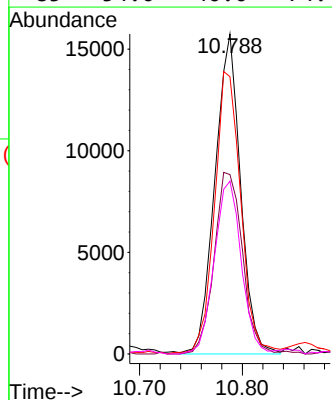
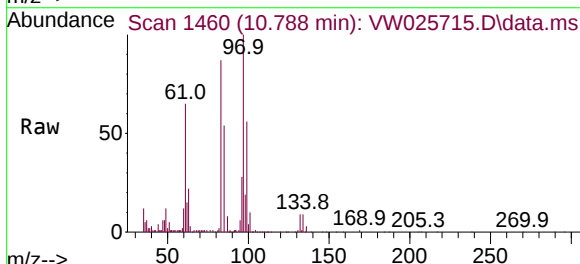
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

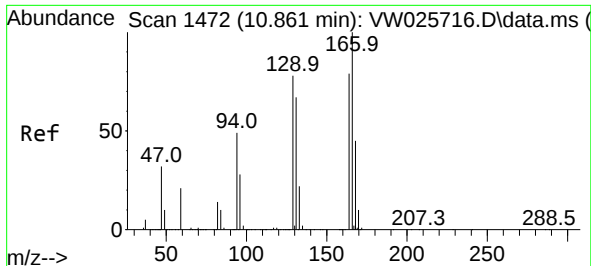
Tgt Ion: 75 Resp: 45280
Ion Ratio Lower Upper
75 100
77 34.4 22.5 41.7



#45
1,1,2-Trichloroethane
Concen: 3.777 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion: 97 Resp: 27236
Ion Ratio Lower Upper
97 100
99 56.0 43.6 81.0
83 86.6 61.5 114.1
85 54.0 40.0 74.4

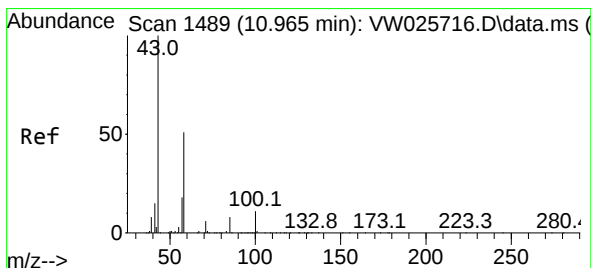
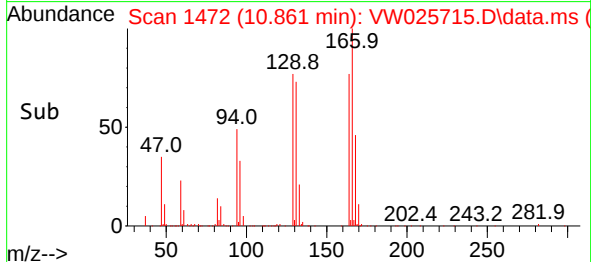
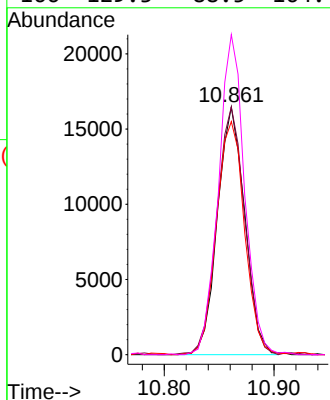
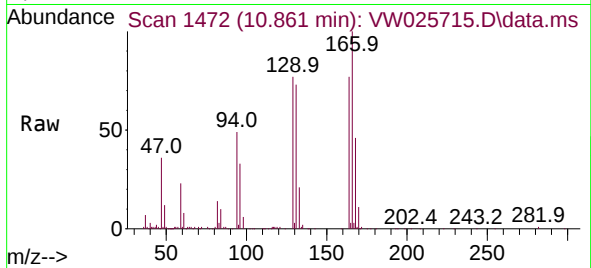




#46
Tetrachloroethene
Concen: 3.765 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

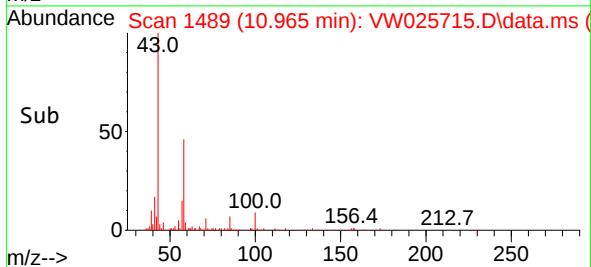
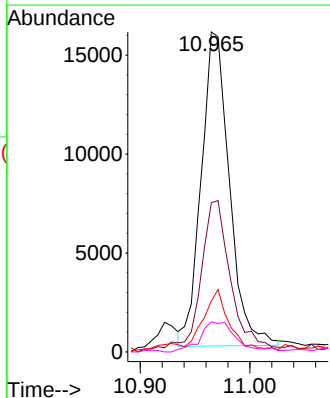
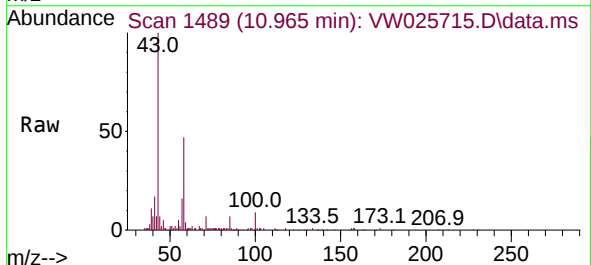
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

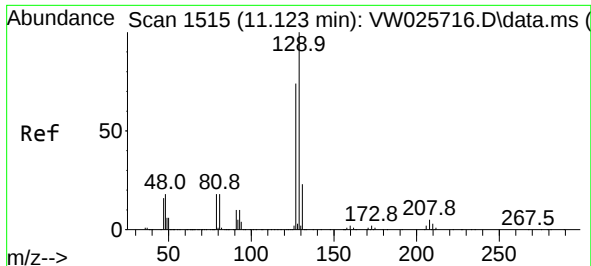
Tgt Ion:	164	Resp:	28434
Ion	Ratio	Lower	Upper
164	100		
129	100.1	69.2	128.6
131	94.2	59.4	110.2
166	129.3	88.5	164.4



#48
2-Hexanone
Concen: 6.005 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion:	43	Resp:	28385
Ion	Ratio	Lower	Upper
43	100		
58	49.0	40.3	60.5
57	16.8	13.8	20.8
100	11.9	7.8	11.6

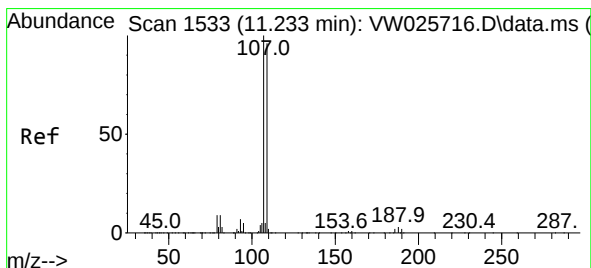
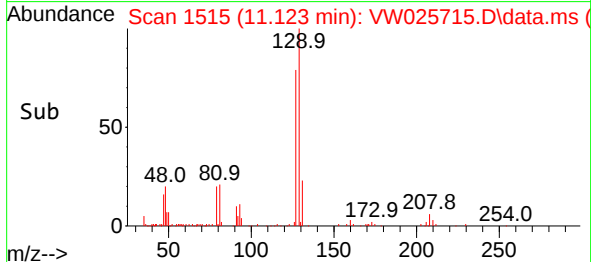
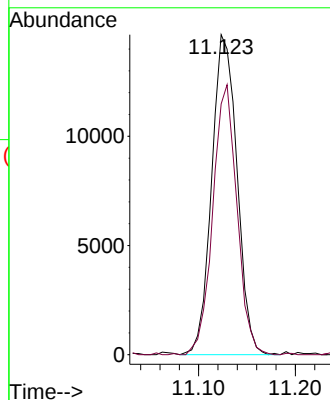
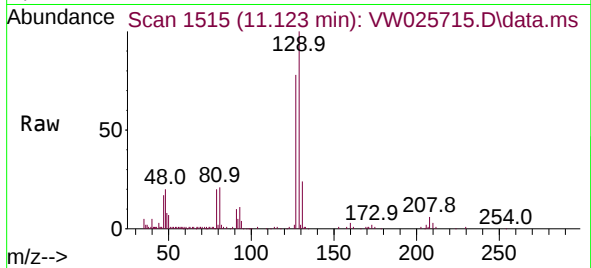




#49
Dibromochloromethane
Concen: 3.573 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

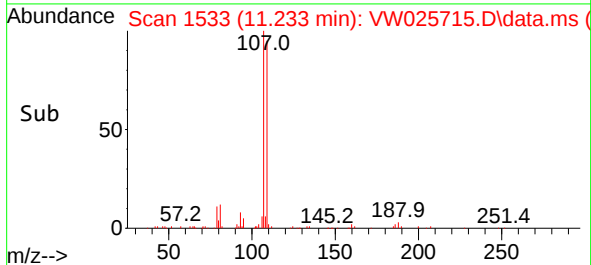
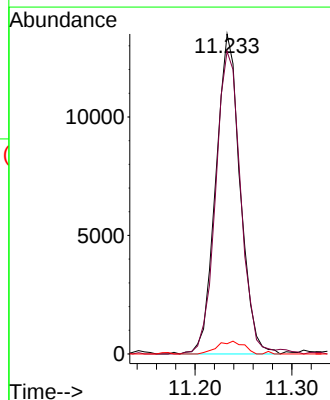
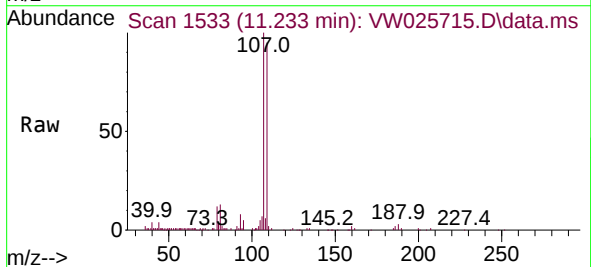
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

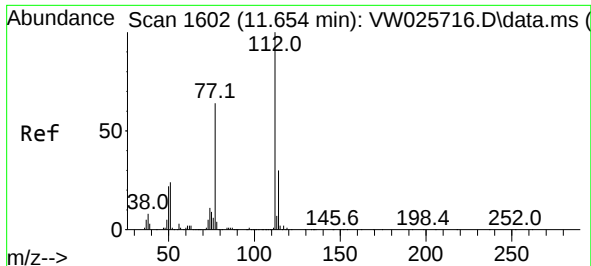
Tgt Ion:129 Resp: 26685
Ion Ratio Lower Upper
129 100
127 78.4 51.9 96.5



#50
1,2-Dibromoethane
Concen: 3.569 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion:107 Resp: 23608
Ion Ratio Lower Upper
107 100
109 94.6 66.9 124.3
188 3.2 2.1 3.1#

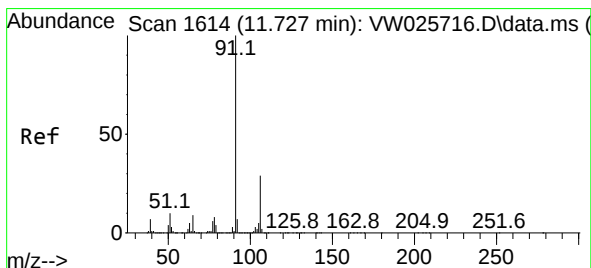
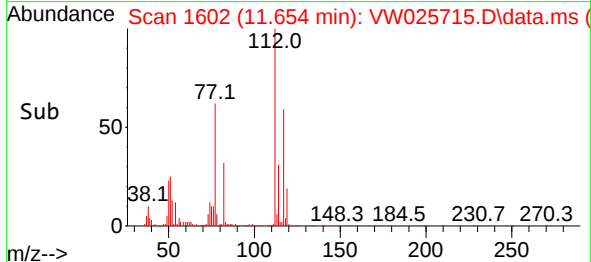
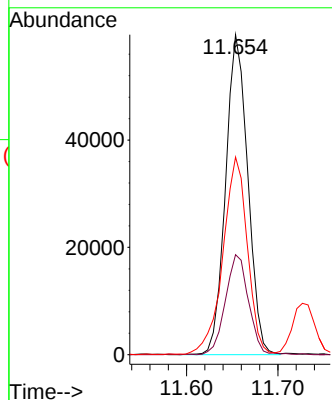
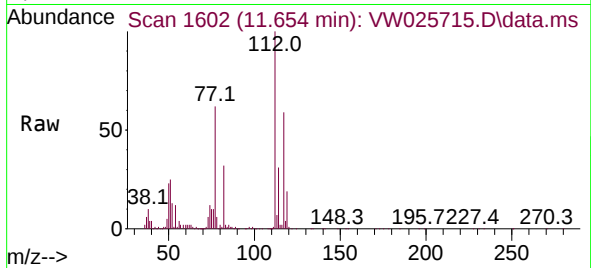




#51
Chlorobenzene
Concen: 3.883 ug/L
RT: 11.654 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

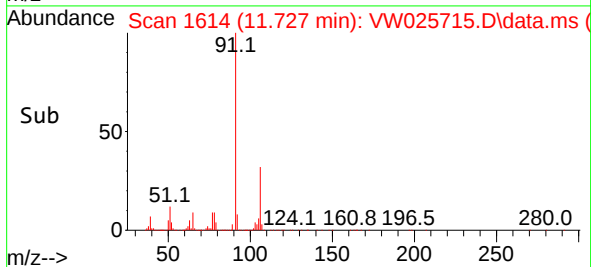
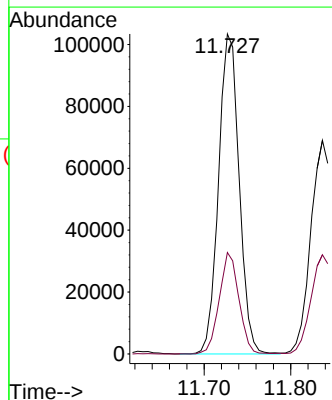
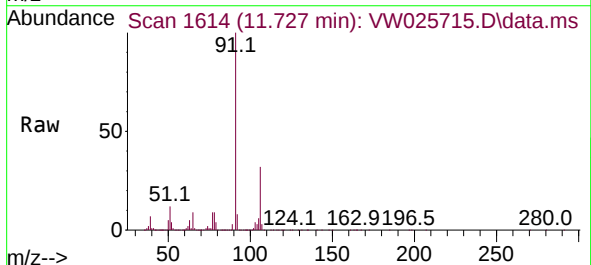
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

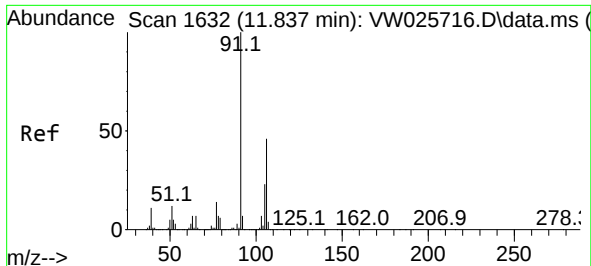
Tgt Ion:112 Resp: 100639
Ion Ratio Lower Upper
112 100
114 31.2 21.2 39.4
77 61.7 51.5 77.3



#52
Ethylbenzene
Concen: 3.619 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion: 91 Resp: 170952
Ion Ratio Lower Upper
91 100
106 31.7 20.4 37.8

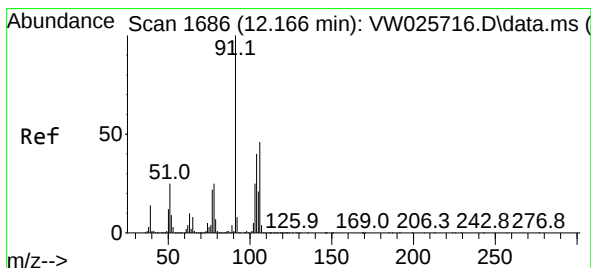
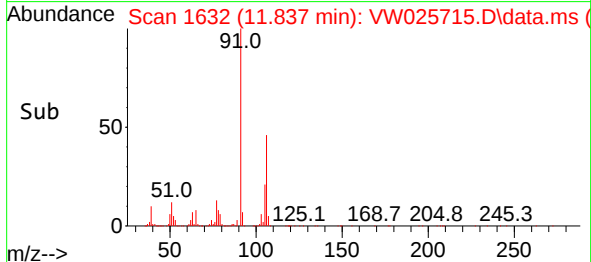
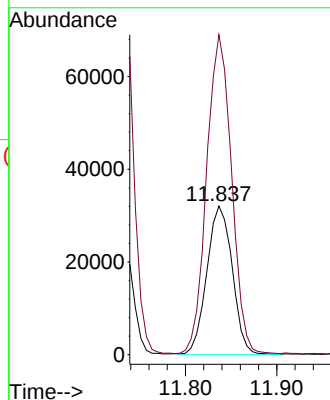
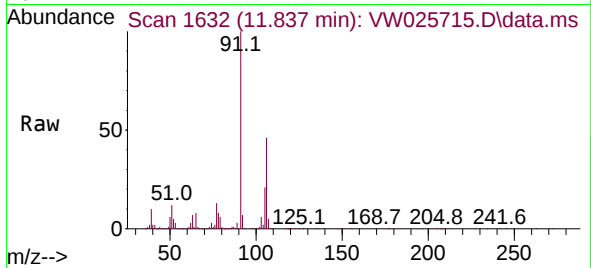




#53
m,p-Xylene
Concen: 3.569 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

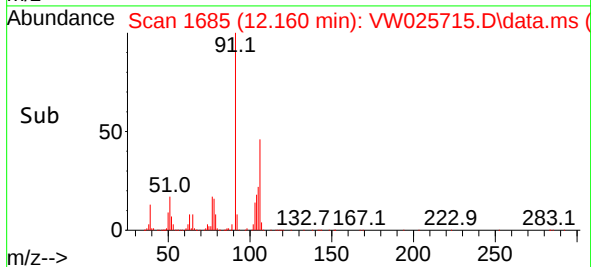
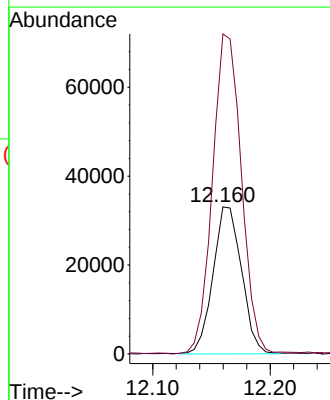
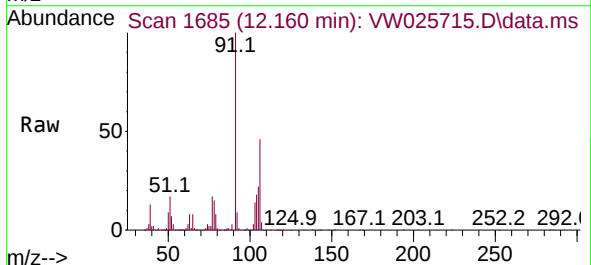
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

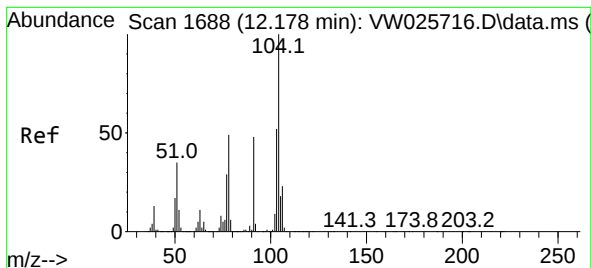
Tgt Ion:106 Resp: 62223
Ion Ratio Lower Upper
106 100
91 215.3 151.1 280.5



#54
o-Xylene
Concen: 3.436 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion:106 Resp: 55867
Ion Ratio Lower Upper
106 100
91 217.5 150.8 280.1





#55

Styrene

Concen: 3.557 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

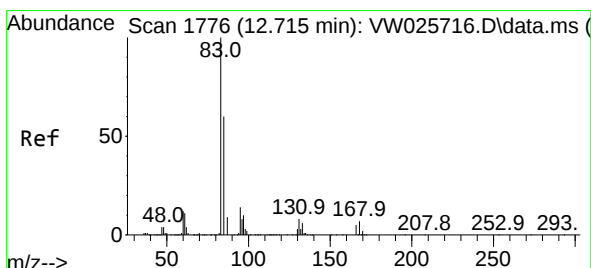
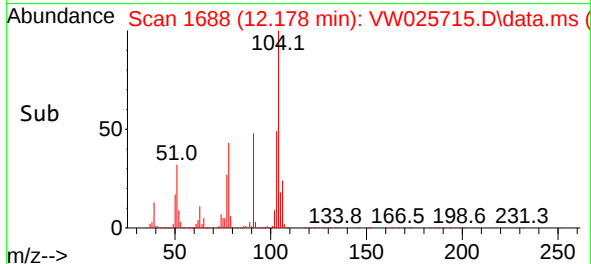
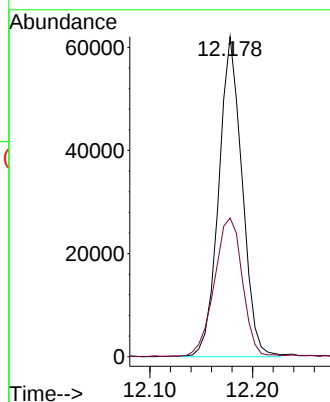
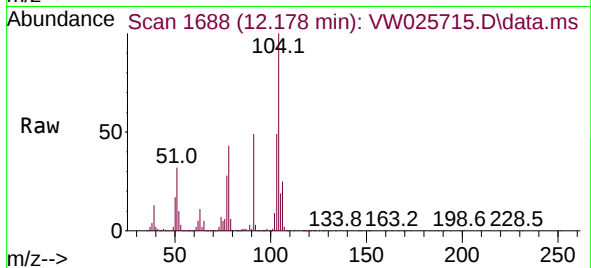
VSTD005444

Tgt Ion:104 Resp: 98027

Ion Ratio Lower Upper

104 100

78 43.4 34.2 63.6



#57

1,1,2,2-Tetrachloroethane

Concen: 3.577 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

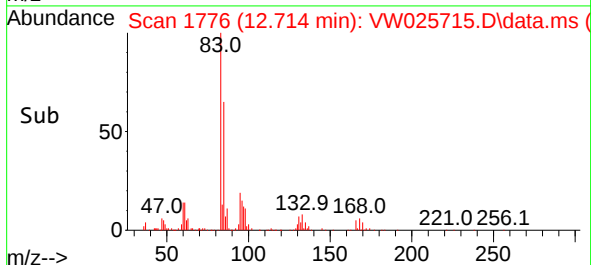
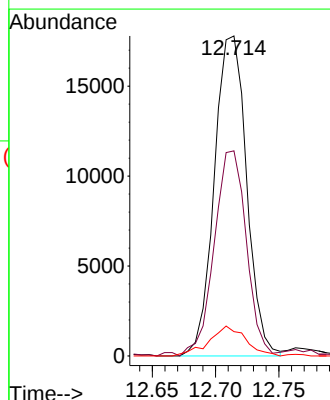
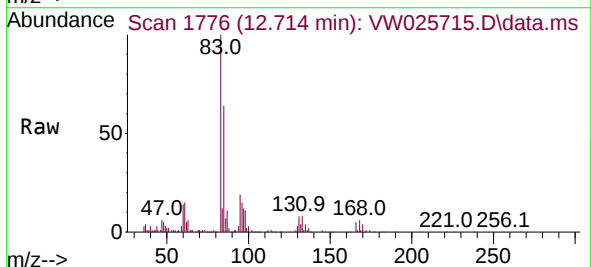
Tgt Ion: 83 Resp: 31589

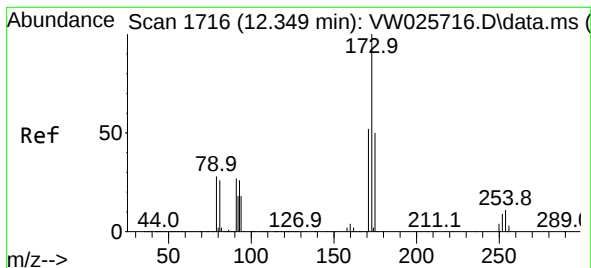
Ion Ratio Lower Upper

83 100

85 64.1 42.2 78.4

131 7.6 6.6 9.8





#59

Bromoform

Concen: 3.498 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD005444

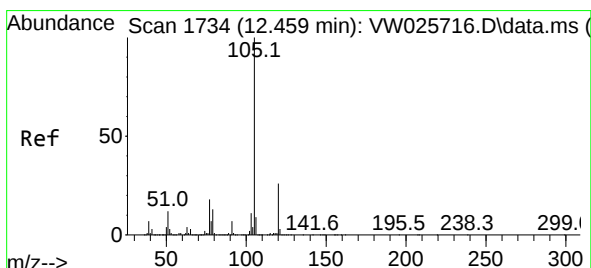
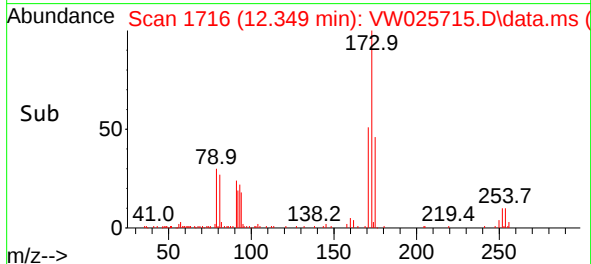
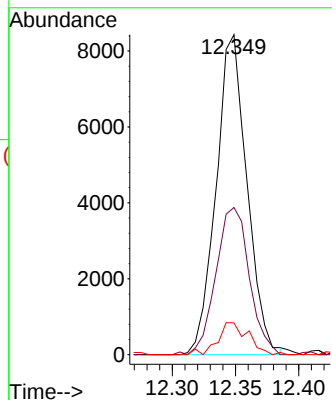
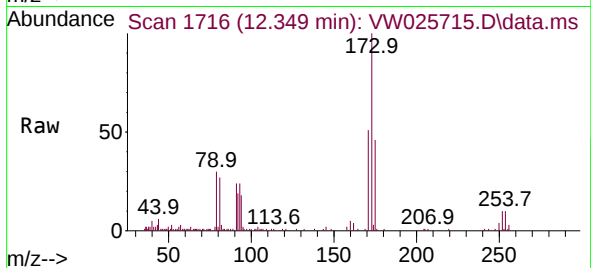
Tgt Ion:173 Resp: 14306

Ion Ratio Lower Upper

173 100

175 49.6 39.4 59.2

254 9.4 7.8 11.6



#60

Isopropylbenzene

Concen: 3.470 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

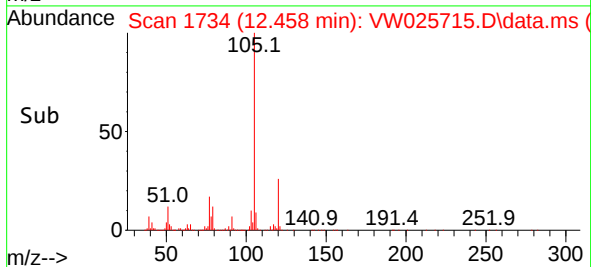
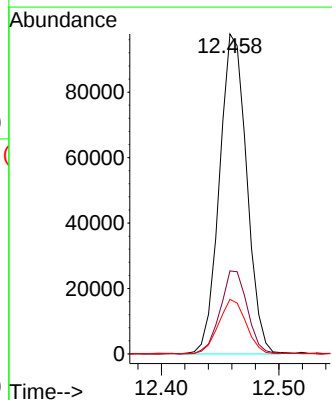
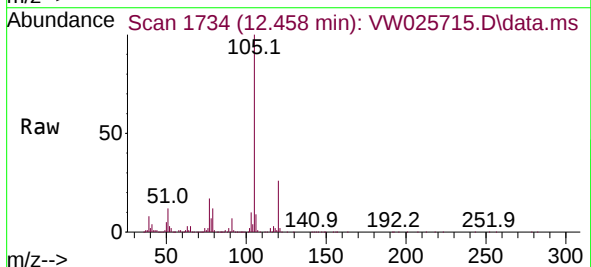
Tgt Ion:105 Resp: 157304

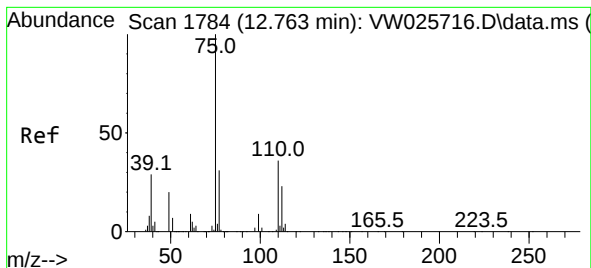
Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 17.4 13.8 20.6





#61

1,2,3-Trichloropropane

Concen: 3.702 ug/L

RT: 12.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD005444

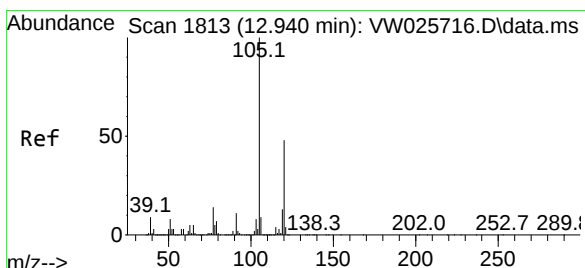
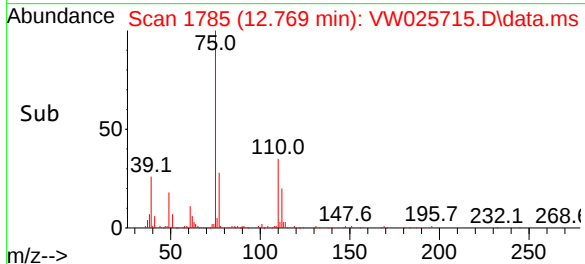
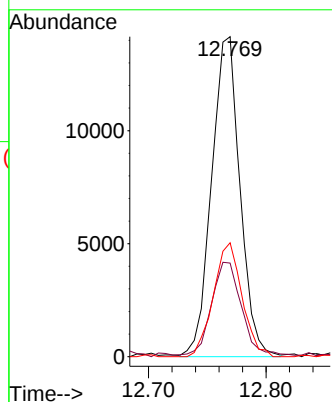
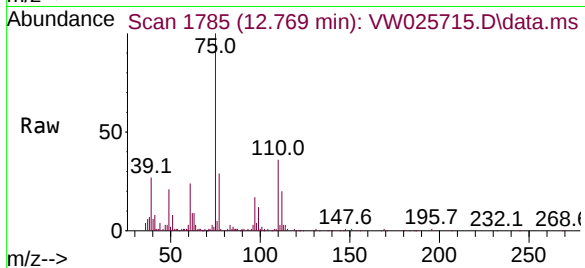
Tgt Ion: 75 Resp: 23762

Ion Ratio Lower Upper

75 100

77 30.3 25.3 37.9

110 35.9 28.7 43.1



#62

1,3,5-Trimethylbenzene

Concen: 3.220 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025715.D

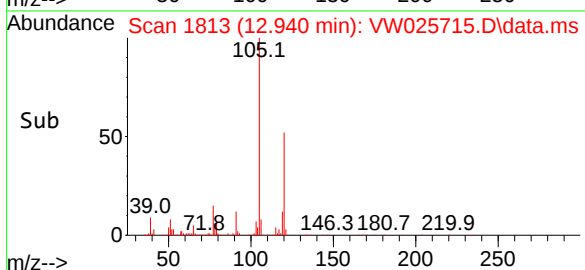
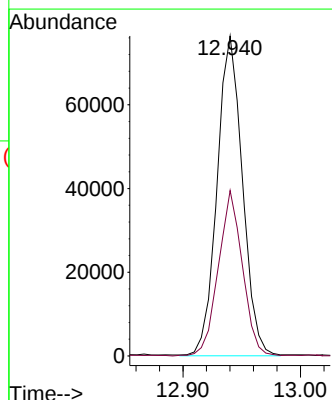
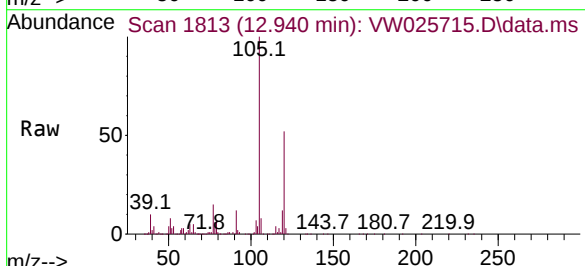
Acq: 27 Apr 2023 08:23

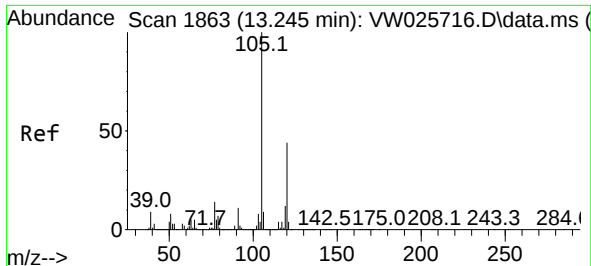
Tgt Ion: 105 Resp: 114771

Ion Ratio Lower Upper

105 100

120 49.1 39.0 58.6

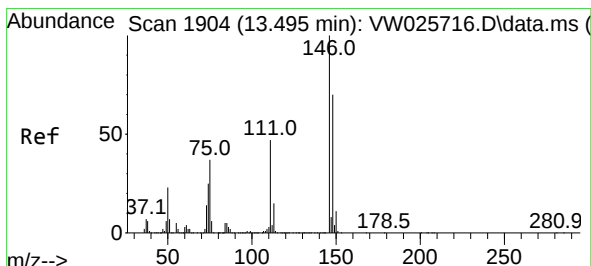
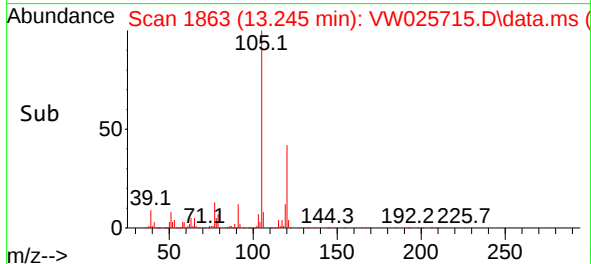
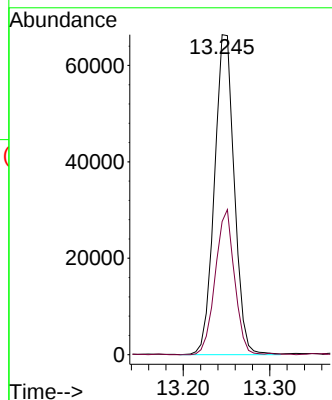
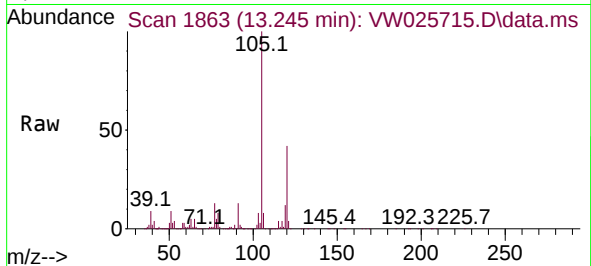




#63
1,2,4-Trimethylbenzene
Concen: 3.284 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

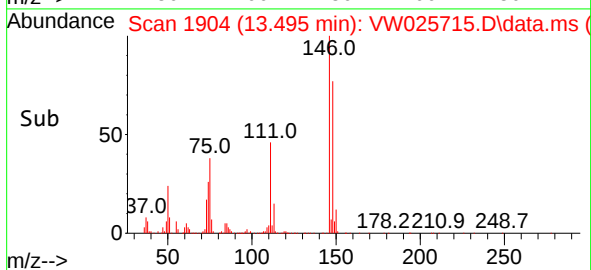
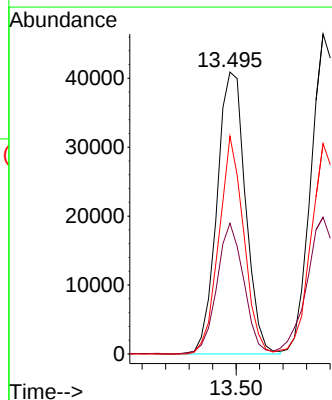
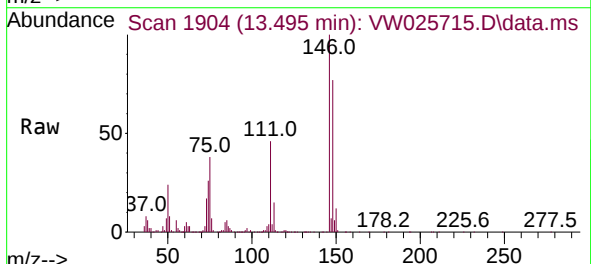
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

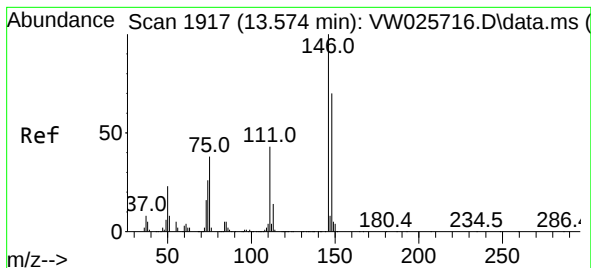
Tgt Ion:105 Resp: 105739
Ion Ratio Lower Upper
105 100
120 43.9 35.7 53.5



#64
1,3-Dichlorobenzene
Concen: 3.614 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion:146 Resp: 69143
Ion Ratio Lower Upper
146 100
111 46.4 33.0 61.4
148 77.3 48.6 90.3





#65

1,4-Dichlorobenzene

Concen: 3.857 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

Instrument :

MSVOA_W

ClientSampleId :

VSTD005444

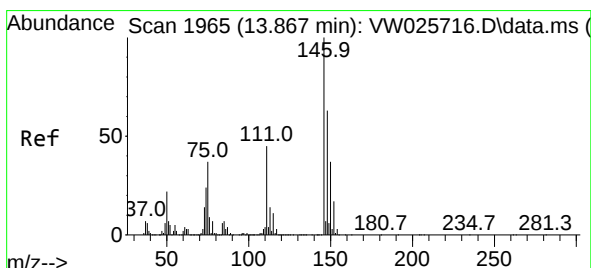
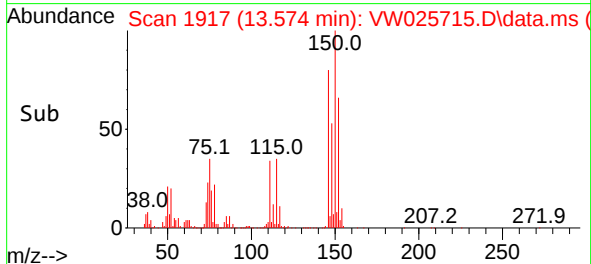
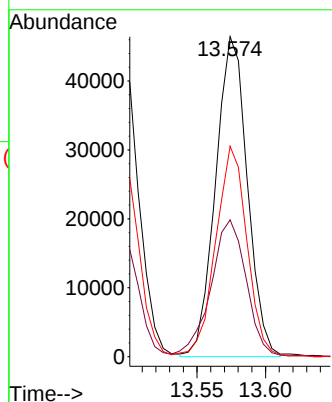
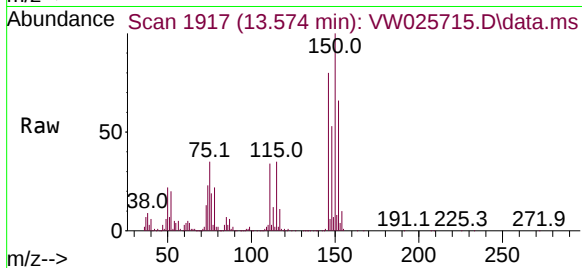
Tgt Ion:146 Resp: 74802

Ion Ratio Lower Upper

146 100

111 42.7 30.4 56.4

148 65.8 49.3 91.5



#67

1,2-Dichlorobenzene

Concen: 3.772 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025715.D

Acq: 27 Apr 2023 08:23

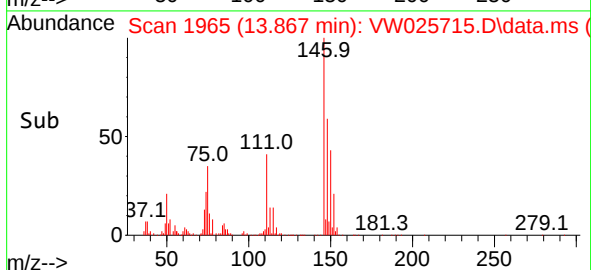
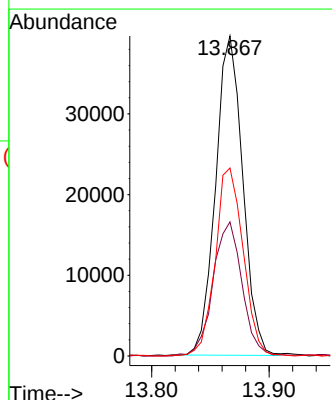
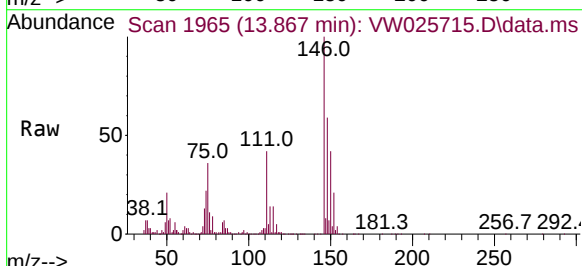
Tgt Ion:146 Resp: 63663

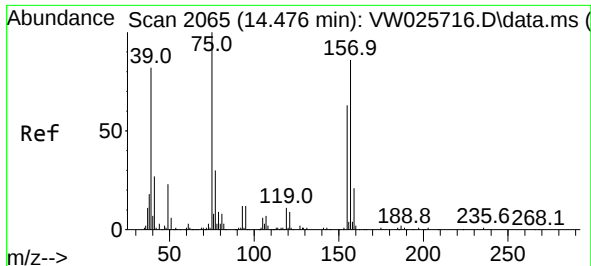
Ion Ratio Lower Upper

146 100

111 41.9 36.2 54.2

148 58.8 50.2 75.4

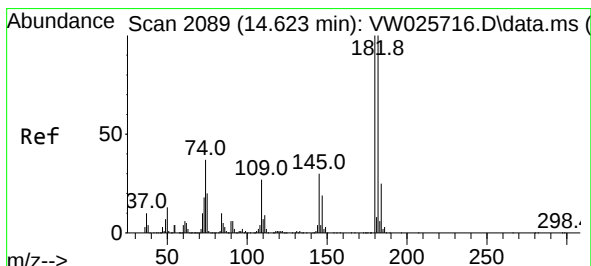
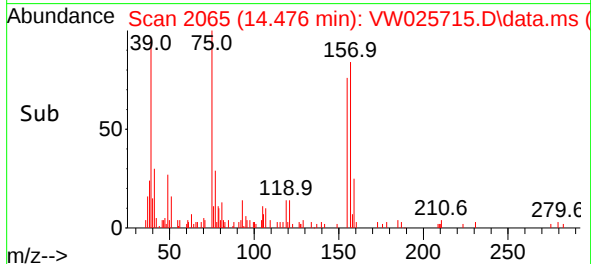
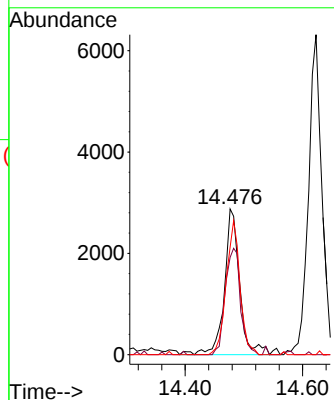
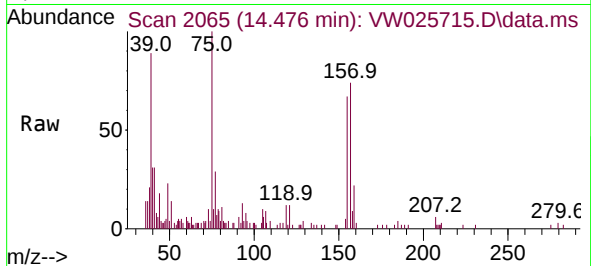




#68
 1,2-Dibromo-3-chloropropane
 Concen: 3.605 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VW025715.D
 Acq: 27 Apr 2023 08:23

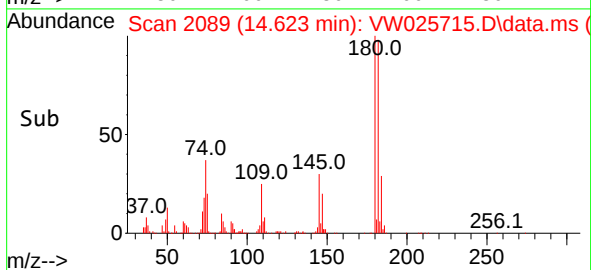
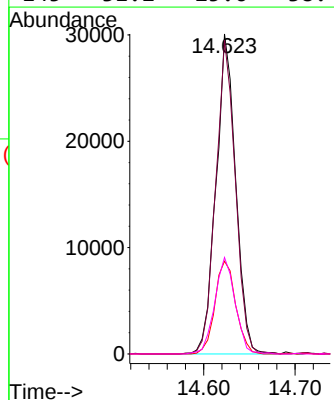
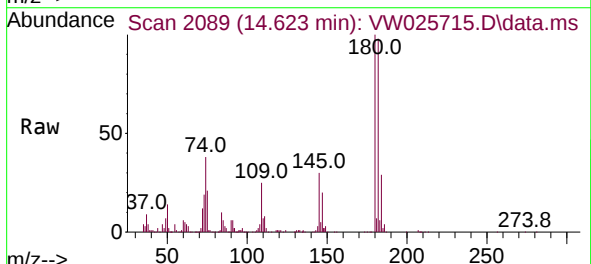
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005444

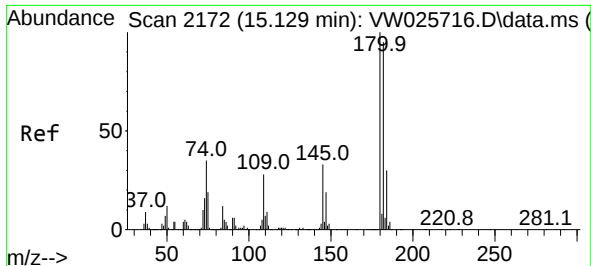
Tgt Ion: 75 Resp: 5274
 Ion Ratio Lower Upper
 75 100
 155 66.8 50.3 75.5
 157 73.7 68.4 102.6



#69
 1,3,5-Trichlorobenzene
 Concen: 3.620 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW025715.D
 Acq: 27 Apr 2023 08:23

Tgt Ion:180 Resp: 45048
 Ion Ratio Lower Upper
 180 100
 182 97.2 79.0 118.4
 184 30.6 23.8 35.8
 145 31.2 25.6 38.4

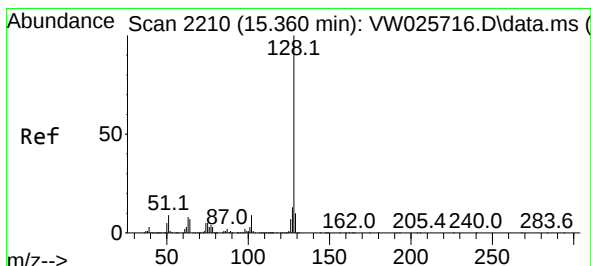
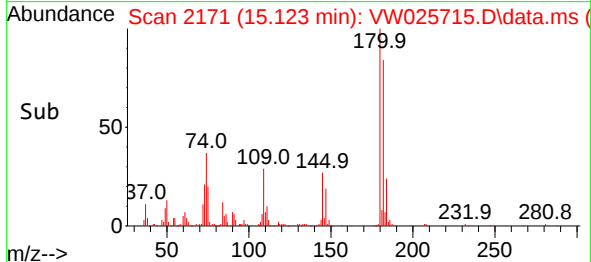
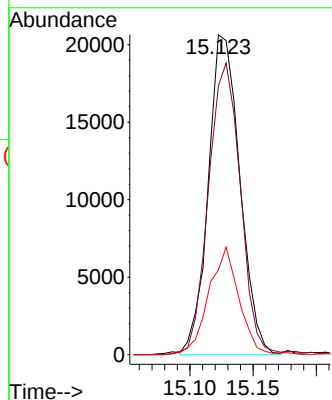
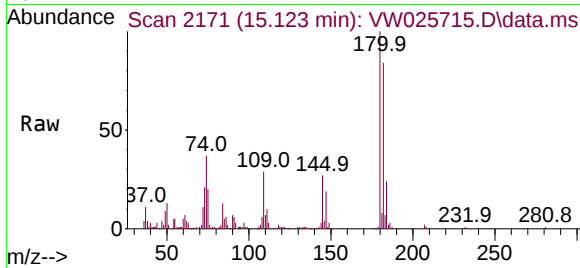




#70
1,2,4-trichlorobenzene
Concen: 3.375 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

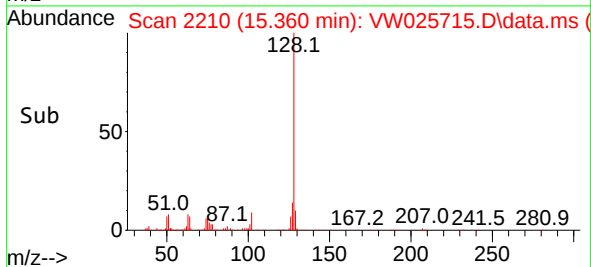
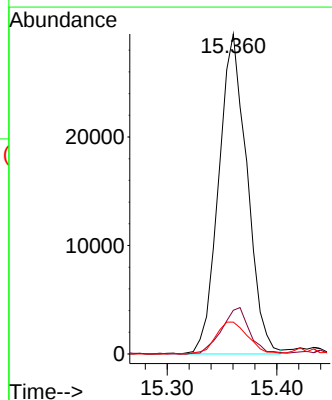
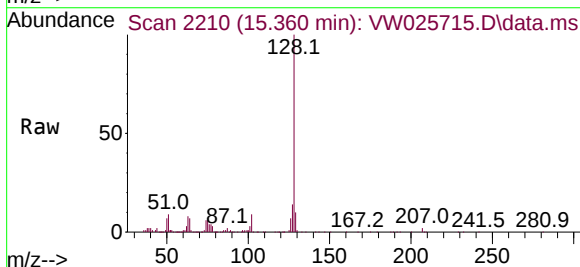
Instrument :
MSVOA_W
ClientSampleId :
VSTD005444

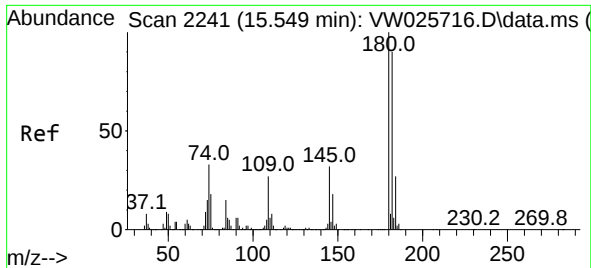
Tgt Ion:180 Resp: 35864
Ion Ratio Lower Upper
180 100
182 91.9 76.7 115.1
145 32.1 26.4 39.6



#71
Naphthalene
Concen: 2.793 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW025715.D
Acq: 27 Apr 2023 08:23

Tgt Ion:128 Resp: 53015
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.2 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 3.302 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025715.D
 Acq: 27 Apr 2023 08:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005444

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.8	75.6	113.4
145	36.7	27.4	41.0

