

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025718.D
 Acq On : 27 Apr 2023 09:34
 Operator : SY/MD
 Sample : VSTD10047
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100447

Quant Time: Apr 28 02:23:12 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	668919	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	601935	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	293869	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	788002	96.571	ug/L	0.00
7) Chloroethane-d5	2.893	69	572569	98.042	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	1804994	96.896	ug/L	0.00
21) 2-Butanone-d5	7.075	46	557481	208.235	ug/L	0.00
24) Chloroform-d	7.648	84	1732175	96.529	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	934952	95.571	ug/L	0.00
32) Benzene-d6	8.276	84	3500248	95.780	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	1137598	96.246	ug/L	0.00
41) Toluene-d8	10.325	98	3159262	97.790	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	476503	103.444	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	410879	223.802	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	832027	95.506	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	952152	94.572	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	922778	112.135	ug/L	99
3) Chloromethane	2.229	50	1166627	104.267	ug/L	99
5) Vinyl chloride	2.375	62	1155306	98.204	ug/L	98
6) Bromomethane	2.789	94	612634	98.428	ug/L	99
8) Chloroethane	2.930	64	579046	96.628	ug/L	97
9) Trichlorofluoromethane	3.265	101	947529	107.152	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	901566	97.986	ug/L	98
12) 1,1-Dichloroethene	4.045	96	879069	97.551	ug/L	95
13) Acetone	4.118	43	412695	165.352	ug/L	97
14) Carbon disulfide	4.393	76	3075134	97.145	ug/L	99
15) Methyl Acetate	4.667	43	476006	96.379	ug/L	100
16) Methylene chloride	4.917	84	900137	71.661	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	928689	97.504	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	1355131	98.866	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1863379	95.994	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	987653	98.856	ug/L #	98
22) 2-Butanone	7.167	43	638735	201.844	ug/L	99
23) Bromochloromethane	7.514	128	390306	94.073	ug/L	97
25) Chloroform	7.679	83	1676174	94.015	ug/L	98
27) 1,2-Dichloroethane	8.398	62	1142309	93.529	ug/L	99
29) Cyclohexane	7.959	56	1910852	102.039	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	1360540	93.110	ug/L	98
31) Carbon tetrachloride	8.069	117	1248591	93.902	ug/L	98
33) Benzene	8.325	78	3839087	93.455	ug/L	100
34) Trichloroethene	9.093	95	996975	93.959	ug/L	97
35) Methylcyclohexane	9.337	83	1863702	98.824	ug/L	100
37) 1,2-Dichloropropane	9.368	63	1040538	93.972	ug/L	100
38) Bromodichloromethane	9.648	83	1204923	96.253	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	1622649	102.333	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	1350653	202.226	ug/L	100
42) Toluene	10.386	91	4009544	95.672	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	1340937	102.936	ug/L	99

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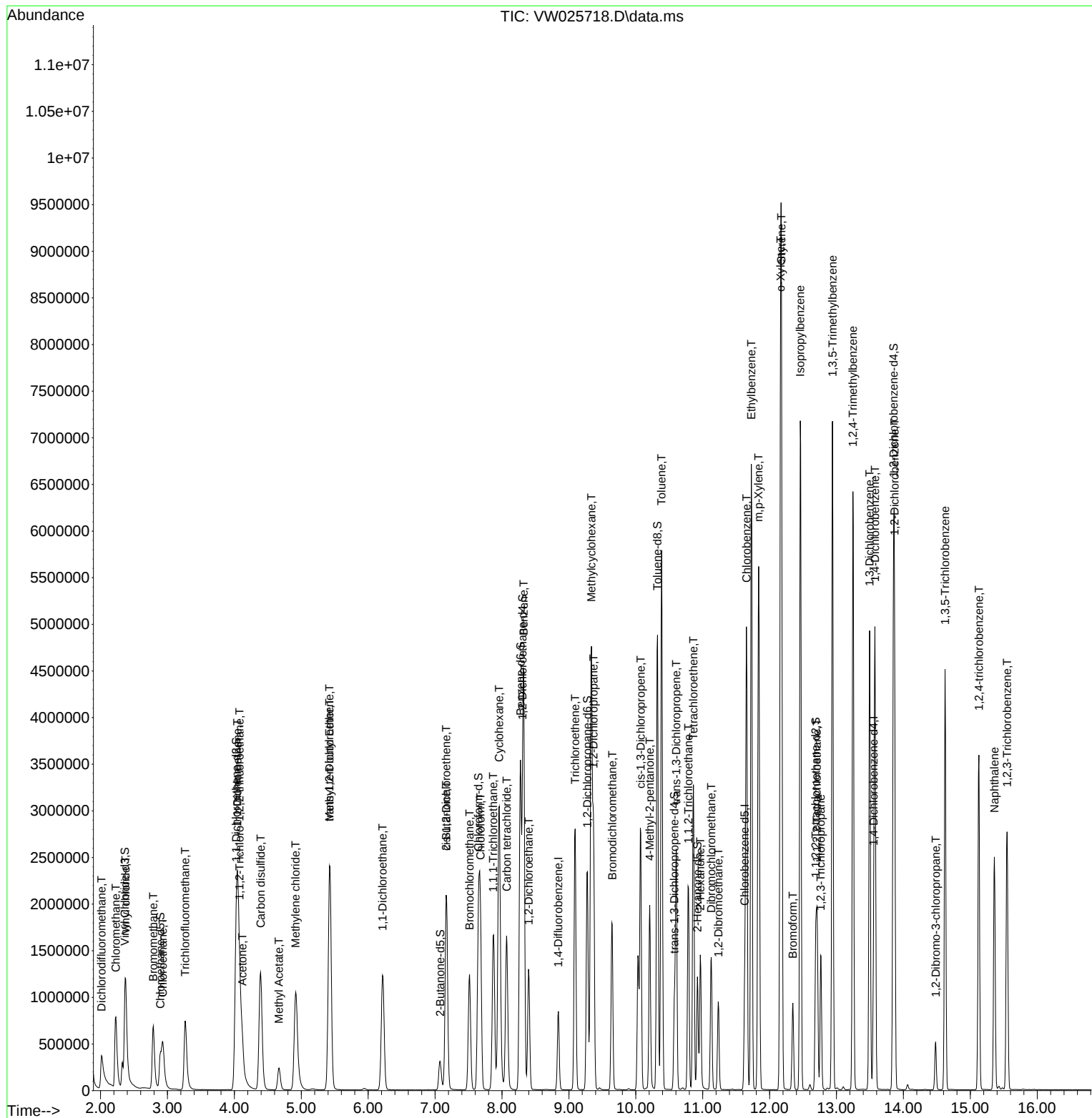
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	670451	93.445	ug/L	99
46) Tetrachloroethene	10.861	164	714339	95.065	ug/L	93
48) 2-Hexanone	10.965	43	954783	203.006	ug/L	98
49) Dibromochloromethane	11.129	129	719061	96.758	ug/L	93
50) 1,2-Dibromoethane	11.233	107	636875	96.759	ug/L #	99
51) Chlorobenzene	11.654	112	2396834	92.932	ug/L	99
52) Ethylbenzene	11.727	91	4576745	97.386	ug/L	97
53) m,p-Xylene	11.837	106	1711492	98.648	ug/L	93
54) o-Xylene	12.166	106	1599102	98.849	ug/L	95
55) Styrene	12.178	104	2772343	101.093	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	823613	93.730	ug/L	97
59) Bromoform	12.349	173	407748	100.140	ug/L	99
60) Isopropylbenzene	12.458	105	4507673	99.873	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	595967	93.247	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	3682990	103.782	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	3317164	103.482	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	1817430	95.417	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	1748753	90.553	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	1564668	93.109	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	137334	94.280	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.623	180	1198099	96.683	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	1001327	94.632	ug/L	99
71) Naphthalene	15.360	128	2023109	107.047	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	880561	94.282	ug/L	99

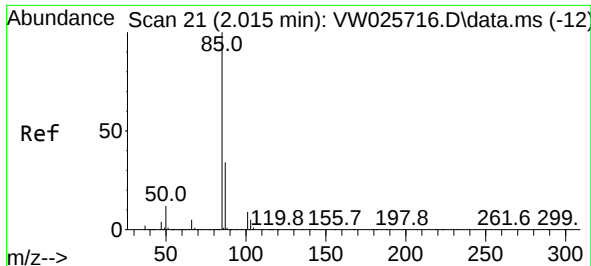
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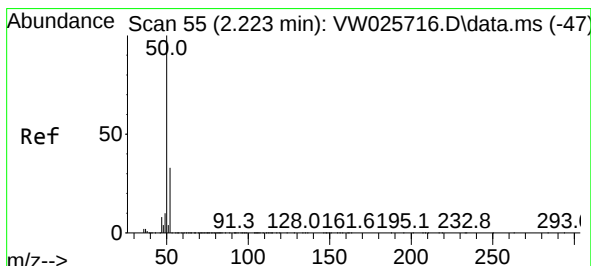
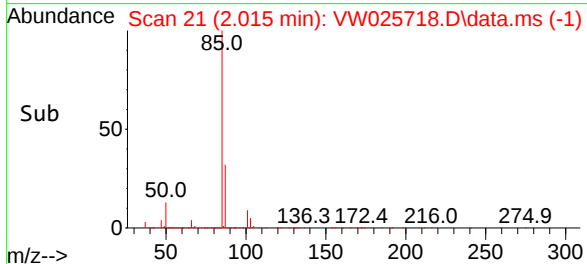
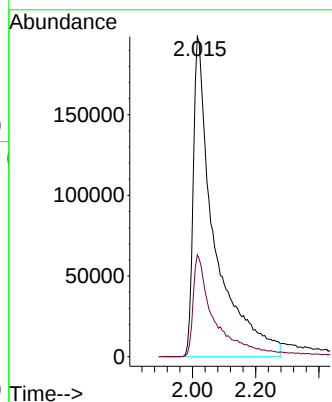
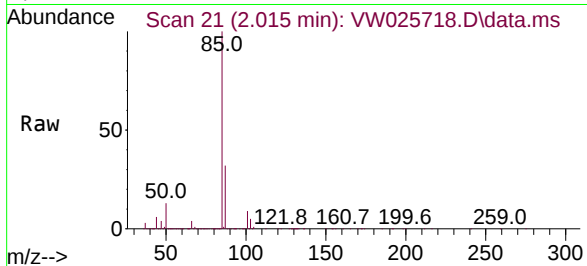




#2
 Dichlorodifluoromethane
 Concen: 112.135 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025718.D
 Acq: 27 Apr 2023 09:34

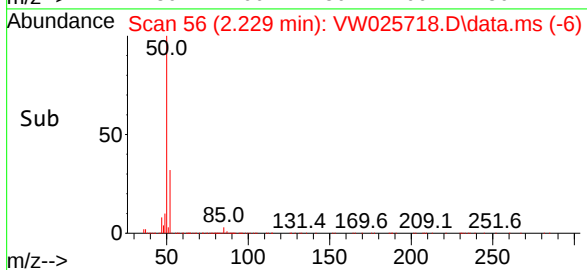
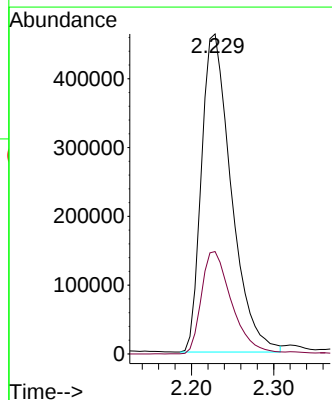
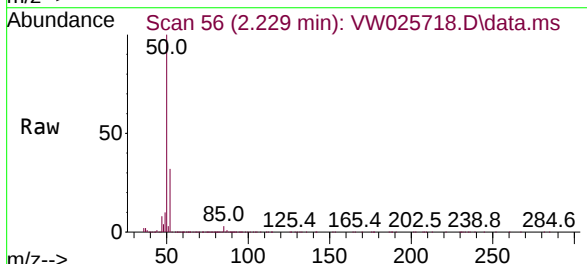
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100447

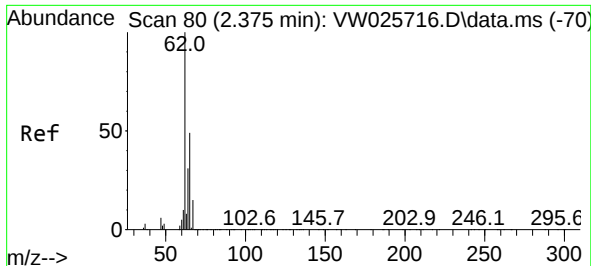
Tgt Ion: 85 Resp: 922778
 Ion Ratio Lower Upper
 85 100
 87 27.1 21.3 31.9



#3
 Chloromethane
 Concen: 104.267 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025718.D
 Acq: 27 Apr 2023 09:34

Tgt Ion: 50 Resp: 1166627
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.9 42.5

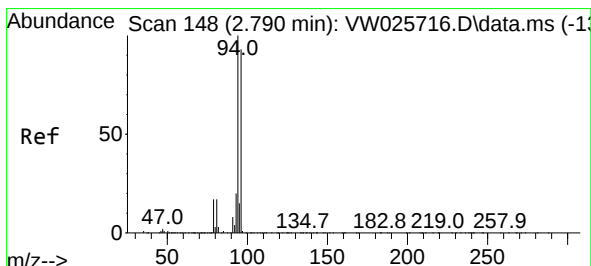
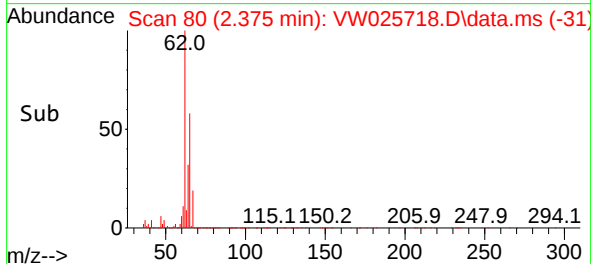
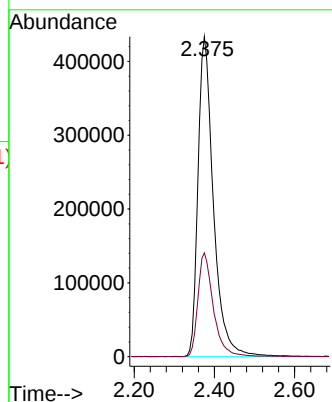
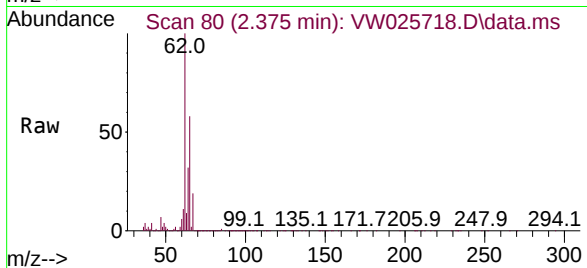




#5
 Vinyl chloride
 Concen: 98.204 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025718.D
 Acq: 27 Apr 2023 09:34

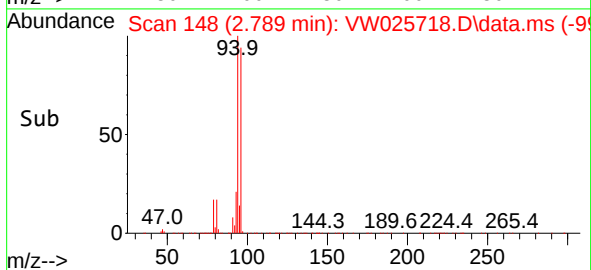
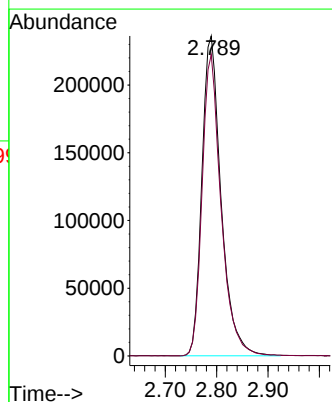
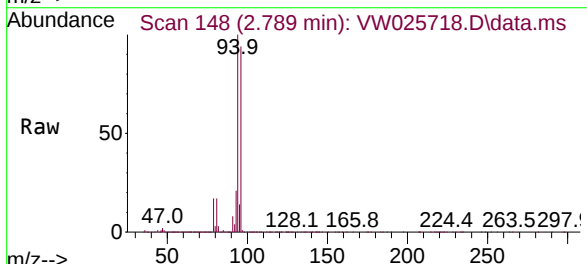
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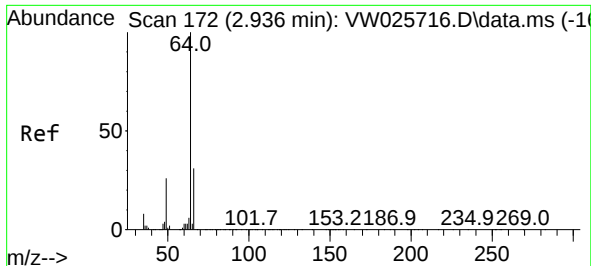
Tgt Ion: 62 Resp: 1155306
 Ion Ratio Lower Upper
 62 100
 64 32.5 21.8 40.6



#6
 Bromomethane
 Concen: 98.428 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025718.D
 Acq: 27 Apr 2023 09:34

Tgt Ion: 94 Resp: 612634
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.2 121.2

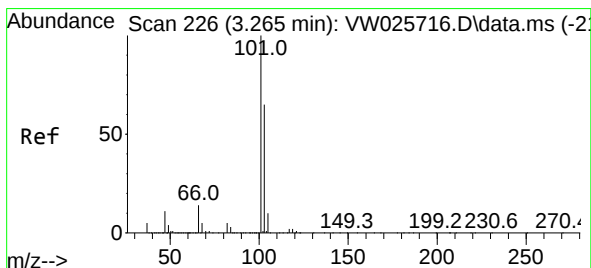
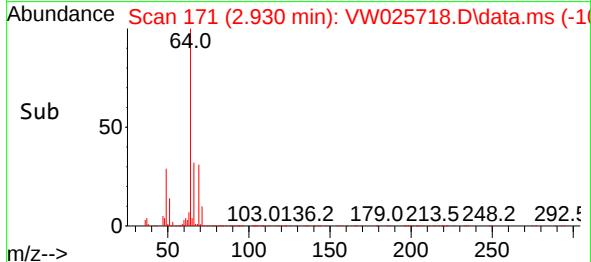
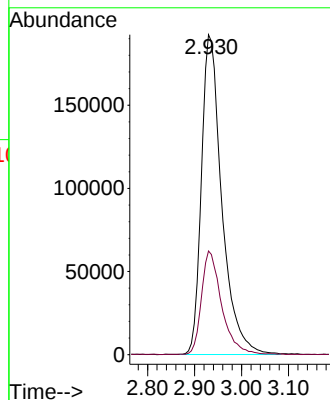
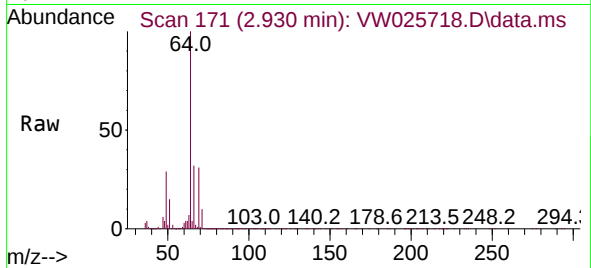




#8
Chloroethane
Concen: 96.628 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

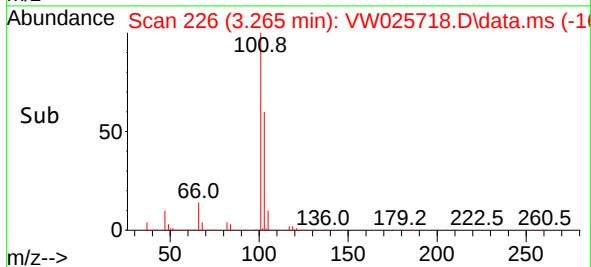
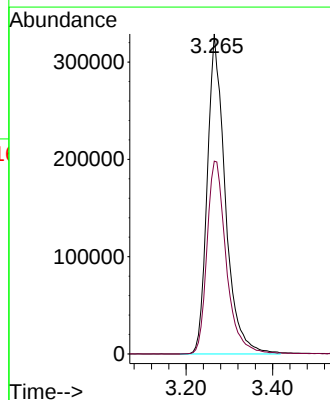
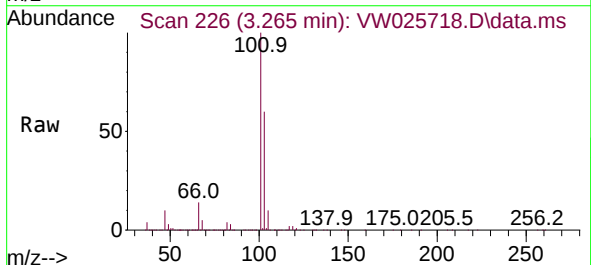
Instrument :
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VSTD100447

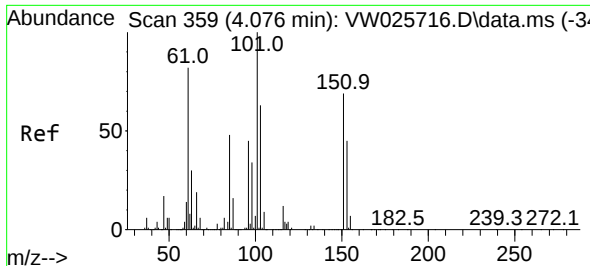
Tgt Ion: 64 Resp: 579046
Ion Ratio Lower Upper
64 100
66 32.4 21.5 39.9



#9
Trichlorofluoromethane
Concen: 107.152 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 101 Resp: 947529
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

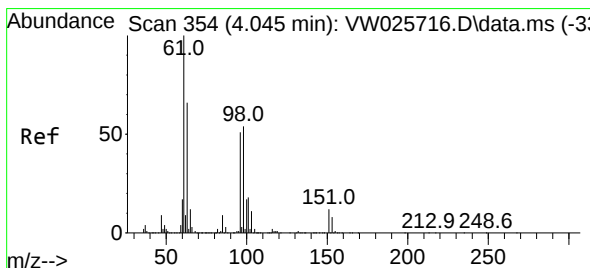
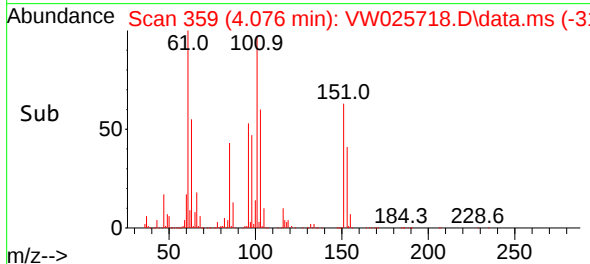
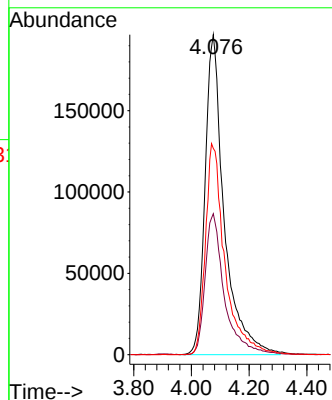
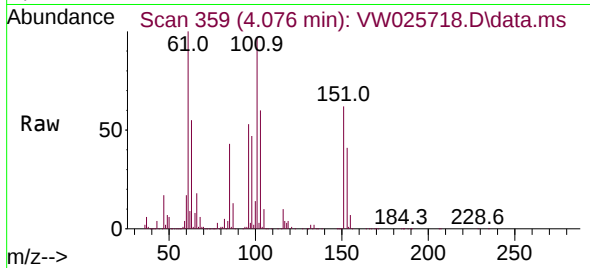




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 97.986 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. -0.000 min
 Lab File: VW025718.D
 Acq: 27 Apr 2023 09:34

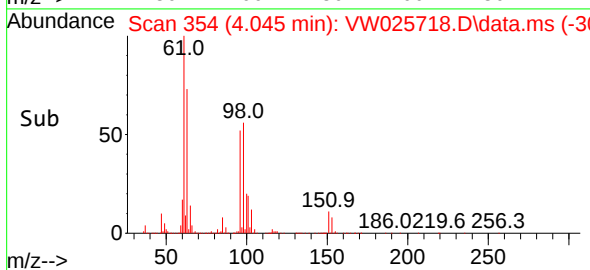
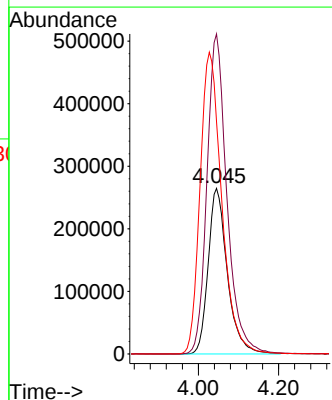
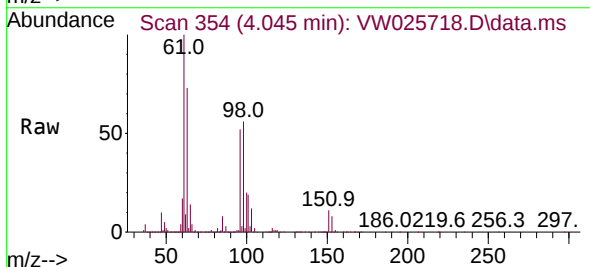
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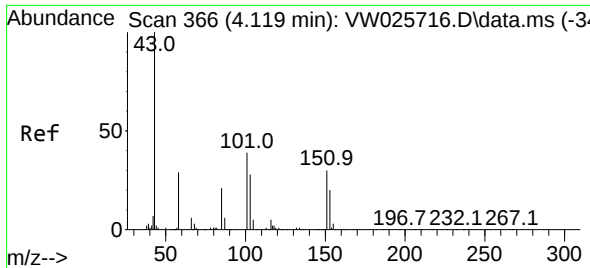
Tgt Ion: 101 Resp: 901566
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.9 53.9
 151 65.1 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 97.551 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025718.D
 Acq: 27 Apr 2023 09:34

Tgt Ion: 96 Resp: 879069
 Ion Ratio Lower Upper
 96 100
 61 193.2 137.9 256.1
 63 140.4 90.5 168.1

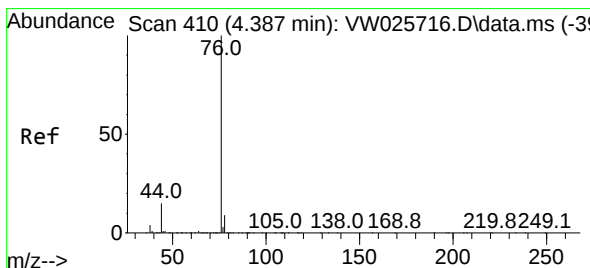
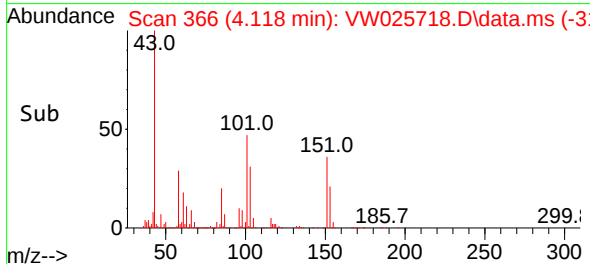
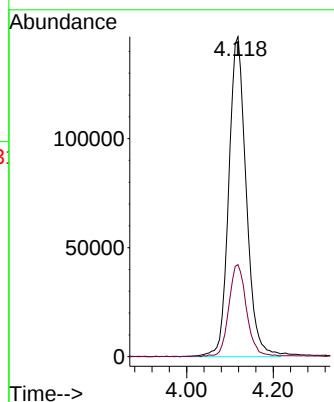
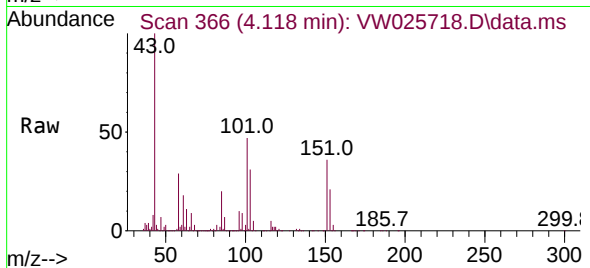




#13
Acetone
Concen: 165.352 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

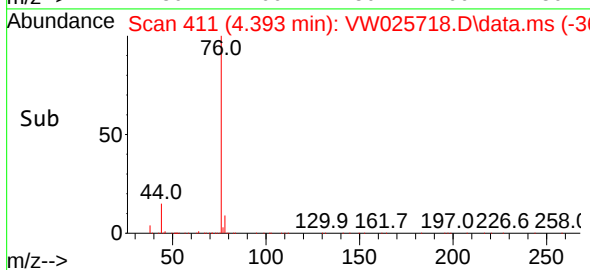
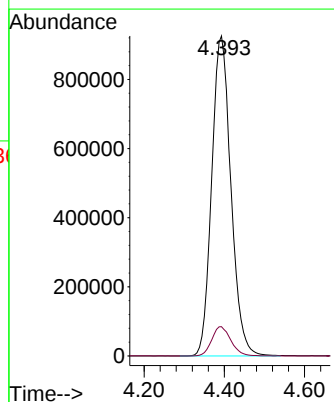
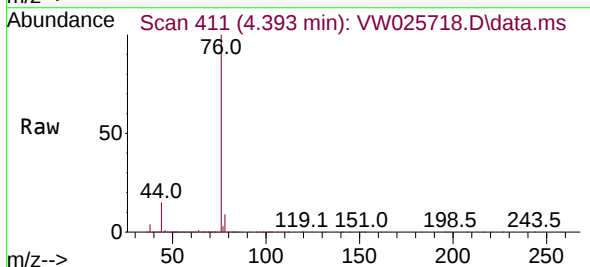
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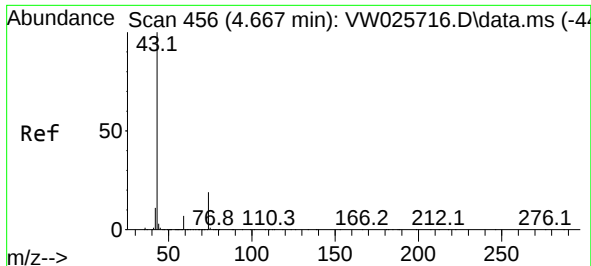
Tgt Ion: 43 Resp: 412695
Ion Ratio Lower Upper
43 100
58 27.9 0.0 58.6



#14
Carbon disulfide
Concen: 97.145 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Acq: 27 Apr 2023 09:34

Tgt Ion: 76 Resp: 3075134
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

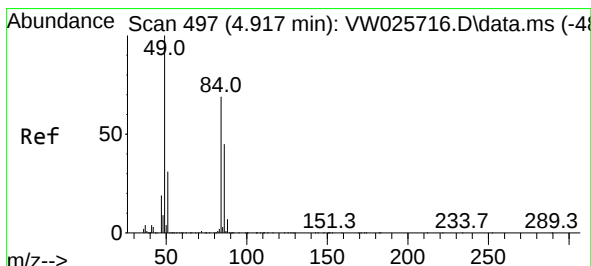
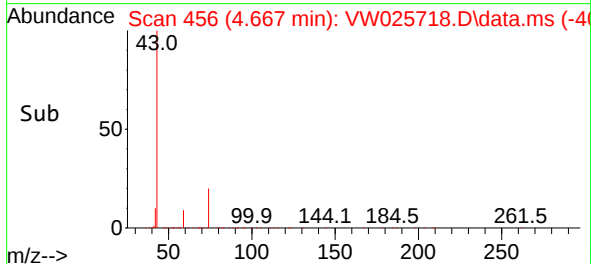
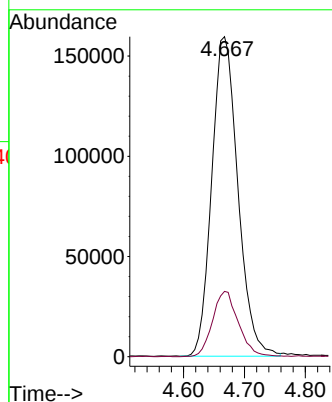
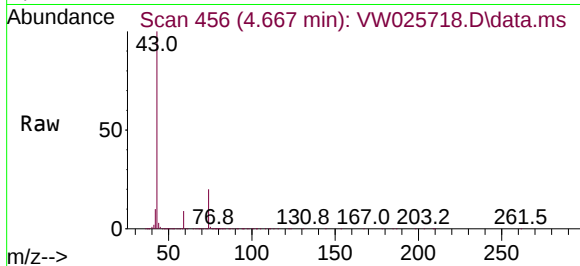




#15
Methyl Acetate
Concen: 96.379 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

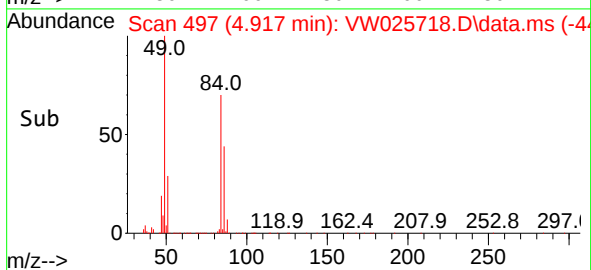
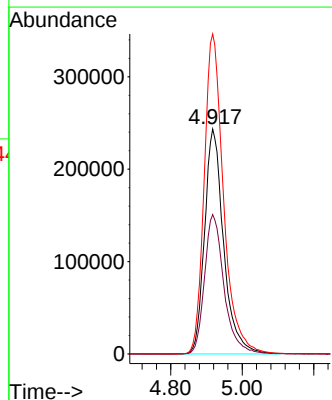
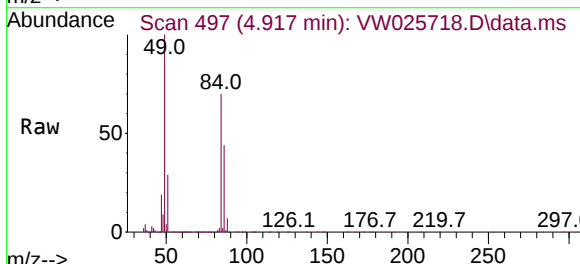
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

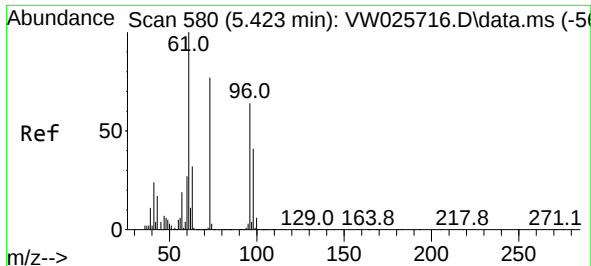
Tgt Ion: 43 Resp: 476006
Ion Ratio Lower Upper
43 100
74 20.2 16.1 24.1



#16
Methylene chloride
Concen: 71.661 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 84 Resp: 900137
Ion Ratio Lower Upper
84 100
86 61.9 46.3 85.9
49 142.2 101.9 189.3

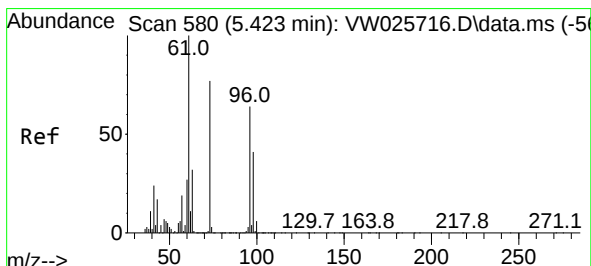
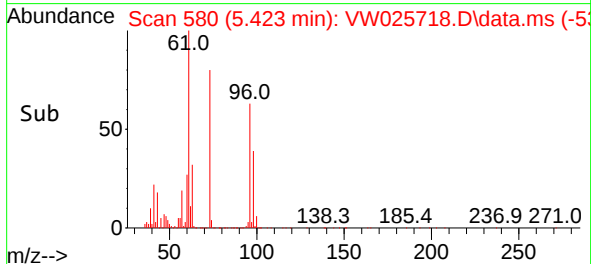
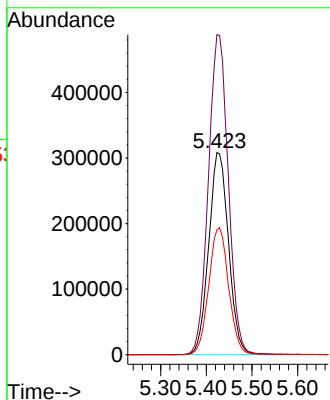
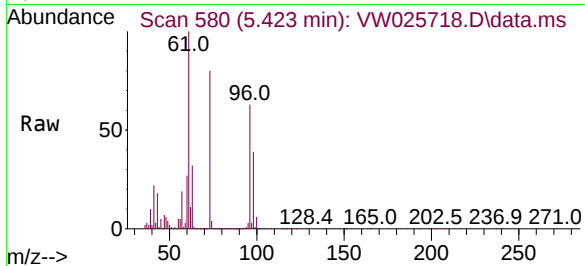




#17
trans-1,2-Dichloroethene
Concen: 97.504 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

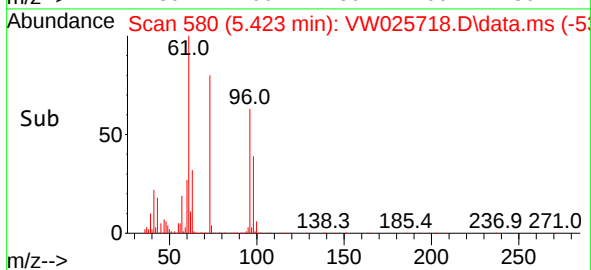
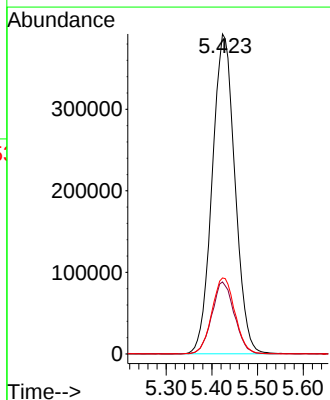
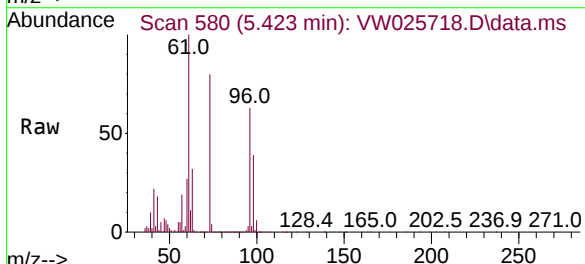
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

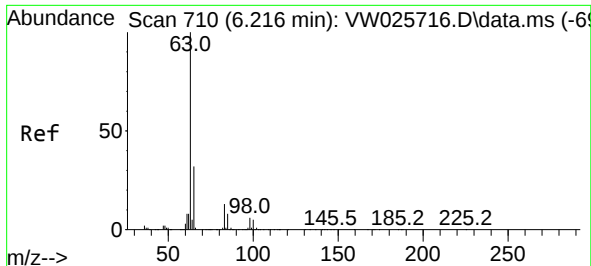
Tgt Ion: 96 Resp: 928689
Ion Ratio Lower Upper
96 100
61 158.3 110.2 204.8
98 61.8 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 98.866 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 73 Resp: 1355131
Ion Ratio Lower Upper
73 100
43 22.3 18.2 27.4
57 24.0 19.3 28.9





#19

1,1-Dichloroethane

Concen: 95.994 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD100447

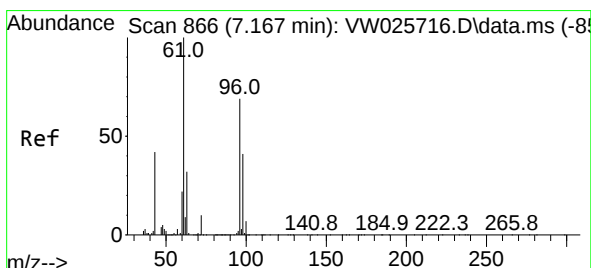
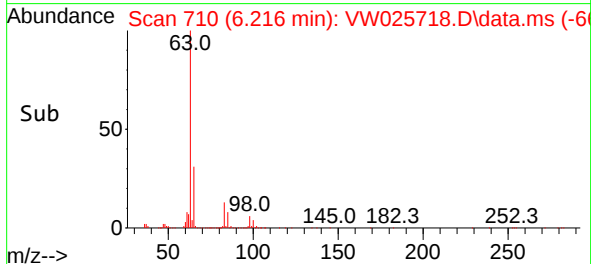
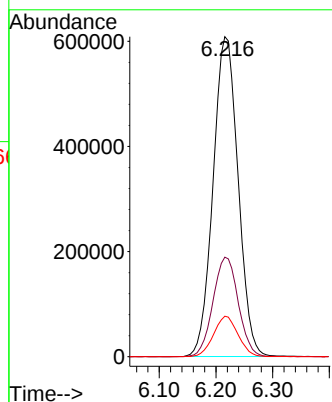
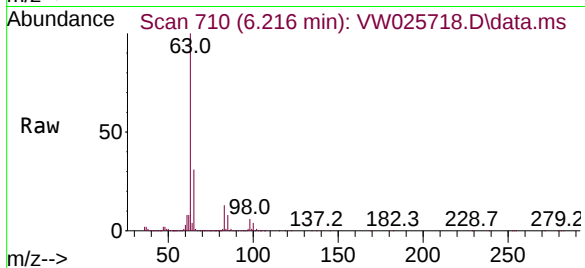
Tgt Ion: 63 Resp: 1863379

Ion Ratio Lower Upper

63 100

65 31.1 22.5 41.9

83 12.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 98.856 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

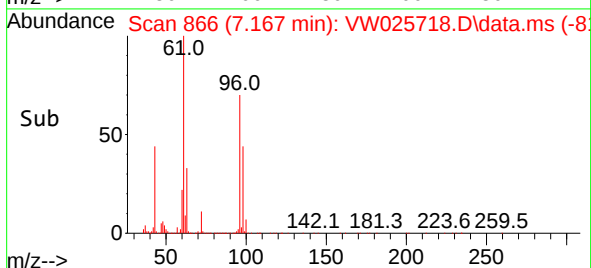
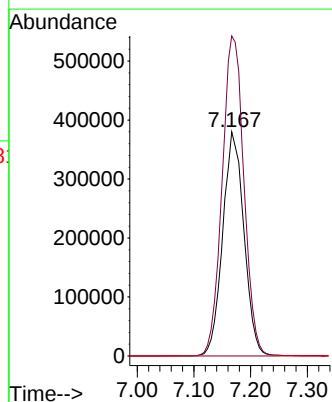
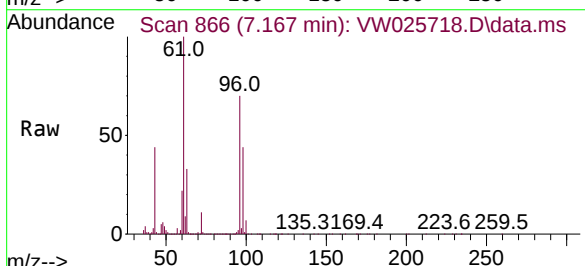
Tgt Ion: 96 Resp: 987653

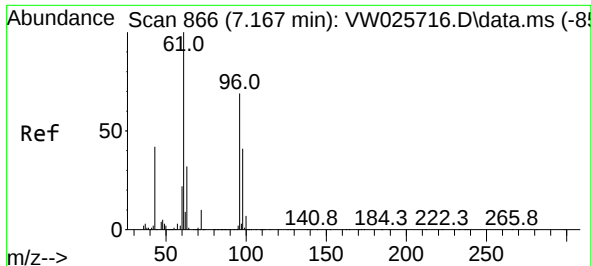
Ion Ratio Lower Upper

96 100

61 142.8 101.6 188.6

68 0.0 0.1 0.1#

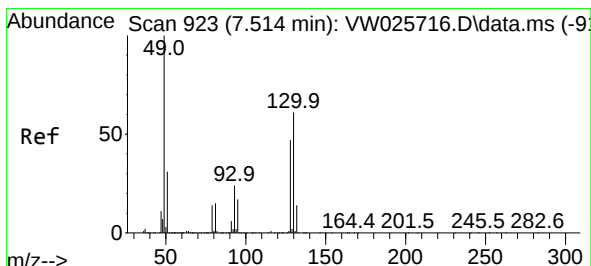
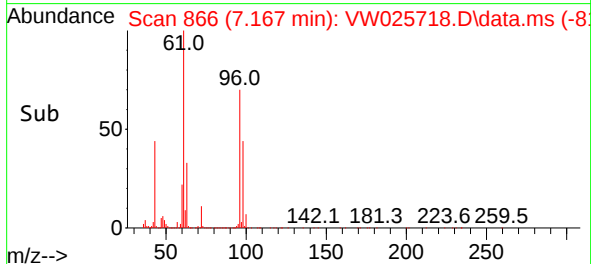
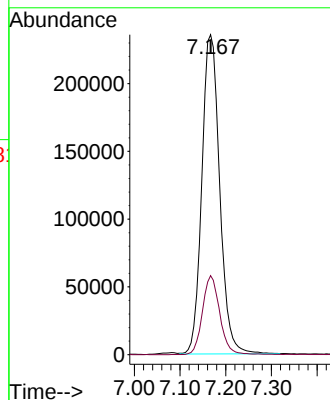
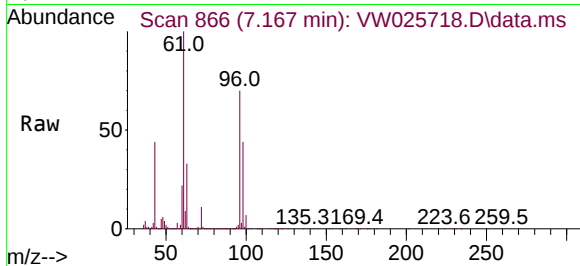




#22
2-Butanone
Concen: 201.844 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

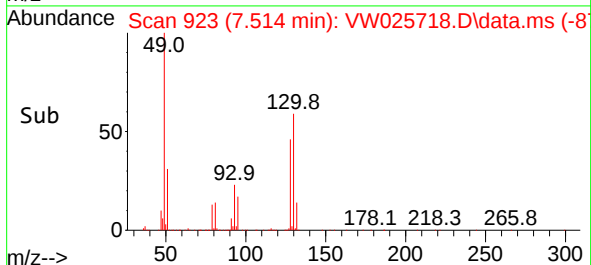
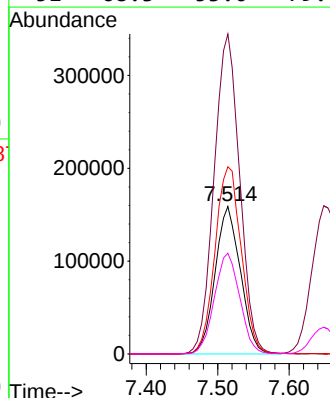
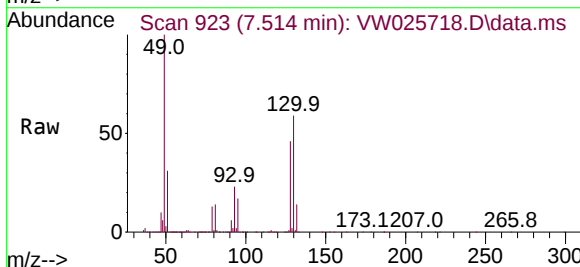
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

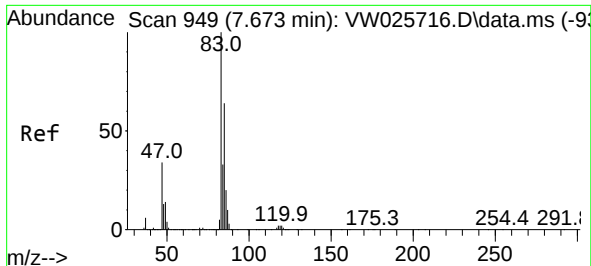
Tgt Ion: 43 Resp: 638735
Ion Ratio Lower Upper
43 100
72 23.8 11.7 35.0



#23
Bromochloromethane
Concen: 94.073 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 128 Resp: 390306
Ion Ratio Lower Upper
128 100
49 216.9 148.0 274.8
130 126.9 90.3 167.7
51 68.3 53.0 79.6

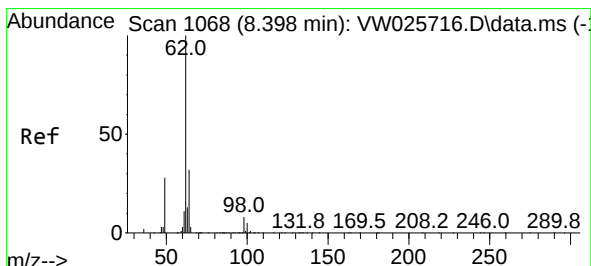
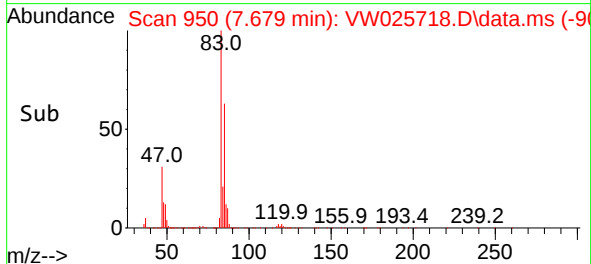
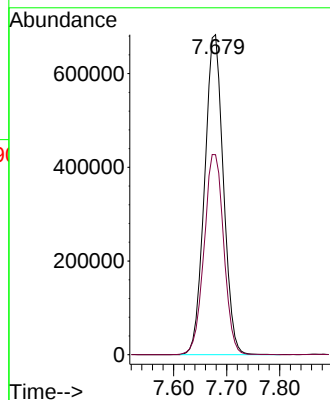
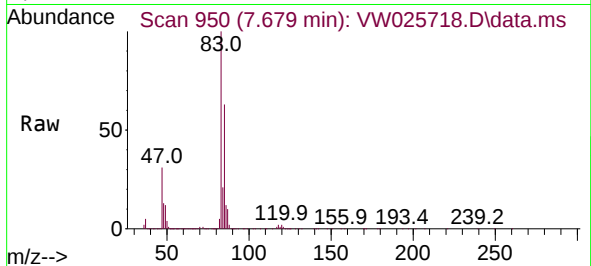




#25
Chloroform
Concen: 94.015 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

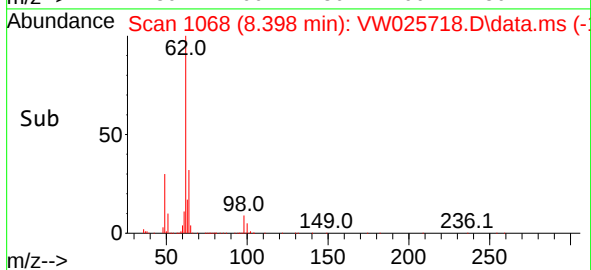
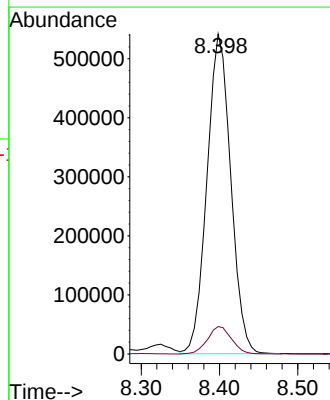
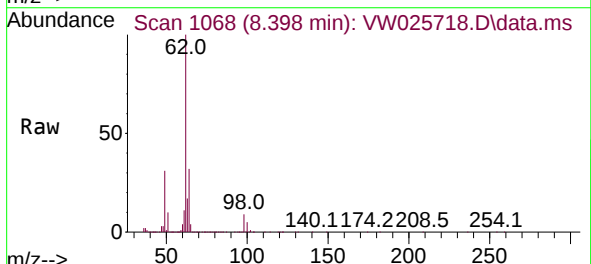
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

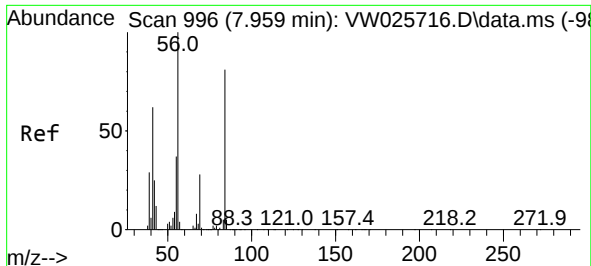
Tgt Ion: 83 Resp: 1676174
Ion Ratio Lower Upper
83 100
85 62.5 44.9 83.5



#27
1,2-Dichloroethane
Concen: 93.529 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 62 Resp: 1142309
Ion Ratio Lower Upper
62 100
98 8.6 6.5 9.7





#29

Cyclohexane

Concen: 102.039 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

Instrument :

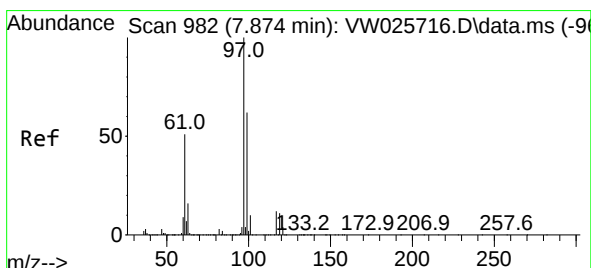
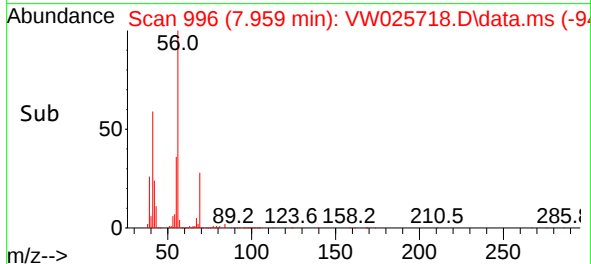
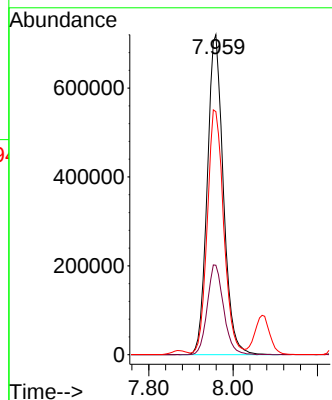
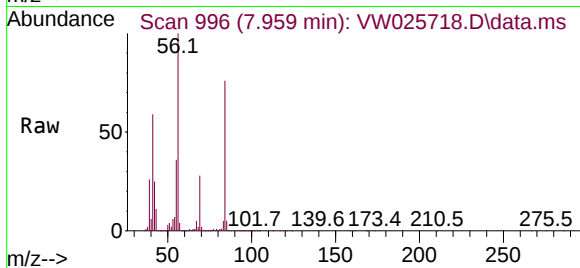
MSVOA_W

ClientSampleId :

VSTD100447

Tgt Ion: 56 Resp: 1910852

Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.6	34.0
84	78.2	62.2	93.2



#30

1,1,1-Trichloroethane

Concen: 93.110 ug/L

RT: 7.868 min Scan# 981

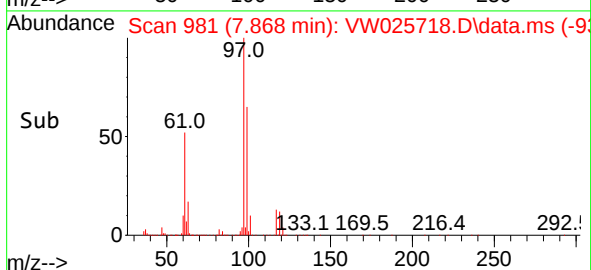
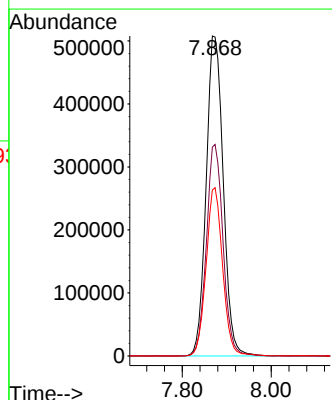
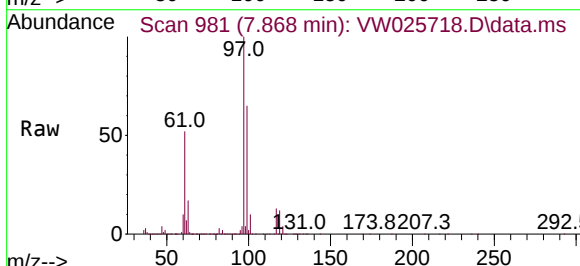
Delta R.T. -0.006 min

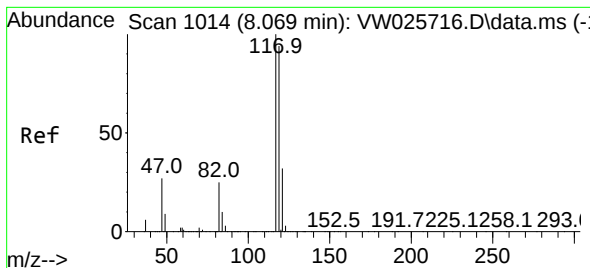
Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

Tgt Ion: 97 Resp: 1360540

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	51.0	42.2	63.2

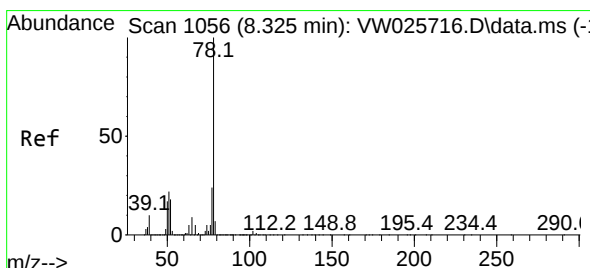
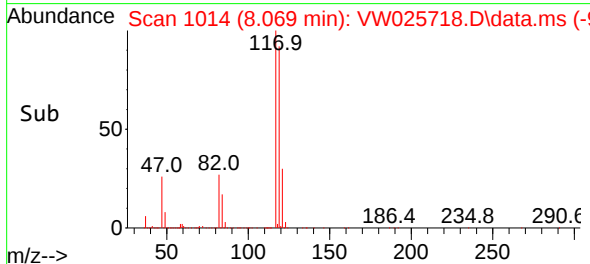
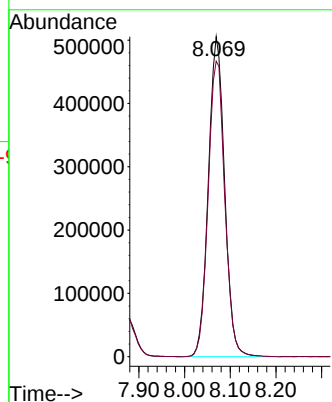
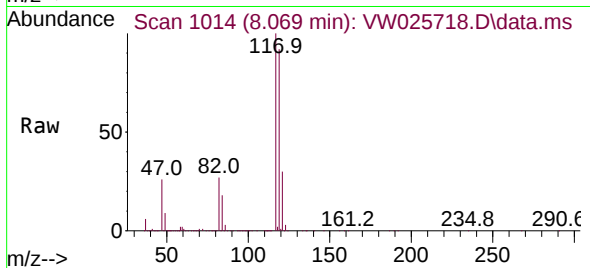




#31
Carbon tetrachloride
Concen: 93.902 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

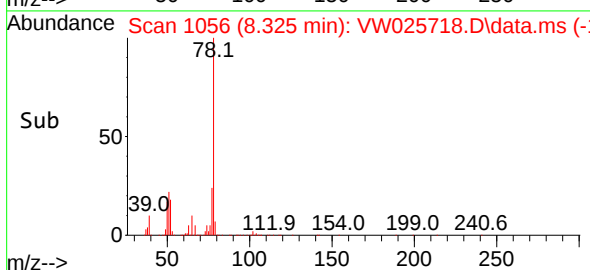
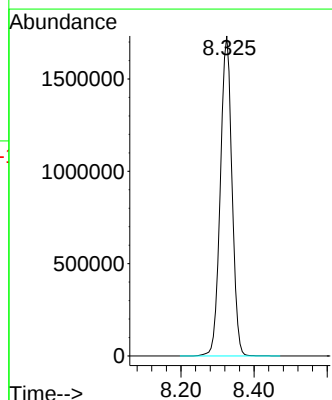
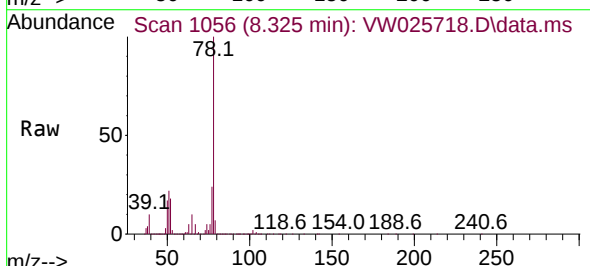
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

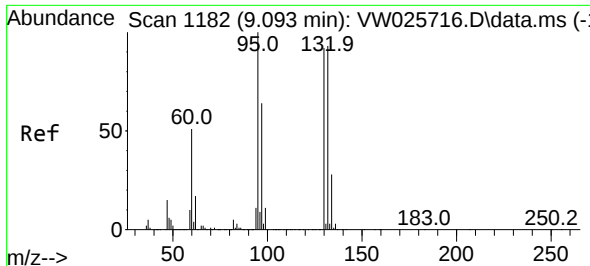
Tgt Ion:117 Resp: 1248591
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.2



#33
Benzene
Concen: 93.455 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 78 Resp: 3839087



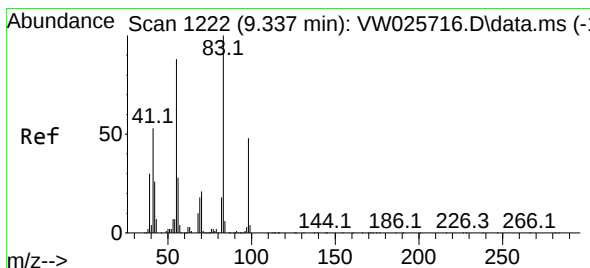
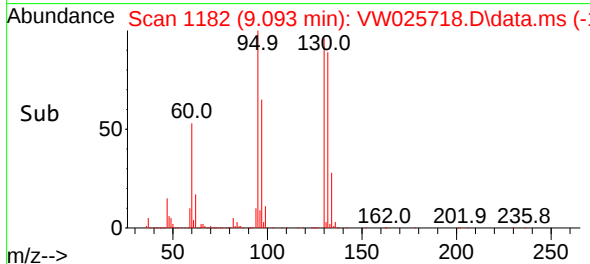
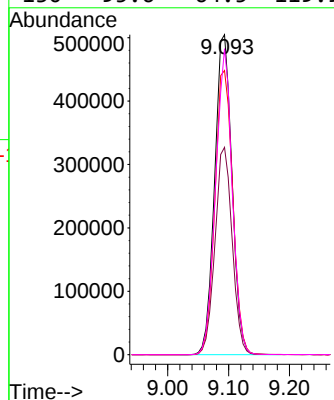
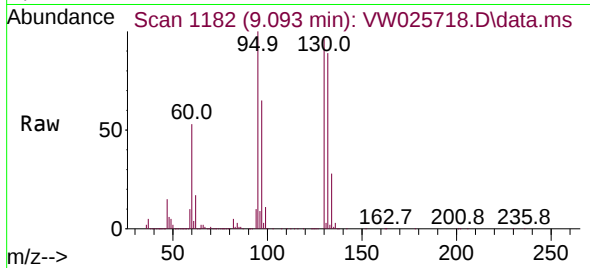


#34
Trichloroethene
Concen: 93.959 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

Tgt Ion: 95 Resp: 996975

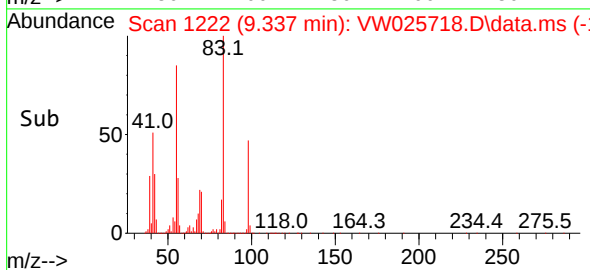
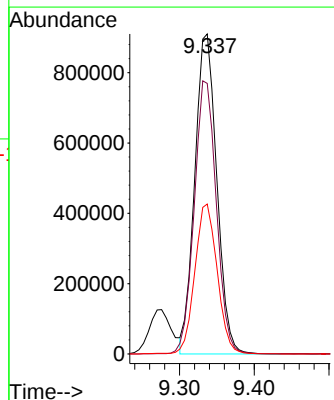
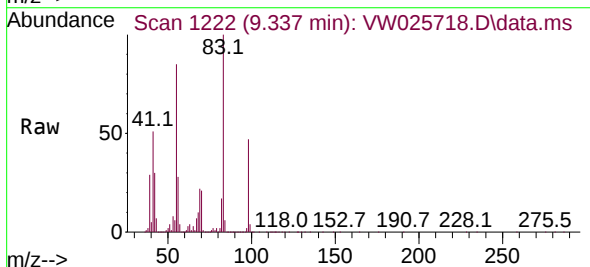
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.7	83.1
132	88.8	65.0	120.6
130	95.6	64.5	119.9

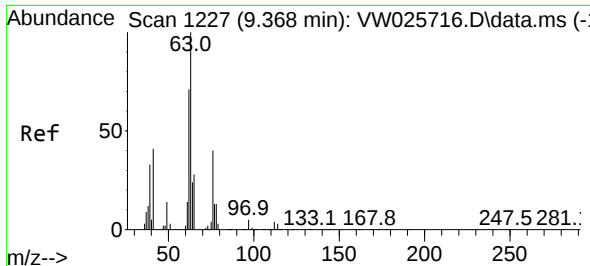


#35
Methylcyclohexane
Concen: 98.824 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 83 Resp: 1863702

Ion	Ratio	Lower	Upper
83	100		
55	85.9	68.7	103.1
98	47.5	37.4	56.2

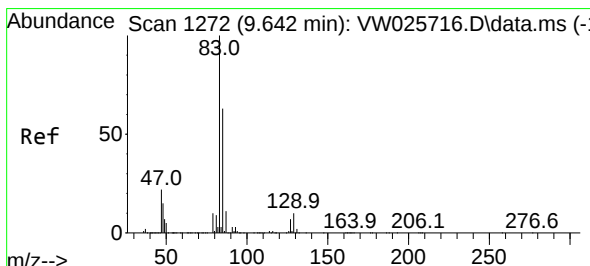
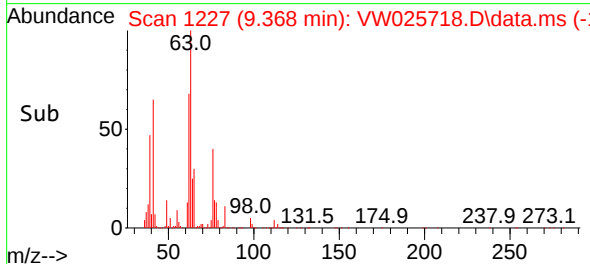
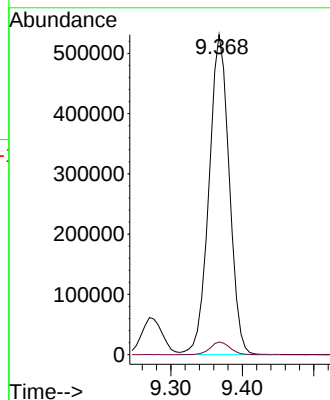
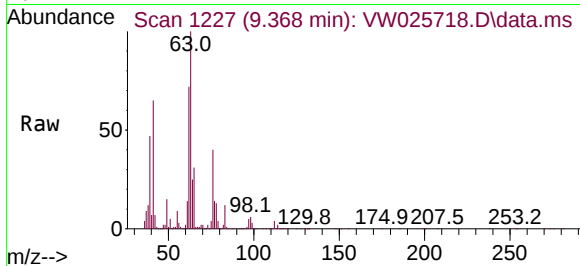




#37
1,2-Dichloropropane
Concen: 93.972 ug/L
RT: 9.368 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

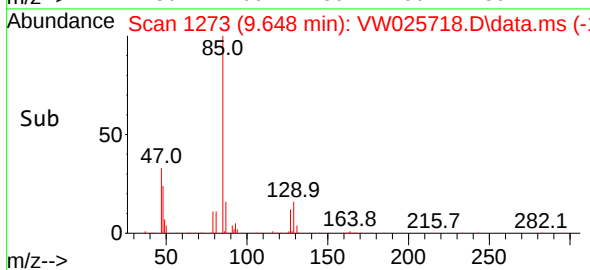
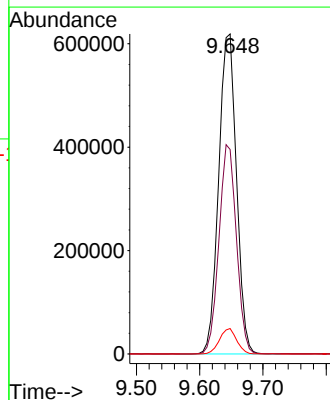
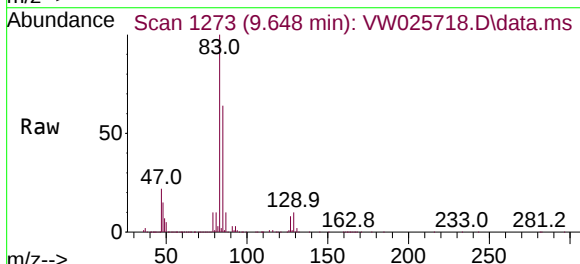
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

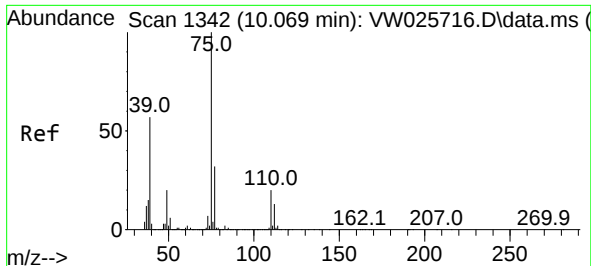
Tgt Ion: 63 Resp: 1040538
Ion Ratio Lower Upper
63 100
112 3.9 3.2 4.8



#38
Bromodichloromethane
Concen: 96.253 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 83 Resp: 1204923
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4
127 7.9 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 102.333 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

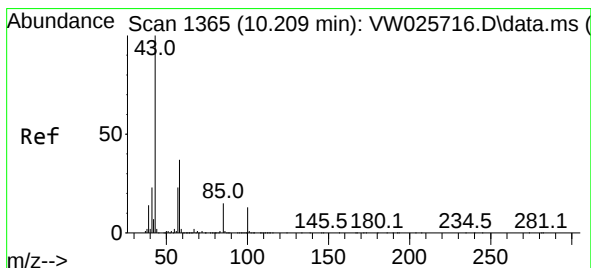
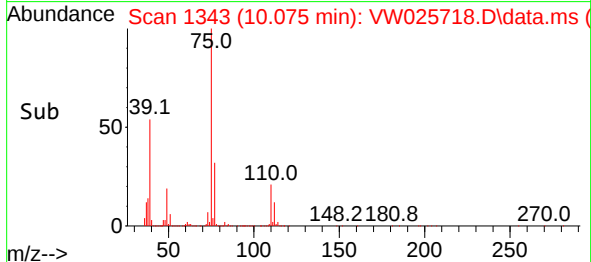
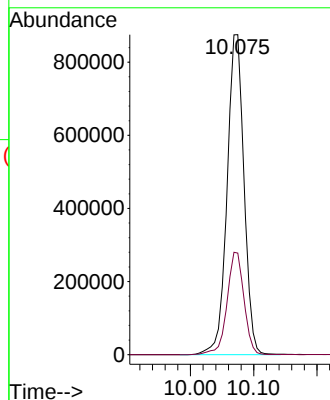
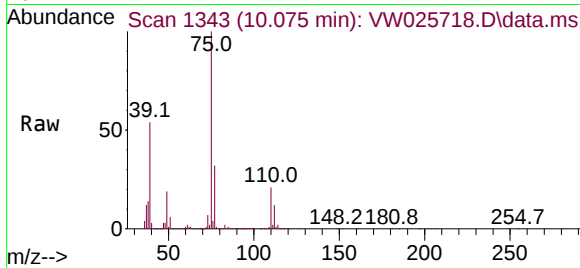
VSTD100447

Tgt Ion: 75 Resp: 1622649

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 202.226 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

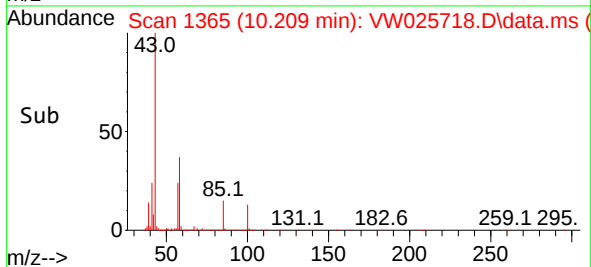
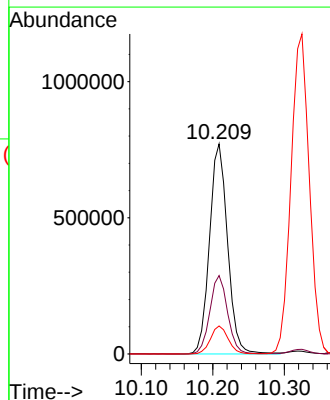
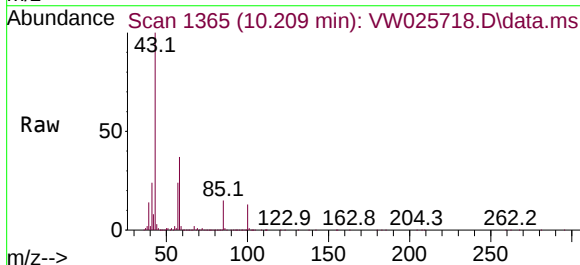
Tgt Ion: 43 Resp: 1350653

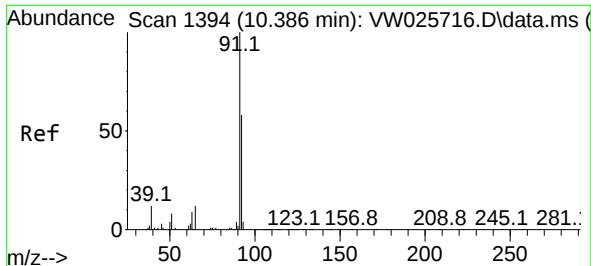
Ion Ratio Lower Upper

43 100

58 36.8 29.4 44.0

100 13.1 10.2 15.4

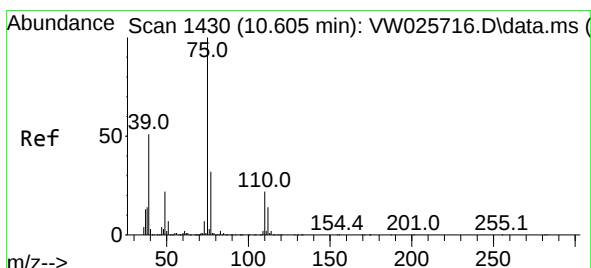
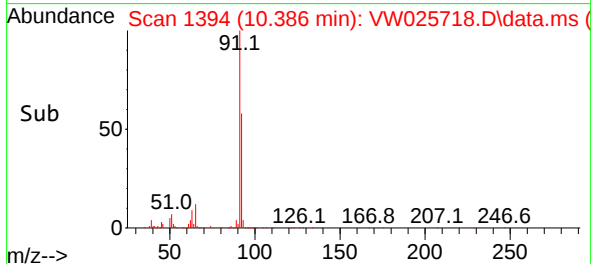
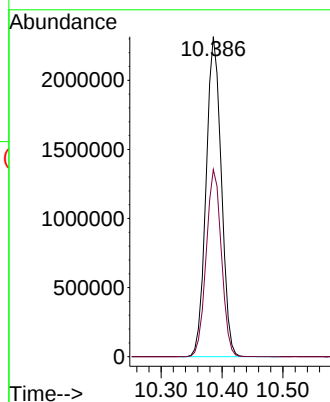
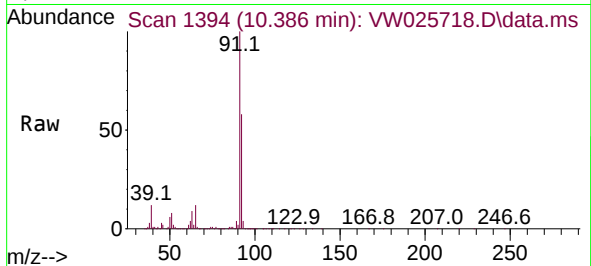




#42
Toluene
Concen: 95.672 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

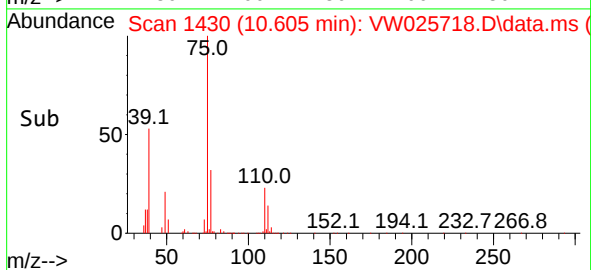
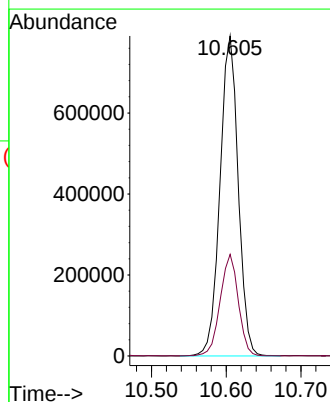
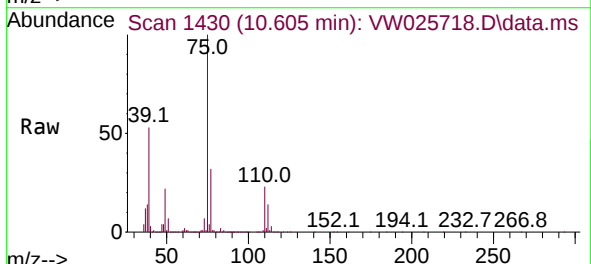
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

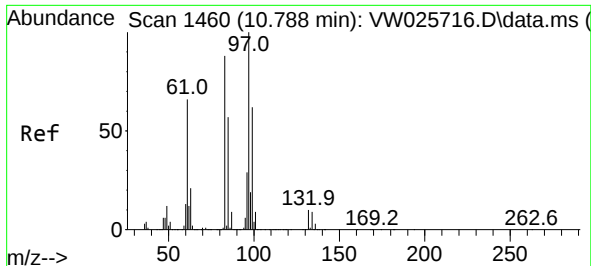
Tgt Ion: 91 Resp: 4009544
Ion Ratio Lower Upper
91 100
92 58.5 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 102.936 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 75 Resp: 1340937
Ion Ratio Lower Upper
75 100
77 31.8 22.5 41.7



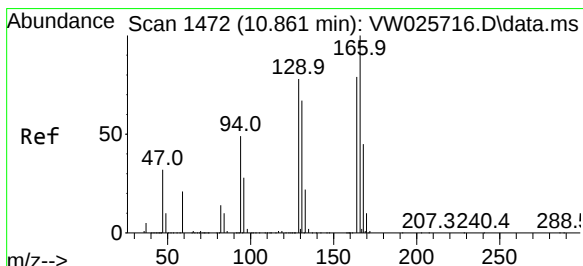
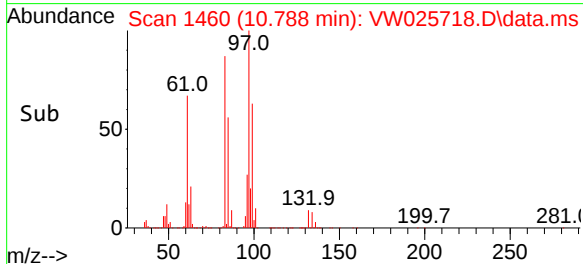
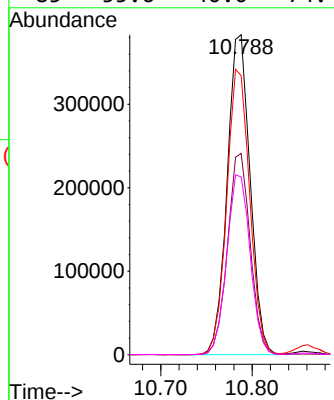
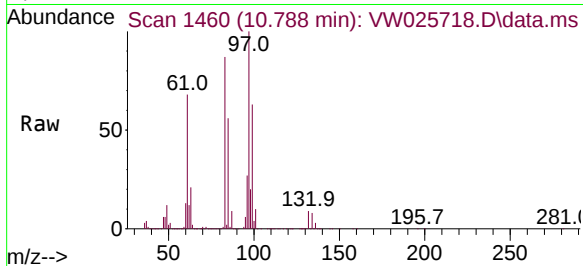


#45
1,1,2-Trichloroethane
Concen: 93.445 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

Tgt Ion: 97 Resp: 670451

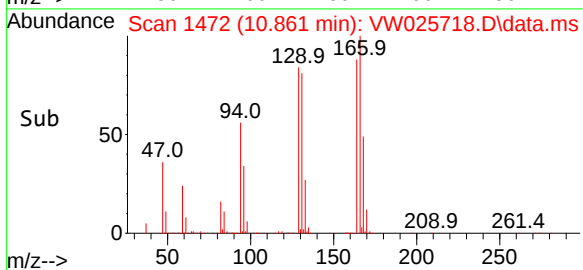
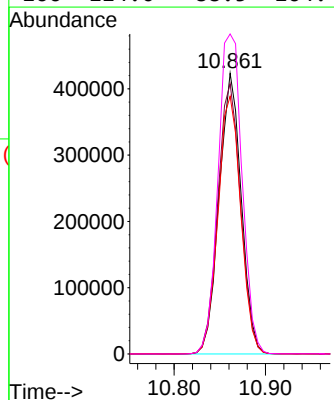
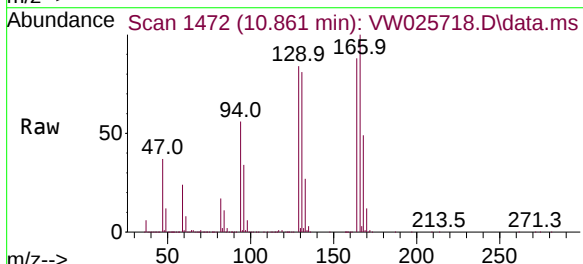
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.6	81.0
83	87.2	61.5	114.1
85	55.6	40.0	74.4

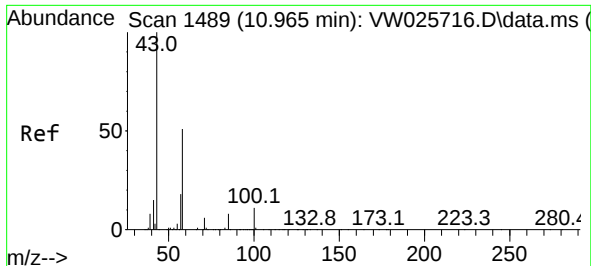


#46
Tetrachloroethene
Concen: 95.065 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 164 Resp: 714339

Ion	Ratio	Lower	Upper
164	100		
129	96.3	69.2	128.6
131	91.9	59.4	110.2
166	114.0	88.5	164.4



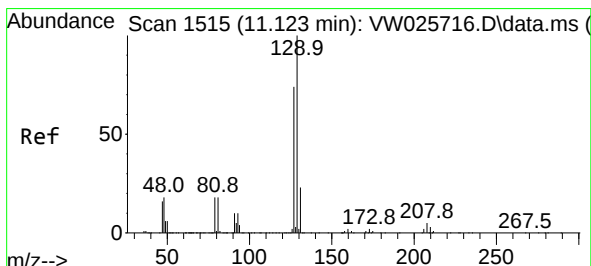
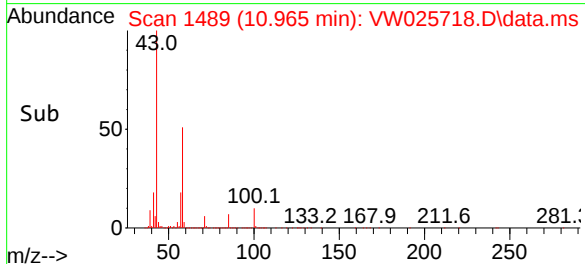
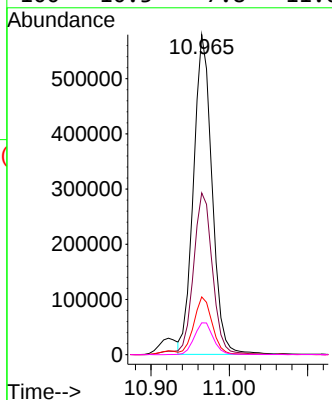
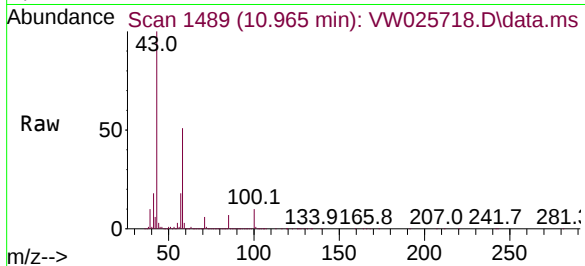


#48
2-Hexanone
Concen: 203.006 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

Tgt Ion: 43 Resp: 954783

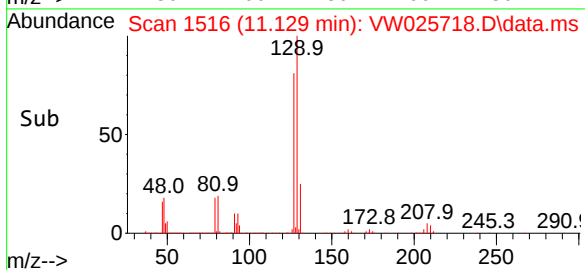
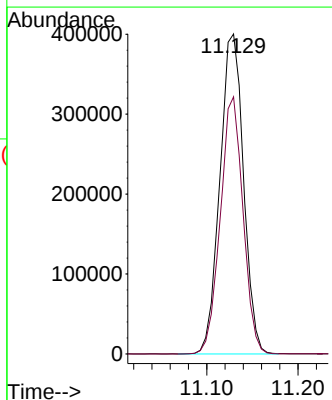
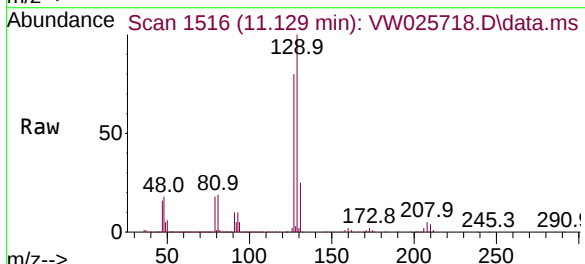
Ion	Ratio	Lower	Upper
43	100		
58	51.6	40.3	60.5
57	18.0	13.8	20.8
100	10.3	7.8	11.6

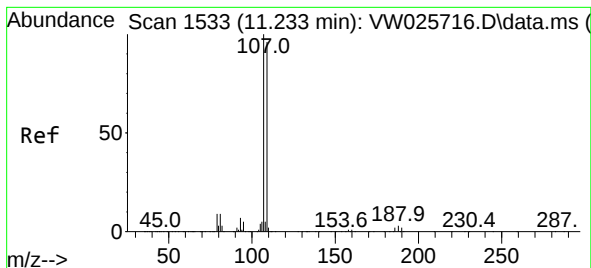


#49
Dibromochloromethane
Concen: 96.758 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion: 129 Resp: 719061

Ion	Ratio	Lower	Upper
129	100		
127	80.3	51.9	96.5

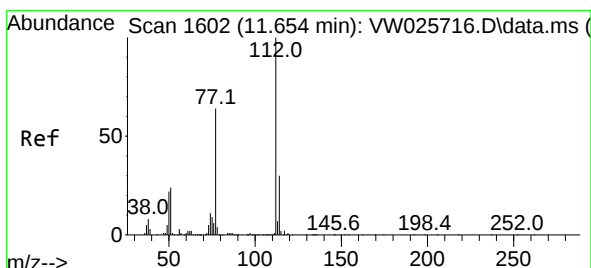
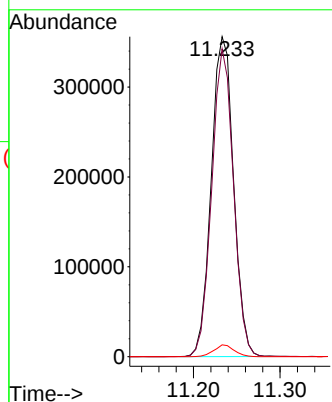
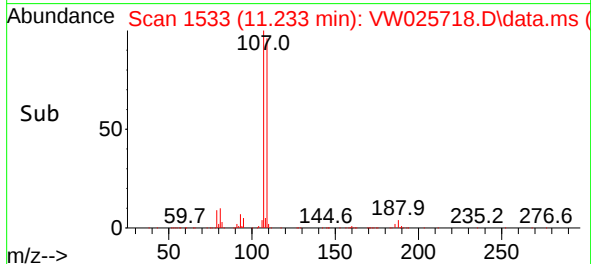
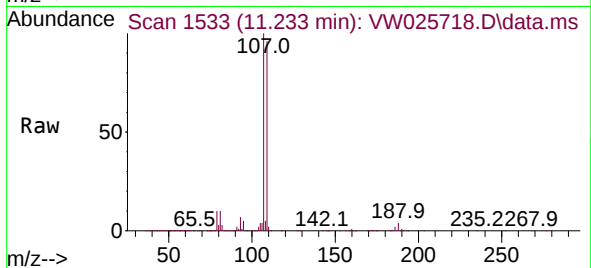




#50
1,2-Dibromoethane
Concen: 96.759 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

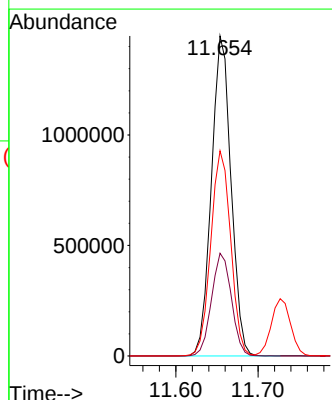
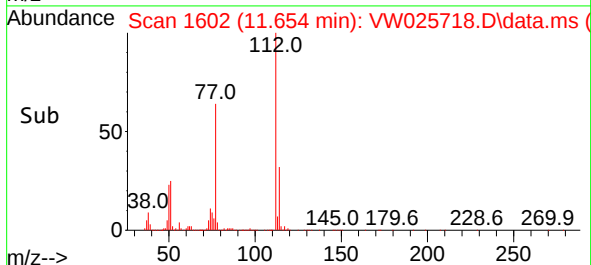
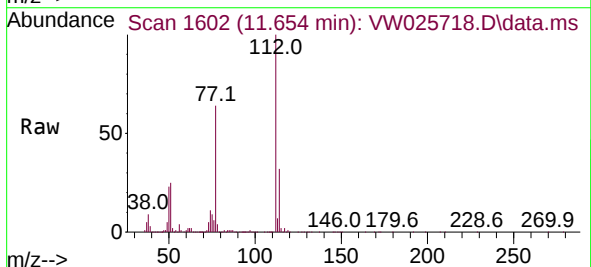
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

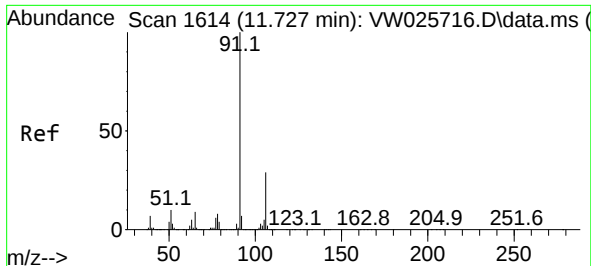
Tgt Ion:107 Resp: 636875
Ion Ratio Lower Upper
107 100
109 96.2 66.9 124.3
188 3.7 2.1 3.1#



#51
Chlorobenzene
Concen: 92.932 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion:112 Resp: 2396834
Ion Ratio Lower Upper
112 100
114 32.1 21.2 39.4
77 64.1 51.5 77.3

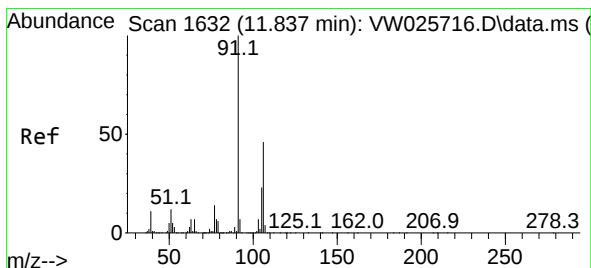
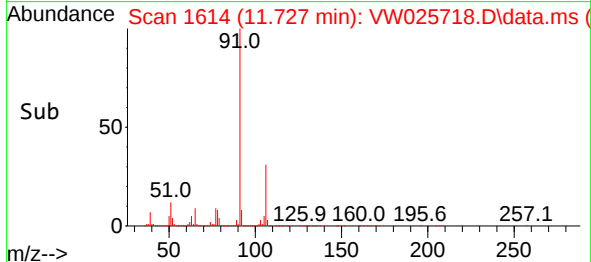
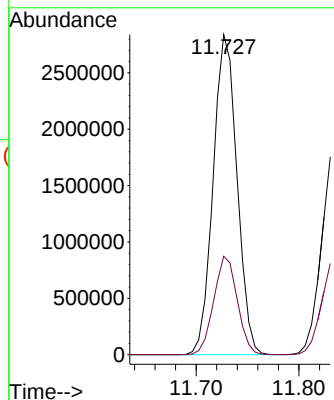
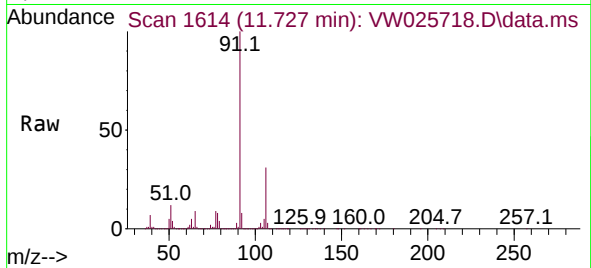




#52
Ethylbenzene
Concen: 97.386 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

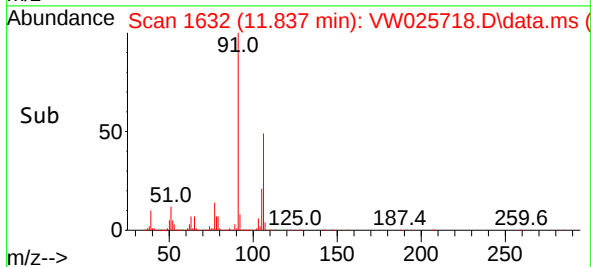
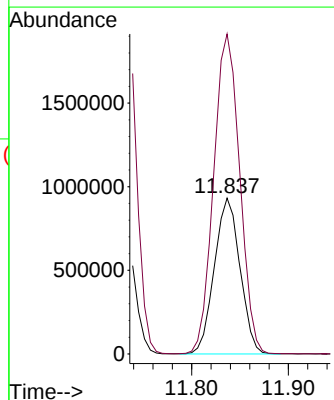
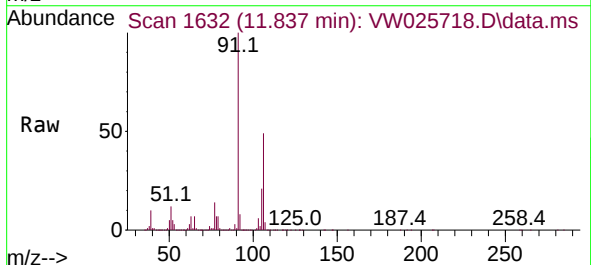
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

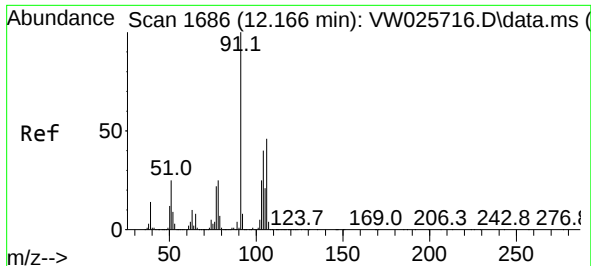
Tgt Ion: 91 Resp: 4576745
Ion Ratio Lower Upper
91 100
106 30.8 20.4 37.8



#53
m,p-Xylene
Concen: 98.648 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion:106 Resp: 1711492
Ion Ratio Lower Upper
106 100
91 205.3 151.1 280.5

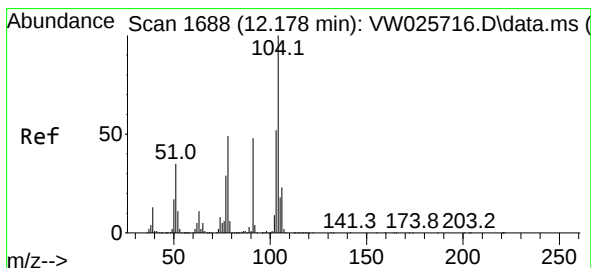
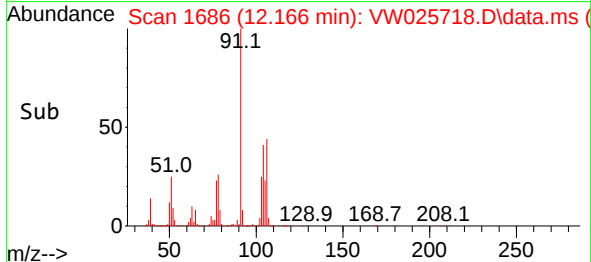
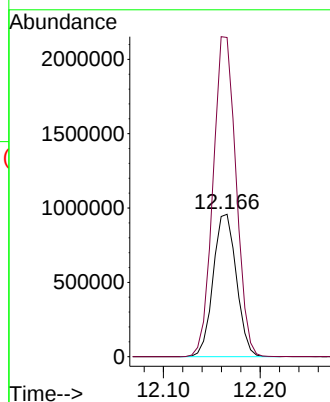
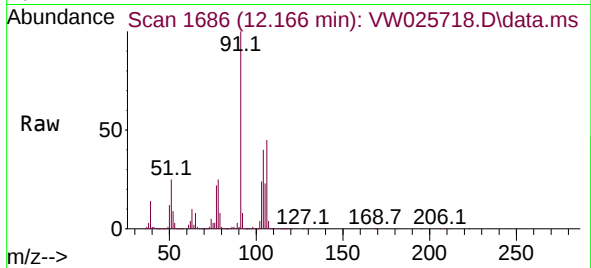




#54
o-Xylene
Concen: 98.849 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

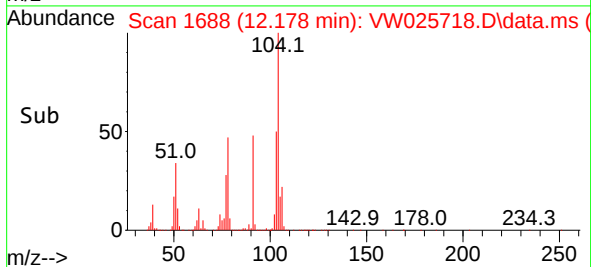
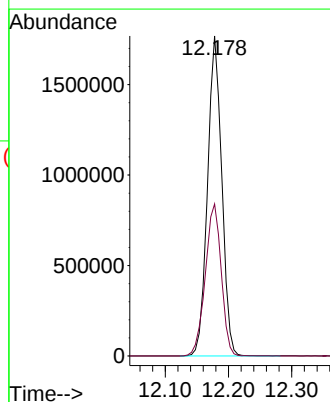
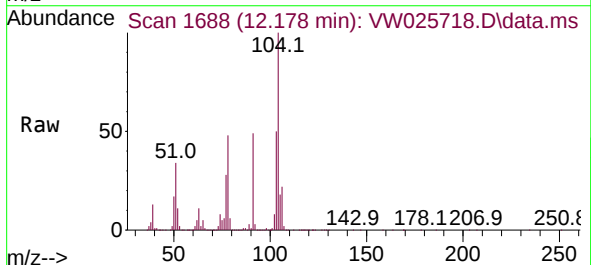
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

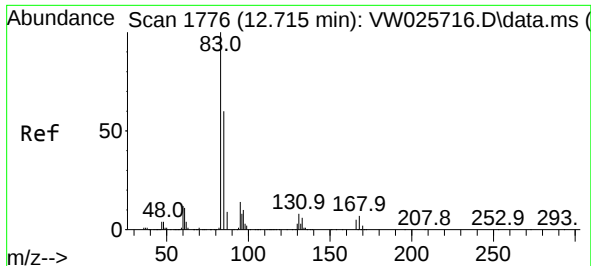
Tgt Ion:106 Resp: 1599102
Ion Ratio Lower Upper
106 100
91 224.1 150.8 280.1



#55
Styrene
Concen: 101.093 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion:104 Resp: 2772343
Ion Ratio Lower Upper
104 100
78 47.5 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 93.730 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD100447

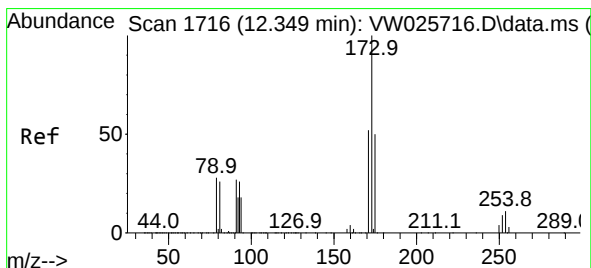
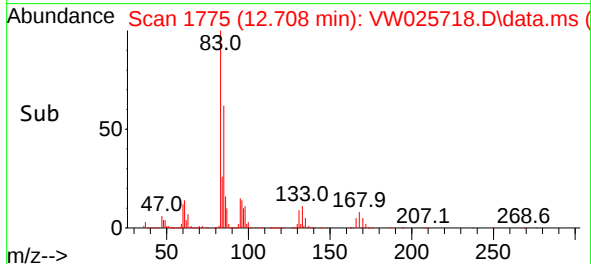
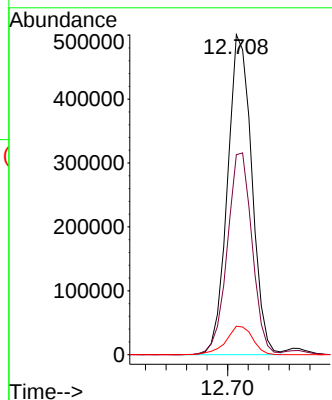
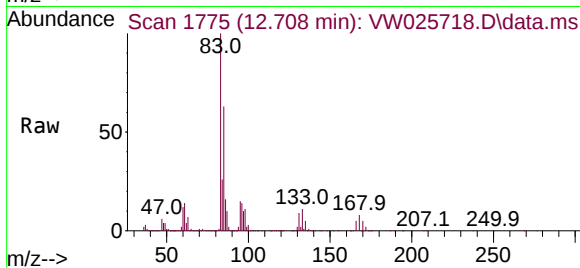
Tgt Ion: 83 Resp: 823613

Ion Ratio Lower Upper

83 100

85 62.5 42.2 78.4

131 8.9 6.6 9.8



#59

Bromoform

Concen: 100.140 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

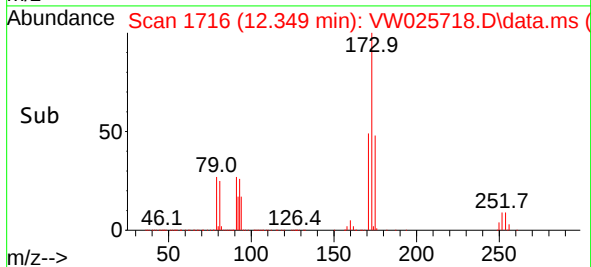
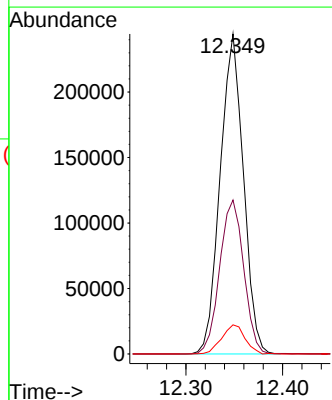
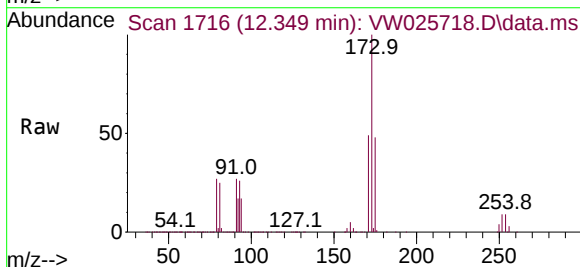
Tgt Ion:173 Resp: 407748

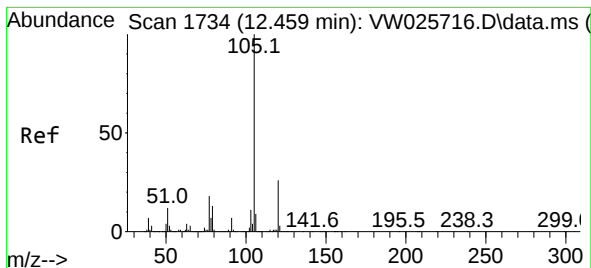
Ion Ratio Lower Upper

173 100

175 49.7 39.4 59.2

254 9.1 7.8 11.6





#60

Isopropylbenzene

Concen: 99.873 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD100447

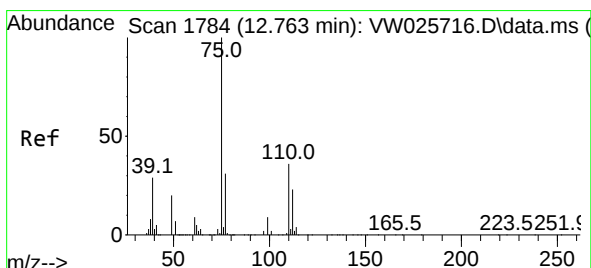
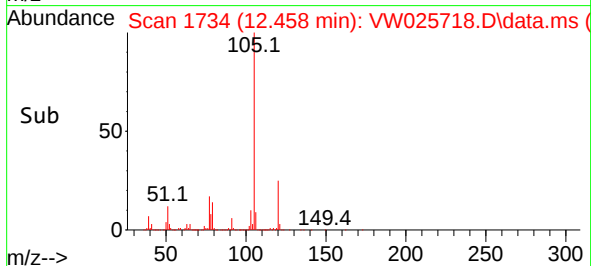
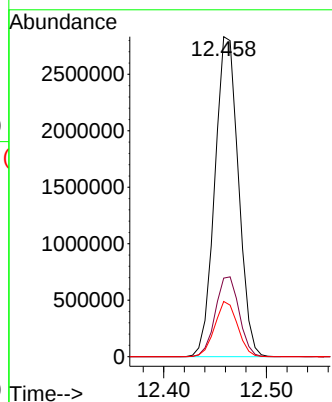
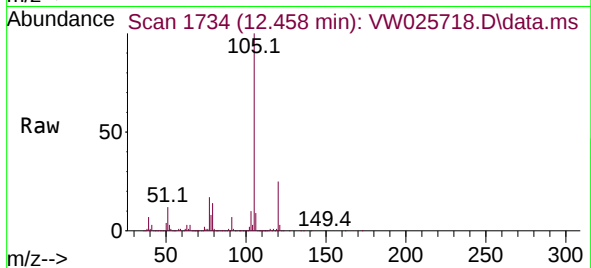
Tgt Ion:105 Resp: 4507673

Ion Ratio Lower Upper

105 100

120 25.1 20.9 31.3

77 16.7 13.8 20.6



#61

1,2,3-Trichloropropane

Concen: 93.247 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

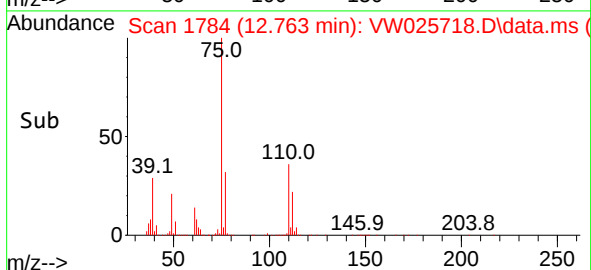
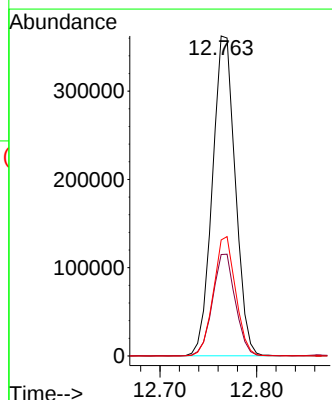
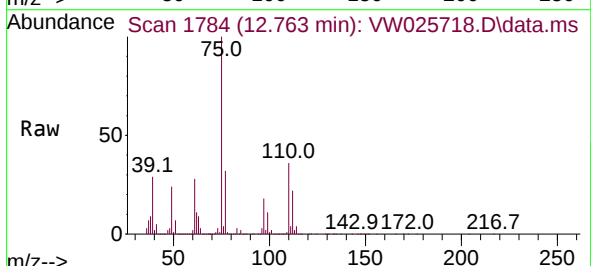
Tgt Ion: 75 Resp: 595967

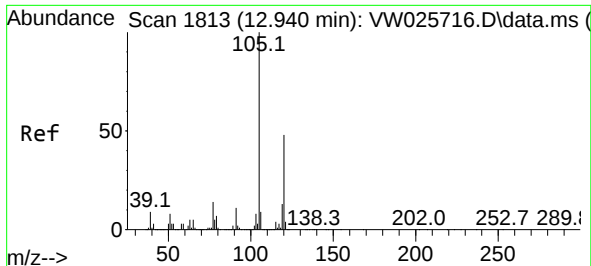
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

110 36.3 28.7 43.1

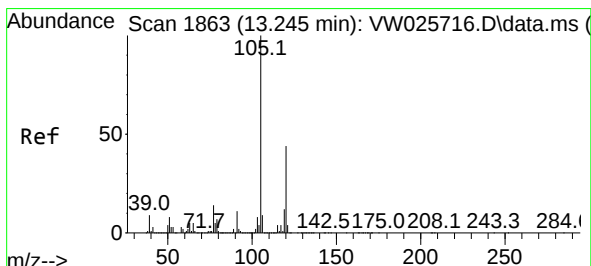
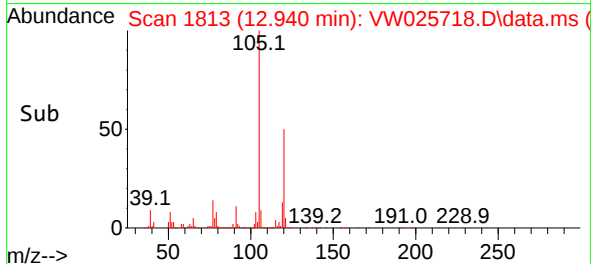
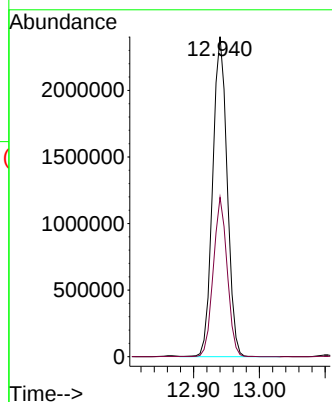
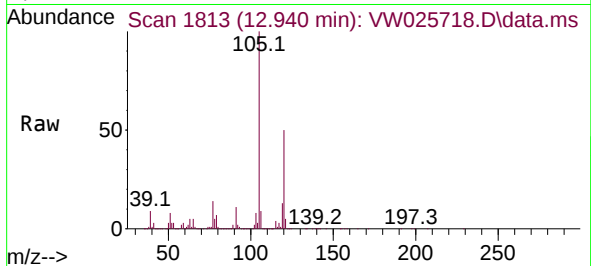




#62
1,3,5-Trimethylbenzene
Concen: 103.782 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

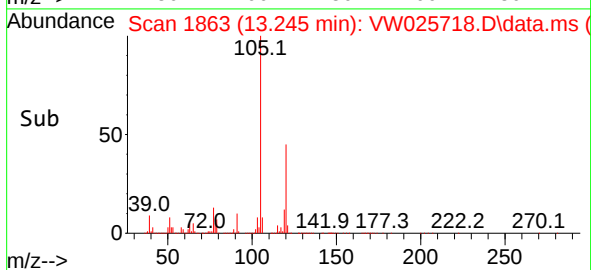
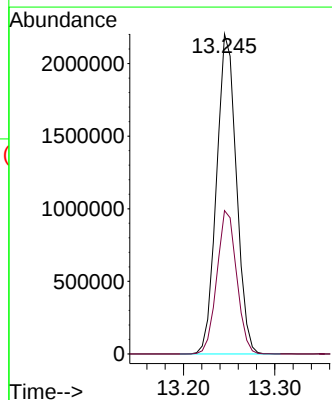
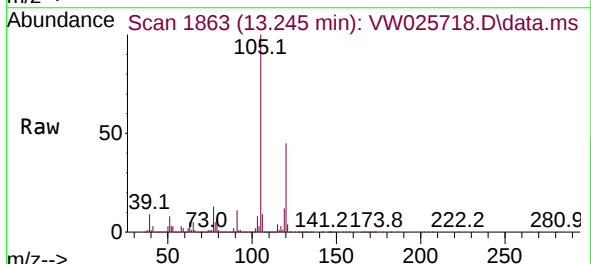
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

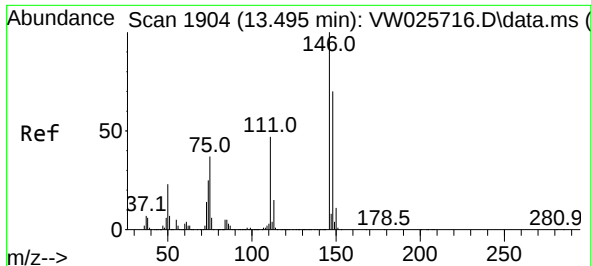
Tgt Ion:105 Resp: 3682990
Ion Ratio Lower Upper
105 100
120 47.8 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 103.482 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion:105 Resp: 3317164
Ion Ratio Lower Upper
105 100
120 44.7 35.7 53.5

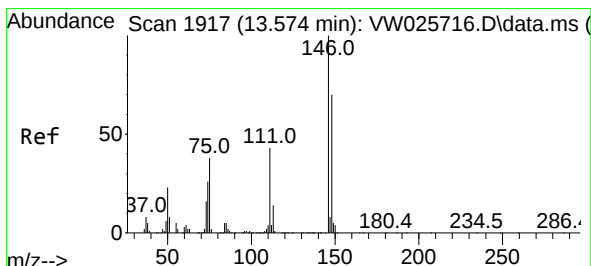
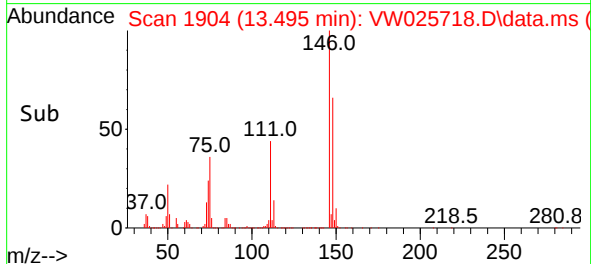
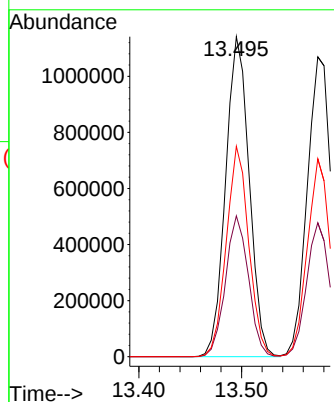
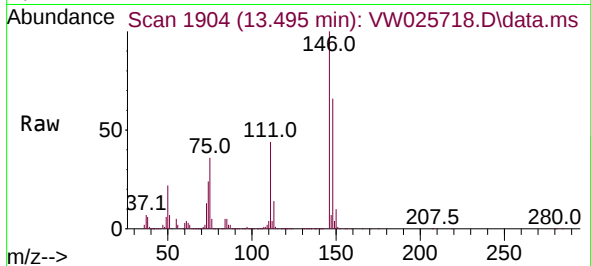




#64
1,3-Dichlorobenzene
Concen: 95.417 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

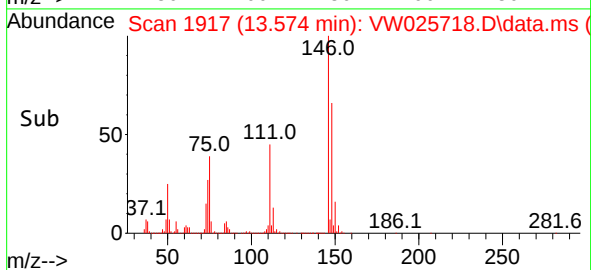
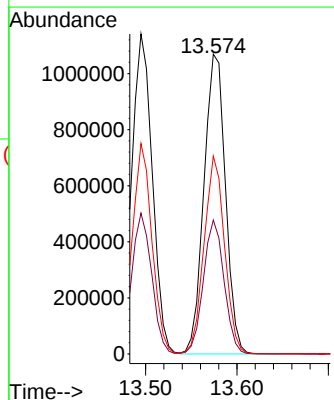
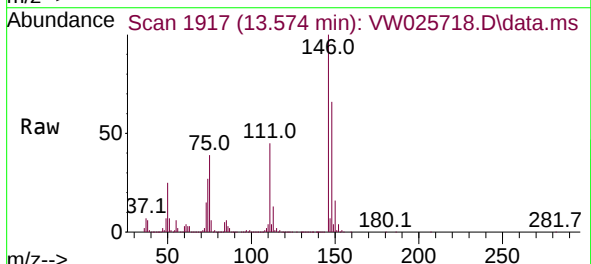
Instrument :
MSVOA_W
ClientSampleId :
VSTD100447

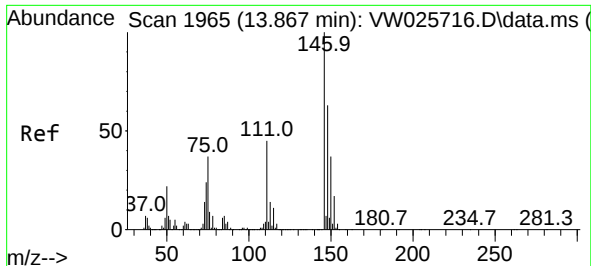
Tgt Ion:146 Resp: 1817430
Ion Ratio Lower Upper
146 100
111 44.0 33.0 61.4
148 65.8 48.6 90.3



#65
1,4-Dichlorobenzene
Concen: 90.553 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025718.D
Acq: 27 Apr 2023 09:34

Tgt Ion:146 Resp: 1748753
Ion Ratio Lower Upper
146 100
111 44.7 30.4 56.4
148 66.0 49.3 91.5





#67

1,2-Dichlorobenzene

Concen: 93.109 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD100447

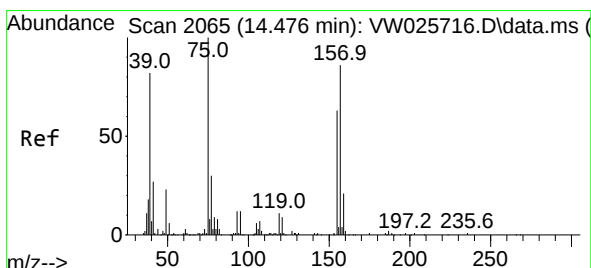
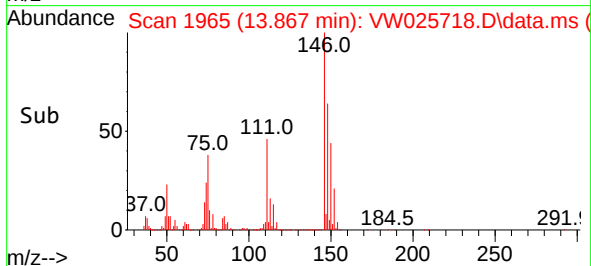
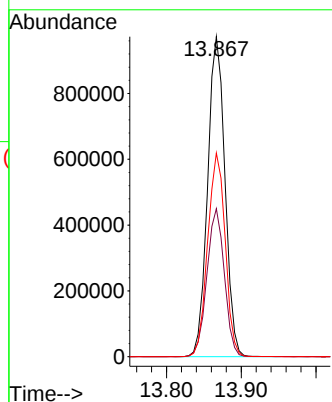
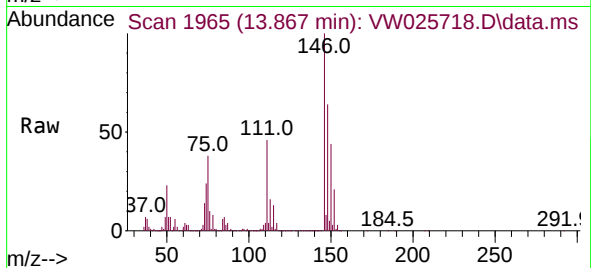
Tgt Ion:146 Resp: 1564668

Ion Ratio Lower Upper

146 100

111 46.2 36.2 54.2

148 63.6 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 94.280 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

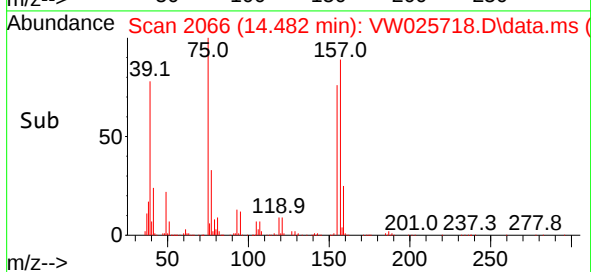
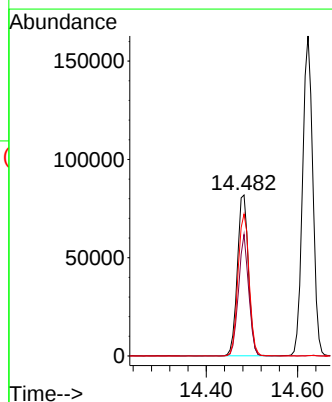
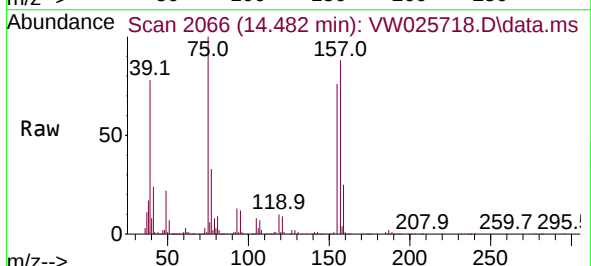
Tgt Ion: 75 Resp: 137334

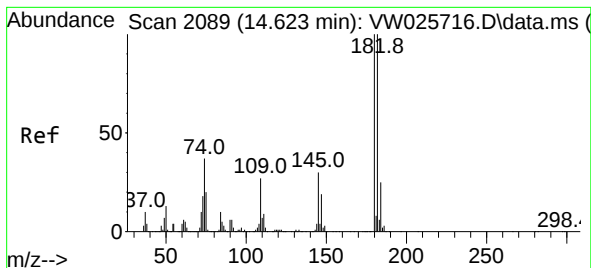
Ion Ratio Lower Upper

75 100

155 75.6 50.3 75.5#

157 88.2 68.4 102.6





#69

1,3,5-Trichlorobenzene

Concen: 96.683 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025718.D

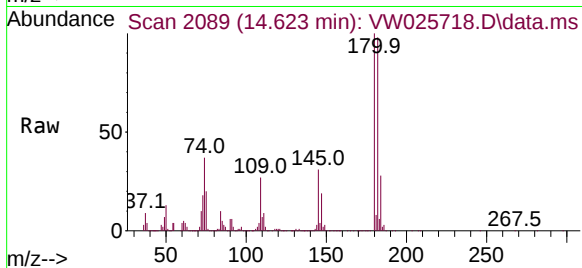
Acq: 27 Apr 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD100447



Tgt Ion:180 Resp: 1198099

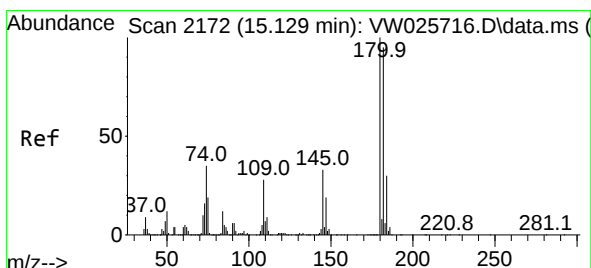
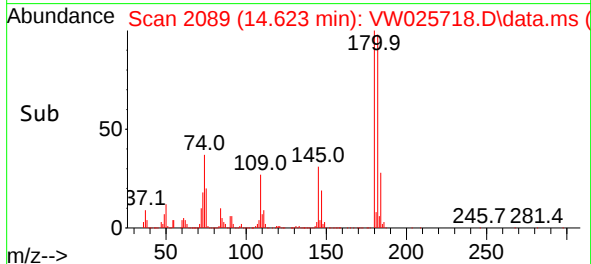
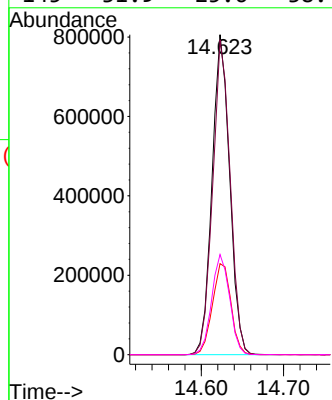
Ion Ratio Lower Upper

180 100

182 97.8 79.0 118.4

184 30.0 23.8 35.8

145 31.9 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 94.632 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

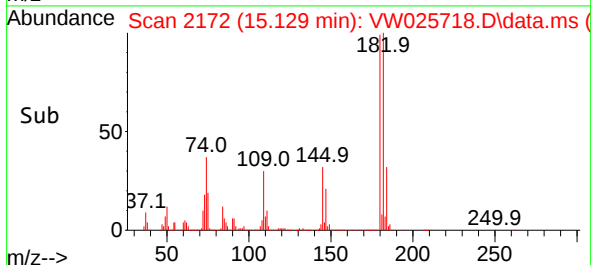
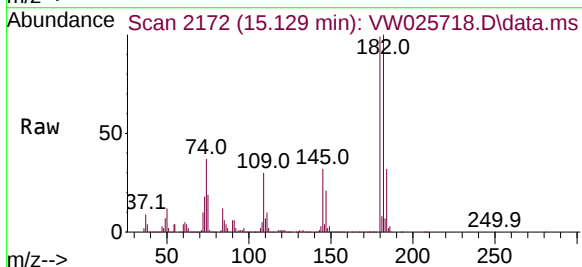
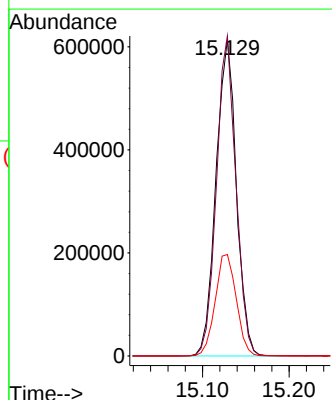
Tgt Ion:180 Resp: 1001327

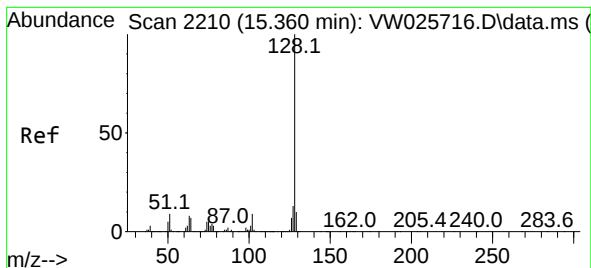
Ion Ratio Lower Upper

180 100

182 96.7 76.7 115.1

145 33.2 26.4 39.6





#71

Naphthalene

Concen: 107.047 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD100447

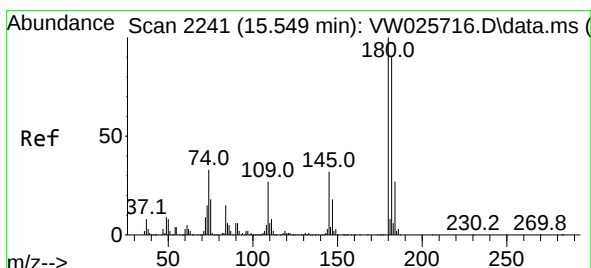
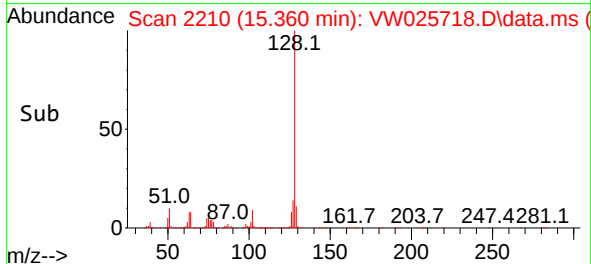
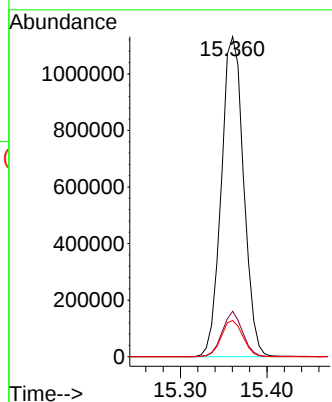
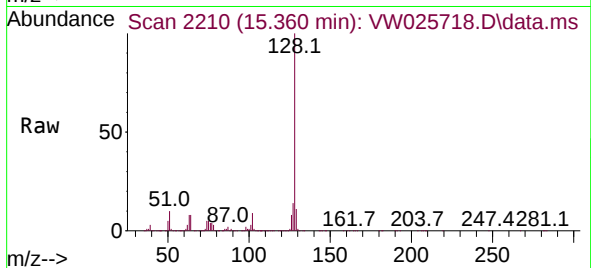
Tgt Ion:128 Resp: 2023109

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 94.282 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW025718.D

Acq: 27 Apr 2023 09:34

Tgt Ion:180 Resp: 880561

Ion Ratio Lower Upper

180 100

182 94.7 75.6 113.4

145 35.6 27.4 41.0

