

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025717.D
 Acq On : 27 Apr 2023 09:10
 Operator : SY/MD
 Sample : VSTD05046
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050446

Quant Time: Apr 28 02:22:37 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	689864	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	611395	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	296495	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	401230	47.679	ug/L	0.00
7) Chloroethane-d5	2.899	69	312531	51.890	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	926135	48.208	ug/L	0.00
21) 2-Butanone-d5	7.075	46	254328	92.115	ug/L	0.00
24) Chloroform-d	7.648	84	888173	47.992	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	475200	47.100	ug/L	0.00
32) Benzene-d6	8.276	84	1813596	48.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	573834	47.798	ug/L	0.00
41) Toluene-d8	10.324	98	1641627	50.028	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	233380	49.880	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	188435	101.051	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	407152	46.013	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	500804	49.301	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	414584	48.850	ug/L	95
3) Chloromethane	2.228	50	589575	51.093	ug/L	99
5) Vinyl chloride	2.374	62	595286	49.064	ug/L	95
6) Bromomethane	2.789	94	323256	50.359	ug/L	99
8) Chloroethane	2.935	64	337159	54.555	ug/L	99
9) Trichlorofluoromethane	3.265	101	474883	52.072	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.081	101	459297	48.403	ug/L	99
12) 1,1-Dichloroethene	4.045	96	454227	48.876	ug/L	95
13) Acetone	4.118	43	208484	80.996	ug/L	97
14) Carbon disulfide	4.392	76	1603695	49.123	ug/L	99
15) Methyl Acetate	4.667	43	228403	44.842	ug/L	99
16) Methylene chloride	4.917	84	489865	37.815	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	487542	49.633	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	693687	49.073	ug/L	100
19) 1,1-Dichloroethane	6.215	63	968898	48.398	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	512266	49.717	ug/L #	99
22) 2-Butanone	7.166	43	304969	93.446	ug/L	100
23) Bromochloromethane	7.520	128	203618	47.587	ug/L	95
25) Chloroform	7.678	83	892309	48.529	ug/L	99
27) 1,2-Dichloroethane	8.398	62	592240	47.019	ug/L	97
29) Cyclohexane	7.959	56	985502	51.811	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	729024	49.120	ug/L	98
31) Carbon tetrachloride	8.069	117	660557	48.909	ug/L	95
33) Benzene	8.325	78	2035922	48.794	ug/L	100
34) Trichloroethene	9.093	95	516568	47.930	ug/L	97
35) Methylcyclohexane	9.337	83	969979	50.638	ug/L	99
37) 1,2-Dichloropropane	9.367	63	544751	48.436	ug/L	99
38) Bromodichloromethane	9.641	83	622049	48.922	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	828805	51.460	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	650227	95.849	ug/L	99
42) Toluene	10.385	91	2103518	49.416	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	676243	51.108	ug/L	99

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

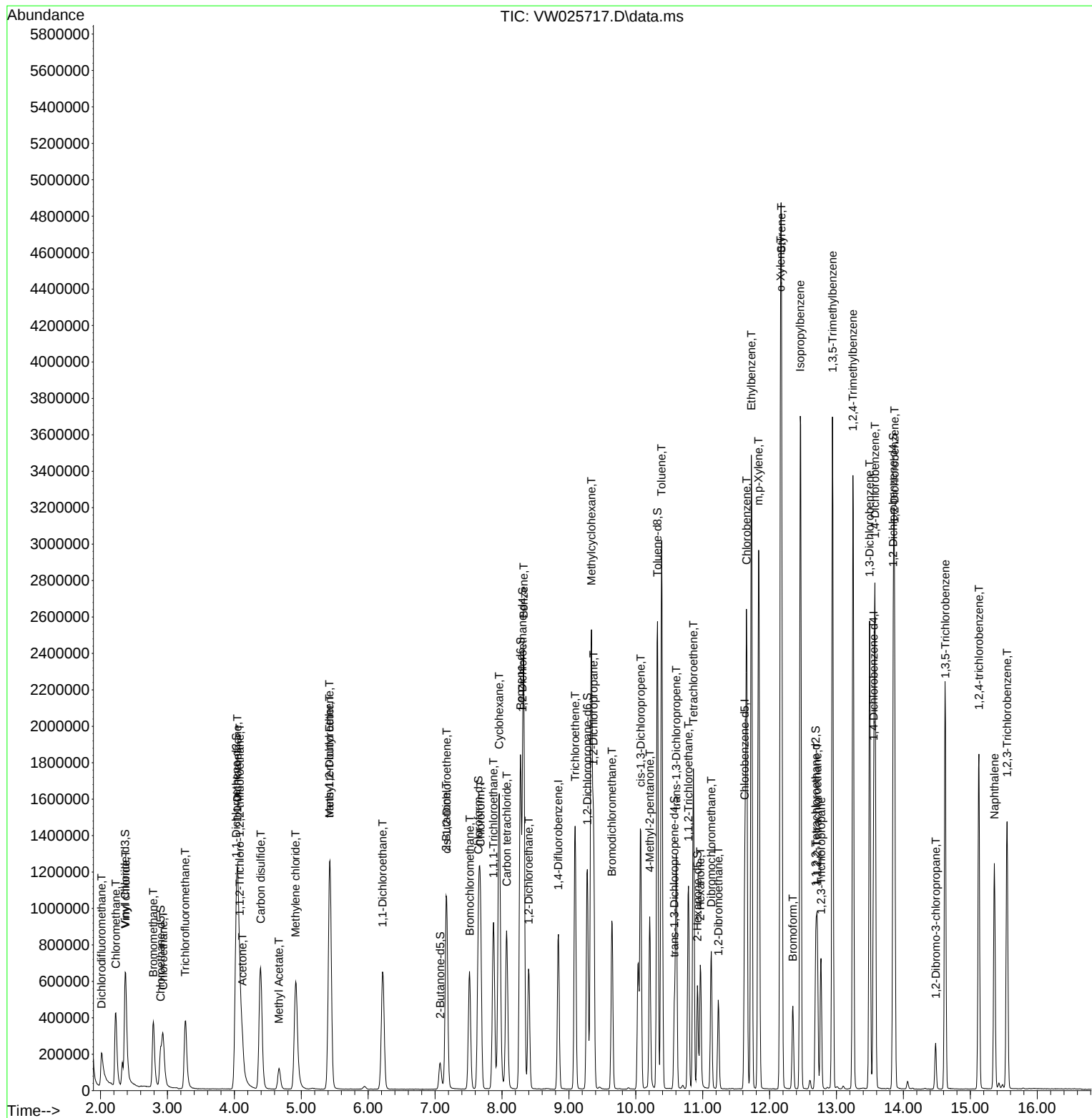
45) 1,1,2-Trichloroethane	10.788	97	339838	46.632	ug/L	98
46) Tetrachloroethene	10.861	164	367826	48.193	ug/L	96
48) 2-Hexanone	10.964	43	461893	96.688	ug/L	99
49) Dibromochloromethane	11.129	129	375336	49.724	ug/L	98
50) 1,2-Dibromoethane	11.233	107	317420	47.479	ug/L #	99
51) Chlorobenzene	11.653	112	1274171	48.639	ug/L	98
52) Ethylbenzene	11.726	91	2398895	50.255	ug/L	99
53) m,p-Xylene	11.836	106	903080	51.247	ug/L	95
54) o-Xylene	12.165	106	848593	51.644	ug/L	98
55) Styrene	12.178	104	1424039	51.124	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	410553	45.999	ug/L	96
59) Bromoform	12.348	173	200743	48.865	ug/L	99
60) Isopropylbenzene	12.458	105	2357318	51.767	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	294603	45.687	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1910238	53.352	ug/L	97
63) 1,2,4-Trimethylbenzene	13.244	105	1728972	53.459	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	936040	48.708	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	960143	49.277	ug/L	91
67) 1,2-Dichlorobenzene	13.866	146	817084	48.192	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	64500	43.887	ug/L	89
69) 1,3,5-Trichlorobenzene	14.628	180	592507	47.390	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	540708	50.648	ug/L	97
71) Naphthalene	15.360	128	991477	51.996	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	450764	47.836	ug/L	99

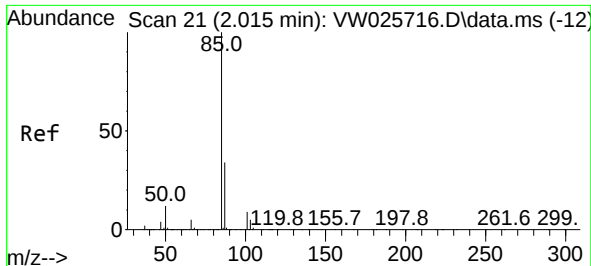
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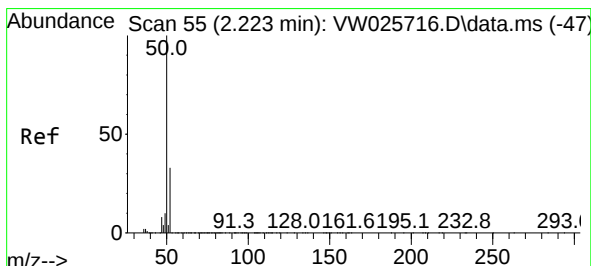
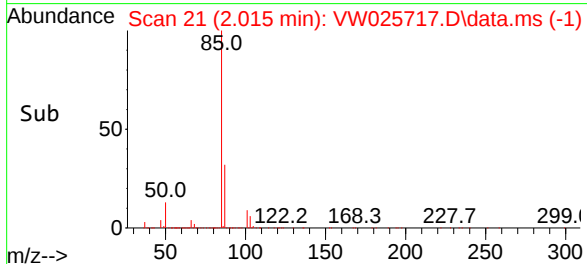
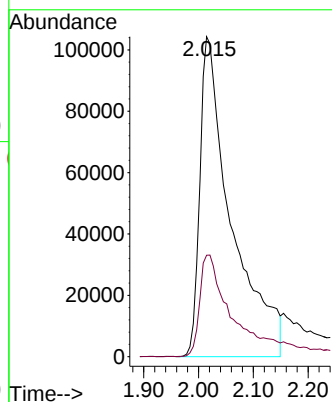
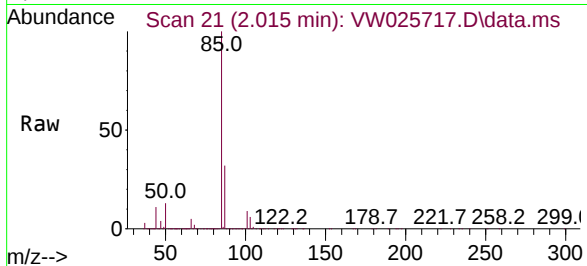




#2
 Dichlorodifluoromethane
 Concen: 48.850 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

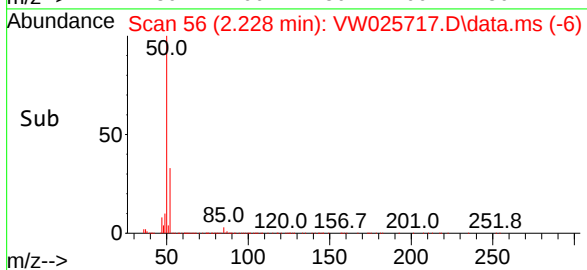
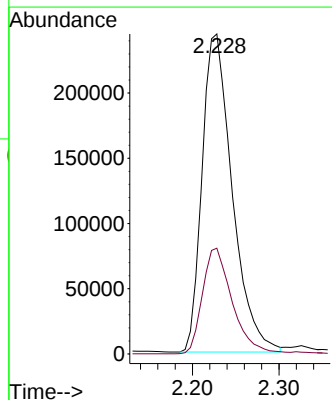
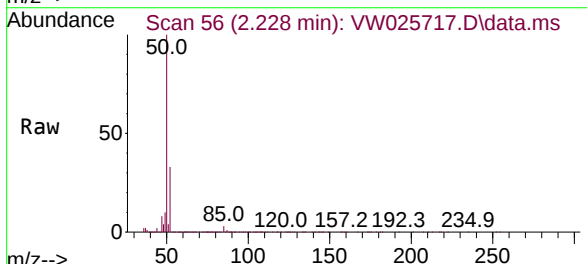
Instrument :
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 ClientSampleId :
 VSTD050446

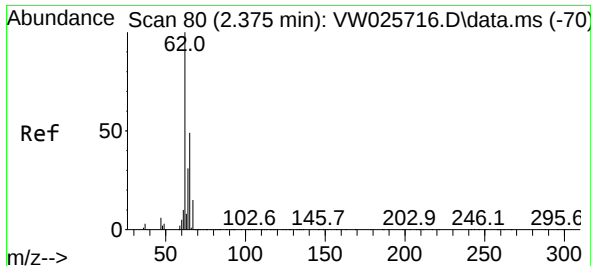
Tgt Ion: 85 Resp: 414584
 Ion Ratio Lower Upper
 85 100
 87 29.1 21.3 31.9



#3
 Chloromethane
 Concen: 51.093 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

Tgt Ion: 50 Resp: 589575
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.9 42.5

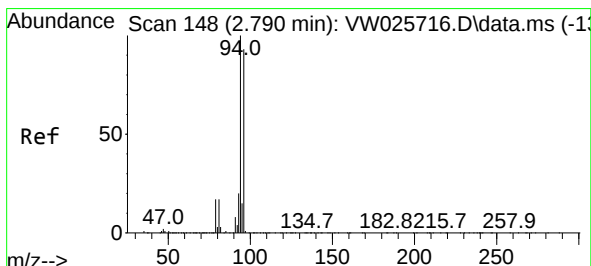
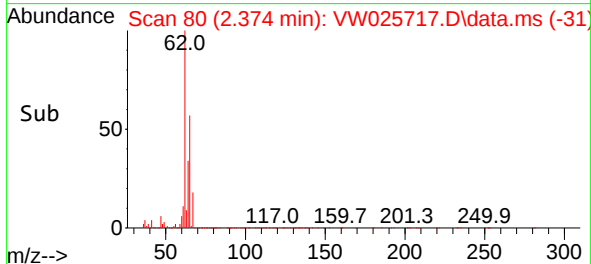
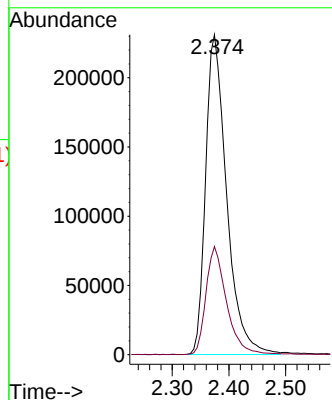
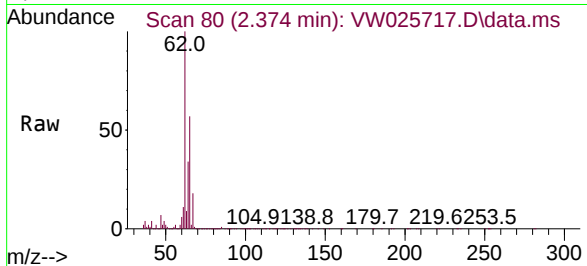




#5
 Vinyl chloride
 Concen: 49.064 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

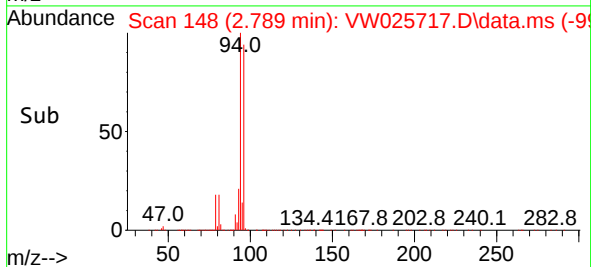
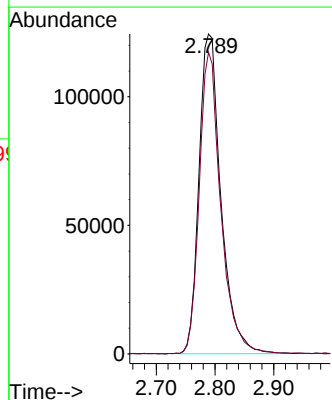
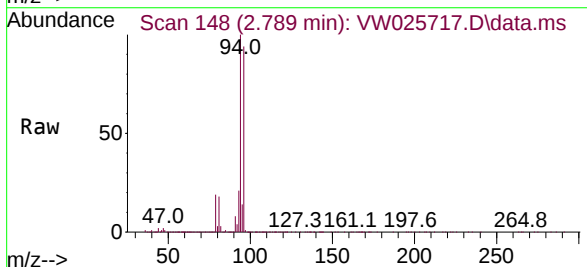
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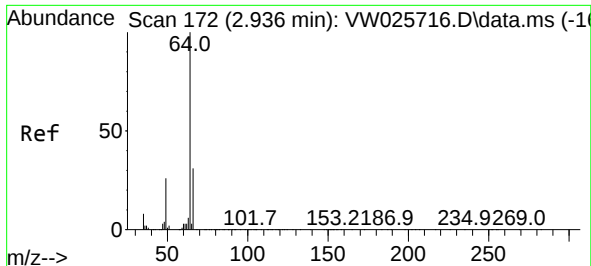
Tgt Ion: 62 Resp: 595286
 Ion Ratio Lower Upper
 62 100
 64 33.8 21.8 40.6



#6
 Bromomethane
 Concen: 50.359 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.001 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

Tgt Ion: 94 Resp: 323256
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.2 121.2

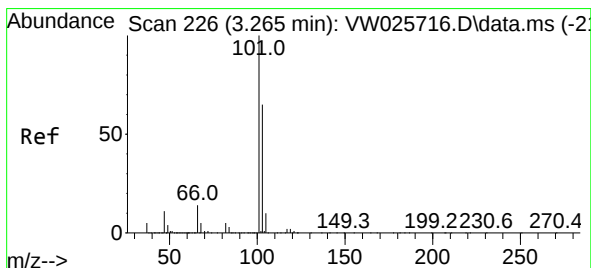
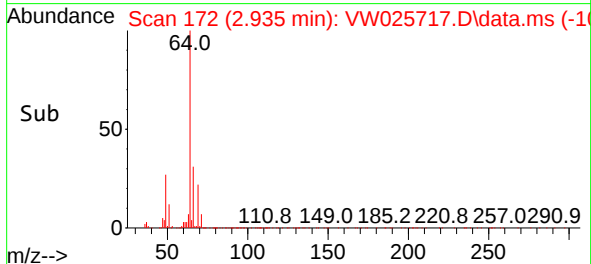
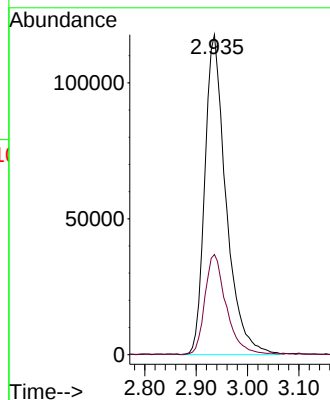
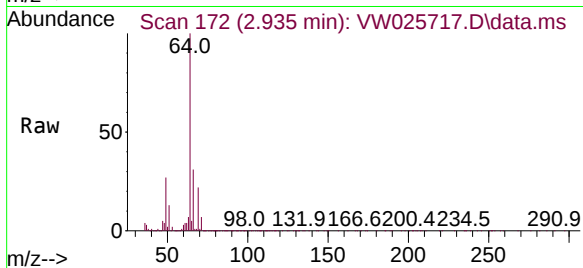




#8
Chloroethane
Concen: 54.555 ug/L
RT: 2.935 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

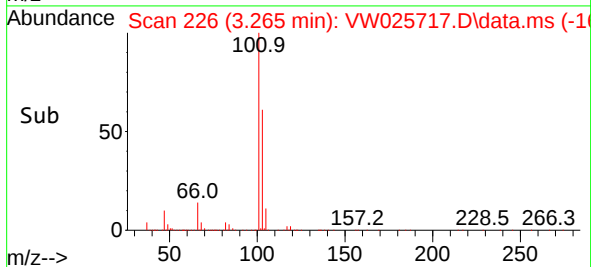
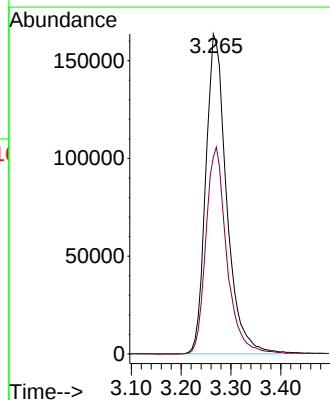
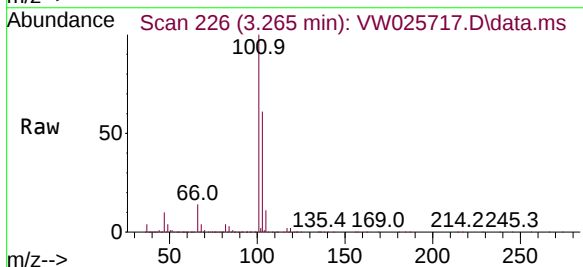
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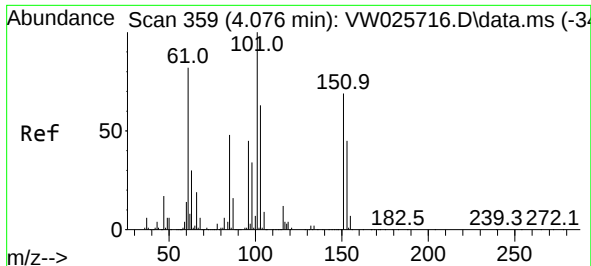
Tgt Ion: 64 Resp: 337159
Ion Ratio Lower Upper
64 100
66 31.3 21.5 39.9



#9
Trichlorofluoromethane
Concen: 52.072 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion: 101 Resp: 474883
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.4

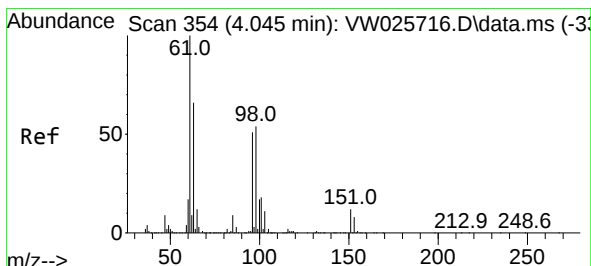
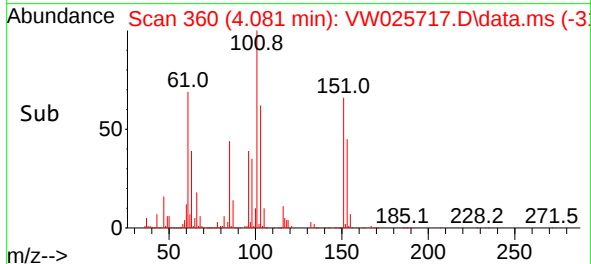
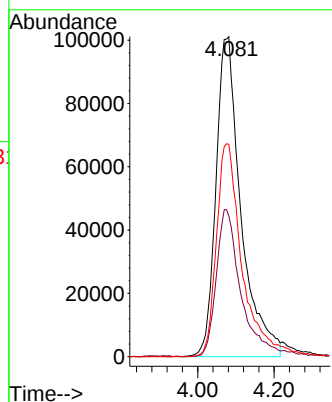
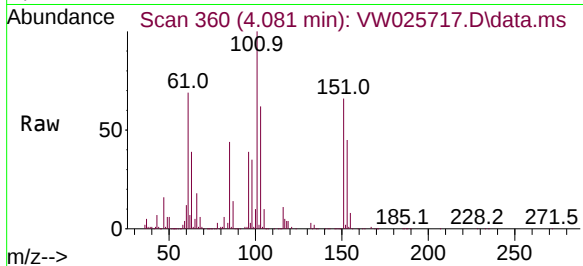




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.403 ug/L
 RT: 4.081 min Scan# 360
 Delta R.T. 0.006 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

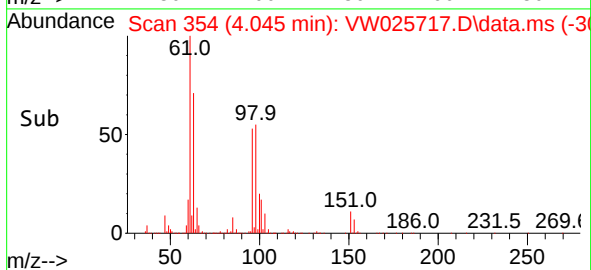
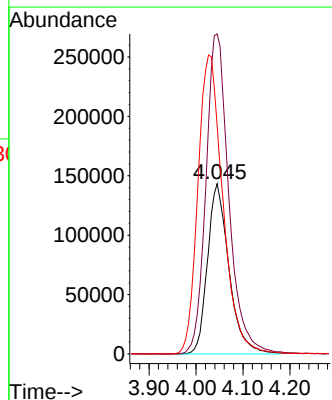
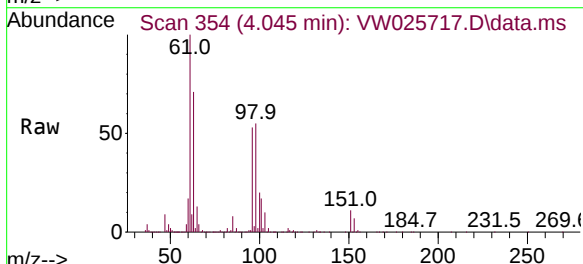
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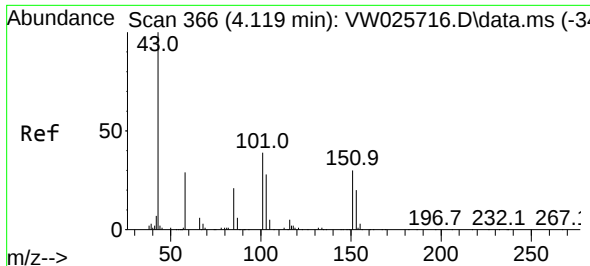
Tgt Ion:101 Resp: 459297
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.9 53.9
 151 66.1 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 48.876 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.001 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

Tgt Ion: 96 Resp: 454227
 Ion Ratio Lower Upper
 96 100
 61 187.9 137.9 256.1
 63 134.1 90.5 168.1

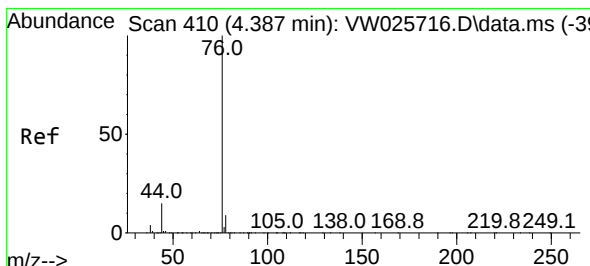
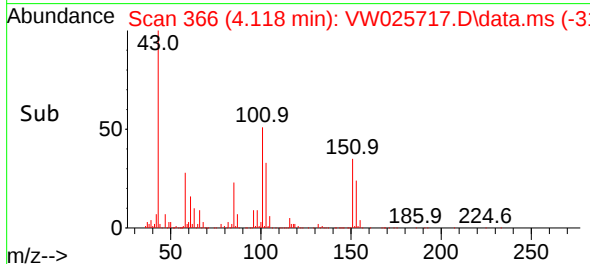
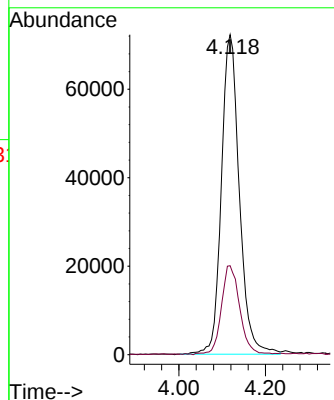
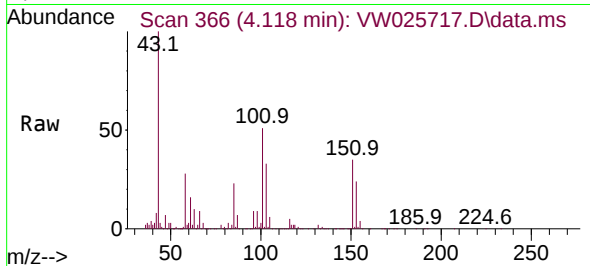




#13
Acetone
Concen: 80.996 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

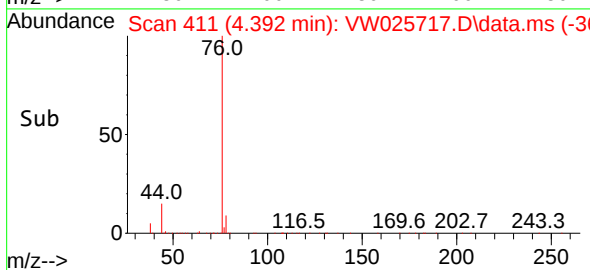
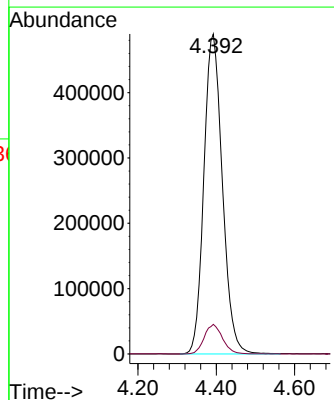
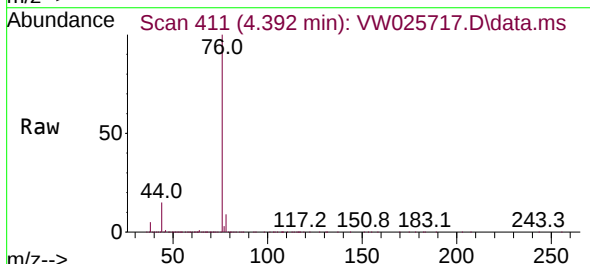
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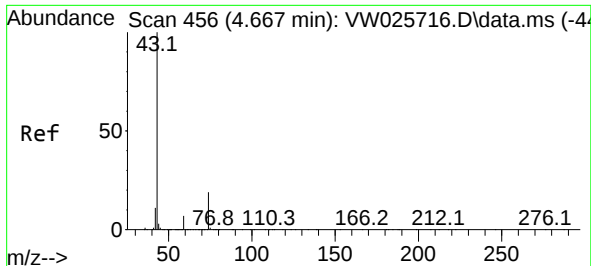
Tgt Ion: 43 Resp: 208484
Ion Ratio Lower Upper
43 100
58 27.9 0.0 58.6



#14
Carbon disulfide
Concen: 49.123 ug/L
RT: 4.392 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion: 76 Resp: 1603695
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

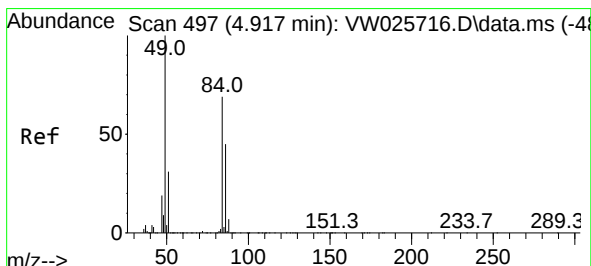
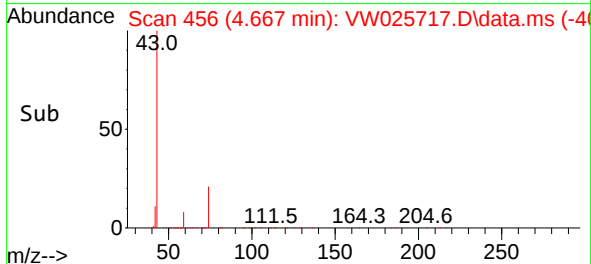
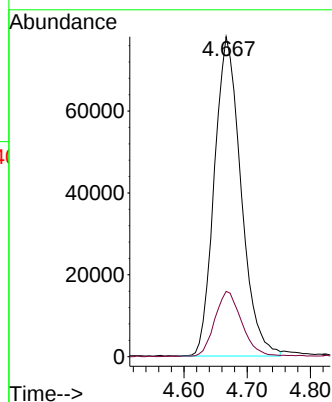
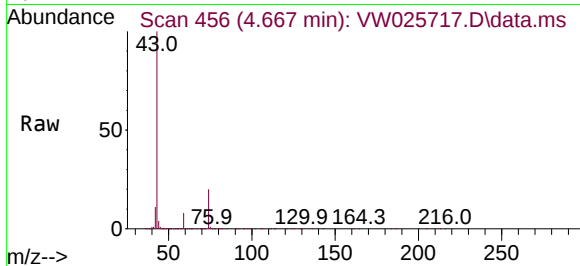




#15
Methyl Acetate
Concen: 44.842 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

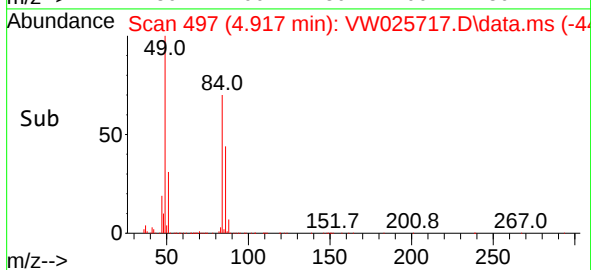
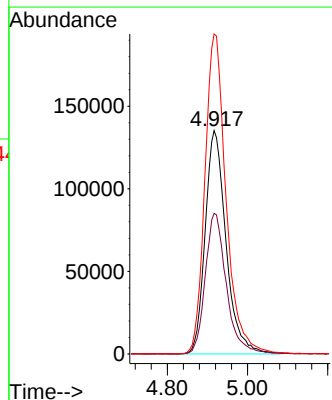
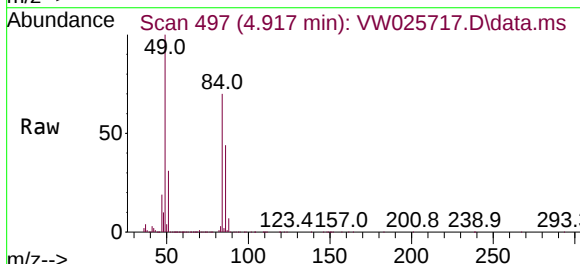
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

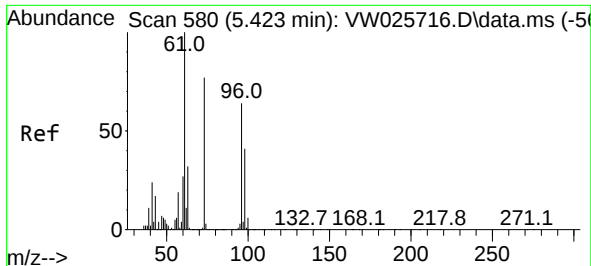
Tgt Ion: 43 Resp: 228403
Ion Ratio Lower Upper
43 100
74 20.6 16.1 24.1



#16
Methylene chloride
Concen: 37.815 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion: 84 Resp: 489865
Ion Ratio Lower Upper
84 100
86 62.9 46.3 85.9
49 143.2 101.9 189.3

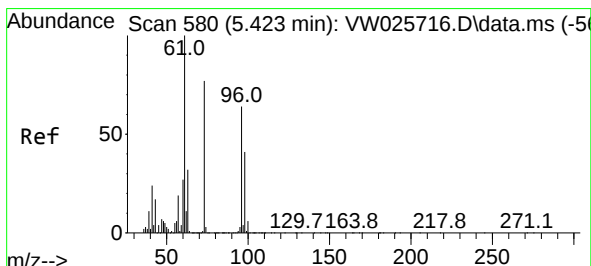
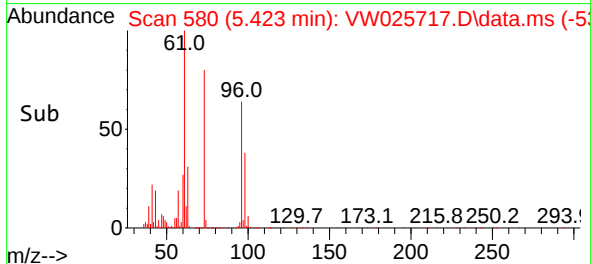
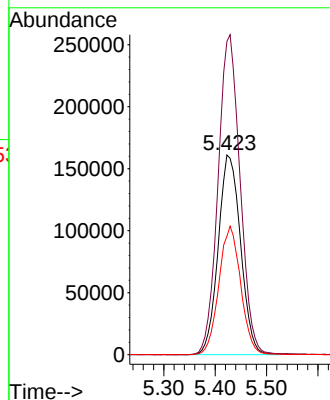
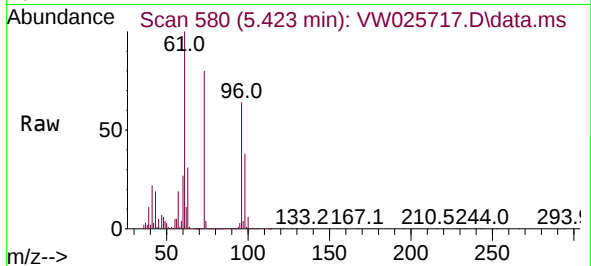




#17
trans-1,2-Dichloroethene
Concen: 49.633 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

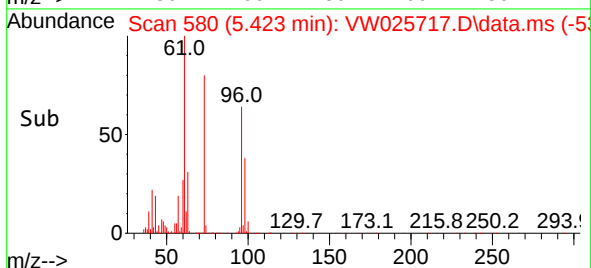
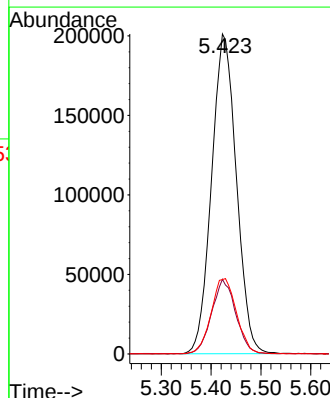
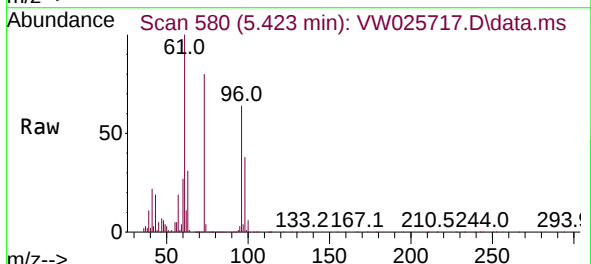
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

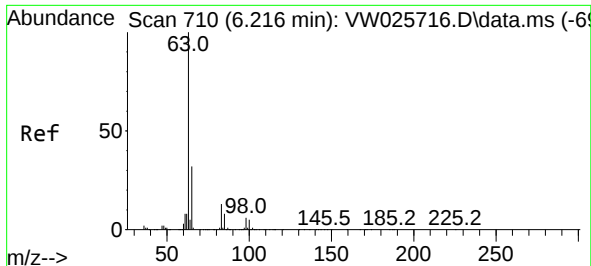
Tgt Ion: 96 Resp: 487542
Ion Ratio Lower Upper
96 100
61 156.9 110.2 204.8
98 59.3 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 49.073 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion: 73 Resp: 693687
Ion Ratio Lower Upper
73 100
43 22.5 18.2 27.4
57 24.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 48.398 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD050446

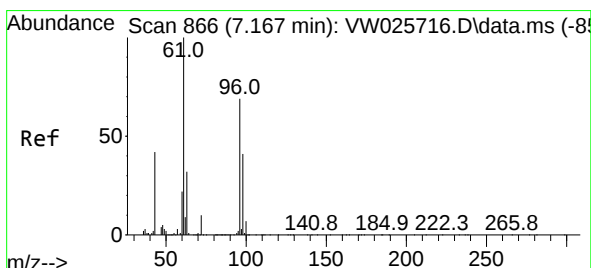
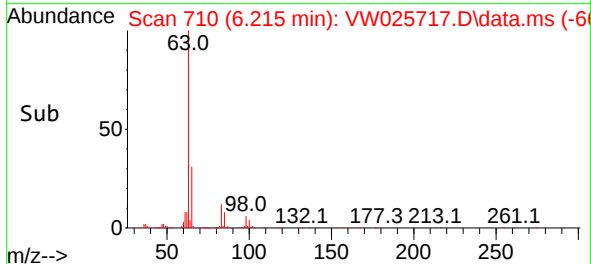
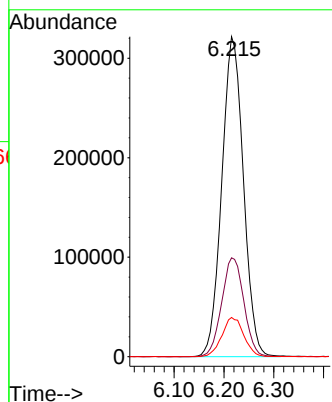
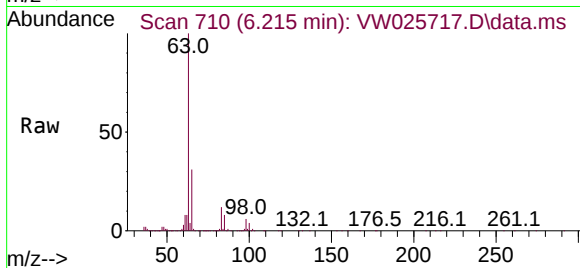
Tgt Ion: 63 Resp: 968898

Ion Ratio Lower Upper

63 100

65 30.9 22.5 41.9

83 12.2 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 49.717 ug/L

RT: 7.172 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

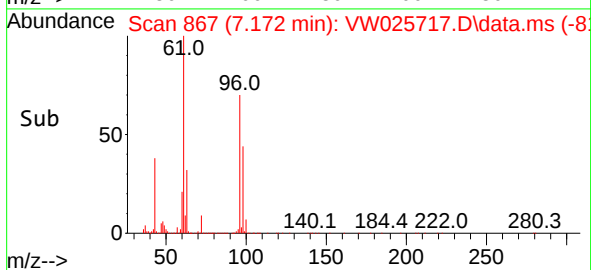
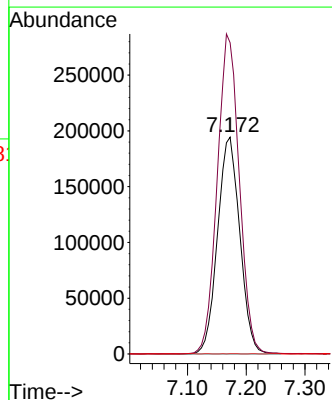
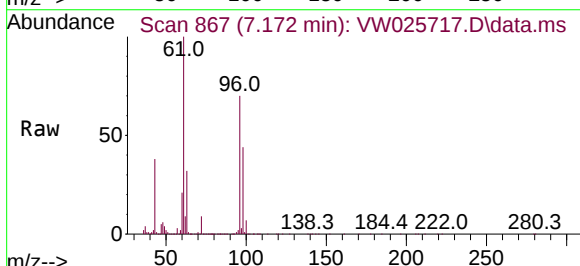
Tgt Ion: 96 Resp: 512266

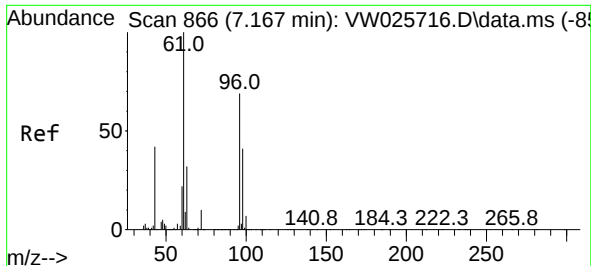
Ion Ratio Lower Upper

96 100

61 143.5 101.6 188.6

68 0.1 0.1 0.1#

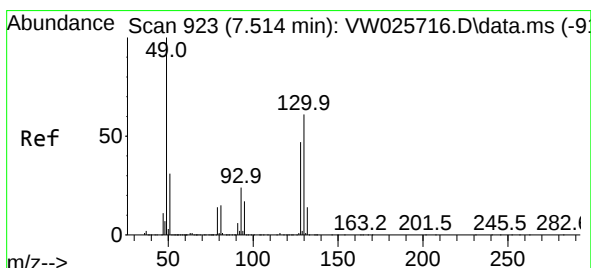
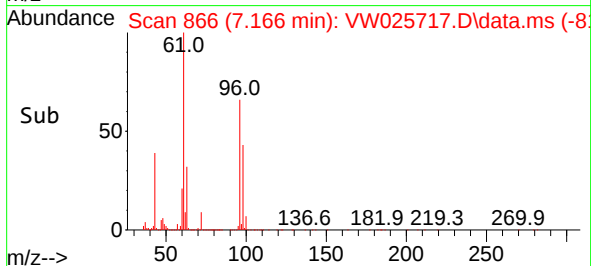
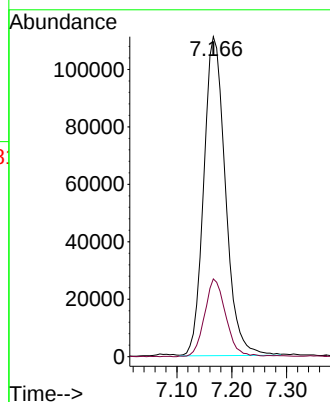
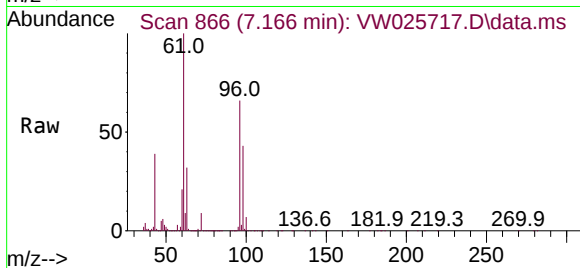




#22
2-Butanone
Concen: 93.446 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

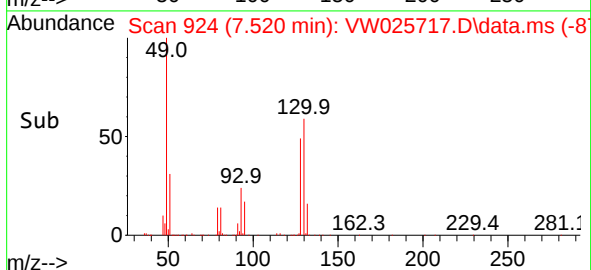
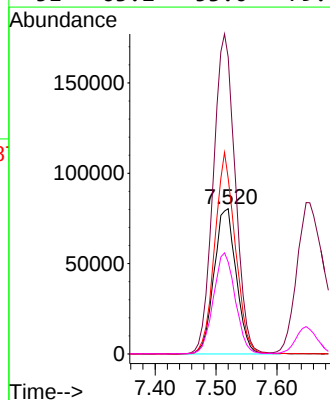
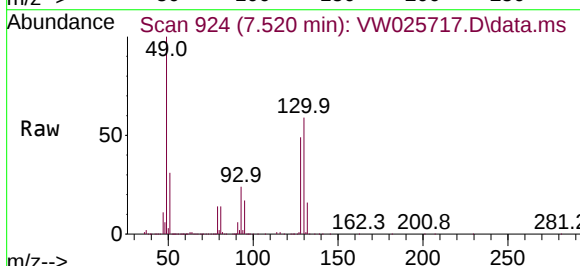
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

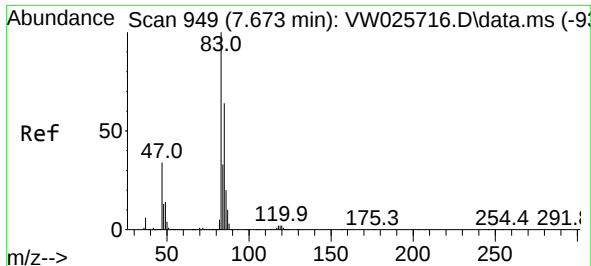
Tgt Ion: 43 Resp: 304969
Ion Ratio Lower Upper
43 100
72 23.2 11.7 35.0



#23
Bromochloromethane
Concen: 47.587 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion: 128 Resp: 203618
Ion Ratio Lower Upper
128 100
49 204.3 148.0 274.8
130 120.7 90.3 167.7
51 63.2 53.0 79.6

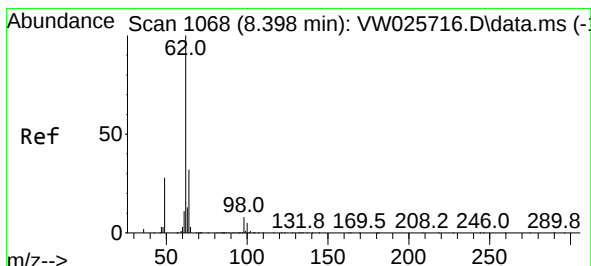
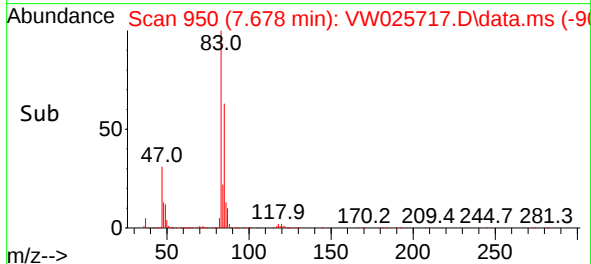
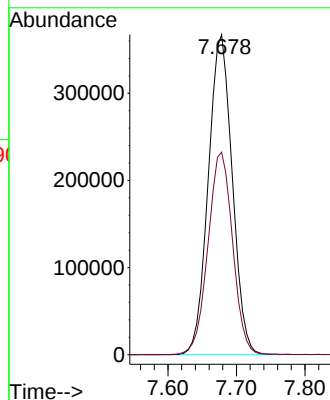
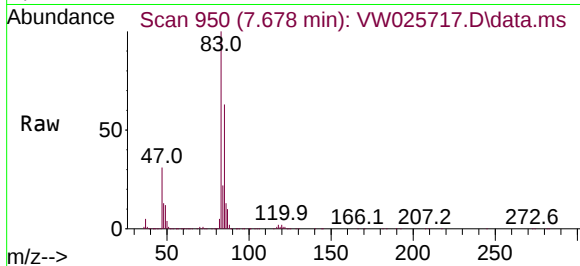




#25
Chloroform
Concen: 48.529 ug/L
RT: 7.678 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

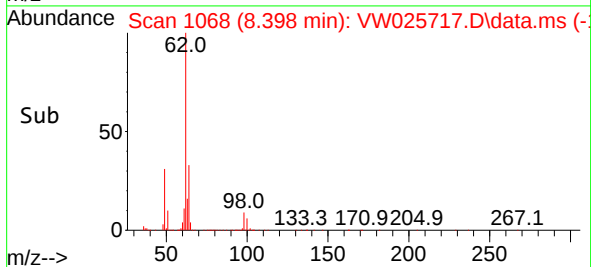
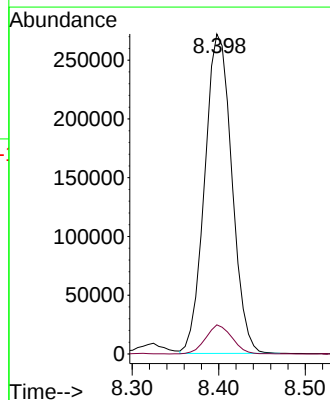
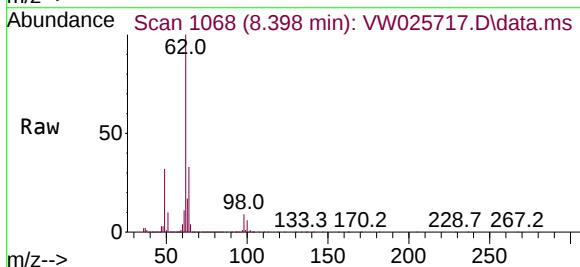
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

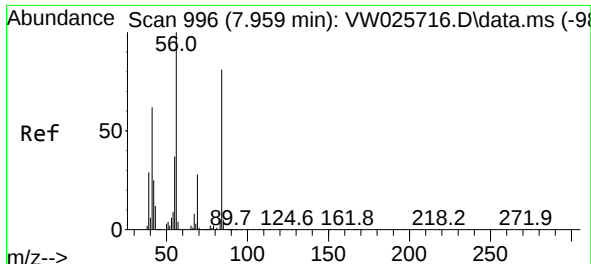
Tgt Ion: 83 Resp: 892309
Ion Ratio Lower Upper
83 100
85 63.3 44.9 83.5



#27
1,2-Dichloroethane
Concen: 47.019 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion: 62 Resp: 592240
Ion Ratio Lower Upper
62 100
98 9.1 6.5 9.7





#29

Cyclohexane

Concen: 51.811 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.001 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD050446

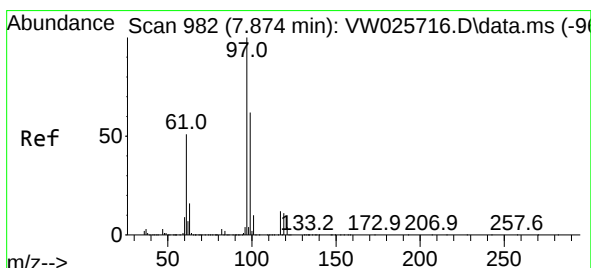
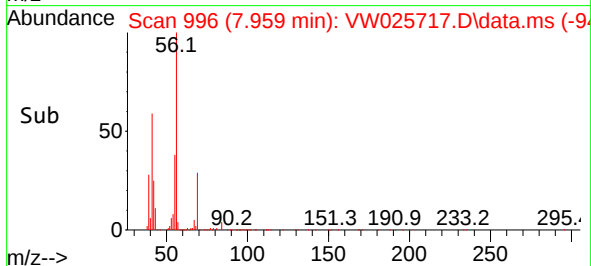
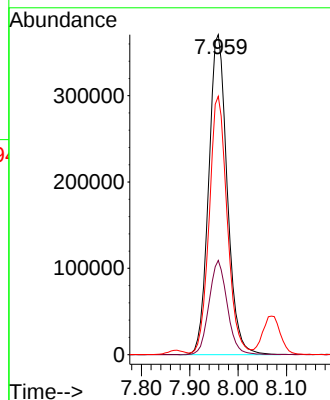
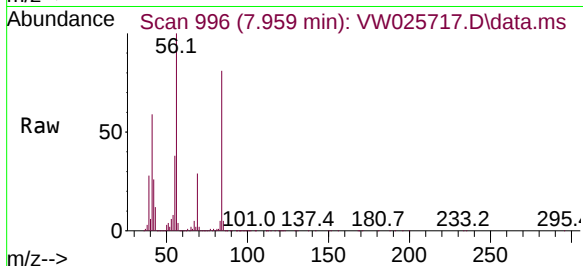
Tgt Ion: 56 Resp: 985502

Ion Ratio Lower Upper

56 100

69 28.9 22.6 34.0

84 78.6 62.2 93.2



#30

1,1,1-Trichloroethane

Concen: 49.120 ug/L

RT: 7.873 min Scan# 982

Delta R.T. -0.001 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

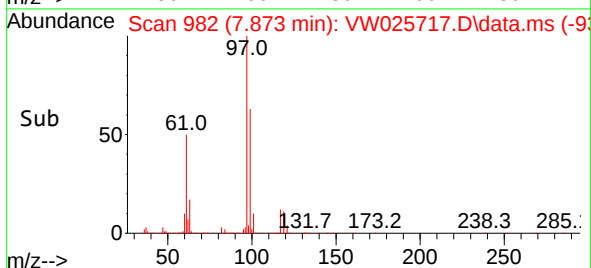
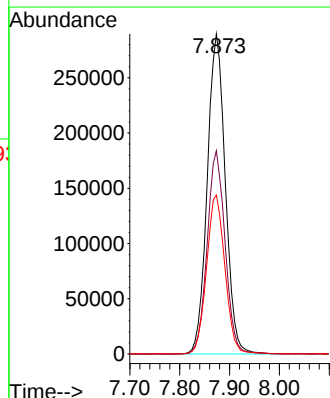
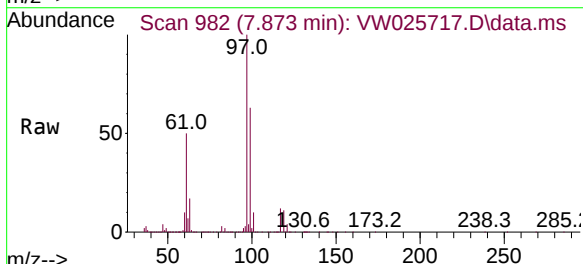
Tgt Ion: 97 Resp: 729024

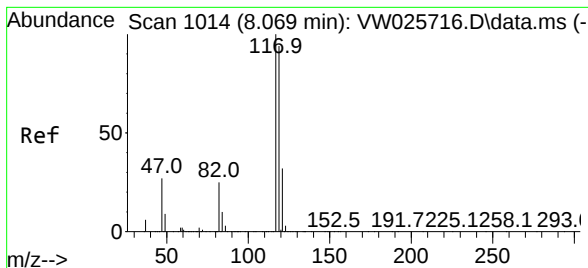
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.4

61 50.7 42.2 63.2

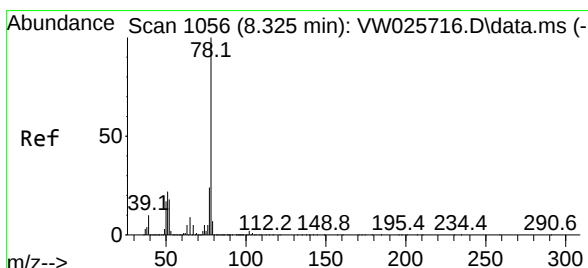
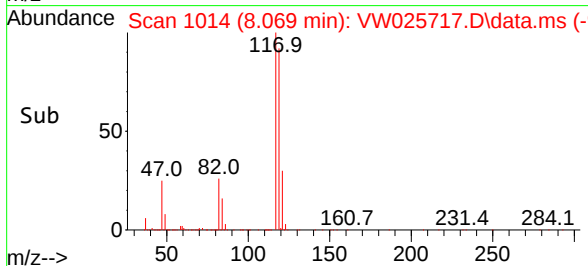
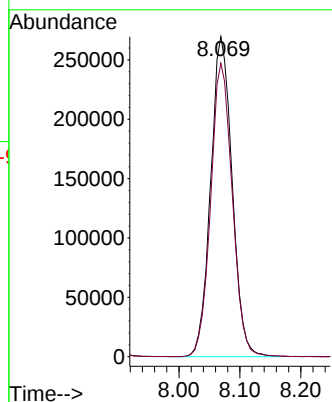
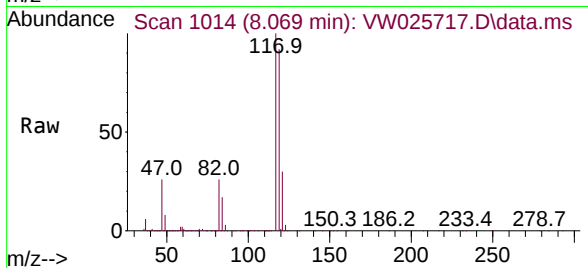




#31
Carbon tetrachloride
Concen: 48.909 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

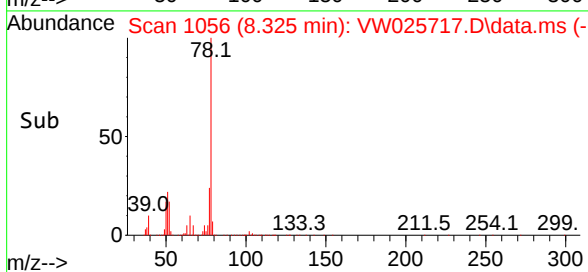
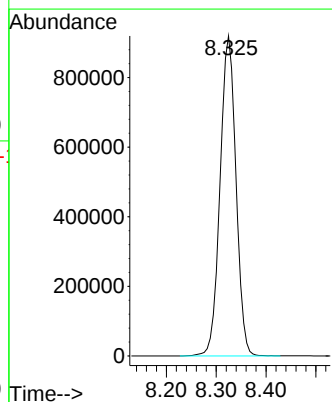
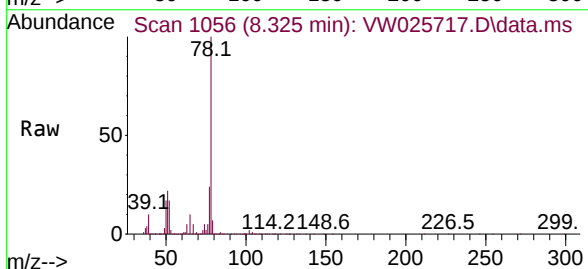
Instrument : MSVOA_W
ClientSampleId : VSTD050446

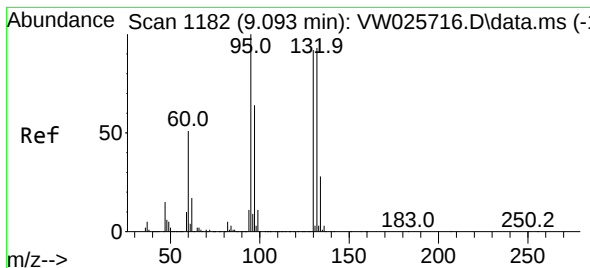
Tgt Ion:117 Resp: 660557
Ion Ratio Lower Upper
117 100
119 92.1 77.4 116.2



#33
Benzene
Concen: 48.794 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion: 78 Resp: 2035922





#34

Trichloroethene

Concen: 47.930 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.001 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD050446

Tgt Ion: 95 Resp: 516568

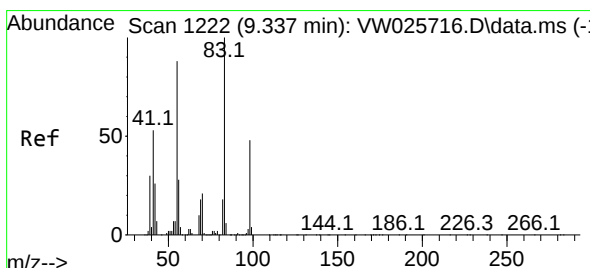
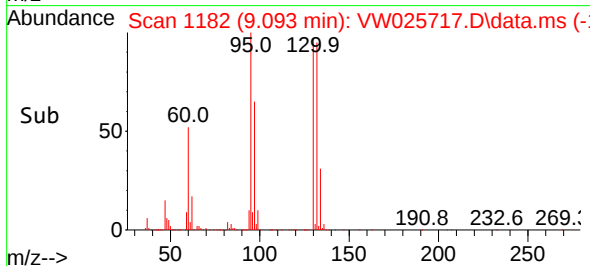
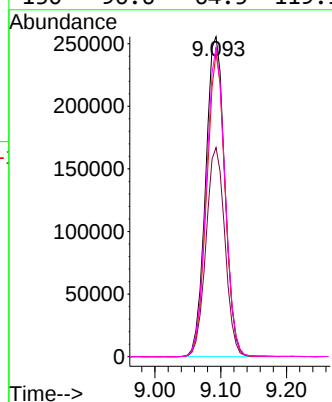
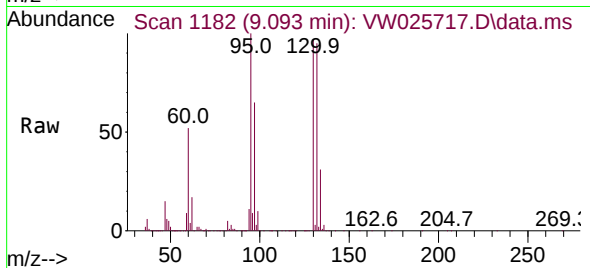
Ion Ratio Lower Upper

95 100

97 65.3 44.7 83.1

132 94.8 65.0 120.6

130 96.6 64.5 119.9



#35

Methylcyclohexane

Concen: 50.638 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.001 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

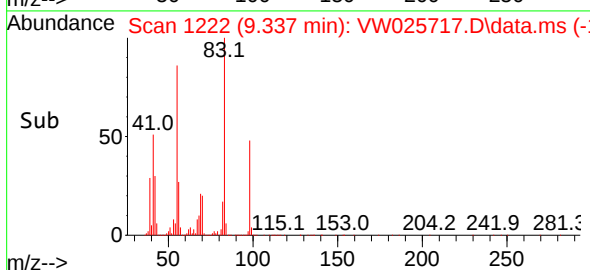
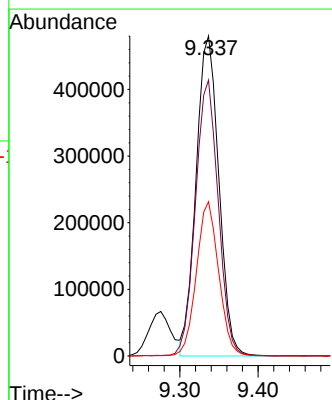
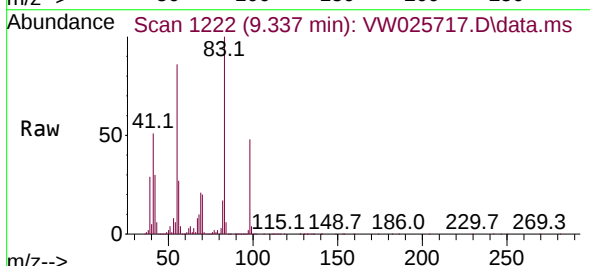
Tgt Ion: 83 Resp: 969979

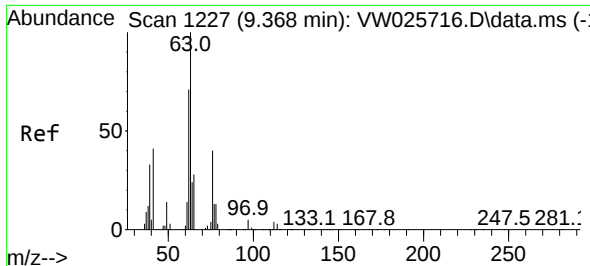
Ion Ratio Lower Upper

83 100

55 86.3 68.7 103.1

98 47.2 37.4 56.2

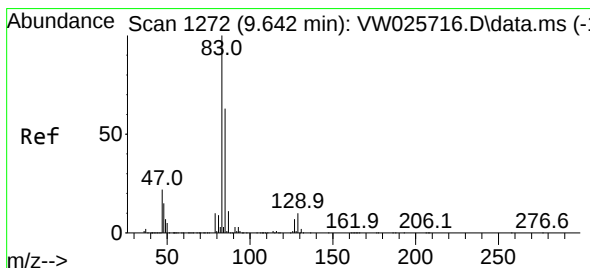
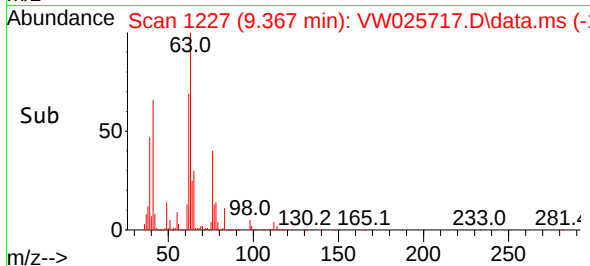
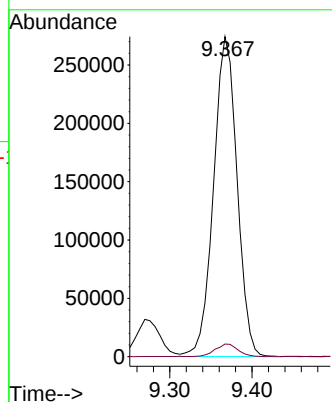
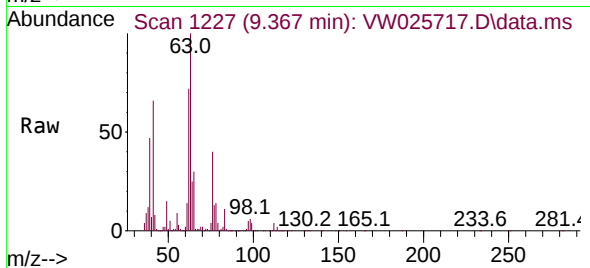




#37
 1,2-Dichloropropane
 Concen: 48.436 ug/L
 RT: 9.367 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

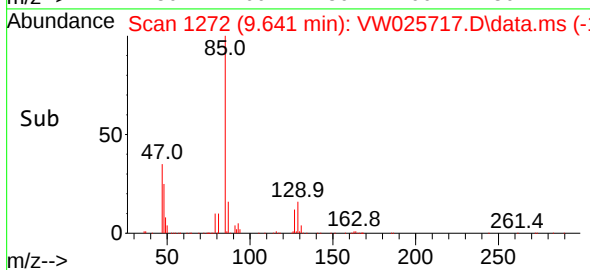
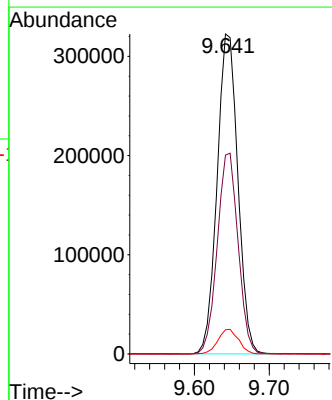
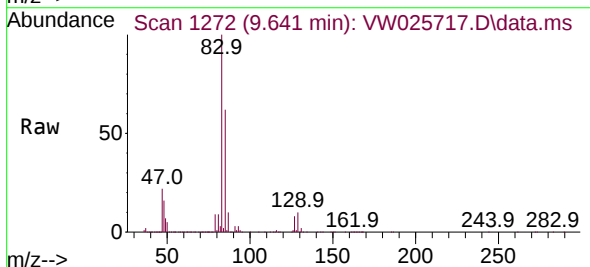
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050446

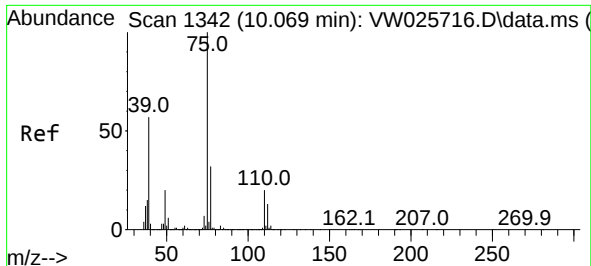
Tgt Ion: 63 Resp: 544751
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.2 4.8



#38
 Bromodichloromethane
 Concen: 48.922 ug/L
 RT: 9.641 min Scan# 1272
 Delta R.T. -0.001 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

Tgt Ion: 83 Resp: 622049
 Ion Ratio Lower Upper
 83 100
 85 62.2 44.4 82.4
 127 7.5 5.5 8.3

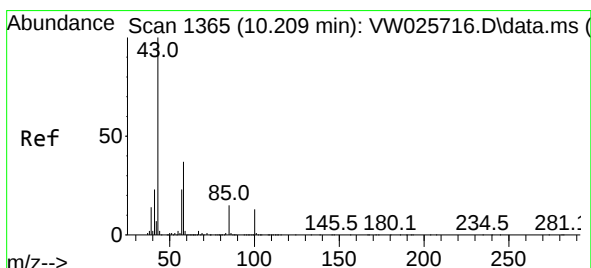
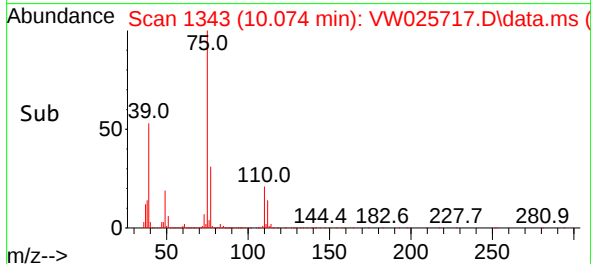
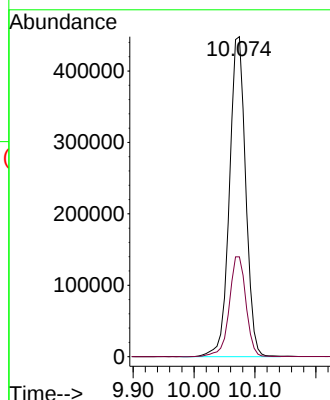
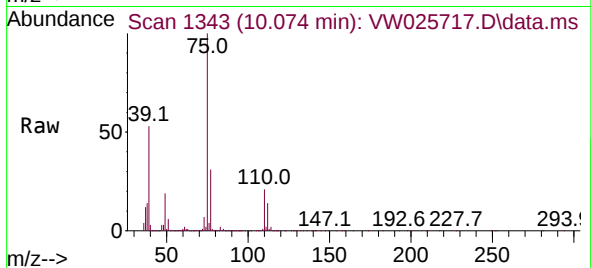




#39
 cis-1,3-Dichloropropene
 Concen: 51.460 ug/L
 RT: 10.074 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

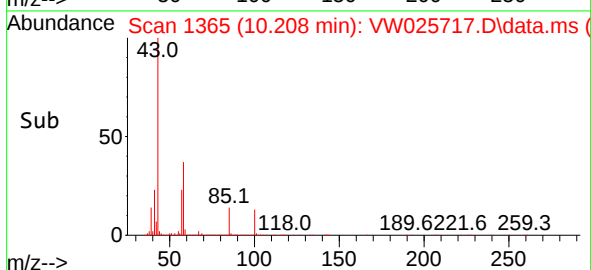
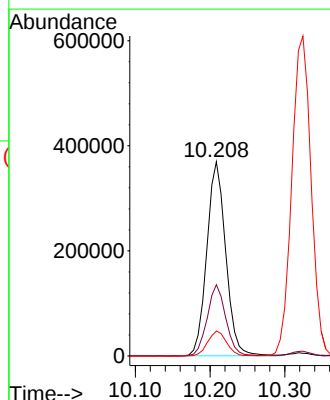
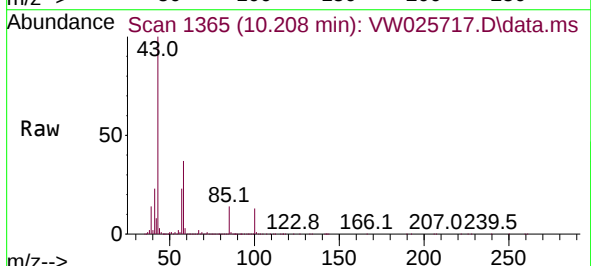
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050446

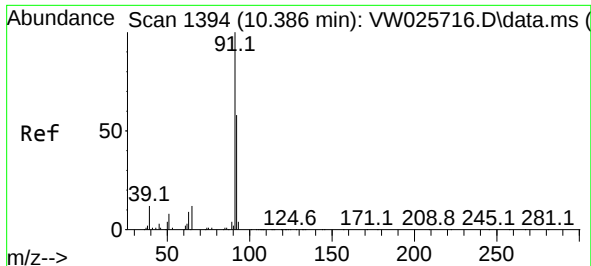
Tgt Ion: 75 Resp: 828805
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 95.849 ug/L
 RT: 10.208 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

Tgt Ion: 43 Resp: 650227
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.4 44.0
 100 12.8 10.2 15.4

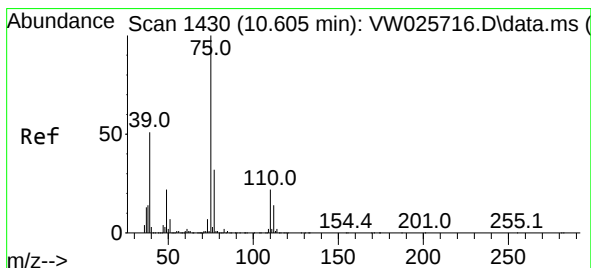
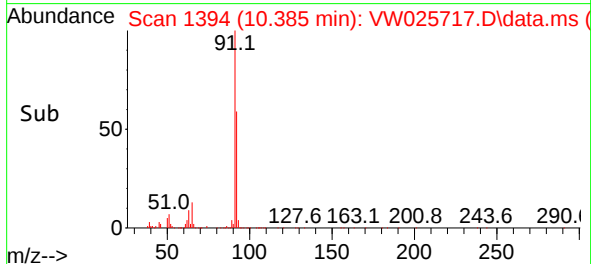
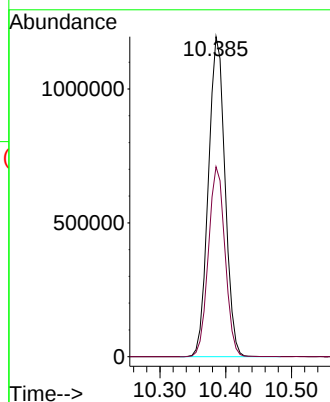
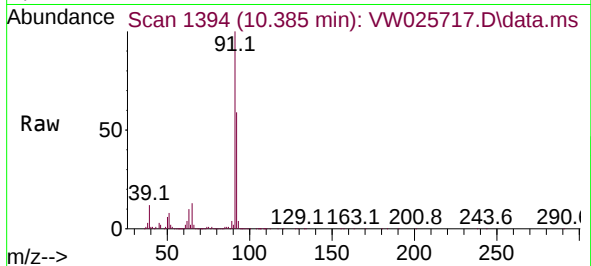




#42
Toluene
Concen: 49.416 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

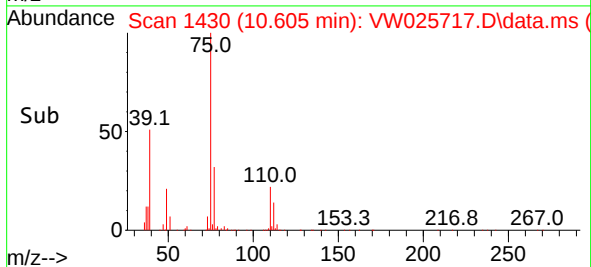
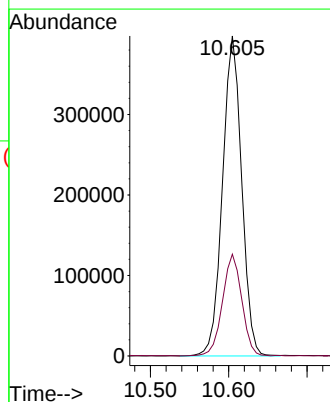
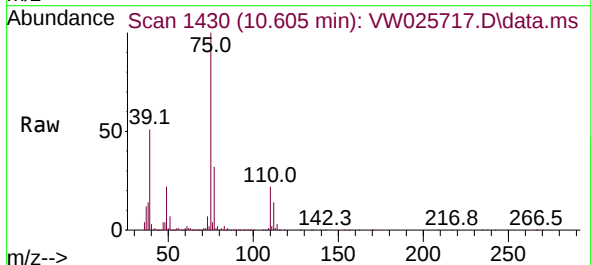
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

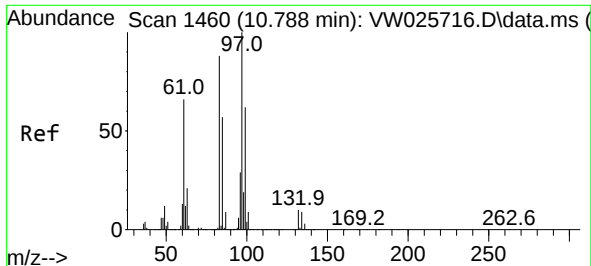
Tgt Ion: 91 Resp: 2103518
Ion Ratio Lower Upper
91 100
92 59.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 51.108 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion: 75 Resp: 676243
Ion Ratio Lower Upper
75 100
77 31.8 22.5 41.7

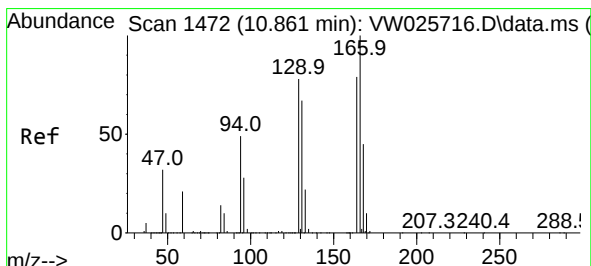
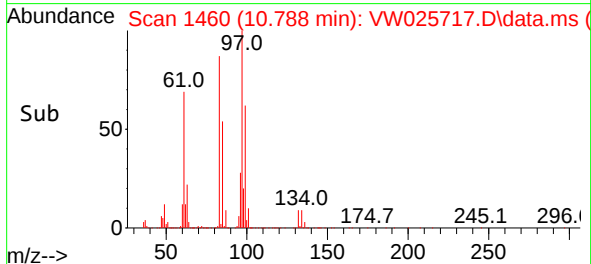
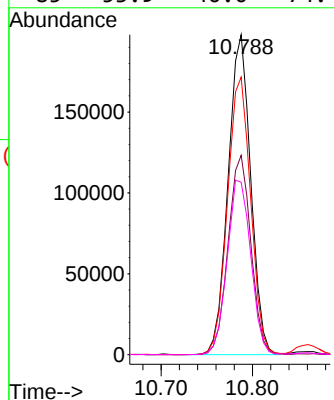
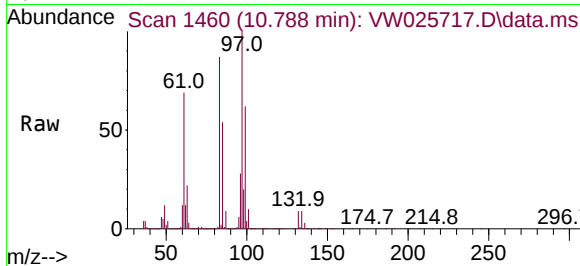




#45
1,1,2-Trichloroethane
Concen: 46.632 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

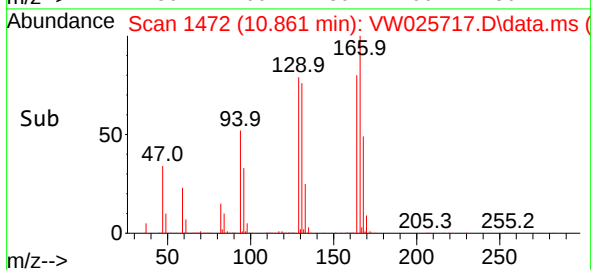
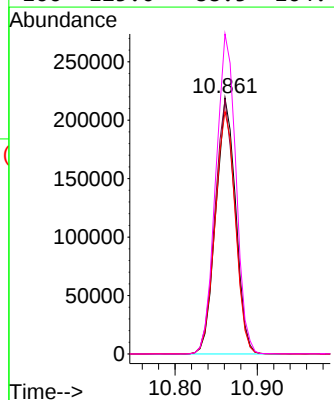
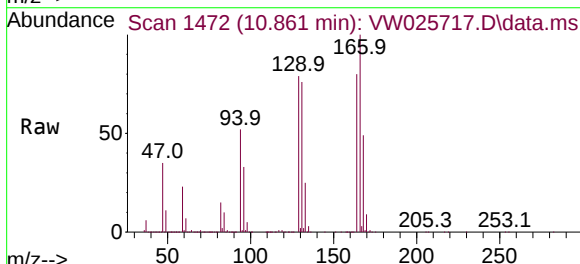
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

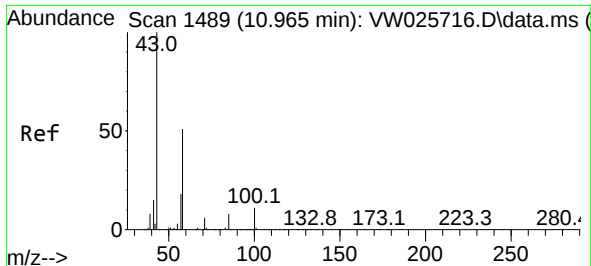
Tgt Ion:	97	Resp:	339838
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.6	81.0
83	86.8	61.5	114.1
85	53.9	40.0	74.4



#46
Tetrachloroethene
Concen: 48.193 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion:	164	Resp:	367826
Ion	Ratio	Lower	Upper
164	100		
129	99.4	69.2	128.6
131	94.7	59.4	110.2
166	125.0	88.5	164.4



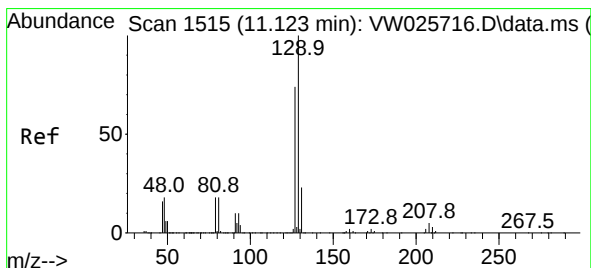
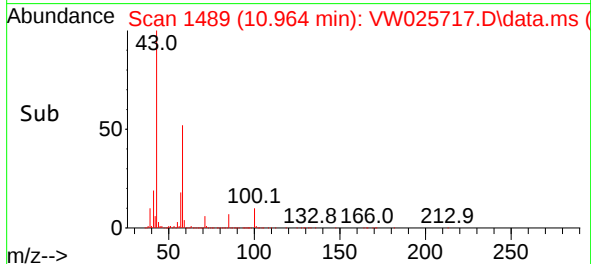
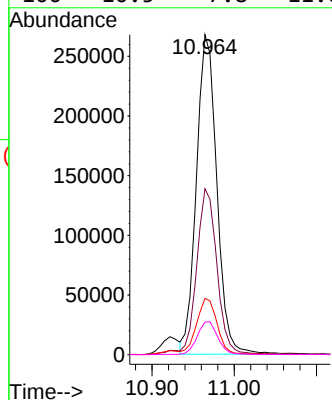
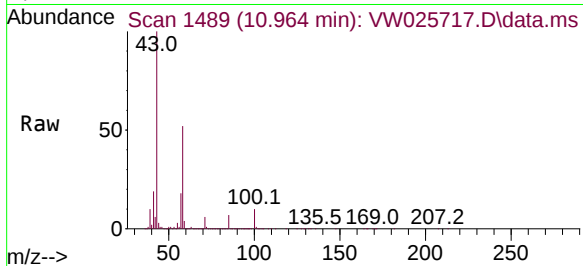


#48
2-Hexanone
Concen: 96.688 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

Tgt Ion: 43 Resp: 461893

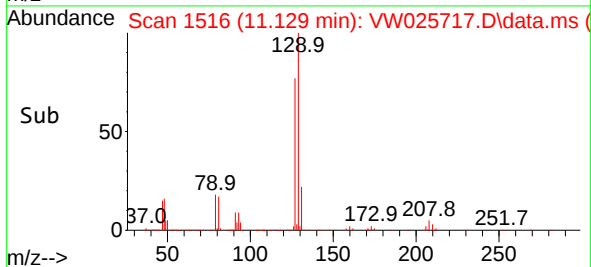
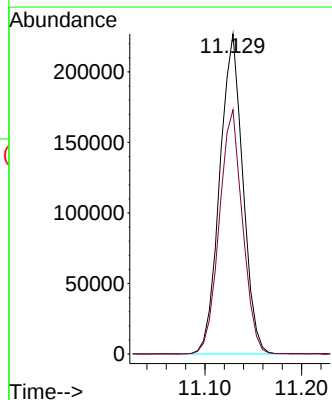
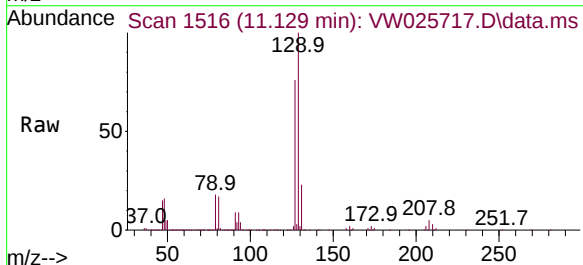
Ion	Ratio	Lower	Upper
43	100		
58	50.7	40.3	60.5
57	17.8	13.8	20.8
100	10.5	7.8	11.6

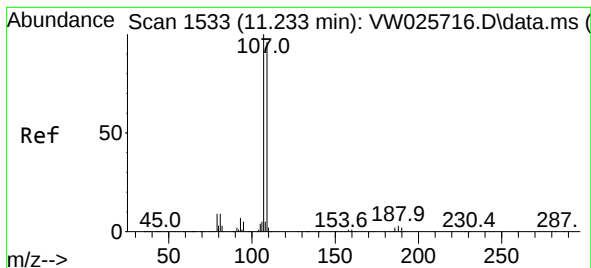


#49
Dibromochloromethane
Concen: 49.724 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion: 129 Resp: 375336

Ion	Ratio	Lower	Upper
129	100		
127	76.3	51.9	96.5

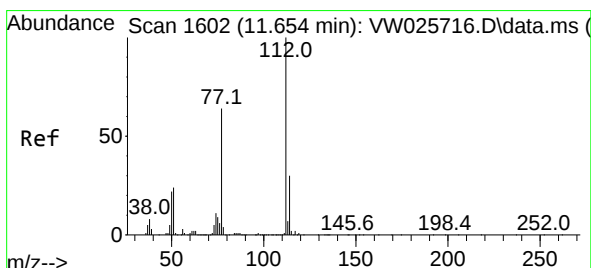
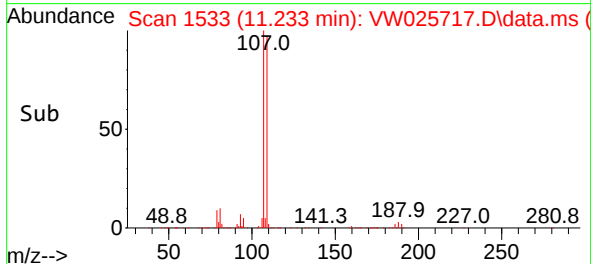
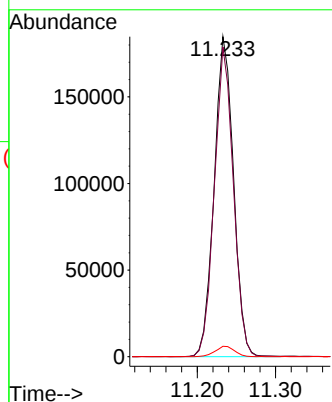
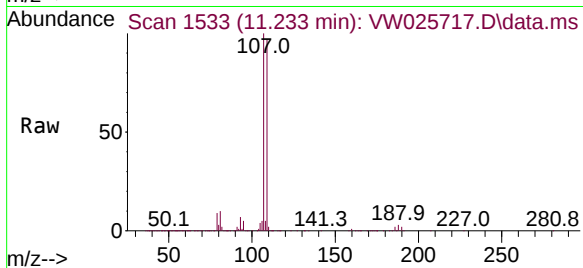




#50
1,2-Dibromoethane
Concen: 47.479 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

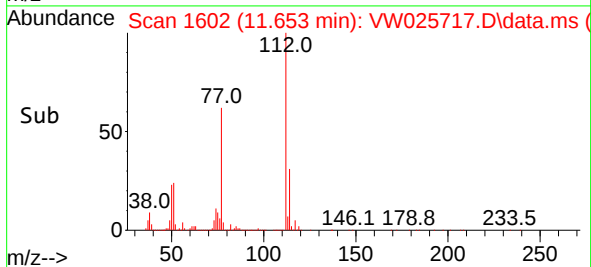
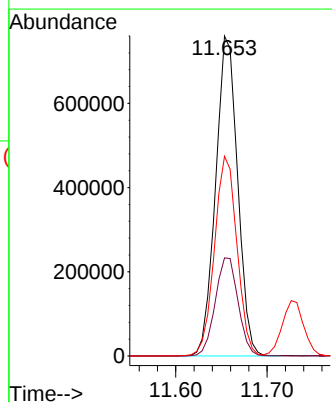
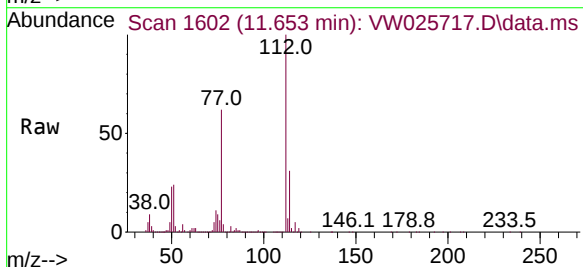
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

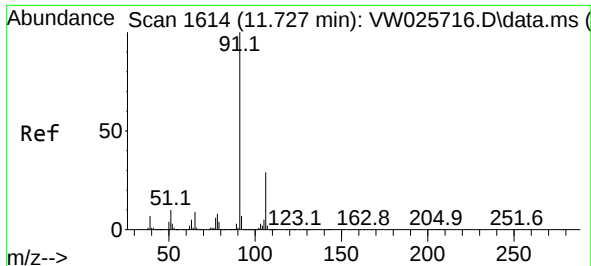
Tgt Ion:107 Resp: 317420
Ion Ratio Lower Upper
107 100
109 96.8 66.9 124.3
188 3.3 2.1 3.1#



#51
Chlorobenzene
Concen: 48.639 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion:112 Resp: 1274171
Ion Ratio Lower Upper
112 100
114 30.6 21.2 39.4
77 62.4 51.5 77.3

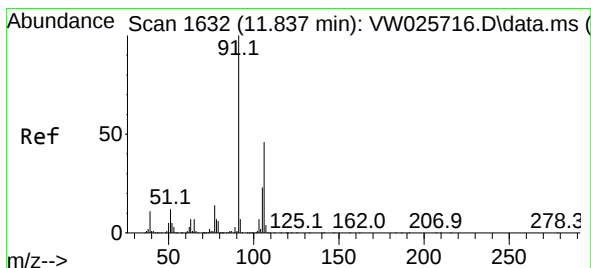
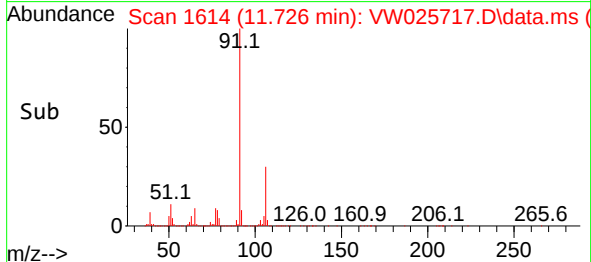
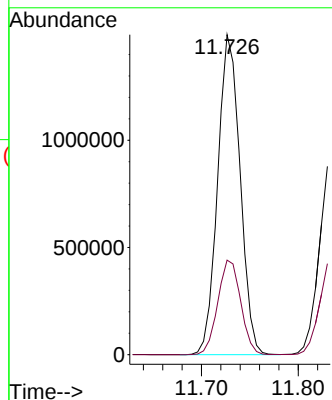
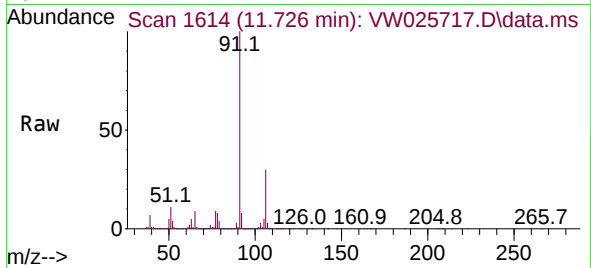




#52
Ethylbenzene
Concen: 50.255 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

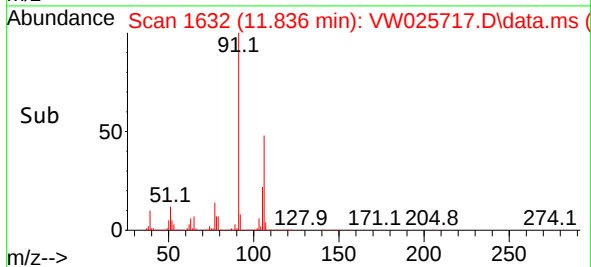
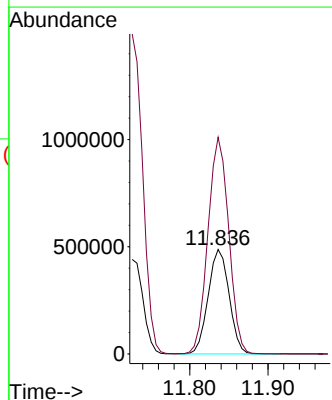
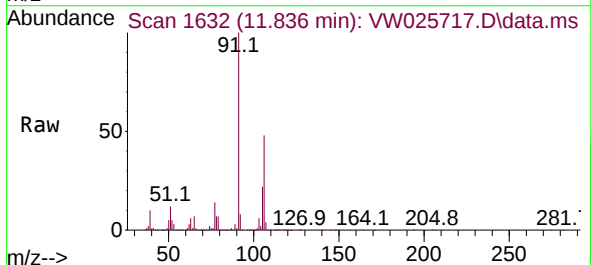
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

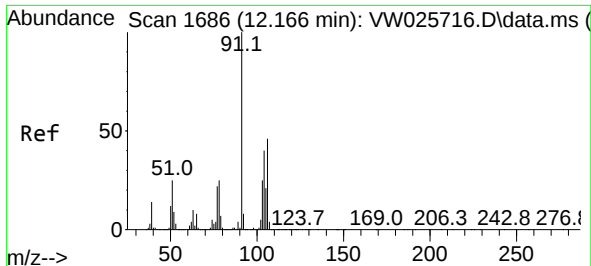
Tgt Ion: 91 Resp: 2398895
Ion Ratio Lower Upper
91 100
106 29.5 20.4 37.8



#53
m,p-Xylene
Concen: 51.247 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion:106 Resp: 903080
Ion Ratio Lower Upper
106 100
91 207.2 151.1 280.5

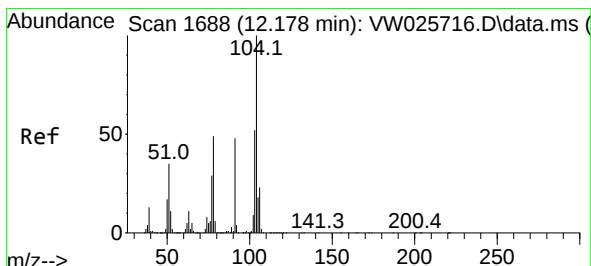
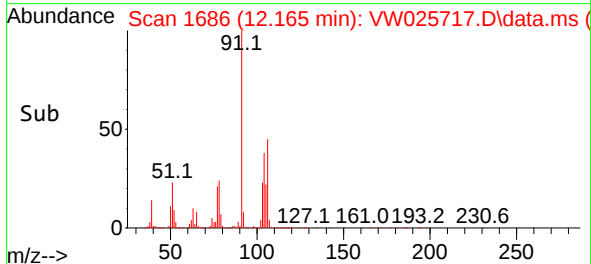
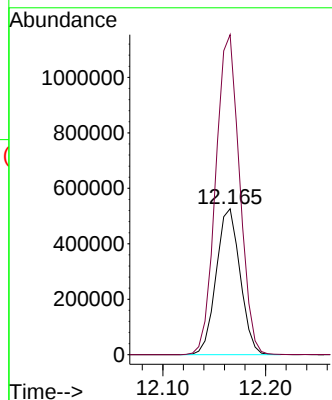
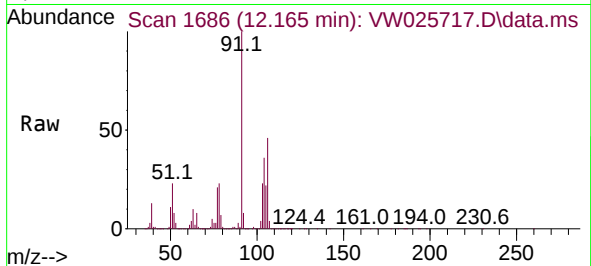




#54
o-Xylene
Concen: 51.644 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

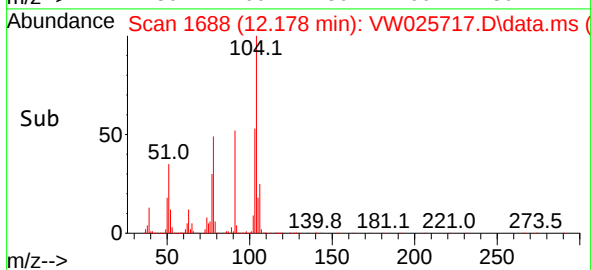
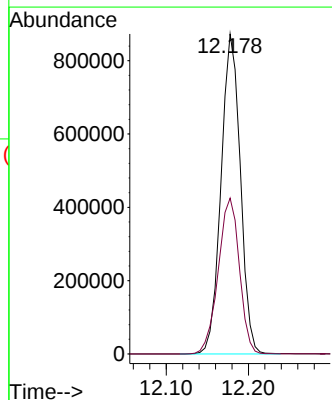
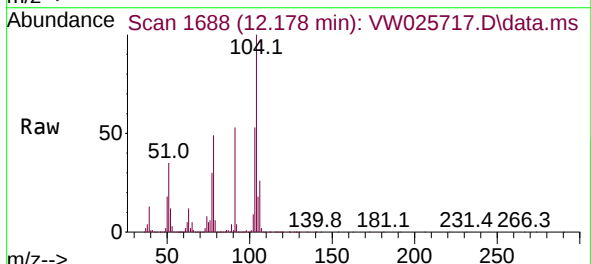
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

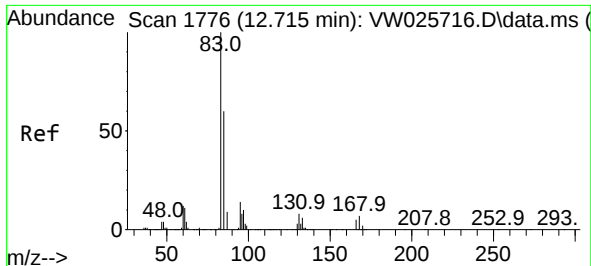
Tgt Ion:106 Resp: 848593
Ion Ratio Lower Upper
106 100
91 219.2 150.8 280.1



#55
Styrene
Concen: 51.124 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion:104 Resp: 1424039
Ion Ratio Lower Upper
104 100
78 48.7 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 45.999 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.001 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD050446

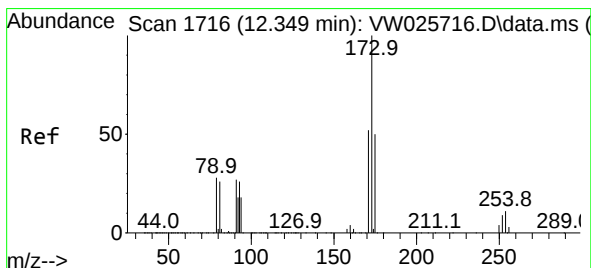
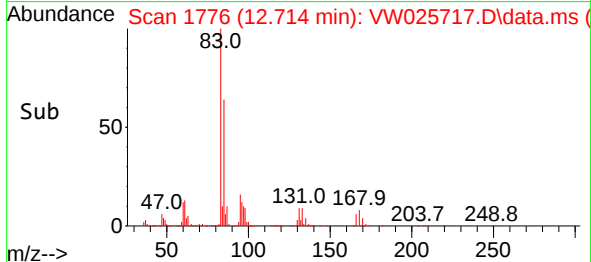
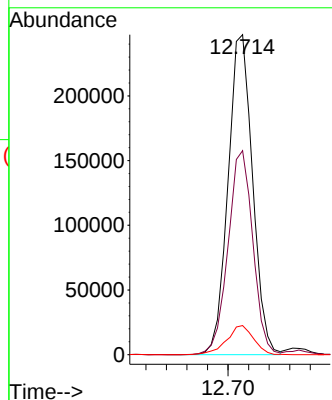
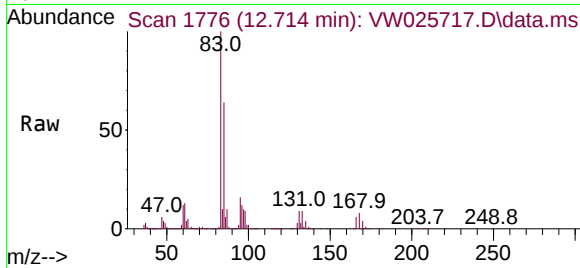
Tgt Ion: 83 Resp: 410553

Ion Ratio Lower Upper

83 100

85 63.8 42.2 78.4

131 9.1 6.6 9.8



#59

Bromoform

Concen: 48.865 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.001 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

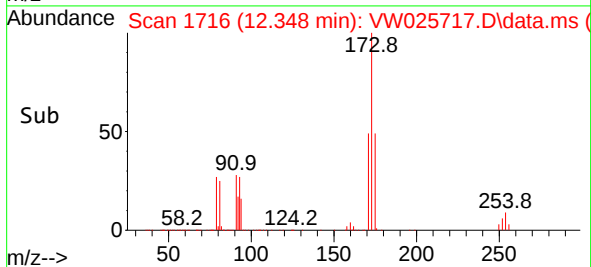
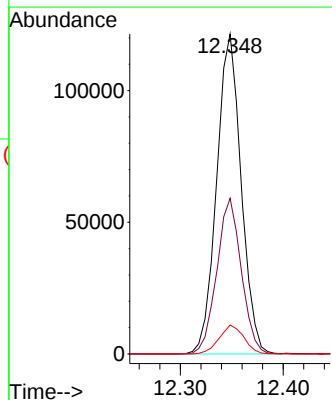
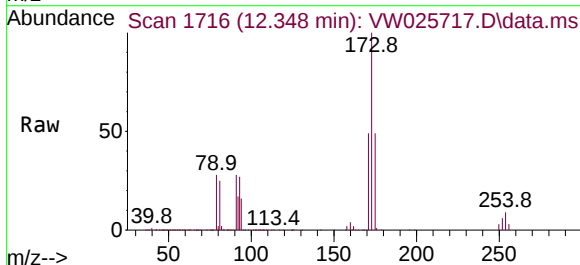
Tgt Ion:173 Resp: 200743

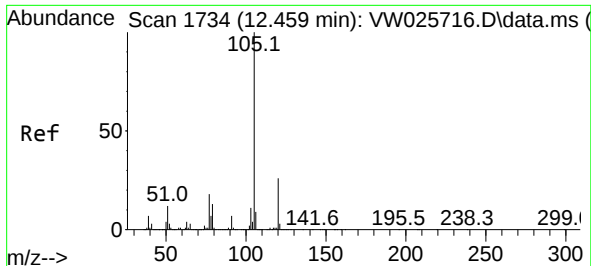
Ion Ratio Lower Upper

173 100

175 48.7 39.4 59.2

254 9.1 7.8 11.6

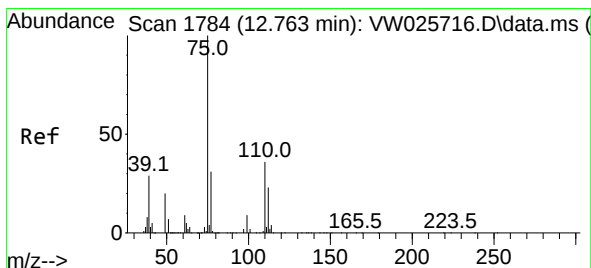
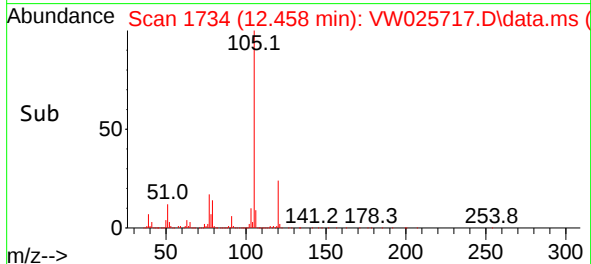
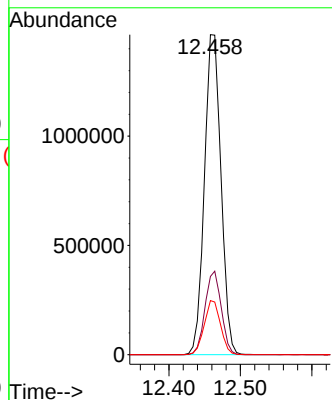
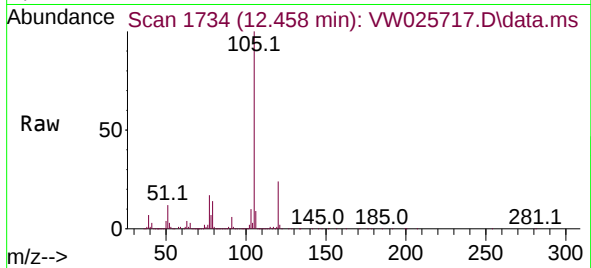




#60
Isopropylbenzene
Concen: 51.767 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

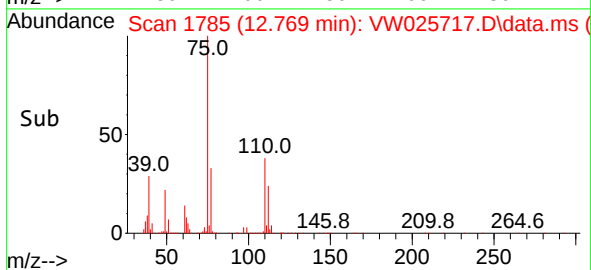
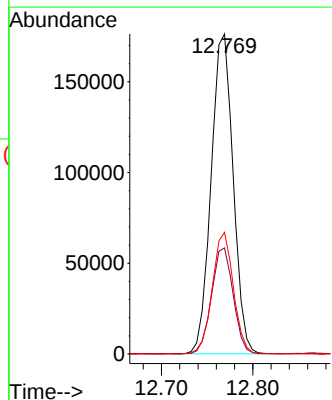
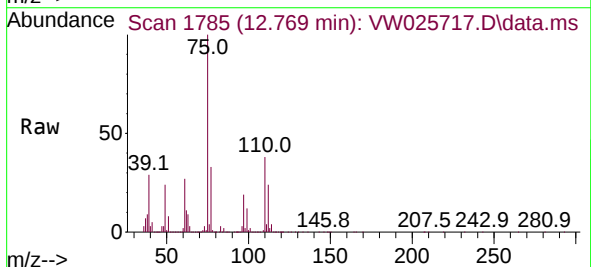
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

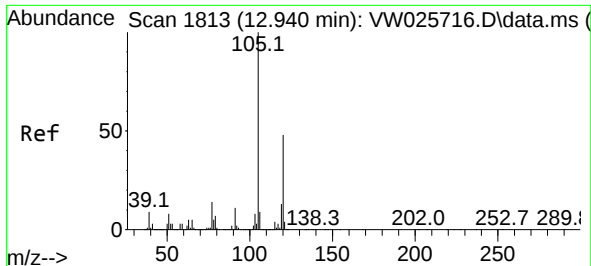
Tgt Ion:105 Resp: 2357318
Ion Ratio Lower Upper
105 100
120 25.5 20.9 31.3
77 16.6 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 45.687 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion: 75 Resp: 294603
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
110 36.4 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 53.352 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

Instrument :

MSVOA_W

ClientSampleId :

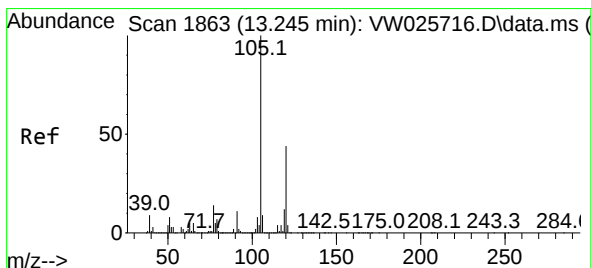
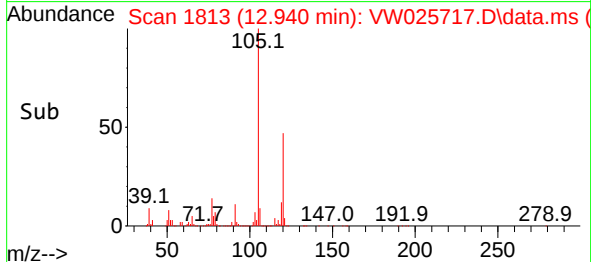
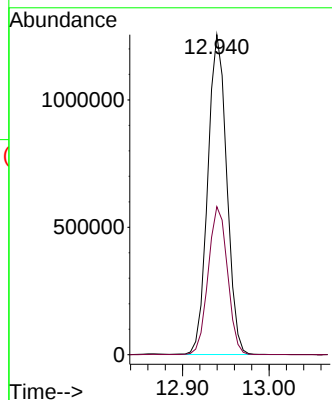
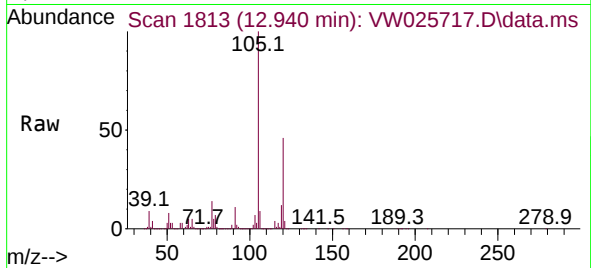
VSTD050446

Tgt Ion:105 Resp: 1910238

Ion Ratio Lower Upper

105 100

120 46.9 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 53.459 ug/L

RT: 13.244 min Scan# 1863

Delta R.T. -0.001 min

Lab File: VW025717.D

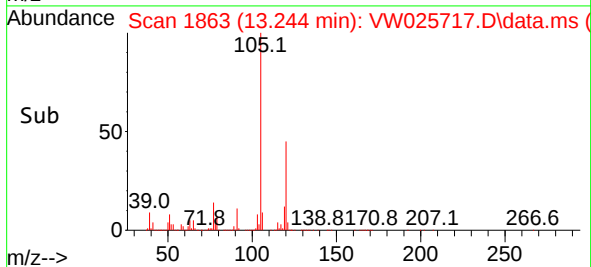
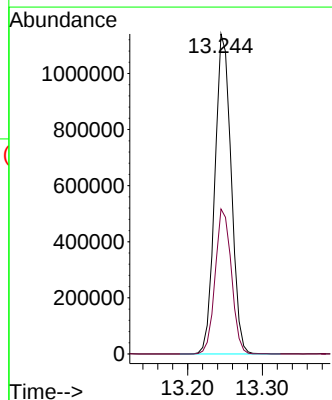
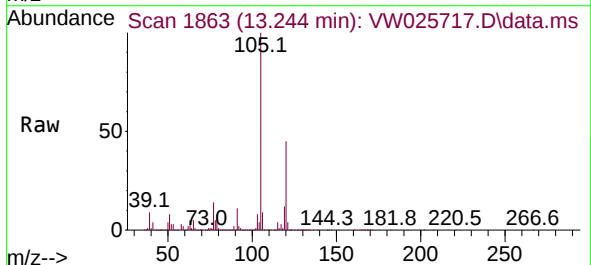
Acq: 27 Apr 2023 09:10

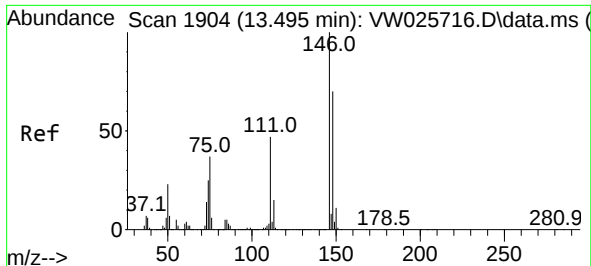
Tgt Ion:105 Resp: 1728972

Ion Ratio Lower Upper

105 100

120 44.9 35.7 53.5

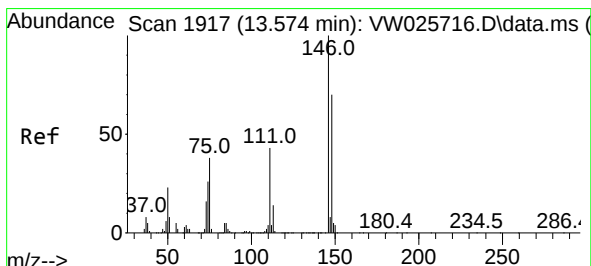
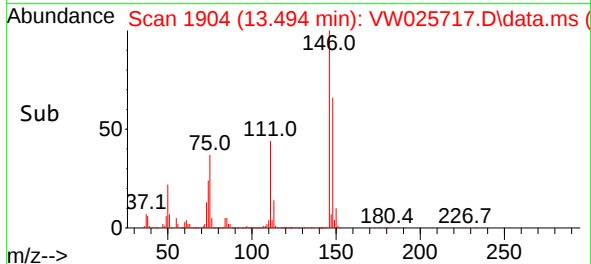
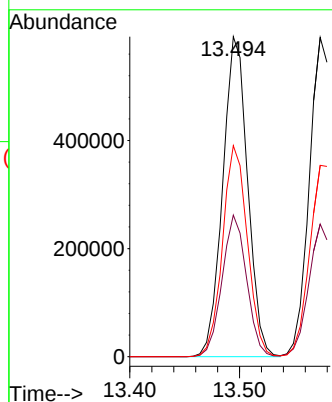
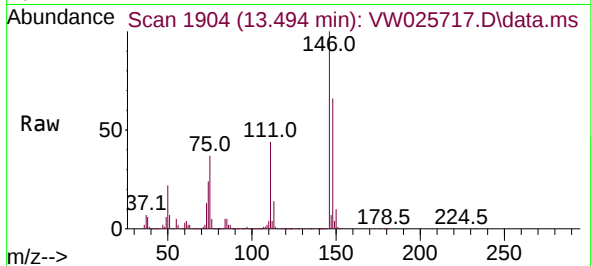




#64
1,3-Dichlorobenzene
Concen: 48.708 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

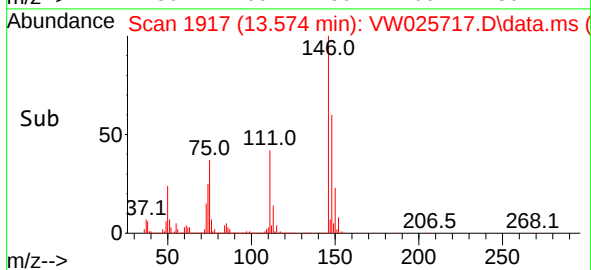
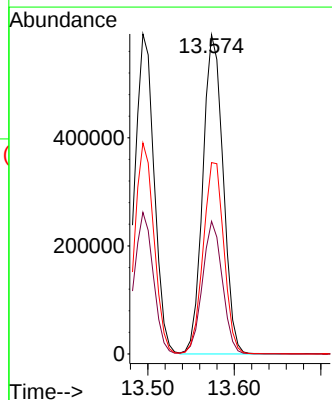
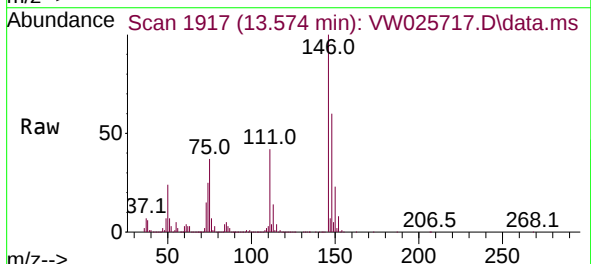
Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

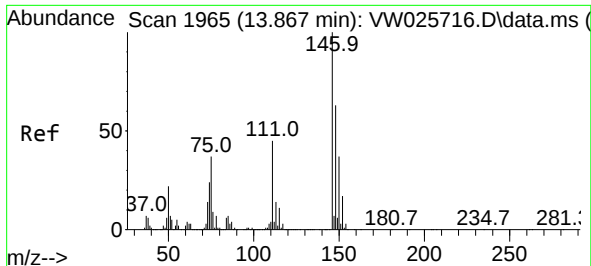
Tgt Ion:146 Resp: 936040
Ion Ratio Lower Upper
146 100
111 44.2 33.0 61.4
148 65.9 48.6 90.3



#65
1,4-Dichlorobenzene
Concen: 49.277 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.001 min
Lab File: VW025717.D
Acq: 27 Apr 2023 09:10

Tgt Ion:146 Resp: 960143
Ion Ratio Lower Upper
146 100
111 41.5 30.4 56.4
148 60.0 49.3 91.5





#67

1,2-Dichlorobenzene

Concen: 48.192 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.001 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD050446

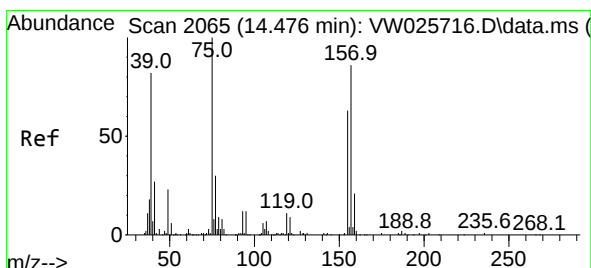
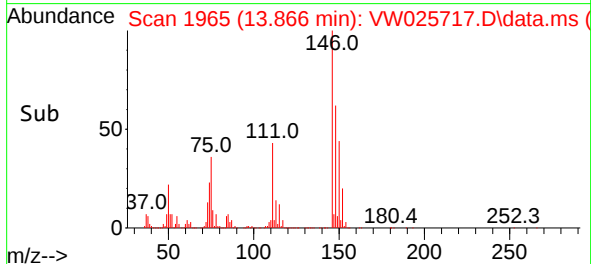
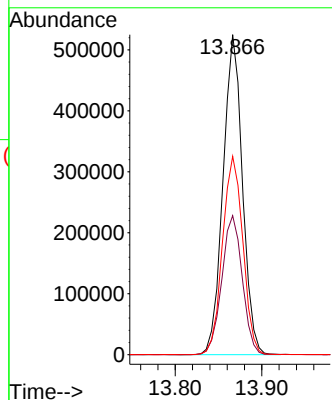
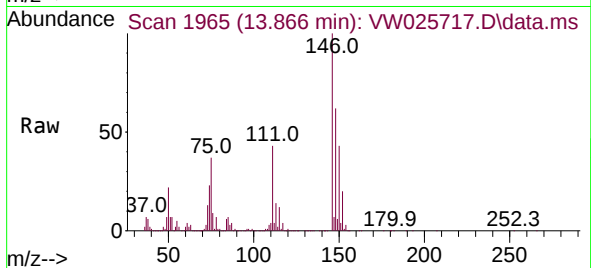
Tgt Ion:146 Resp: 817084

Ion Ratio Lower Upper

146 100

111 43.4 36.2 54.2

148 62.0 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 43.887 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

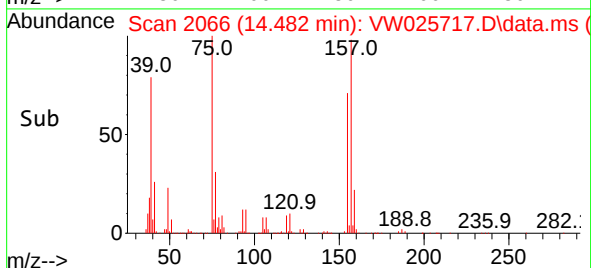
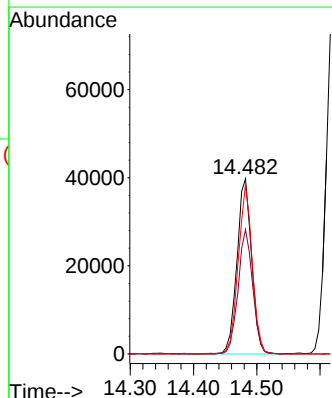
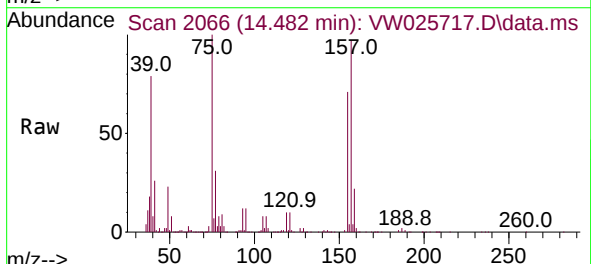
Tgt Ion: 75 Resp: 64500

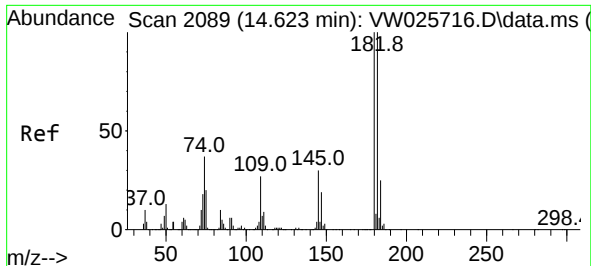
Ion Ratio Lower Upper

75 100

155 71.0 50.3 75.5

157 96.6 68.4 102.6

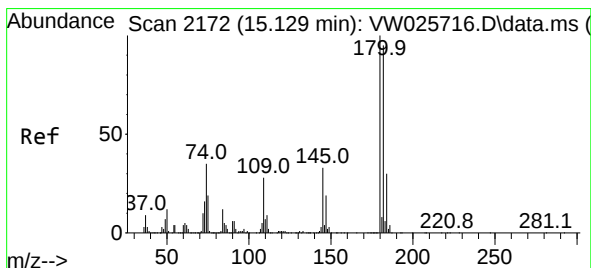
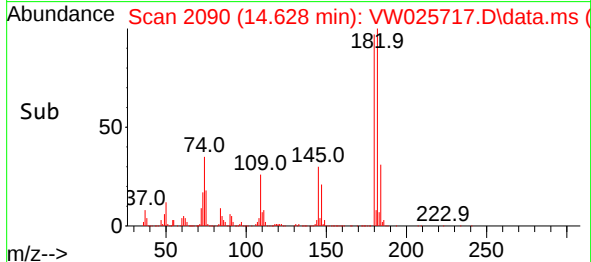
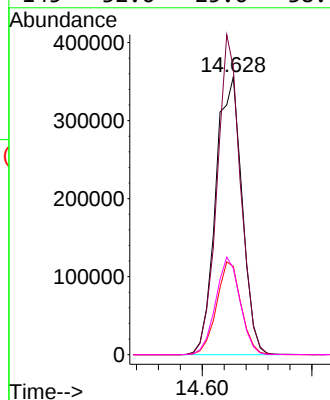
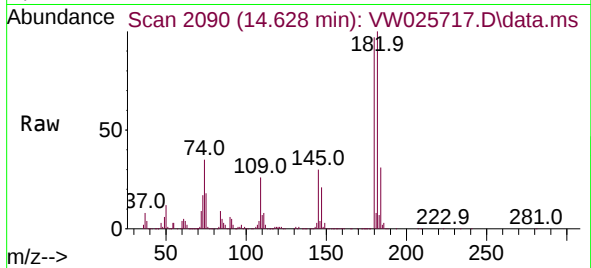




#69
 1,3,5-Trichlorobenzene
 Concen: 47.390 ug/L
 RT: 14.628 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

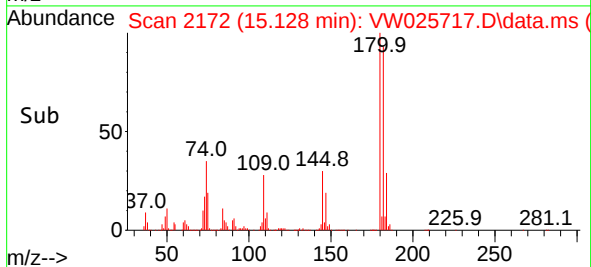
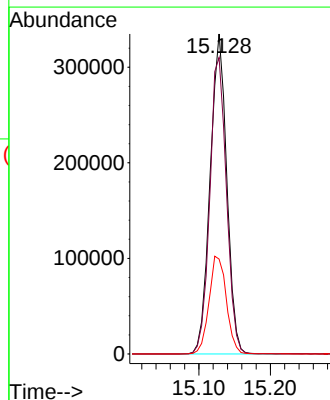
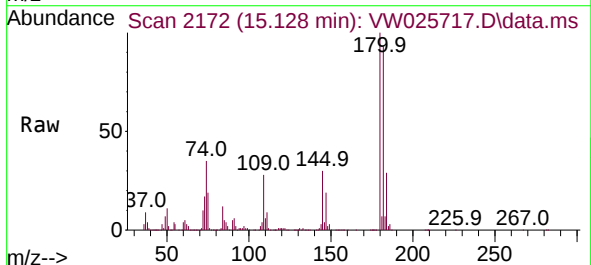
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050446

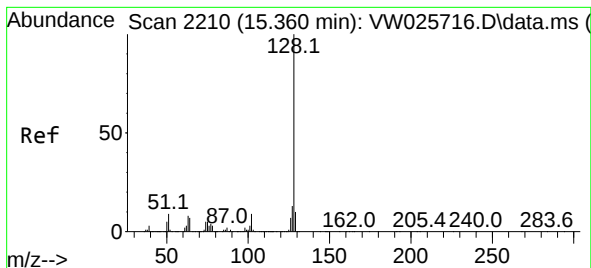
Tgt Ion:	180	Resp:	592507
Ion Ratio	Lower	Upper	
180	100		
182	102.7	79.0	118.4
184	31.1	23.8	35.8
145	32.6	25.6	38.4



#70
 1,2,4-trichlorobenzene
 Concen: 50.648 ug/L
 RT: 15.128 min Scan# 2172
 Delta R.T. -0.001 min
 Lab File: VW025717.D
 Acq: 27 Apr 2023 09:10

Tgt Ion:	180	Resp:	540708
Ion Ratio	Lower	Upper	
180	100		
182	92.7	76.7	115.1
145	31.9	26.4	39.6





#71

Naphthalene

Concen: 51.996 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.001 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

Instrument :

MSVOA_W

ClientSampleId :

VSTD050446

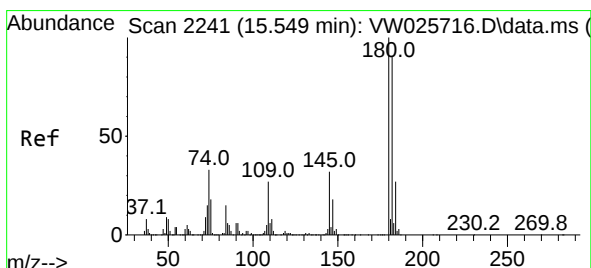
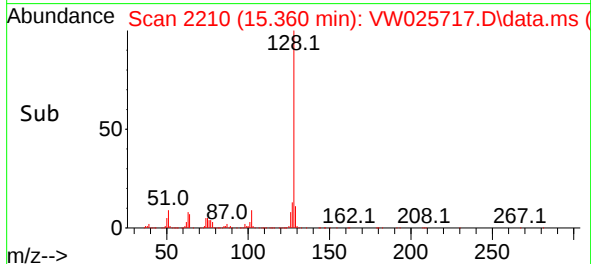
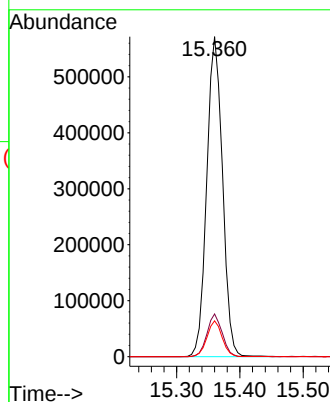
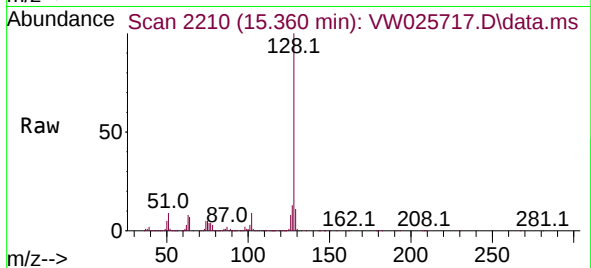
Tgt Ion:128 Resp: 991477

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 47.836 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.001 min

Lab File: VW025717.D

Acq: 27 Apr 2023 09:10

Tgt Ion:180 Resp: 450764

Ion Ratio Lower Upper

180 100

182 96.1 75.6 113.4

145 34.6 27.4 41.0

