

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112122\
 Data File : VW025110.D
 Acq On : 21 Nov 2022 11:04
 Operator : SY/VA
 Sample : VSTD10071
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100471

Quant Time: Nov 22 02:20:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 02:18:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	452738	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	412856	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	192215	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	557271	100.169	ug/L	0.00
7) Chloroethane-d5	2.891	69	370476	101.882	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1165276	97.316	ug/L	0.00
21) 2-Butanone-d5	7.080	46	233712	200.481	ug/L	0.00
24) Chloroform-d	7.653	84	1124129	96.216	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	544559	94.376	ug/L	0.00
32) Benzene-d6	8.275	84	2294265	92.178	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	667911	92.799	ug/L	0.00
41) Toluene-d8	10.323	98	2113962	93.533	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	294584	101.435	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	197423	215.951	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	459108	96.024	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	642473	98.048	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	217683	157.741	ug/L	98
3) Chloromethane	2.221	50	536590	107.303	ug/L	98
5) Vinyl chloride	2.367	62	683875	100.939	ug/L	99
6) Bromomethane	2.782	94	339645	103.130	ug/L	97
8) Chloroethane	2.928	64	330054	105.727	ug/L	99
9) Trichlorofluoromethane	3.263	101	512652	100.296	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	602050	98.351	ug/L	98
12) 1,1-Dichloroethene	4.044	96	600141	100.429	ug/L	98
13) Acetone	4.123	43	240947	197.677	ug/L	100
14) Carbon disulfide	4.391	76	1974936	98.559	ug/L	100
15) Methyl Acetate	4.672	43	203726	100.832	ug/L	99
16) Methylene chloride	4.922	84	599976	74.609	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	629525	99.168	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	835079	99.254	ug/L	100
19) 1,1-Dichloroethane	6.220	63	1109861	99.222	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	666233	101.328	ug/L	98
22) 2-Butanone	7.171	43	304751	195.301	ug/L	99
23) Bromochloromethane	7.519	128	266448	99.926	ug/L	97
25) Chloroform	7.677	83	1103968	98.618	ug/L	99
27) 1,2-Dichloroethane	8.403	62	662589	98.054	ug/L	100
29) Cyclohexane	7.958	56	1122787	98.804	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	958528	95.471	ug/L	99
31) Carbon tetrachloride	8.073	117	867063	95.168	ug/L	100
33) Benzene	8.323	78	2509904	94.229	ug/L	100
34) Trichloroethene	9.091	95	667778	95.652	ug/L	97
35) Methylcyclohexane	9.335	83	1215882	96.273	ug/L	98
37) 1,2-Dichloropropane	9.366	63	609545	95.113	ug/L	100
38) Bromodichloromethane	9.646	83	793542	96.933	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	981823	102.225	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	588567	207.854	ug/L	99
42) Toluene	10.390	91	2700637	96.157	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	823972	105.030	ug/L	100

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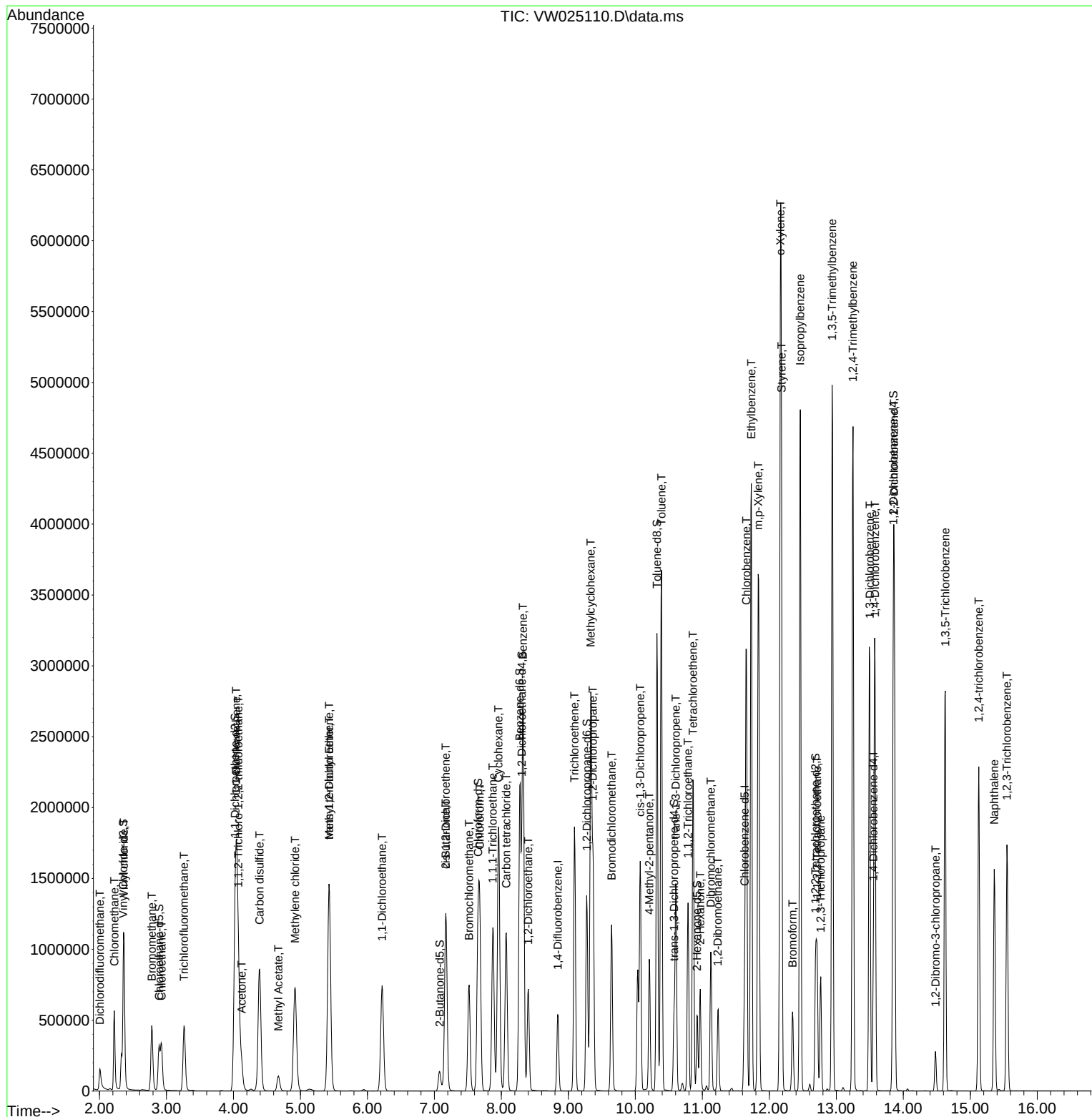
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	414289	96.584	ug/L	98
46) Tetrachloroethene	10.859	164	478990	92.242	ug/L	96
48) 2-Hexanone	10.969	43	436400	213.371	ug/L	99
49) Dibromochloromethane	11.128	129	510931	99.697	ug/L	91
50) 1,2-Dibromoethane	11.231	107	402377	101.036	ug/L	93
51) Chlorobenzene	11.658	112	1690013	97.005	ug/L	98
52) Ethylbenzene	11.731	91	3072543	97.212	ug/L	100
53) m,p-Xylene	11.835	106	1185756	97.782	ug/L	94
54) o-Xylene	12.164	106	1132581	100.014	ug/L	95
55) Styrene	12.182	104	1910673	100.663	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	465732	98.346	ug/L	95
59) Bromoform	12.347	173	248472	100.861	ug/L	96
60) Isopropylbenzene	12.463	105	3134083	100.770	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	340609	99.056	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2757809	103.763	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2635600	102.835	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	1256136	99.818	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	1212587	97.220	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	1072412	98.426	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	74902	108.475	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	825962	101.985	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	679167	113.195	ug/L	99
71) Naphthalene	15.359	128	1335259	121.391	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	555491	111.015	ug/L	100

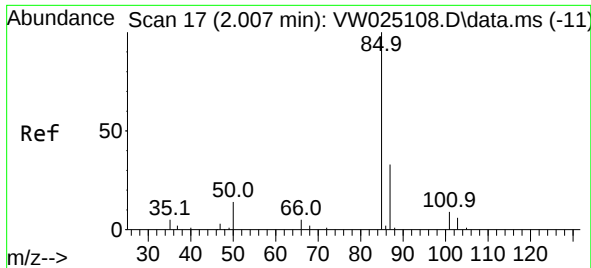
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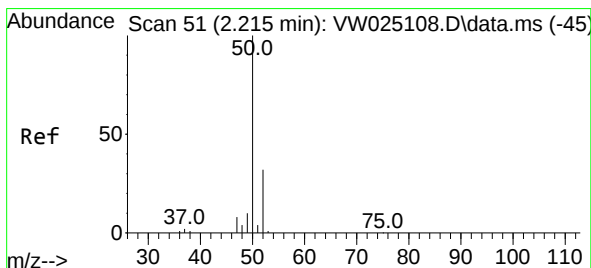
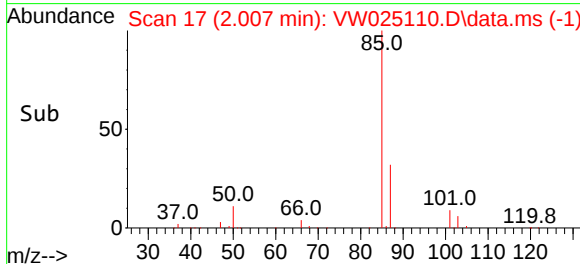
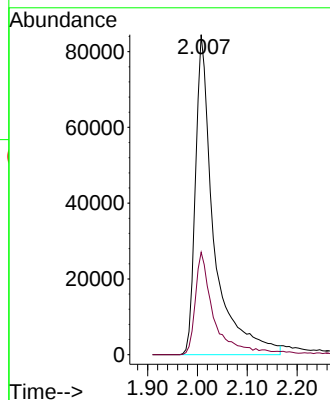
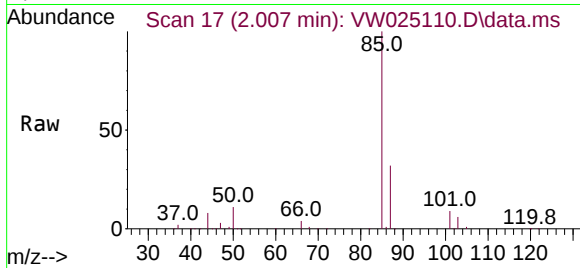




#2
 Dichlorodifluoromethane
 Concen: 157.741 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW025110.D
 Acq: 21 Nov 2022 11:04

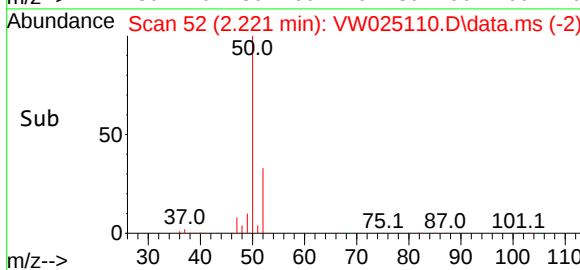
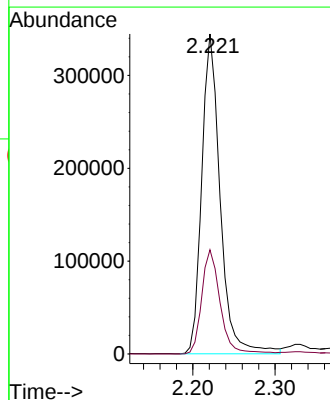
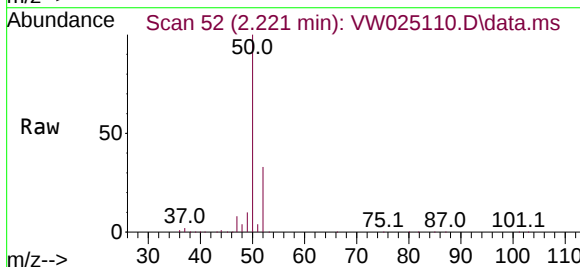
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100471

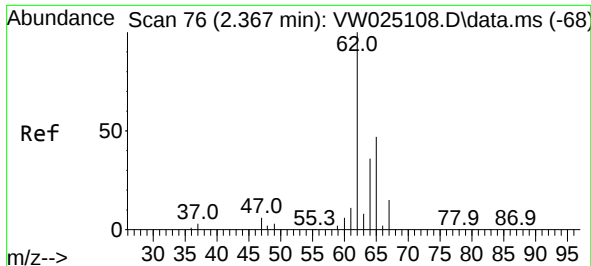
Tgt Ion: 85 Resp: 217683
 Ion Ratio Lower Upper
 85 100
 87 30.1 25.0 37.6



#3
 Chloromethane
 Concen: 107.303 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW025110.D
 Acq: 21 Nov 2022 11:04

Tgt Ion: 50 Resp: 536590
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.1 41.1

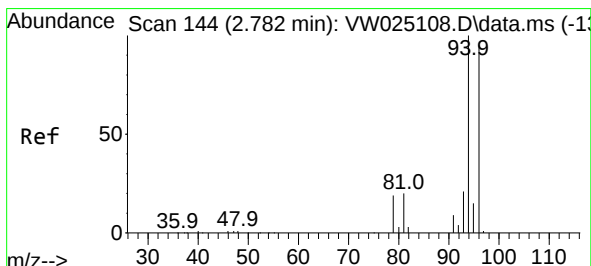
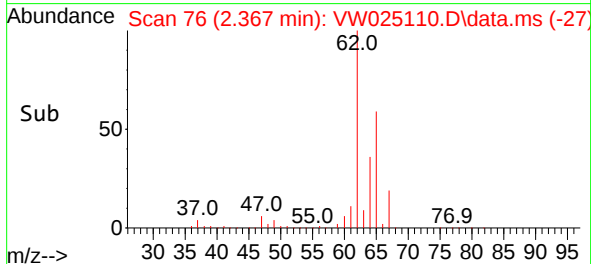
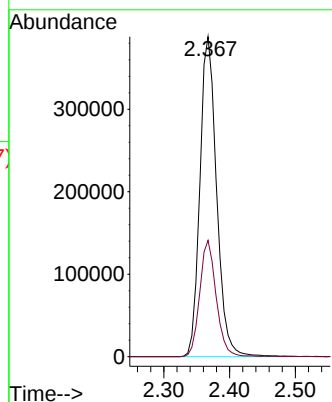
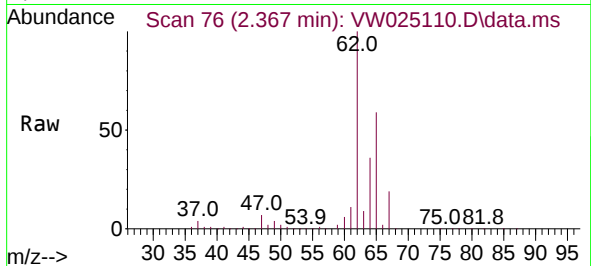




#5
 Vinyl chloride
 Concen: 100.939 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW025110.D
 Acq: 21 Nov 2022 11:04

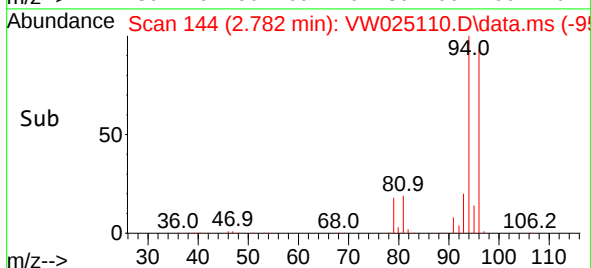
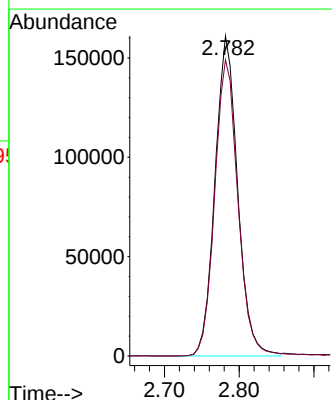
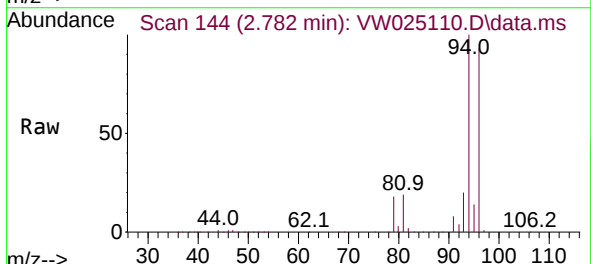
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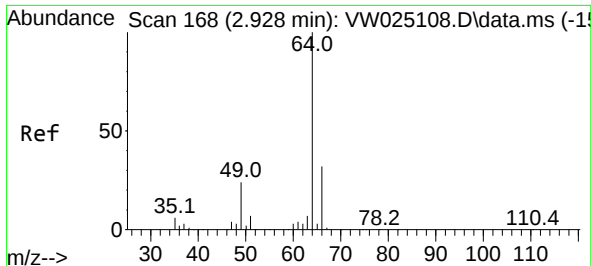
Tgt Ion: 62 Resp: 683875
 Ion Ratio Lower Upper
 62 100
 64 36.4 24.8 46.1



#6
 Bromomethane
 Concen: 103.130 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW025110.D
 Acq: 21 Nov 2022 11:04

Tgt Ion: 94 Resp: 339645
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.7 123.9





#8

Chloroethane

Concen: 105.727 ug/L

RT: 2.928 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

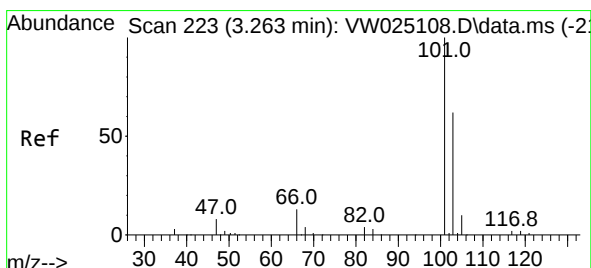
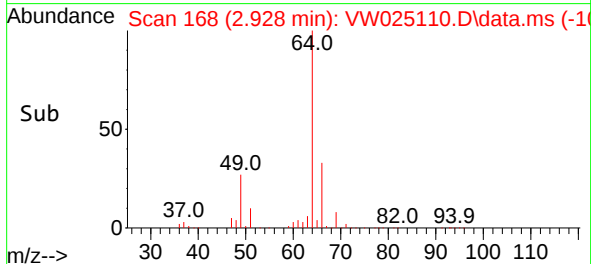
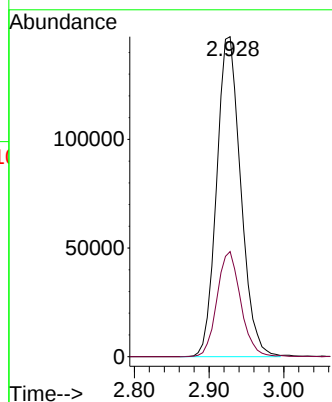
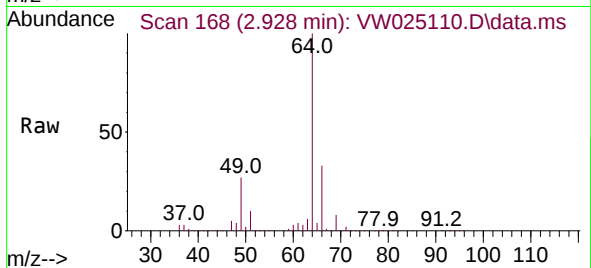
VSTD100471

Tgt Ion: 64 Resp: 330054

Ion Ratio Lower Upper

64 100

66 32.8 22.7 42.1



#9

Trichlorofluoromethane

Concen: 100.296 ug/L

RT: 3.263 min Scan# 223

Delta R.T. -0.000 min

Lab File: VW025110.D

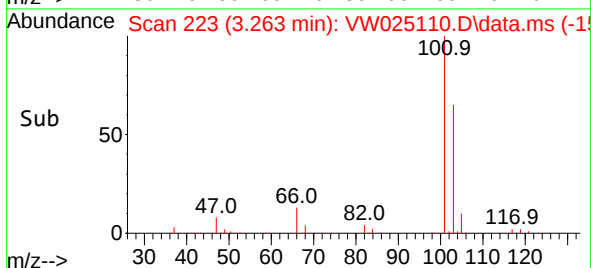
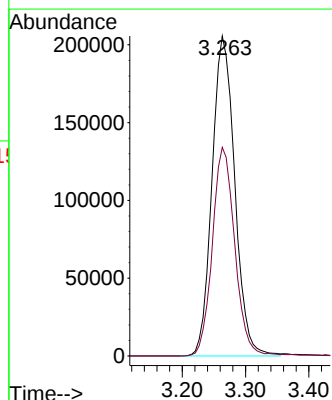
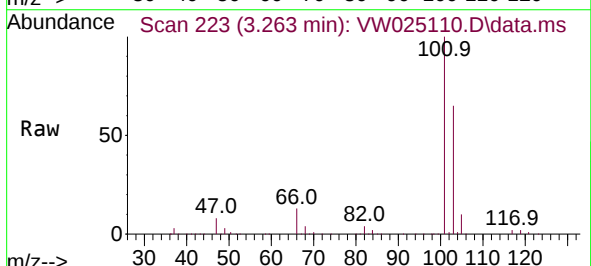
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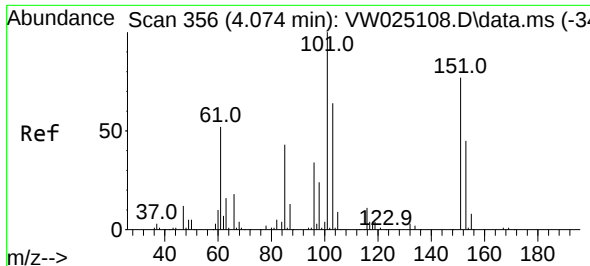
Tgt Ion:101 Resp: 512652

Ion Ratio Lower Upper

101 100

103 63.9 50.9 76.3

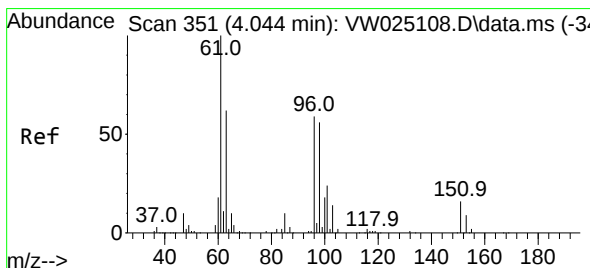
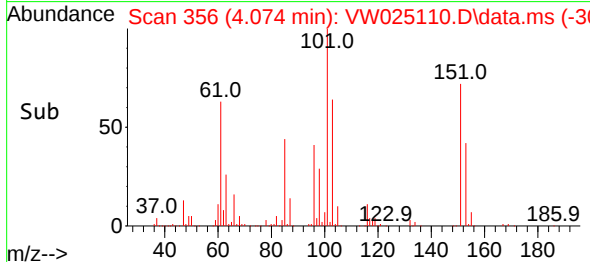
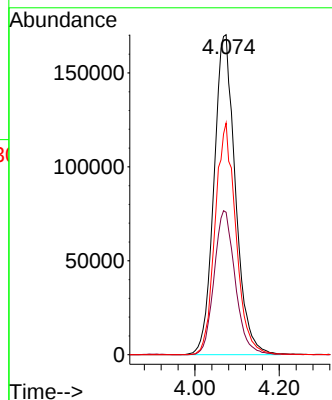
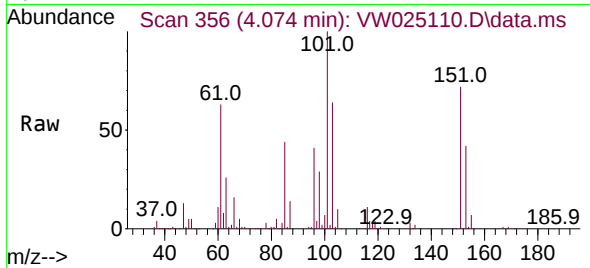




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 98.351 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. -0.000 min
 Lab File: VW025110.D
 Acq: 21 Nov 2022 11:04

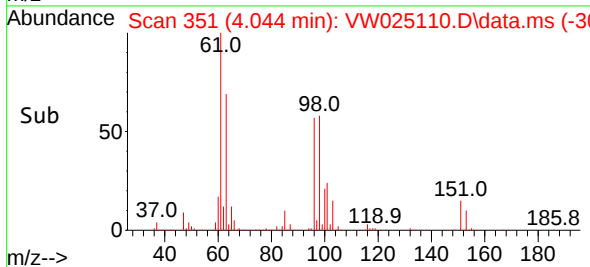
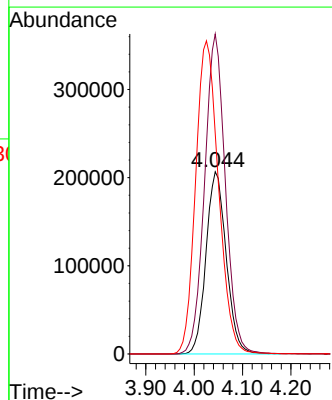
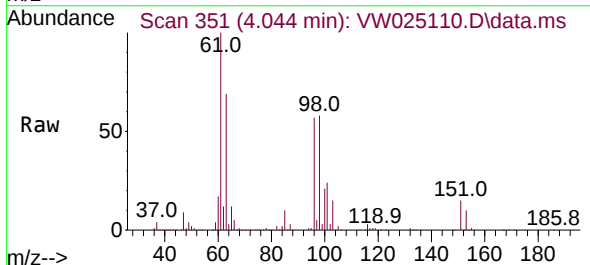
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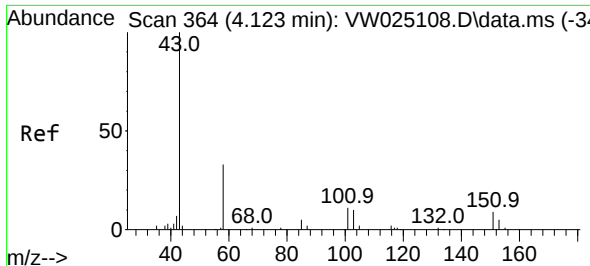
Tgt Ion:101 Resp: 602050
 Ion Ratio Lower Upper
 101 100
 85 44.1 34.6 52.0
 151 70.0 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 100.429 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025110.D
 Acq: 21 Nov 2022 11:04

Tgt Ion: 96 Resp: 600141
 Ion Ratio Lower Upper
 96 100
 61 175.7 120.8 224.4
 63 120.9 84.1 156.1

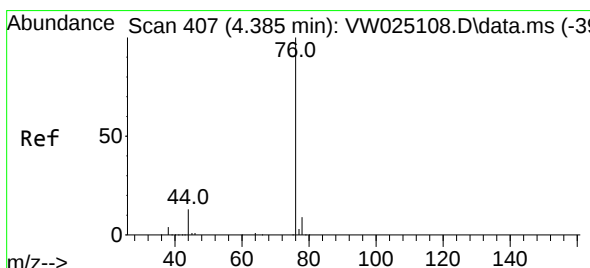
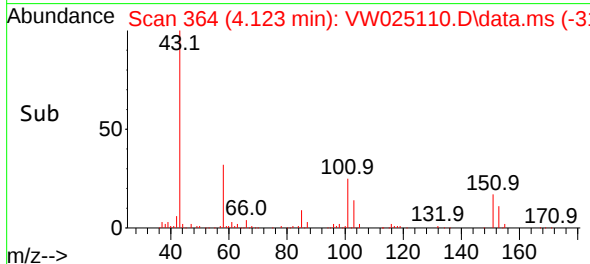
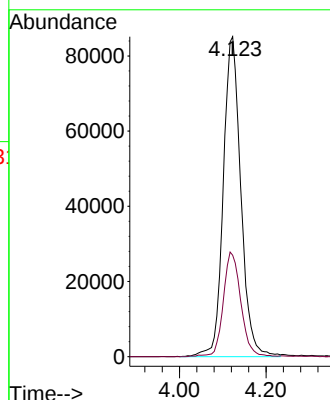
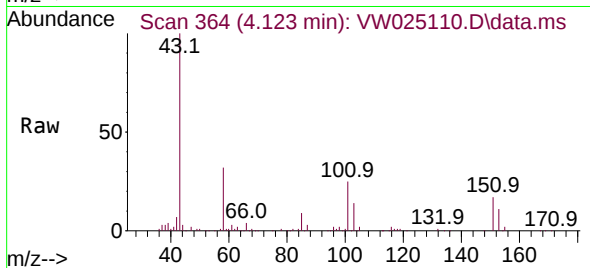




#13
Acetone
Concen: 197.677 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

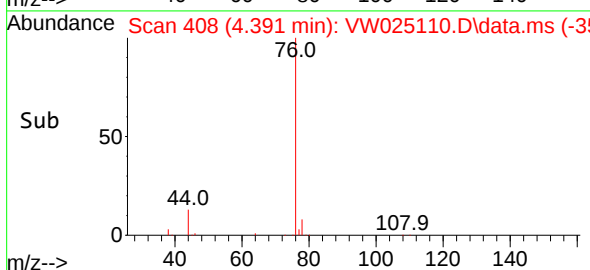
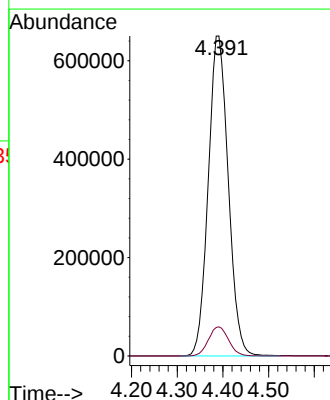
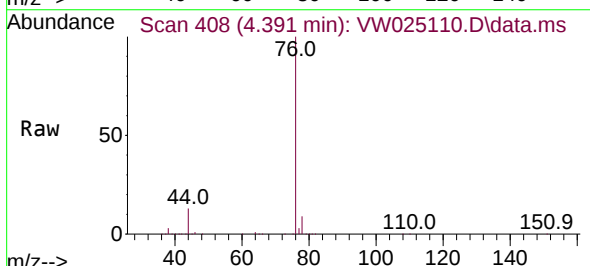
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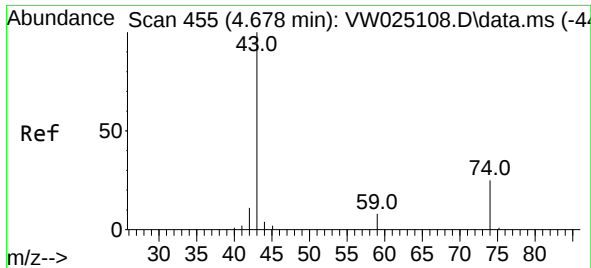
Tgt Ion: 43 Resp: 240947
Ion Ratio Lower Upper
43 100
58 32.4 0.0 65.2



#14
Carbon disulfide
Concen: 98.559 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 76 Resp: 1974936
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

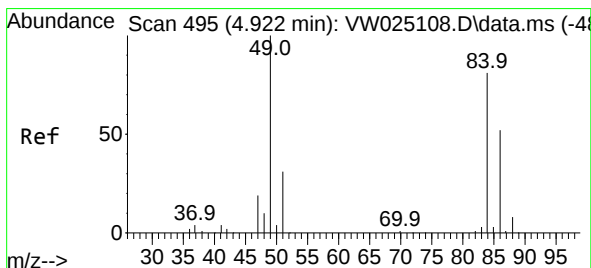
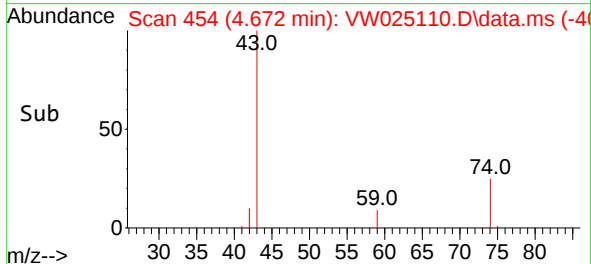
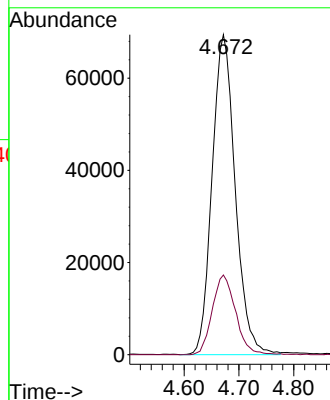
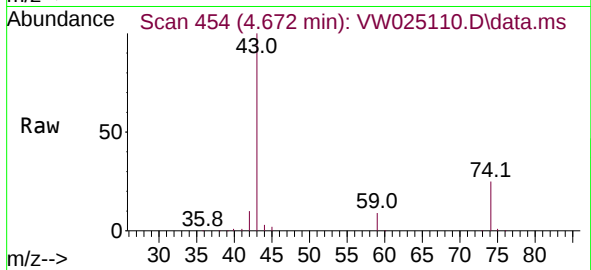




#15
Methyl Acetate
Concen: 100.832 ug/L
RT: 4.672 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

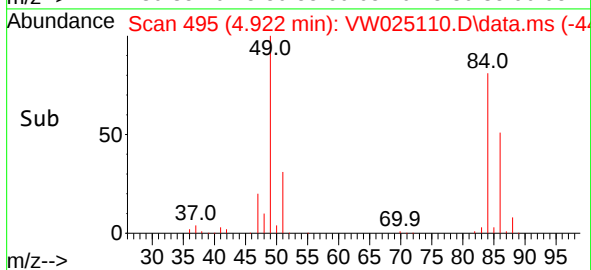
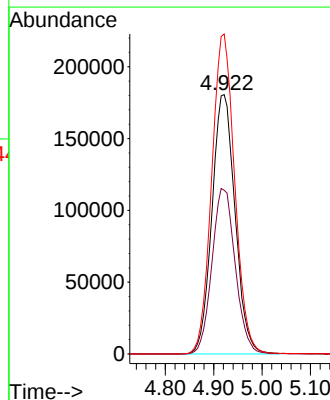
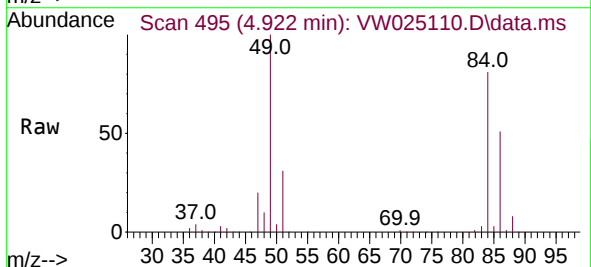
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

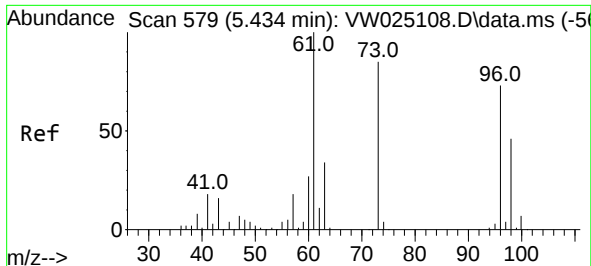
Tgt Ion: 43 Resp: 203726
Ion Ratio Lower Upper
43 100
74 25.0 19.5 29.3



#16
Methylene chloride
Concen: 74.609 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 84 Resp: 599976
Ion Ratio Lower Upper
84 100
86 63.1 45.0 83.6
49 123.3 86.3 160.3

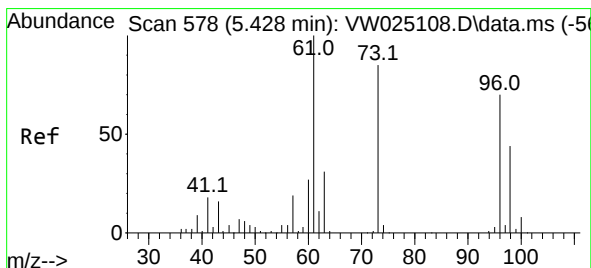
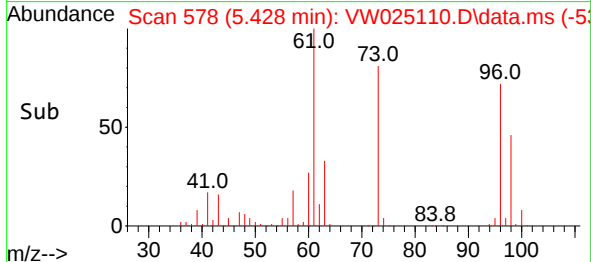
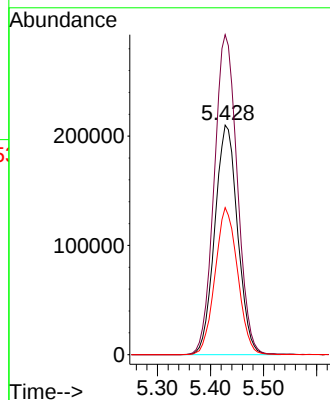
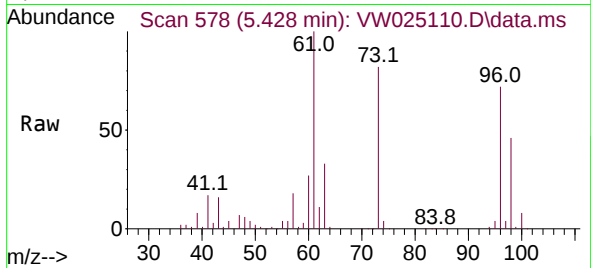




#17
trans-1,2-Dichloroethene
Concen: 99.168 ug/L
RT: 5.428 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

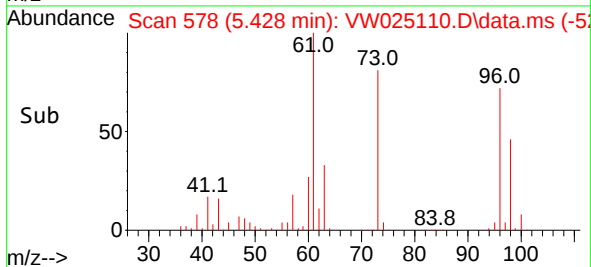
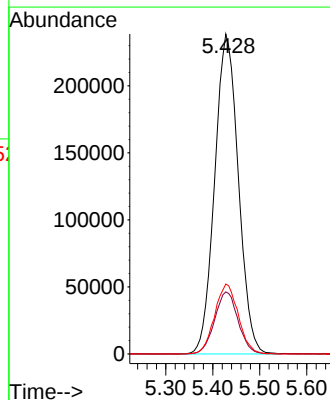
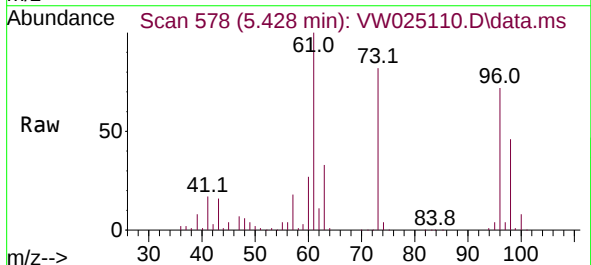
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

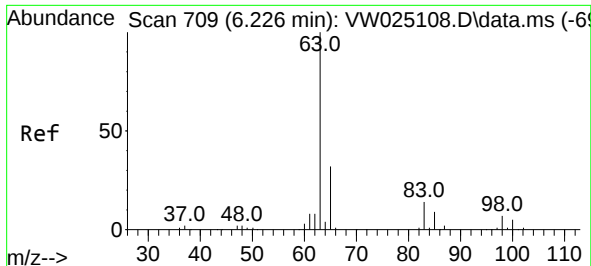
Tgt Ion: 96 Resp: 629525
Ion Ratio Lower Upper
96 100
61 139.4 95.5 177.3
98 64.0 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 99.254 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 73 Resp: 835079
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4
57 21.8 17.5 26.3

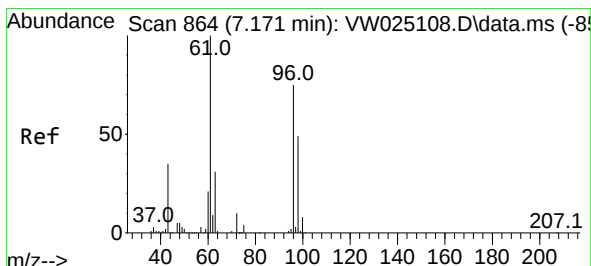
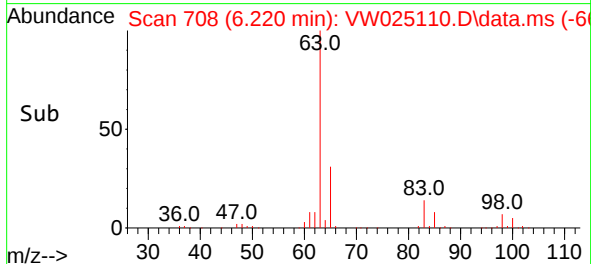
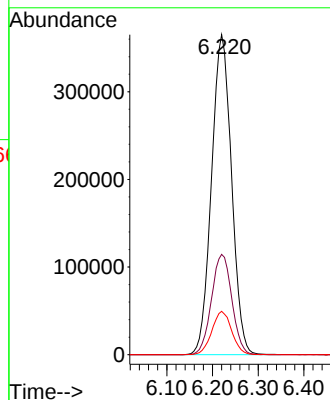
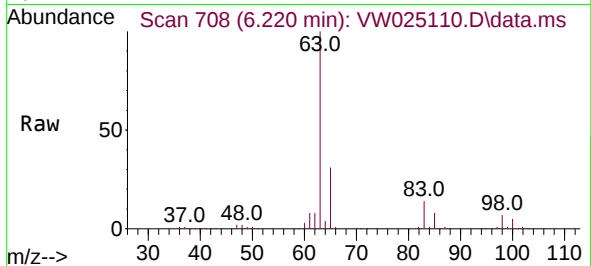




#19
1,1-Dichloroethane
Concen: 99.222 ug/L
RT: 6.220 min Scan# 709
Delta R.T. -0.006 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

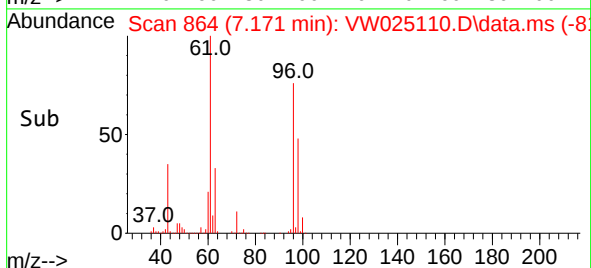
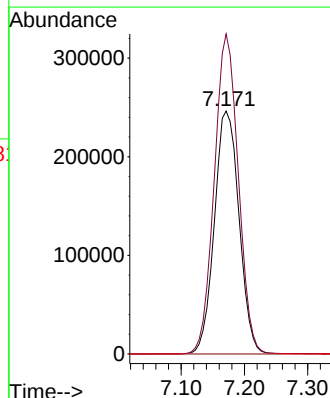
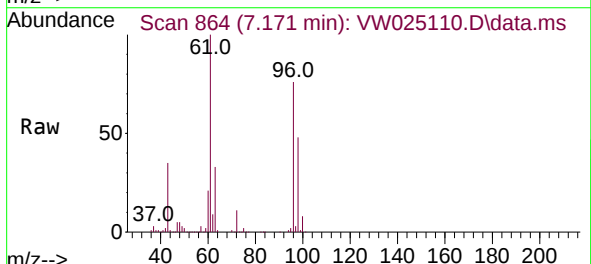
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

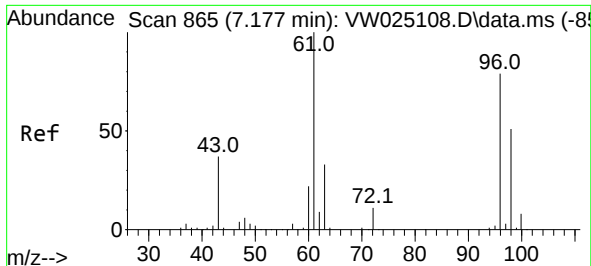
Tgt Ion: 63 Resp: 1109861
Ion Ratio Lower Upper
63 100
65 31.3 22.2 41.2
83 13.6 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 101.328 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 96 Resp: 666233
Ion Ratio Lower Upper
96 100
61 131.7 93.7 173.9
68 0.0 0.0 0.0

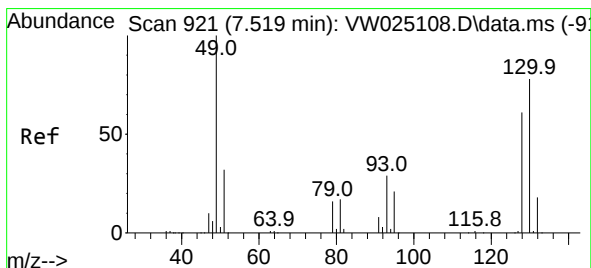
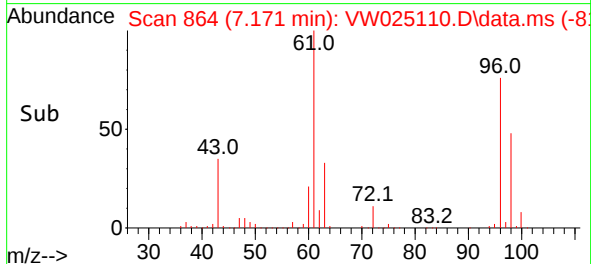
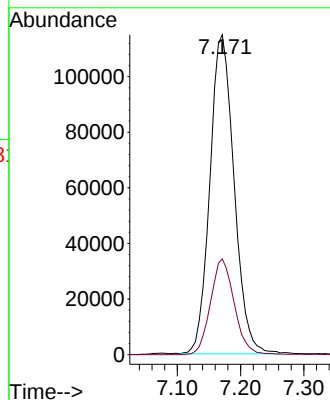
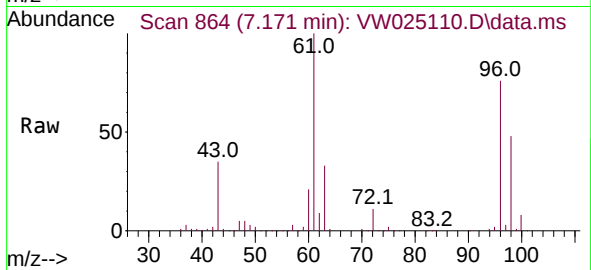




#22
2-Butanone
Concen: 195.301 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

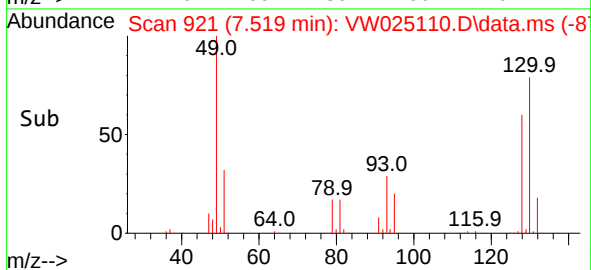
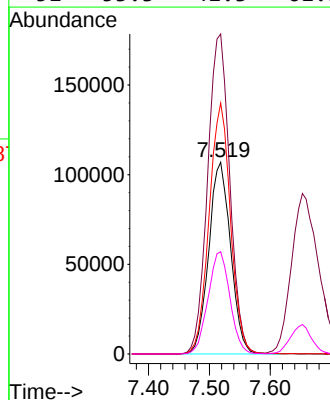
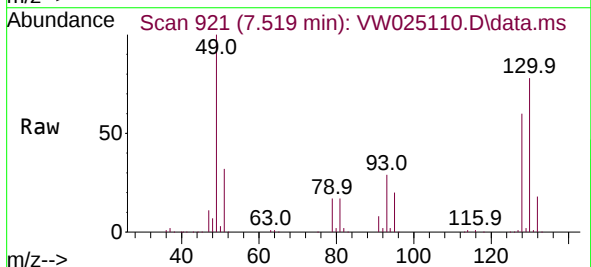
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

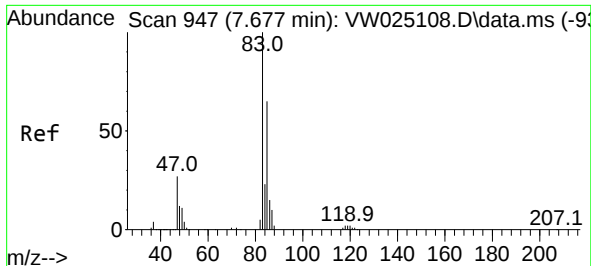
Tgt Ion: 43 Resp: 304751
Ion Ratio Lower Upper
43 100
72 29.3 15.0 45.0



#23
Bromochloromethane
Concen: 99.926 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion:128 Resp: 266448
Ion Ratio Lower Upper
128 100
49 167.0 114.1 211.9
130 130.9 89.0 165.2
51 53.3 41.3 61.9

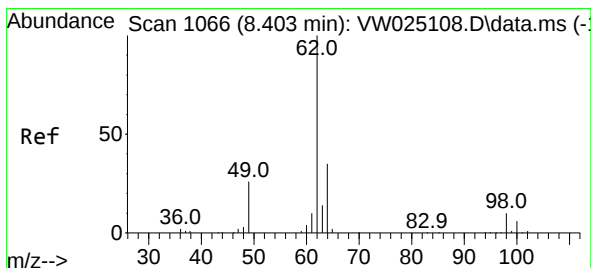
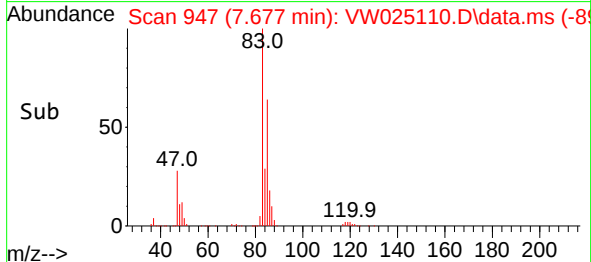
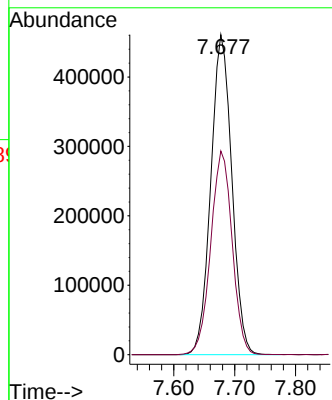
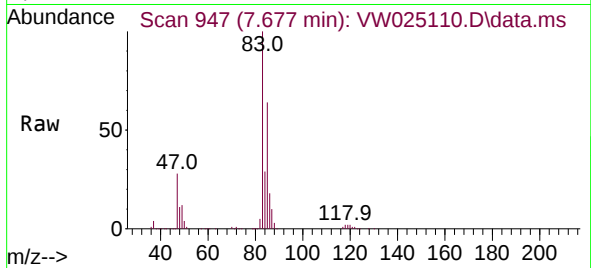




#25
Chloroform
Concen: 98.618 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

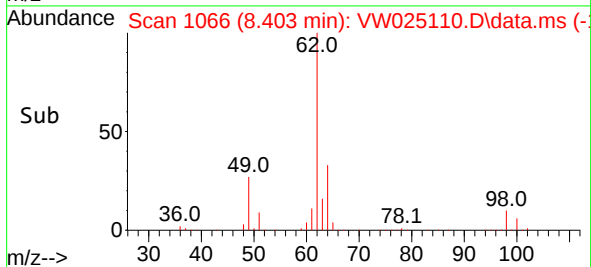
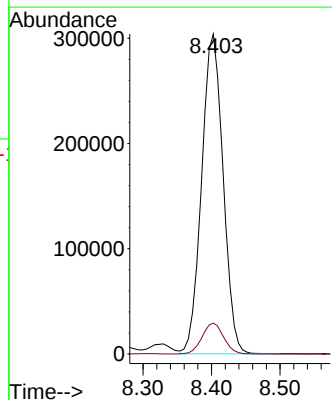
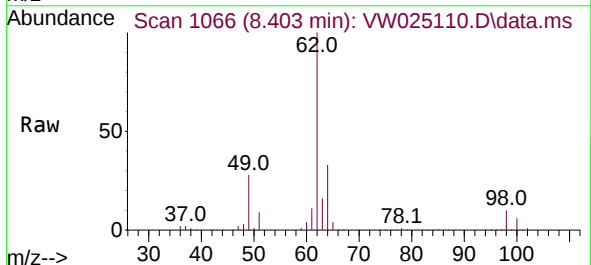
Instrument :
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ClientSampleId :
VSTD100471

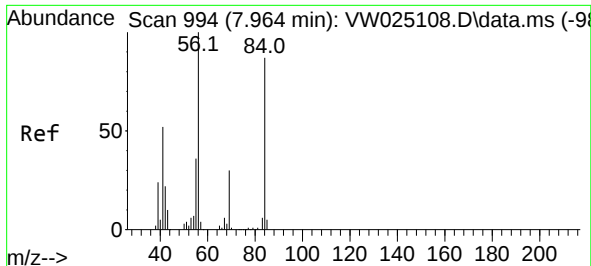
Tgt Ion: 83 Resp: 1103968
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 98.054 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 62 Resp: 662589
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8

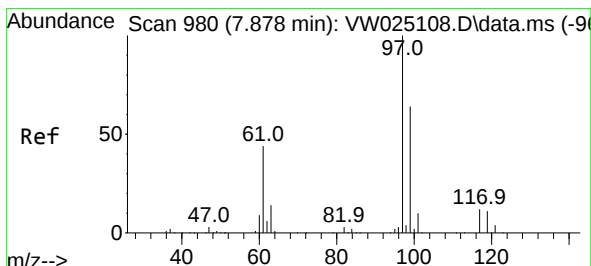
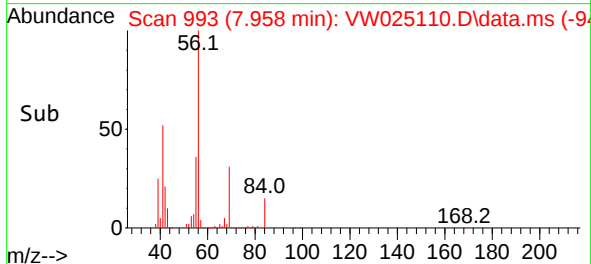
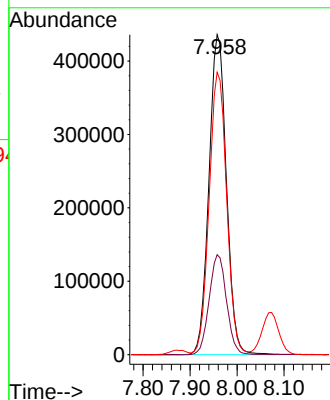
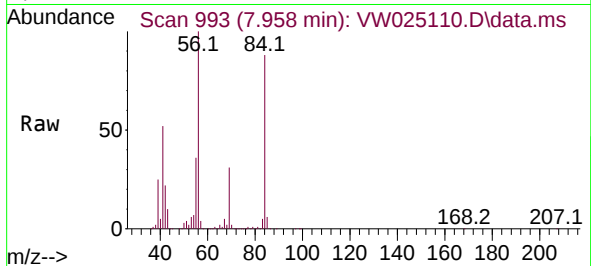




#29
Cyclohexane
Concen: 98.804 ug/L
RT: 7.958 min Scan# 994
Delta R.T. -0.006 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

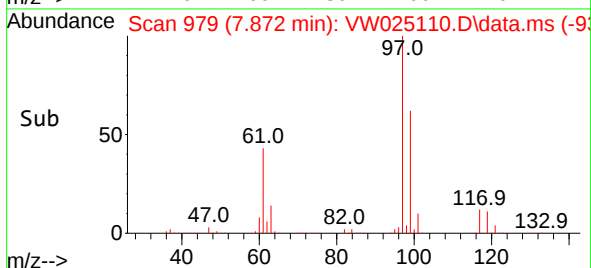
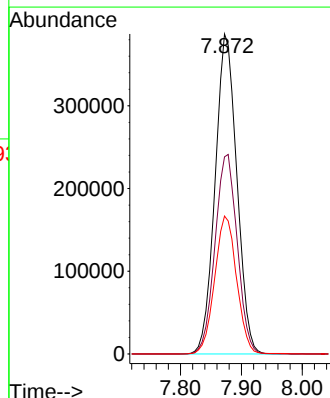
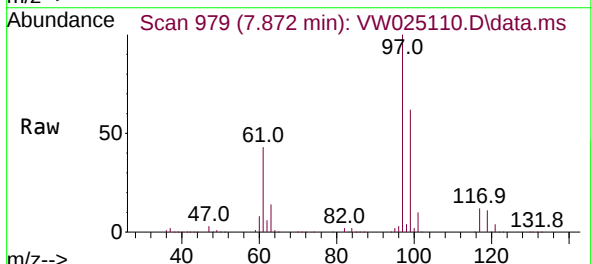
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

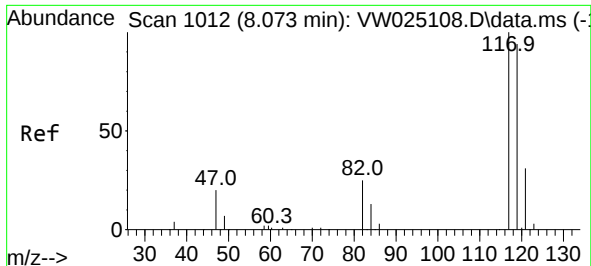
Tgt Ion: 56 Resp: 1122787
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.6
84 88.5 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 95.471 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 97 Resp: 958528
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 43.5 35.5 53.3

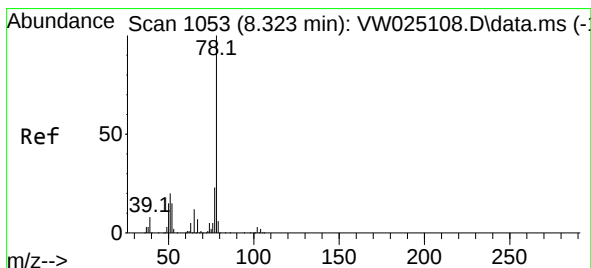
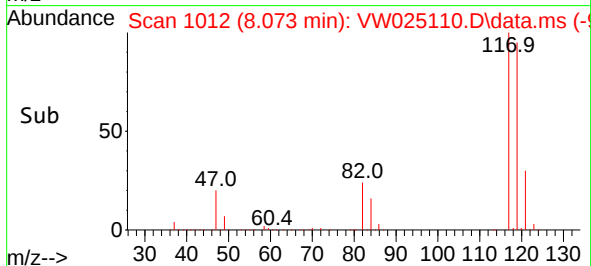
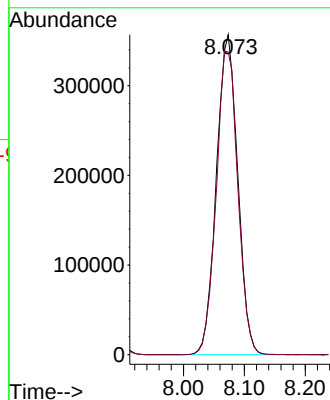
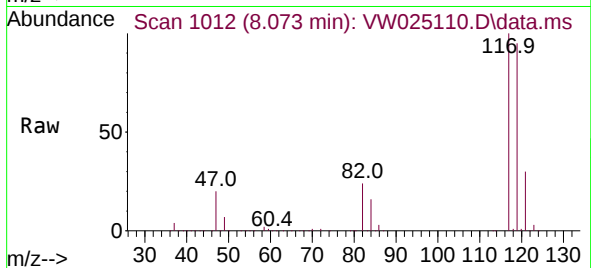




#31
Carbon tetrachloride
Concen: 95.168 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

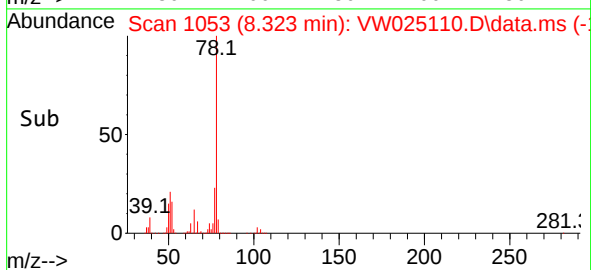
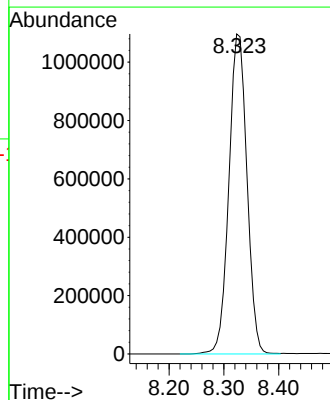
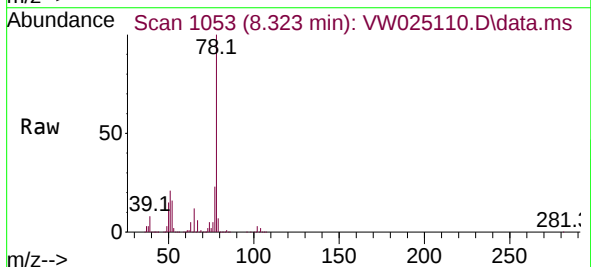
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ClientSampleId :
VSTD100471

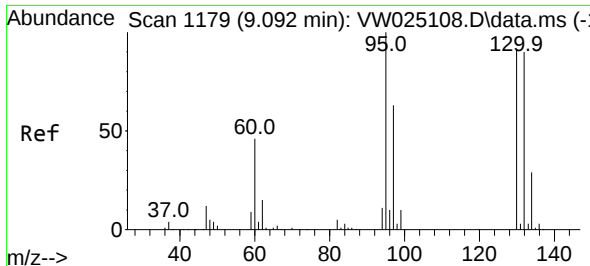
Tgt Ion:117 Resp: 867063
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.4



#33
Benzene
Concen: 94.229 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 78 Resp: 2509904

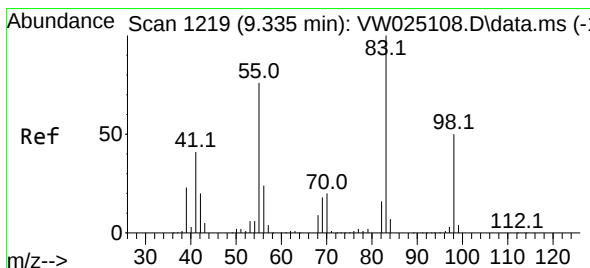
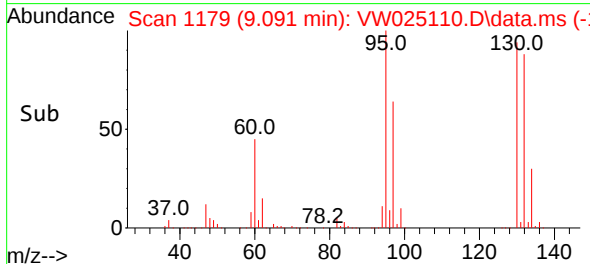
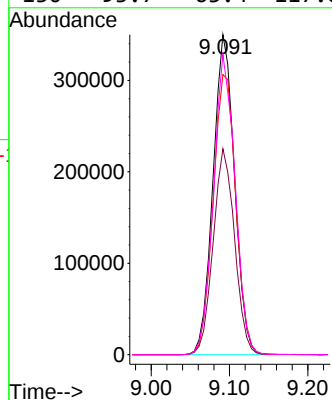
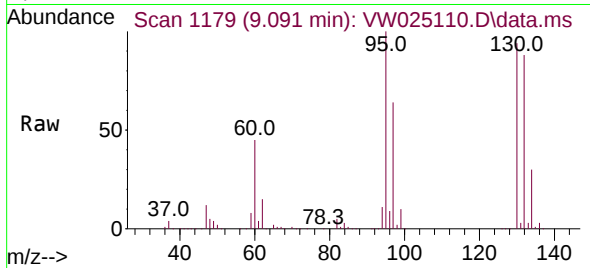




#34
Trichloroethene
Concen: 95.652 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

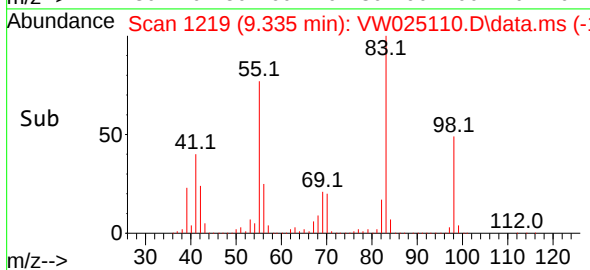
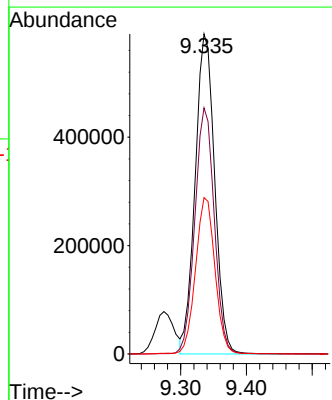
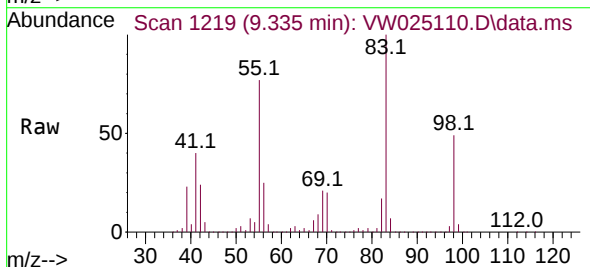
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

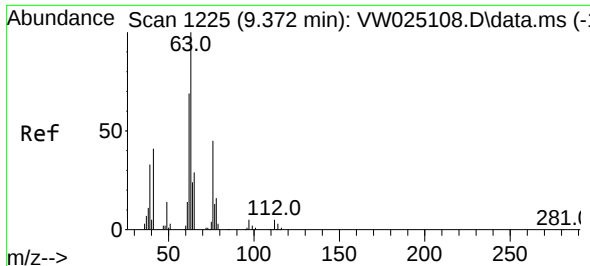
Tgt Ion: 95 Resp: 667778
Ion Ratio Lower Upper
95 100
97 64.4 44.3 82.3
132 87.5 63.0 117.0
130 93.7 63.4 117.8



#35
Methylcyclohexane
Concen: 96.273 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 83 Resp: 1215882
Ion Ratio Lower Upper
83 100
55 76.7 59.3 88.9
98 48.6 38.6 57.8





#37

1,2-Dichloropropane

Concen: 95.113 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

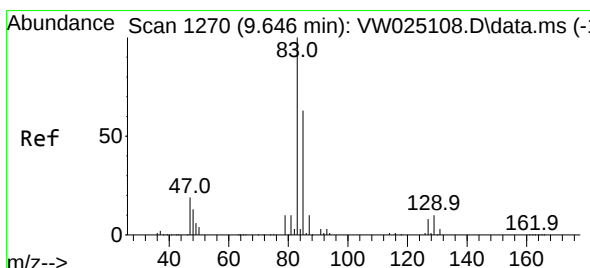
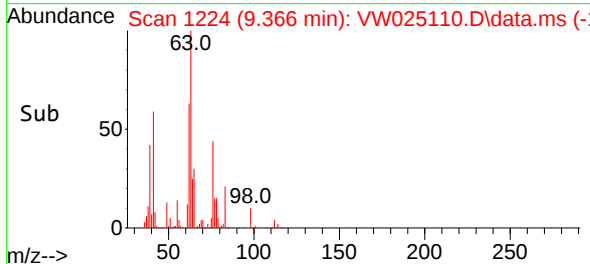
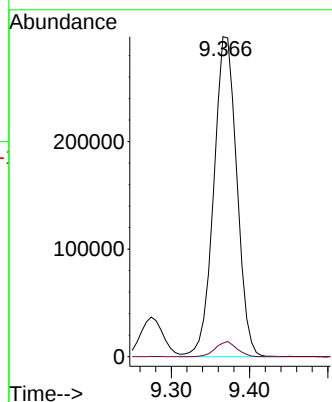
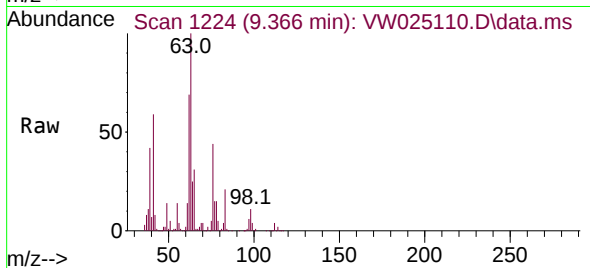
VSTD100471

Tgt Ion: 63 Resp: 609545

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 96.933 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

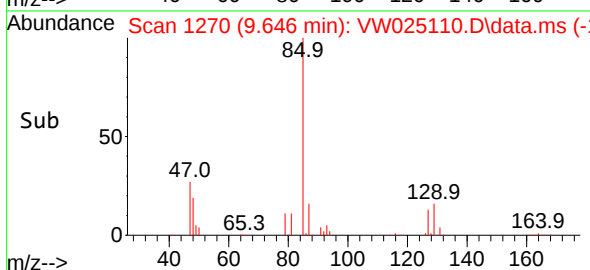
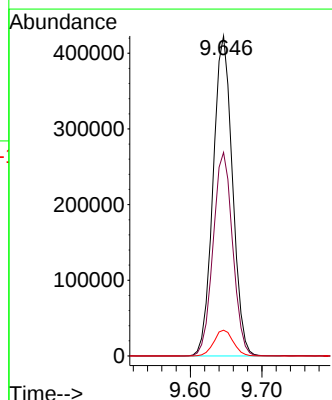
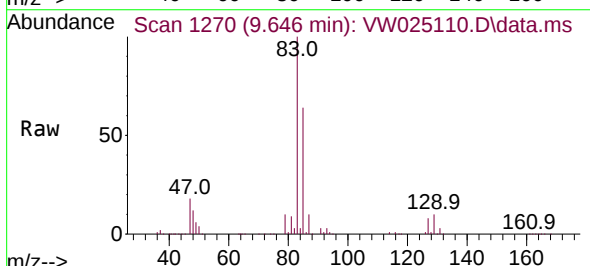
Tgt Ion: 83 Resp: 793542

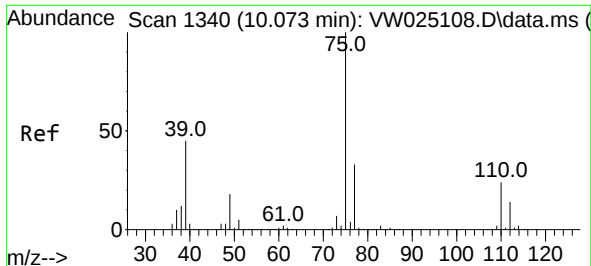
Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.2

127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 102.225 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

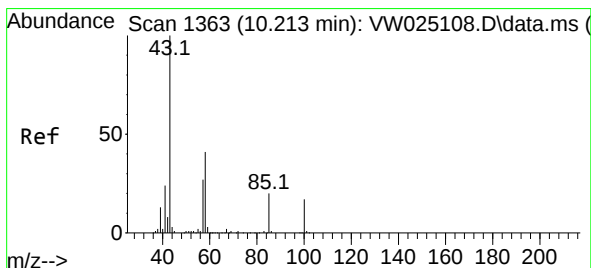
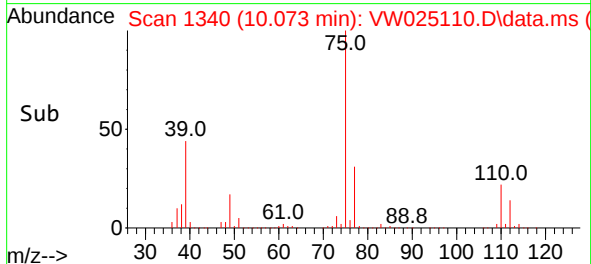
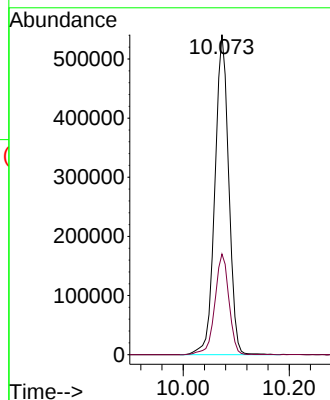
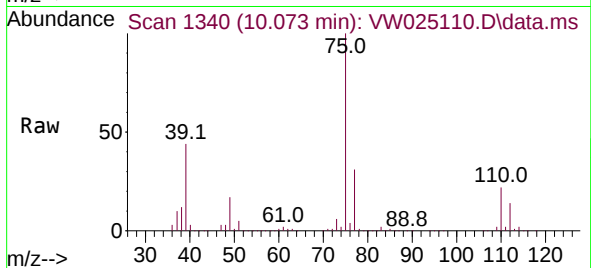
VSTD100471

Tgt Ion: 75 Resp: 981823

Ion Ratio Lower Upper

75 100

77 31.5 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 207.854 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

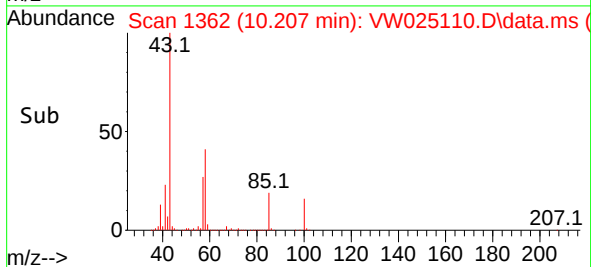
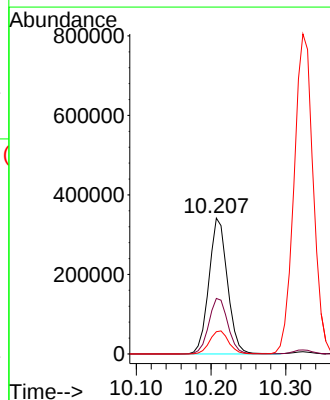
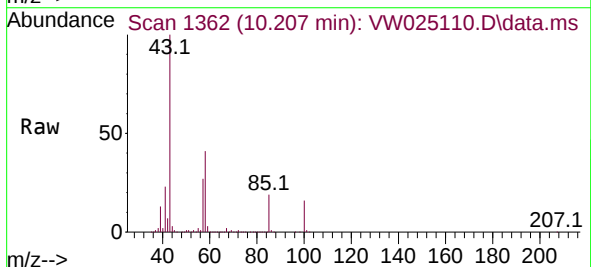
Tgt Ion: 43 Resp: 588567

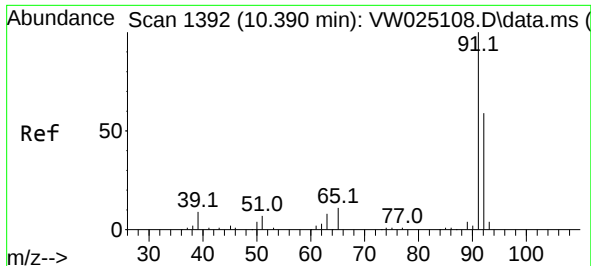
Ion Ratio Lower Upper

43 100

58 42.1 33.3 49.9

100 17.4 13.8 20.6





#42

Toluene

Concen: 96.157 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

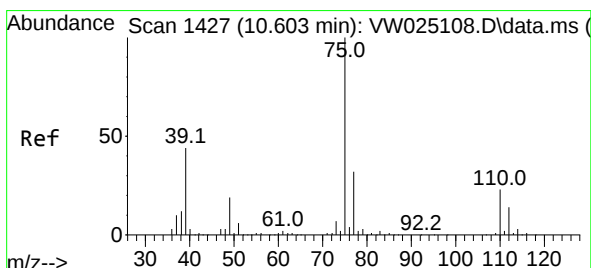
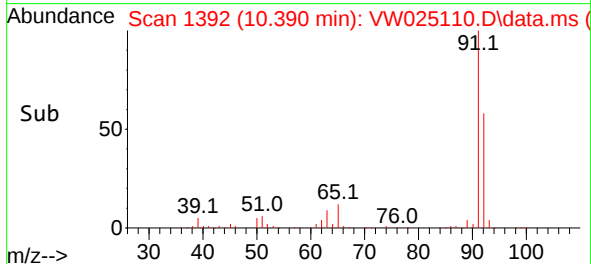
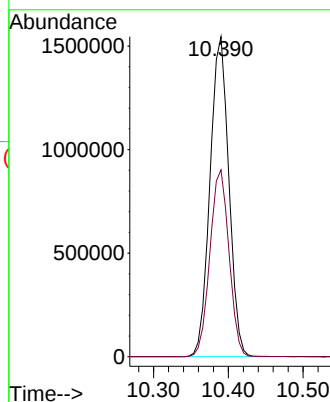
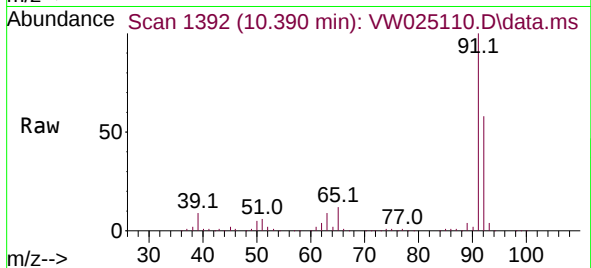
VSTD100471

Tgt Ion: 91 Resp: 2700637

Ion Ratio Lower Upper

91 100

92 58.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 105.030 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025110.D

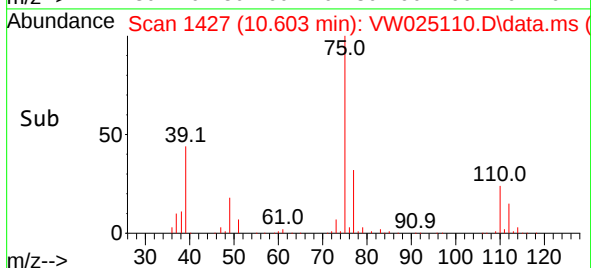
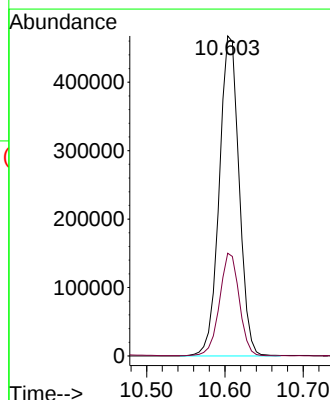
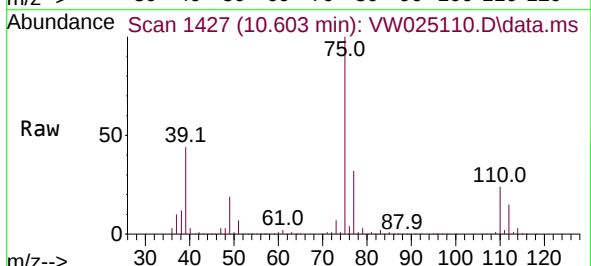
Acq: 21 Nov 2022 11:04

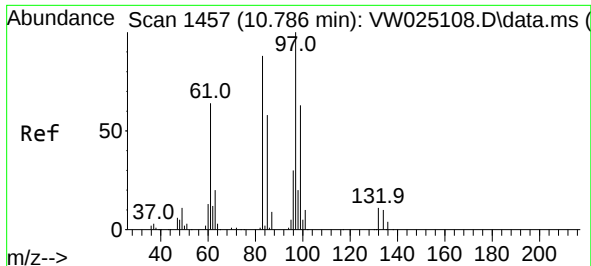
Tgt Ion: 75 Resp: 823972

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7

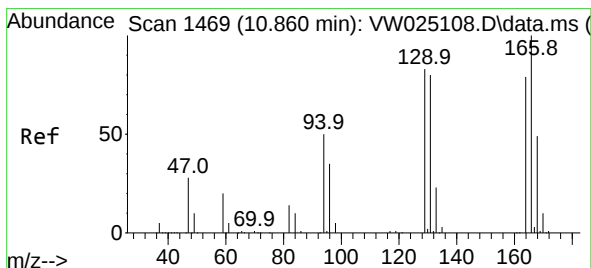
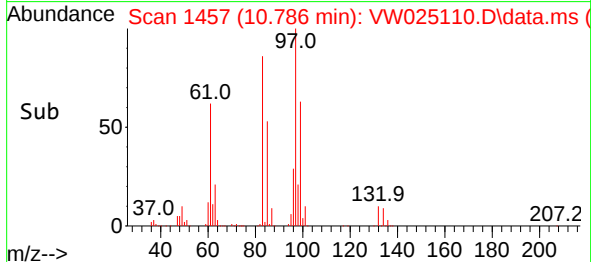
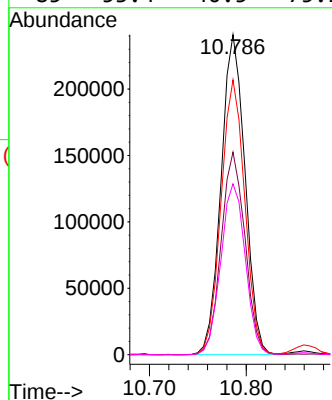
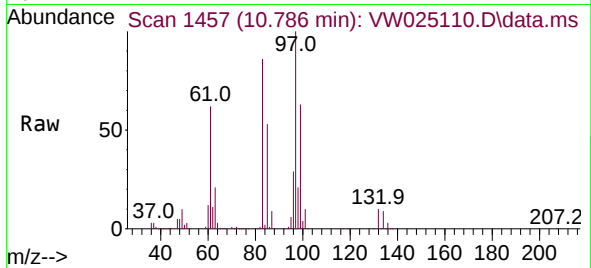




#45
1,1,2-Trichloroethane
Concen: 96.584 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

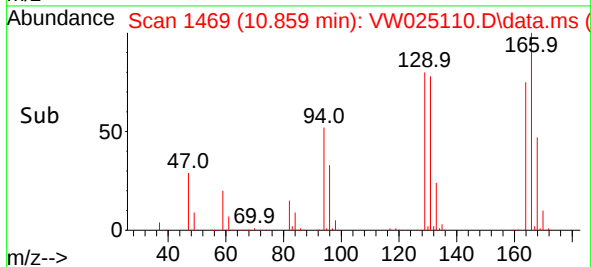
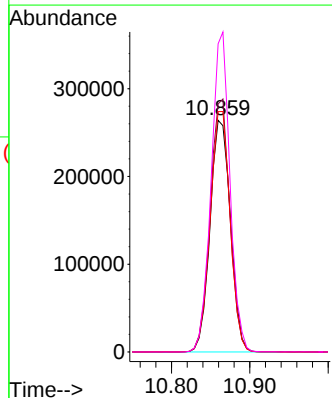
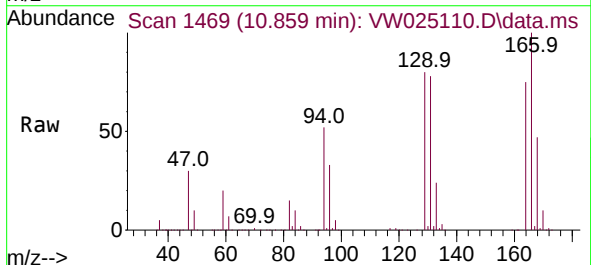
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

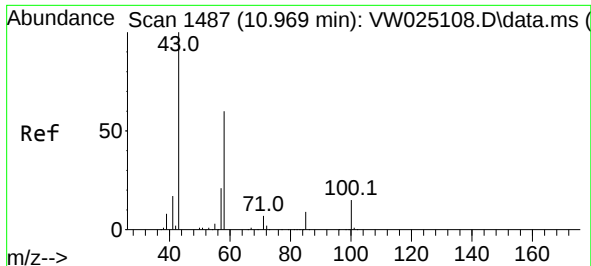
Tgt Ion:	97	Resp:	414289
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.3	82.3
83	85.9	61.3	113.9
85	53.4	40.5	75.1



#46
Tetrachloroethene
Concen: 92.242 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion:	164	Resp:	478990
Ion	Ratio	Lower	Upper
164	100		
129	107.0	73.4	136.4
131	103.7	70.8	131.4
166	133.0	88.3	164.1

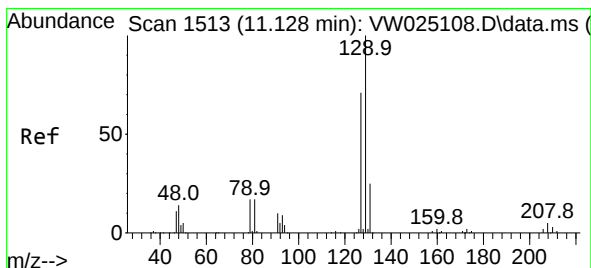
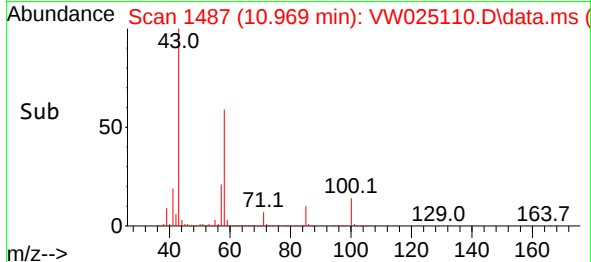
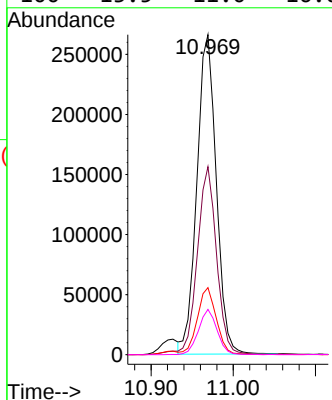
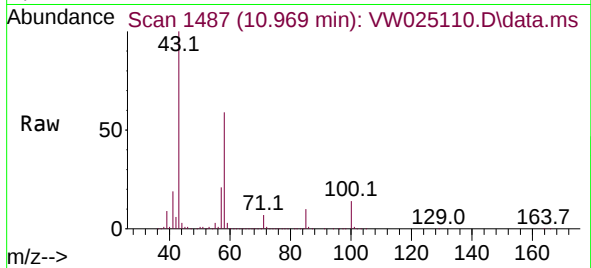




#48
2-Hexanone
Concen: 213.371 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

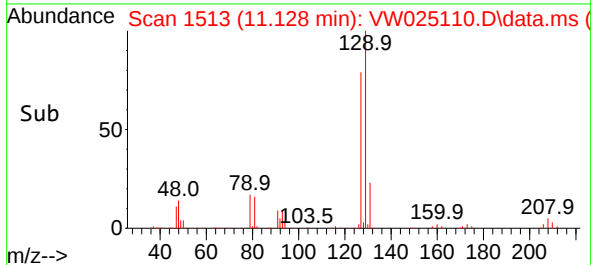
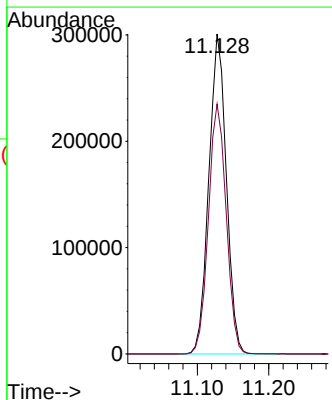
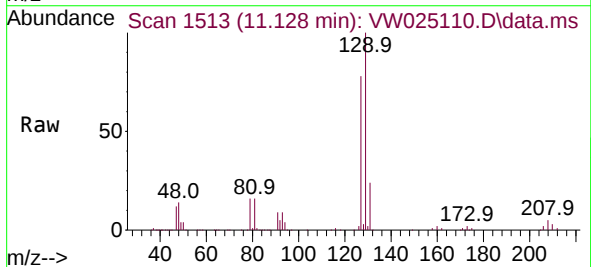
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

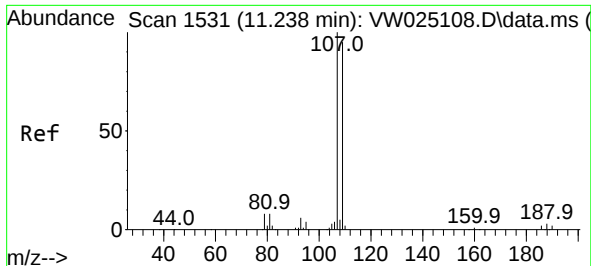
Tgt Ion: 43 Resp: 436400
Ion Ratio Lower Upper
43 100
58 58.0 46.6 69.8
57 20.4 16.7 25.1
100 13.5 11.0 16.6



#49
Dibromochloromethane
Concen: 99.697 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion:129 Resp: 510931
Ion Ratio Lower Upper
129 100
127 78.1 49.7 92.3





#50

1,2-Dibromoethane

Concen: 101.036 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD100471

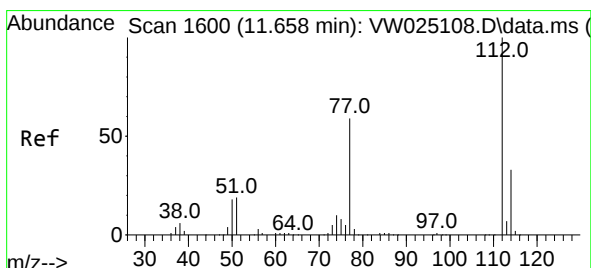
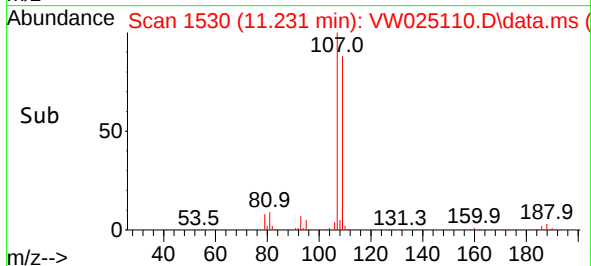
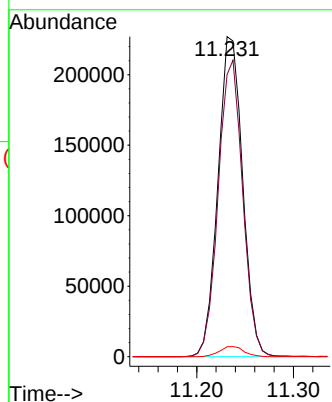
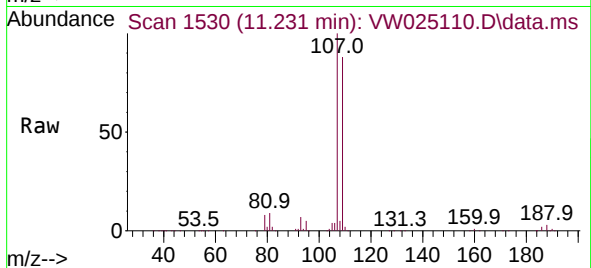
Tgt Ion:107 Resp: 402377

Ion Ratio Lower Upper

107 100

109 88.1 66.8 124.2

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 97.005 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

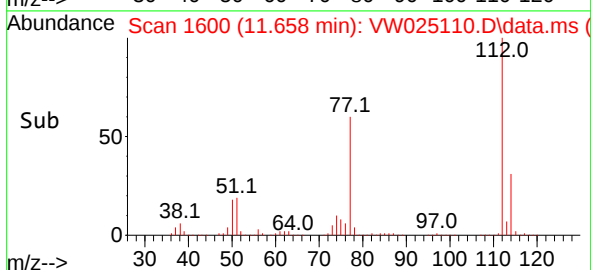
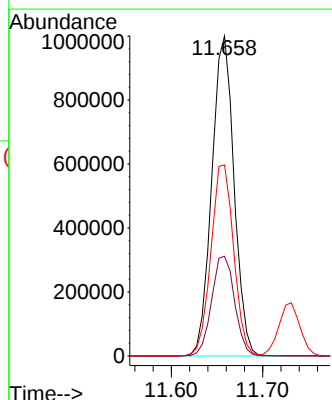
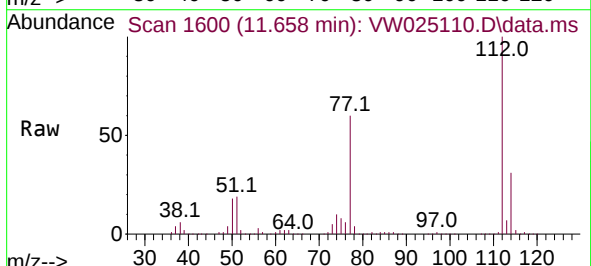
Tgt Ion:112 Resp: 1690013

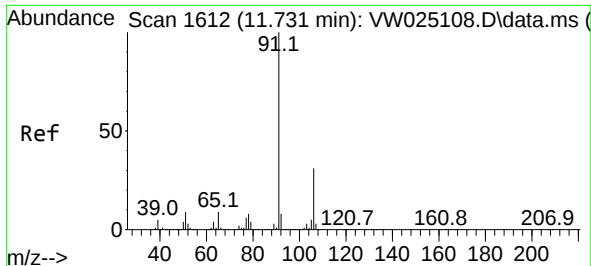
Ion Ratio Lower Upper

112 100

114 31.1 23.2 43.2

77 59.7 47.2 70.8

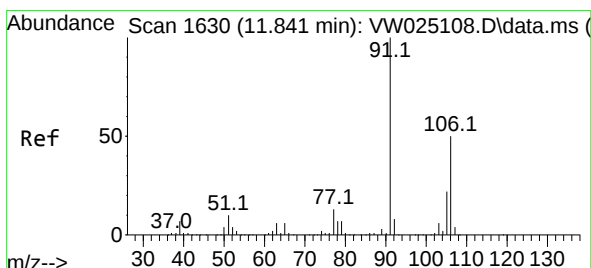
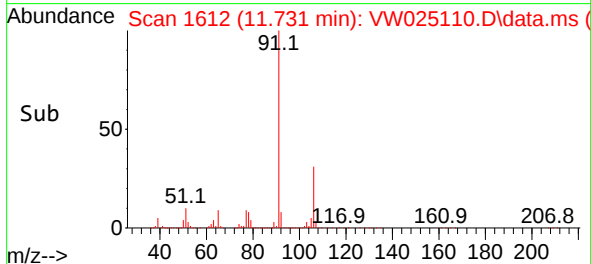
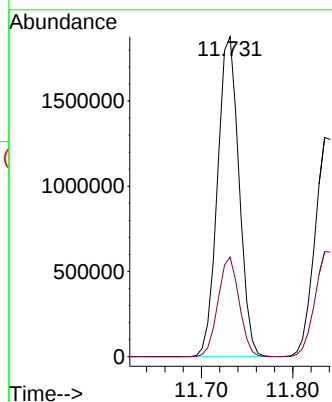
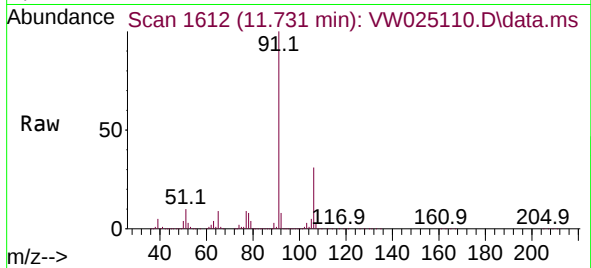




#52
Ethylbenzene
Concen: 97.212 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

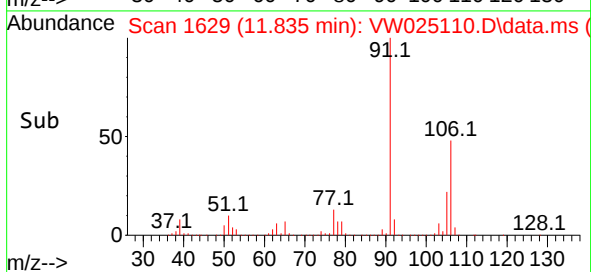
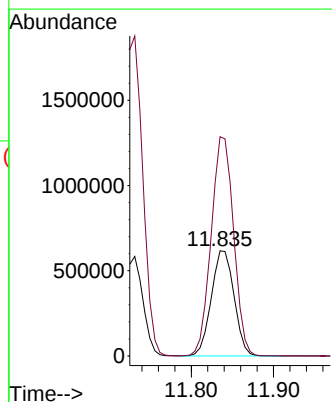
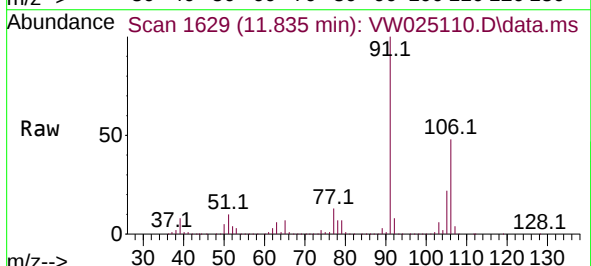
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

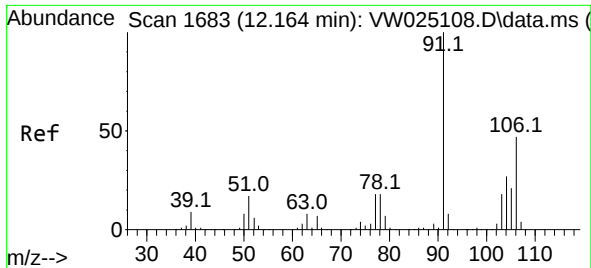
Tgt Ion: 91 Resp: 3072543
Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7



#53
m,p-Xylene
Concen: 97.782 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 106 Resp: 1185756
Ion Ratio Lower Upper
106 100
91 208.5 139.7 259.4

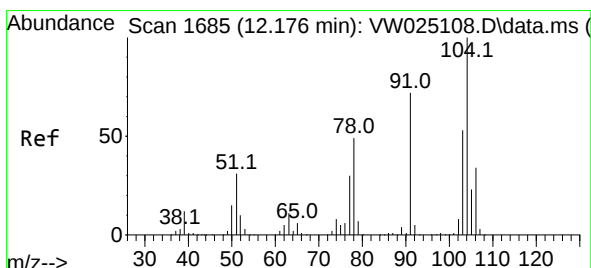
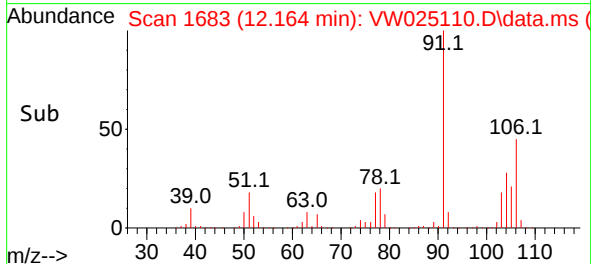
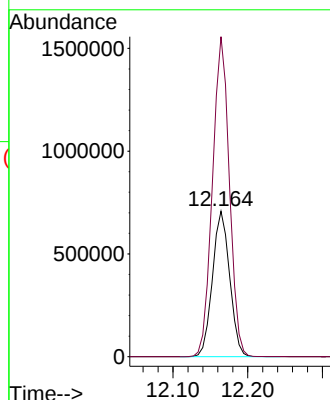
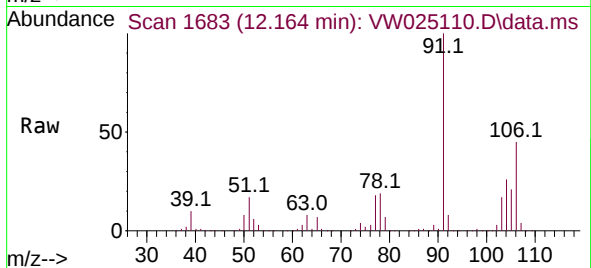




#54
o-Xylene
Concen: 100.014 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

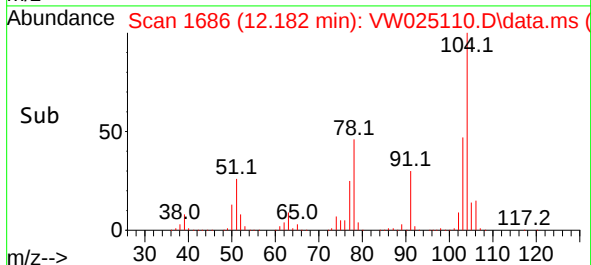
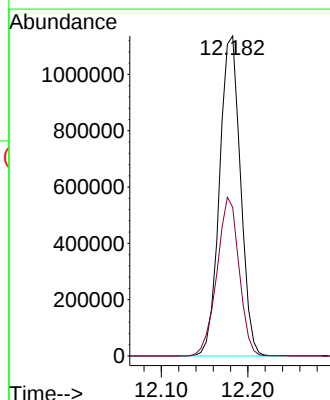
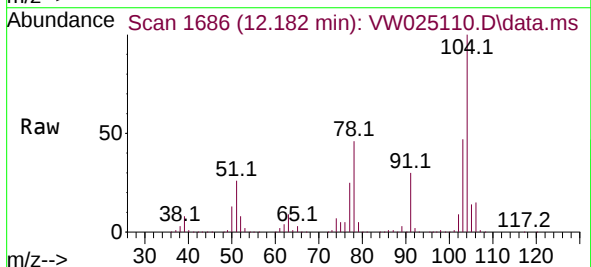
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

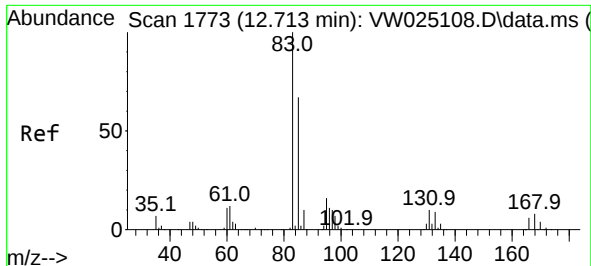
Tgt Ion:106 Resp: 1132581
Ion Ratio Lower Upper
106 100
91 220.1 148.8 276.4



#55
Styrene
Concen: 100.663 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion:104 Resp: 1910673
Ion Ratio Lower Upper
104 100
78 46.4 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 98.346 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD100471

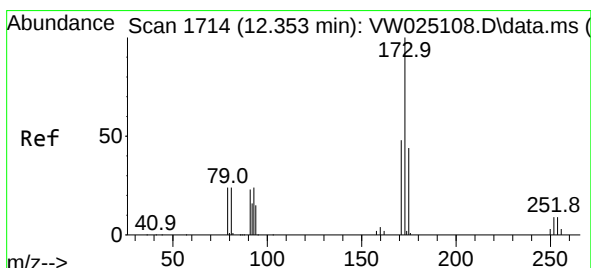
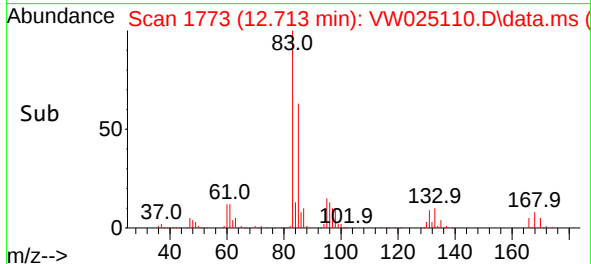
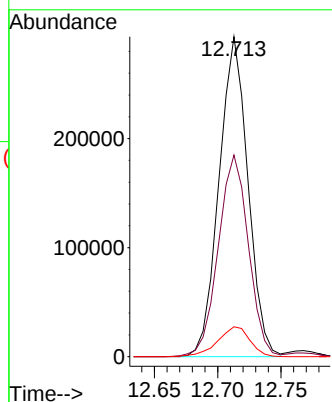
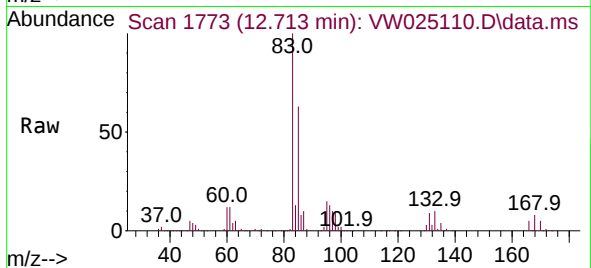
Tgt Ion: 83 Resp: 465732

Ion Ratio Lower Upper

83 100

85 63.0 46.8 87.0

131 9.4 8.2 12.2



#59

Bromoform

Concen: 100.861 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

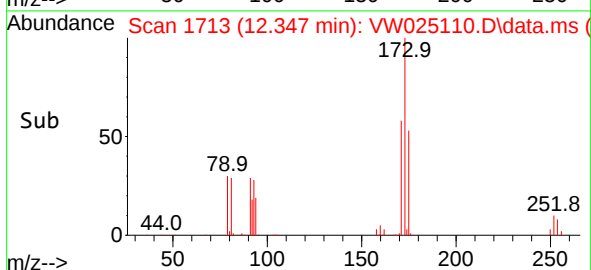
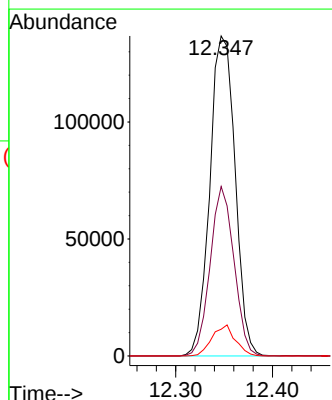
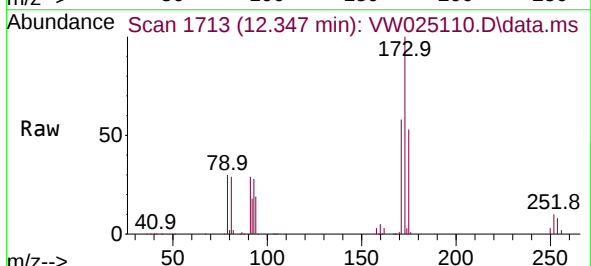
Tgt Ion:173 Resp: 248472

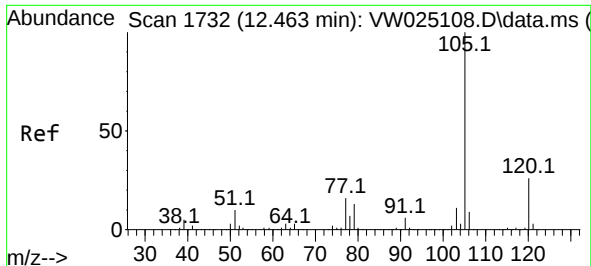
Ion Ratio Lower Upper

173 100

175 49.9 37.4 56.0

254 8.9 6.8 10.2

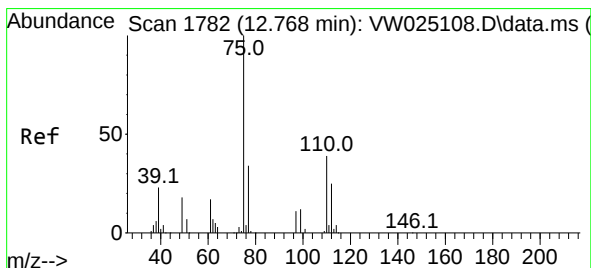
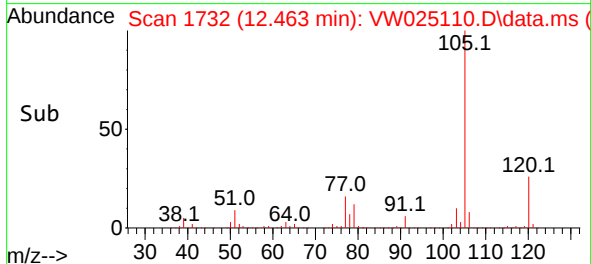
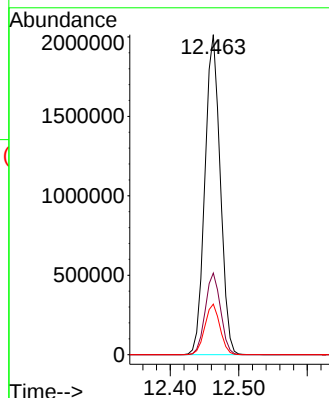
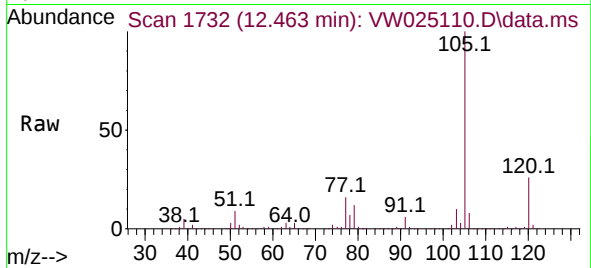




#60
Isopropylbenzene
Concen: 100.770 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

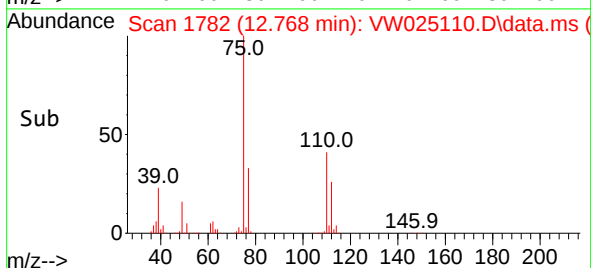
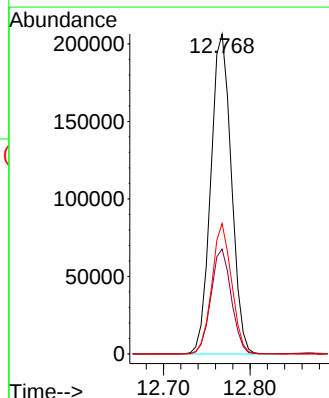
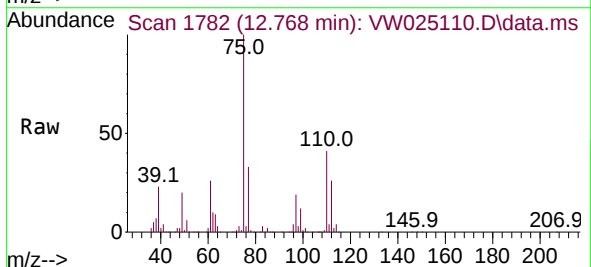
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

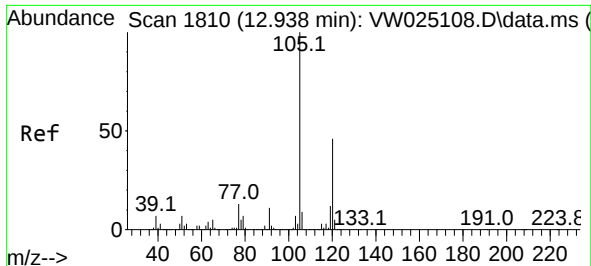
Tgt Ion:105 Resp: 3134083
Ion Ratio Lower Upper
105 100
120 25.4 20.6 31.0
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 99.056 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 75 Resp: 340609
Ion Ratio Lower Upper
75 100
77 32.4 26.6 40.0
110 39.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 103.763 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

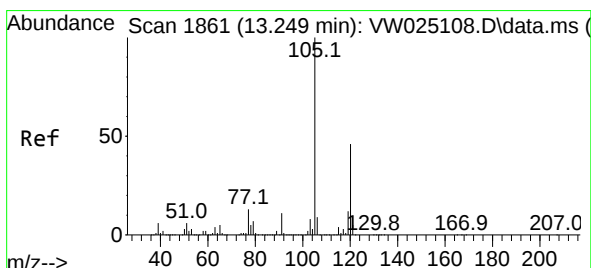
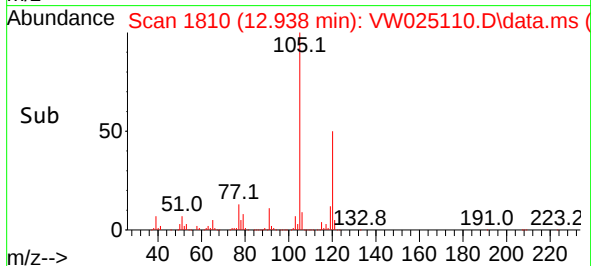
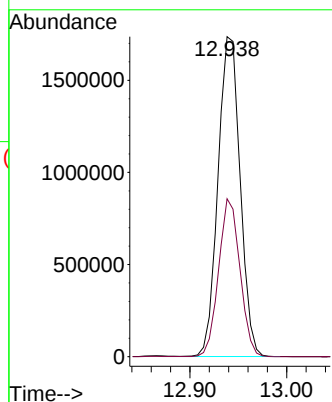
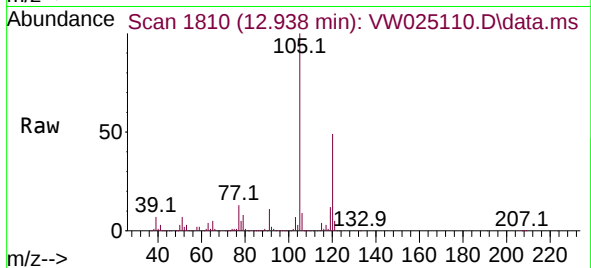
VSTD100471

Tgt Ion:105 Resp: 2757809

Ion Ratio Lower Upper

105 100

120 47.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 102.835 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025110.D

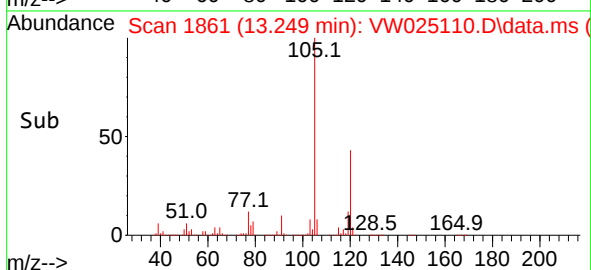
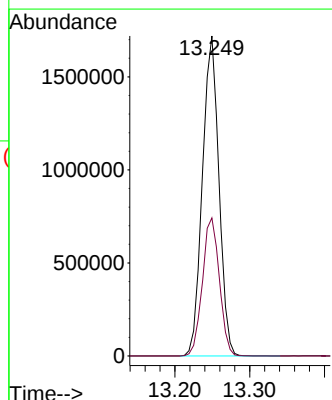
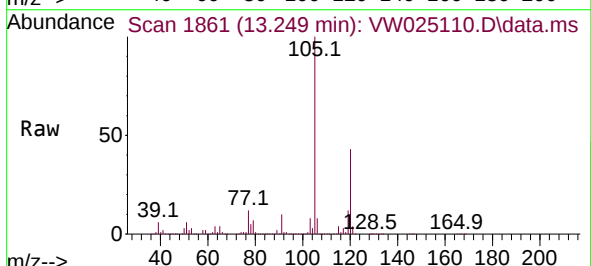
Acq: 21 Nov 2022 11:04

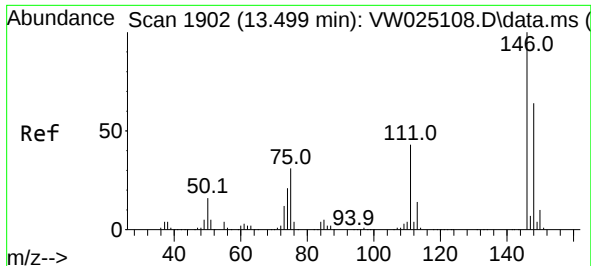
Tgt Ion:105 Resp: 2635600

Ion Ratio Lower Upper

105 100

120 44.2 36.1 54.1

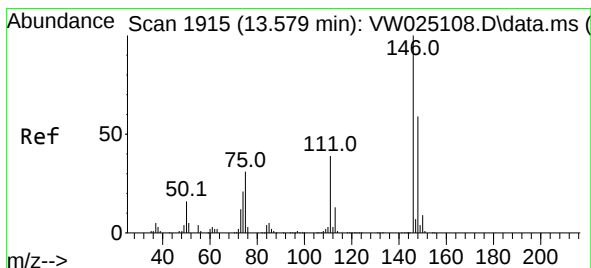
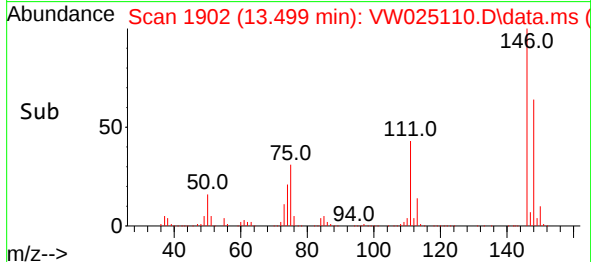
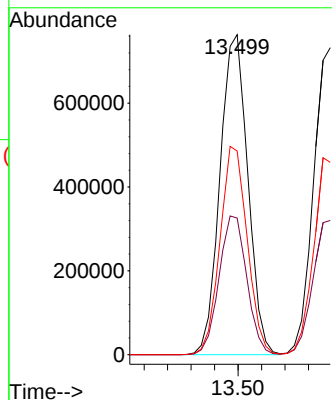
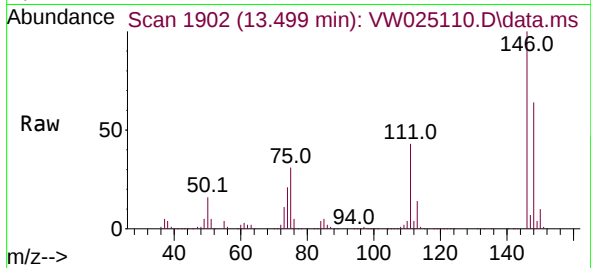




#64
1,3-Dichlorobenzene
Concen: 99.818 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

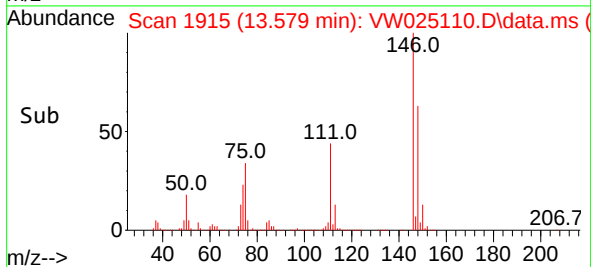
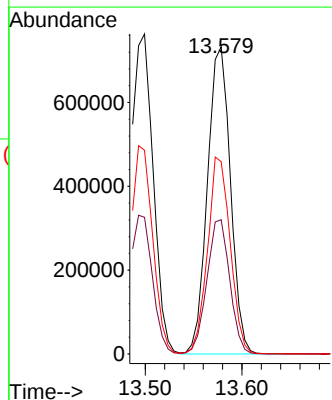
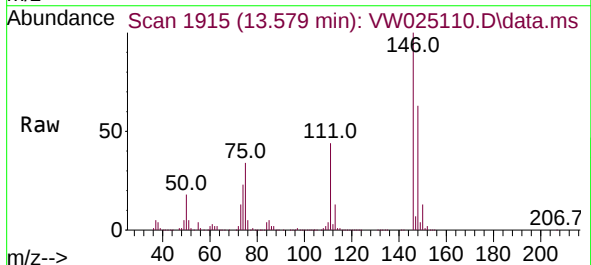
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

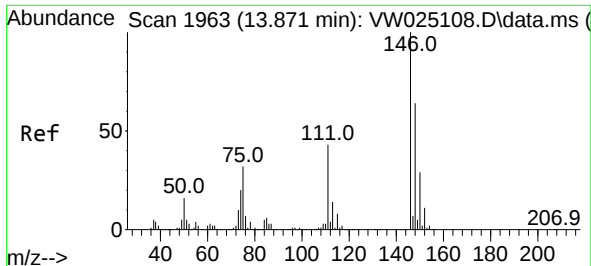
Tgt Ion:146 Resp: 1256136
Ion Ratio Lower Upper
146 100
111 42.7 30.2 56.0
148 63.6 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 97.220 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion:146 Resp: 1212587
Ion Ratio Lower Upper
146 100
111 43.7 27.4 51.0
148 62.6 41.6 77.3

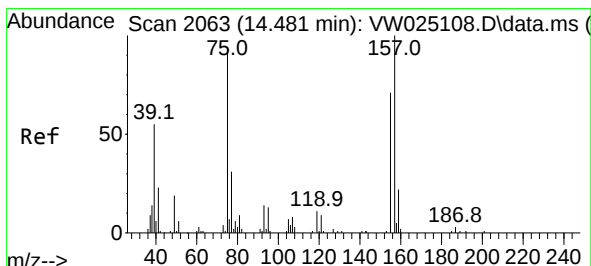
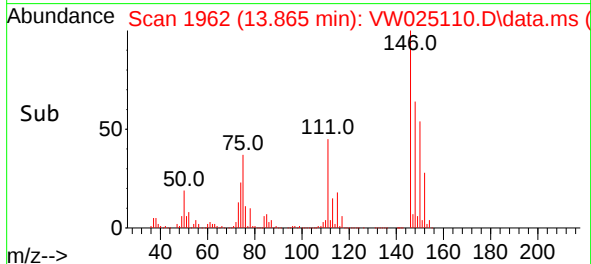
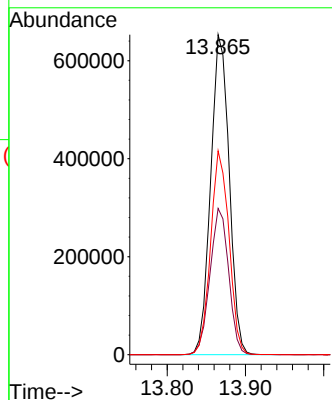
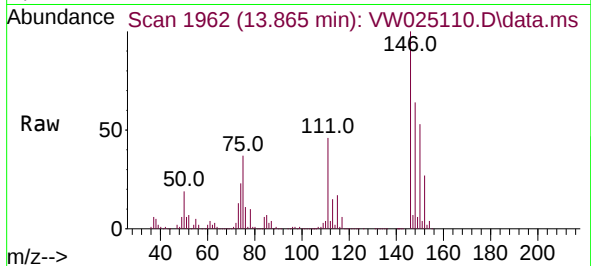




#67
1,2-Dichlorobenzene
Concen: 98.426 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

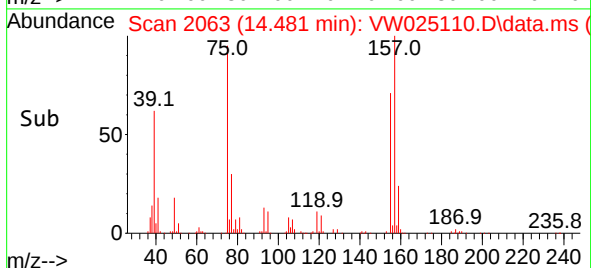
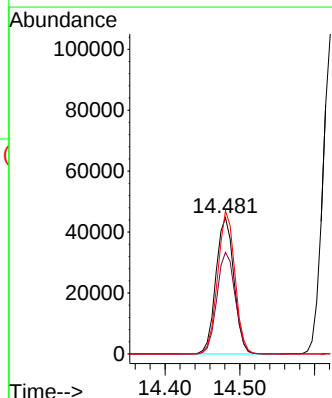
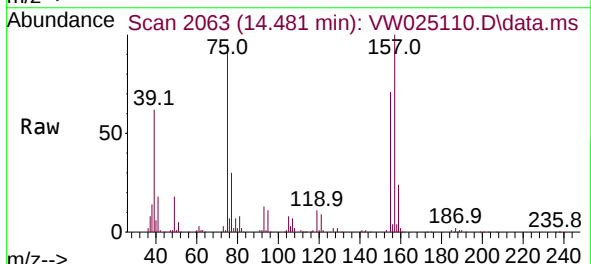
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

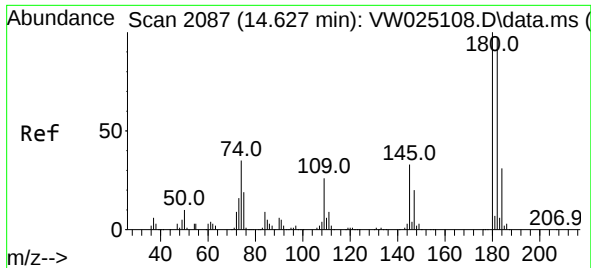
Tgt Ion:146 Resp: 1072412
Ion Ratio Lower Upper
146 100
111 45.7 34.3 51.5
148 63.7 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 108.475 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion: 75 Resp: 74902
Ion Ratio Lower Upper
75 100
155 74.5 60.3 90.5
157 105.0 84.9 127.3

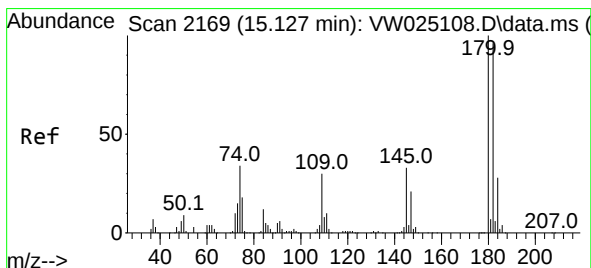
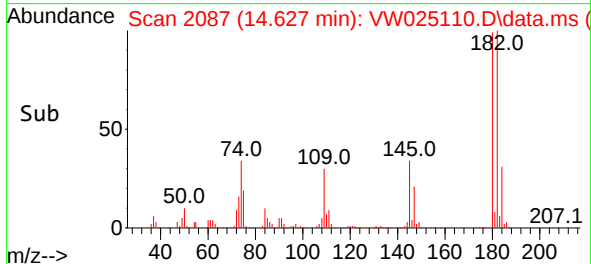
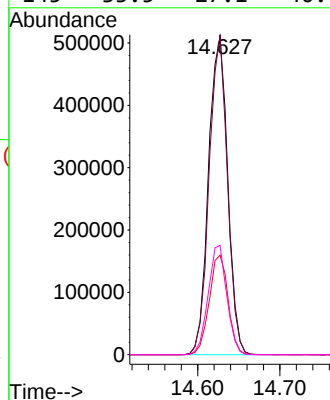
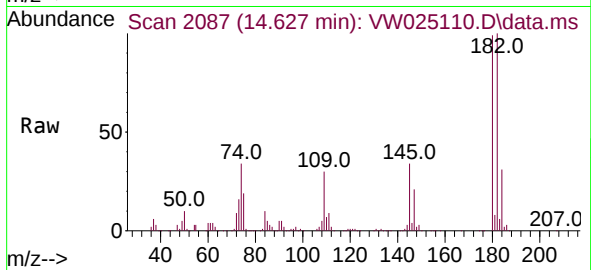




#69
1,3,5-Trichlorobenzene
Concen: 101.985 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

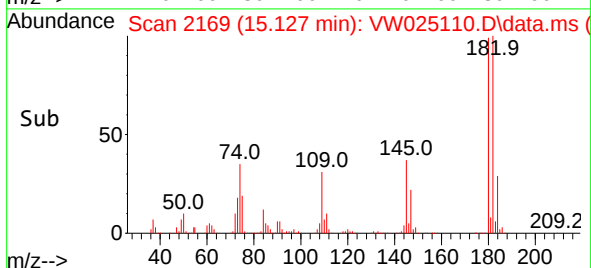
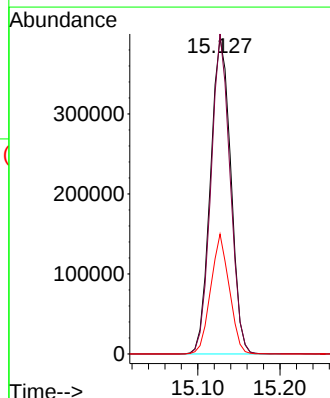
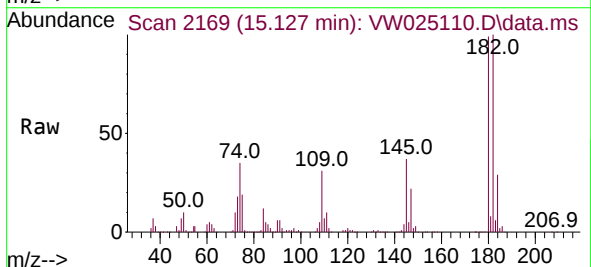
Instrument :
MSVOA_W
ClientSampleId :
VSTD100471

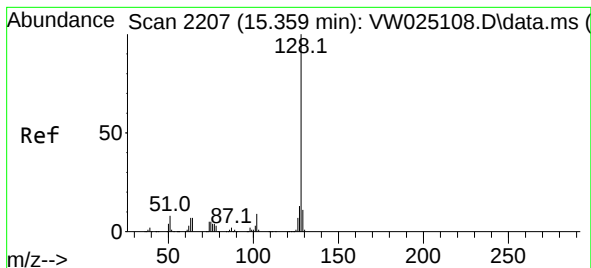
Tgt Ion:180	Resp: 825962
Ion Ratio	Lower Upper
180	100
182	95.5 77.8 116.6
184	30.8 24.3 36.5
145	33.5 27.1 40.7



#70
1,2,4-trichlorobenzene
Concen: 113.195 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025110.D
Acq: 21 Nov 2022 11:04

Tgt Ion:180	Resp: 679167
Ion Ratio	Lower Upper
180	100
182	95.3 77.2 115.8
145	34.6 26.9 40.3





#71

Naphthalene

Concen: 121.391 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD100471

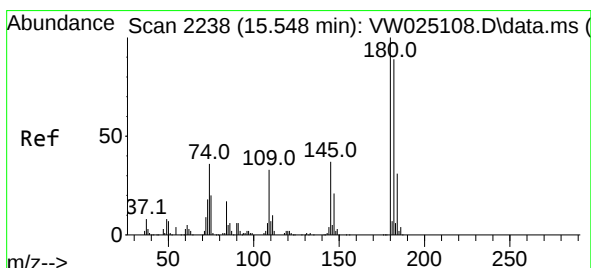
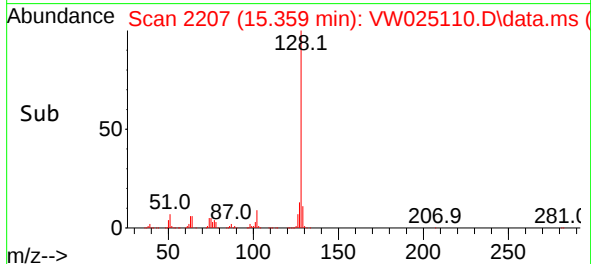
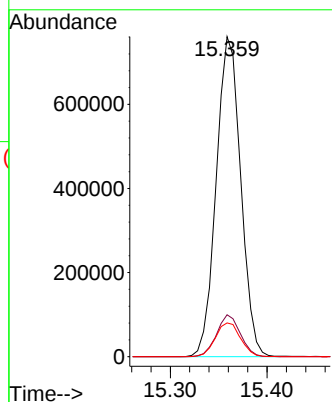
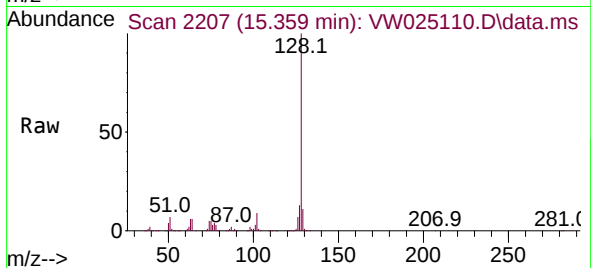
Tgt Ion:128 Resp: 1335259

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 111.015 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025110.D

Acq: 21 Nov 2022 11:04

Tgt Ion:180 Resp: 555491

Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 36.8 29.6 44.4

