

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112222\
 Data File : VW025113.D
 Acq On : 22 Nov 2022 09:06
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025505

Quant Time: Nov 23 04:02:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 03:12:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	501684	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	427879	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	203683	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	136698	22.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
7) Chloroethane-d5	2.891	69	91768	22.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
11) 1,1-Dichloroethene-d2	4.025	63	327190	24.659	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.640%
21) 2-Butanone-d5	7.085	46	59231	46.238	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.480%
24) Chloroform-d	7.652	84	306633	23.685	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	8.305	65	149512	23.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.520%
32) Benzene-d6	8.274	84	624783	24.221	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	9.274	67	180213	24.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	10.323	98	572097	24.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.680%
43) trans-1,3-Dichloroprop...	10.579	79	74062	24.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.440%
47) 2-Hexanone-d5	10.926	63	47688	50.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	120807	24.380	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	163783	23.588	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	39354	26.315	ug/L	97
3) Chloromethane	2.221	50	135975	24.538	ug/L	99
5) Vinyl chloride	2.367	62	188168	25.064	ug/L	96
6) Bromomethane	2.787	94	90193	24.714	ug/L	100
8) Chloroethane	2.934	64	87420	25.271	ug/L	98
9) Trichlorofluoromethane	3.269	101	142753	25.204	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	180441	26.601	ug/L	99
12) 1,1-Dichloroethene	4.043	96	175601	26.519	ug/L	96
13) Acetone	4.135	43	95000	69.213	ug/L	99
14) Carbon disulfide	4.391	76	574277	25.863	ug/L	100
15) Methyl Acetate	4.677	43	59135	26.413	ug/L	100
16) Methylene chloride	4.921	84	194694	21.849	ug/L	100
17) trans-1,2-Dichloroethene	5.427	96	185667	26.394	ug/L	98
18) Methyl tert-butyl Ether	5.433	73	248248	26.627	ug/L	100
19) 1,1-Dichloroethane	6.220	63	324880	26.211	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	194252	26.661	ug/L	92
22) 2-Butanone	7.177	43	104975	60.710	ug/L	97
23) Bromochloromethane	7.518	128	77095	26.092	ug/L	97
25) Chloroform	7.677	83	327198	26.377	ug/L	100

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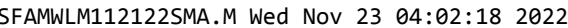
Instrument :
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 ClientSampleId :
 VSTD025505

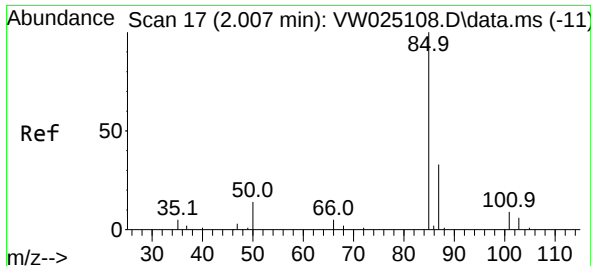
Quant Time: Nov 23 04:02:09 2022
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 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 03:12:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	194314	25.950	ug/L	99
29) Cyclohexane	7.957	56	321980	27.339	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	282624	27.162	ug/L	100
31) Carbon tetrachloride	8.073	117	254067	26.907	ug/L	100
33) Benzene	8.323	78	749342	27.145	ug/L	100
34) Trichloroethene	9.091	95	194586	26.894	ug/L	97
35) Methylcyclohexane	9.335	83	361590	27.625	ug/L	98
37) 1,2-Dichloropropane	9.372	63	178645	26.897	ug/L	100
38) Bromodichloromethane	9.646	83	227608	26.827	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	270431	27.168	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	166280	56.670	ug/L	100
42) Toluene	10.384	91	787180	27.044	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	221731	27.271	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	117184	26.360	ug/L	98
46) Tetrachloroethene	10.859	164	144652	26.878	ug/L	92
48) 2-Hexanone	10.969	43	139790	65.949	ug/L	98
49) Dibromochloromethane	11.127	129	141659	26.671	ug/L	87
50) 1,2-Dibromoethane	11.237	107	110719	26.825	ug/L	100
51) Chlorobenzene	11.658	112	486555	26.947	ug/L	98
52) Ethylbenzene	11.731	91	877726	26.795	ug/L	99
53) m,p-Xylene	11.835	106	339079	26.980	ug/L	96
54) o-Xylene	12.164	106	319063	27.186	ug/L	96
55) Styrene	12.182	104	537736	27.336	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	132292	26.954	ug/L	94
59) Bromoform	12.347	173	69189	26.504	ug/L	98
60) Isopropylbenzene	12.463	105	879686	26.692	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	94558	25.951	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	760996	27.020	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	737569	27.158	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	346095	25.954	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	336308	25.446	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	297499	25.767	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	19215	26.261	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	227977	26.564	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166209	26.142	ug/L	99
71) Naphthalene	15.358	128	318412	27.318	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	141283	26.646	ug/L	97

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

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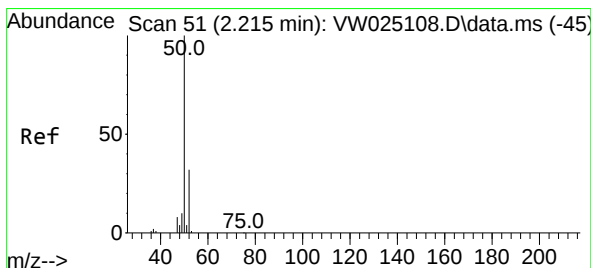
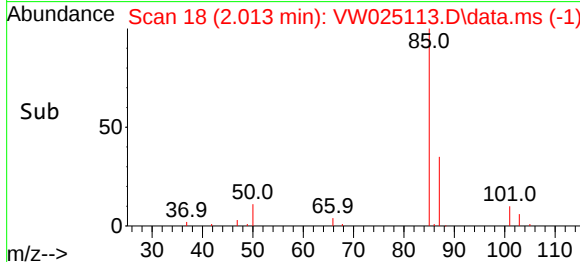
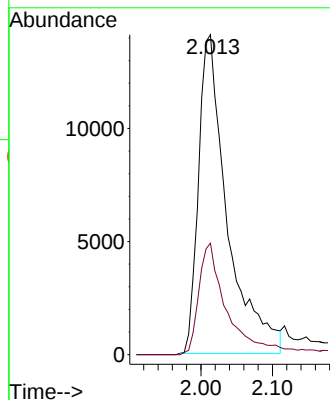
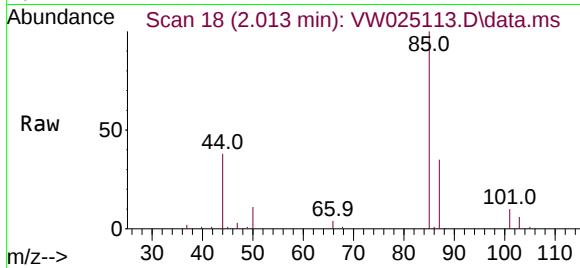




#2
Dichlorodifluoromethane
Concen: 26.315 ug/L
RT: 2.013 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

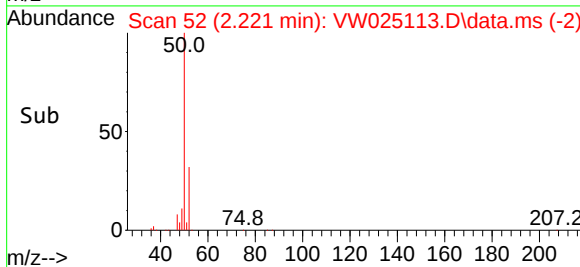
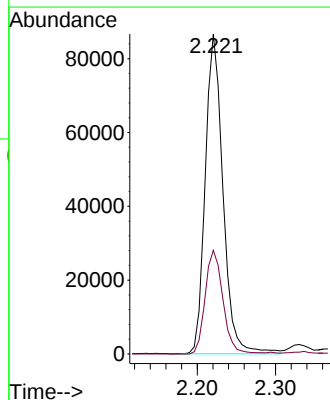
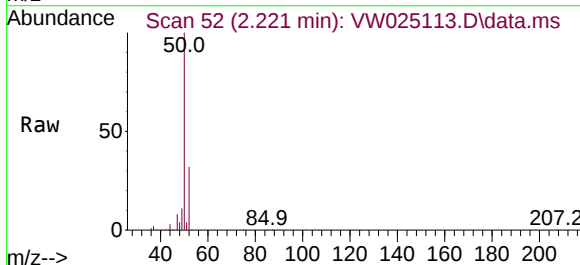
Instrument :
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VSTD025505

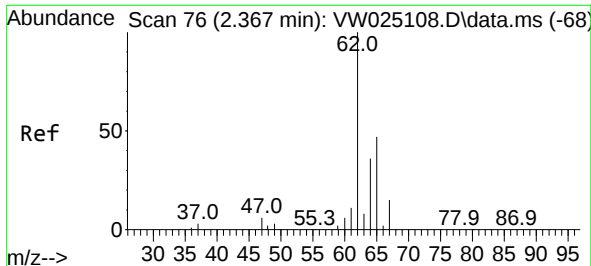
Tgt Ion: 85 Resp: 39354
Ion Ratio Lower Upper
85 100
87 32.9 25.0 37.6



#3
Chloromethane
Concen: 24.538 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 50 Resp: 135975
Ion Ratio Lower Upper
50 100
52 32.4 22.1 41.1

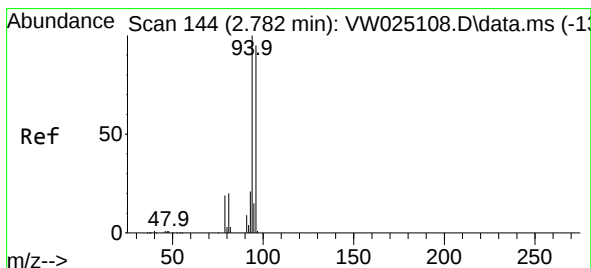
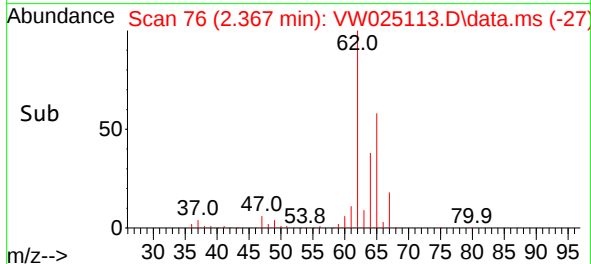
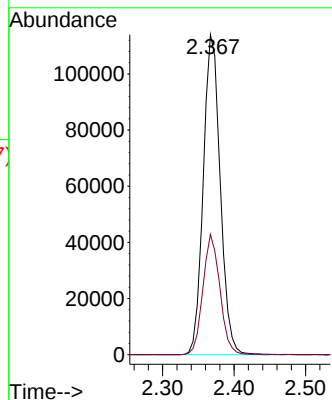
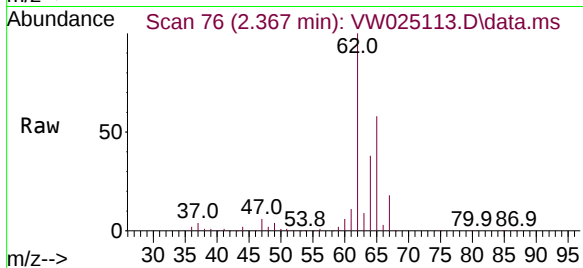




#5
 Vinyl chloride
 Concen: 25.064 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW025113.D
 Acq: 22 Nov 2022 09:06

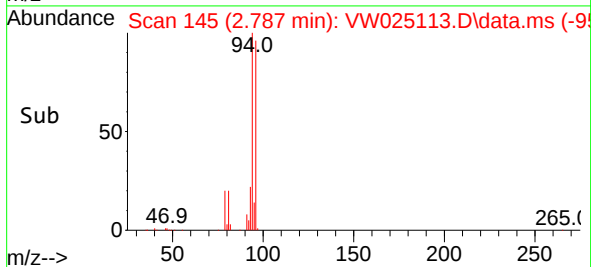
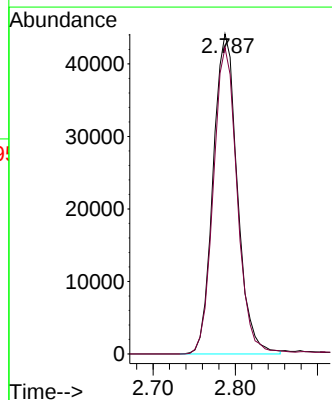
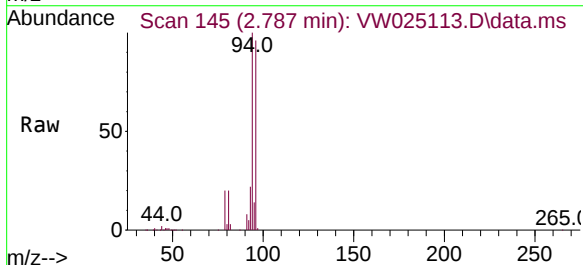
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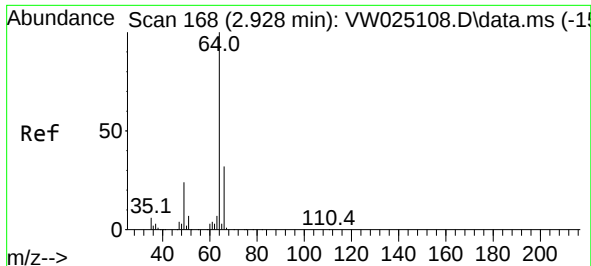
Tgt Ion: 62 Resp: 188168
 Ion Ratio Lower Upper
 62 100
 64 37.6 24.8 46.1



#6
 Bromomethane
 Concen: 24.714 ug/L
 RT: 2.787 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW025113.D
 Acq: 22 Nov 2022 09:06

Tgt Ion: 94 Resp: 90193
 Ion Ratio Lower Upper
 94 100
 96 95.7 66.7 123.9

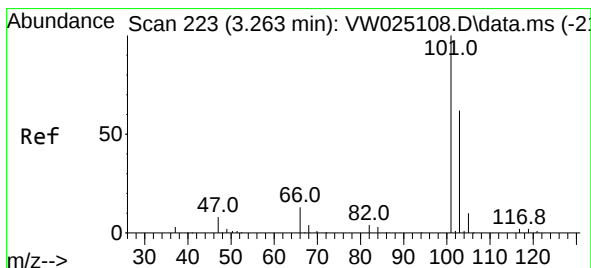
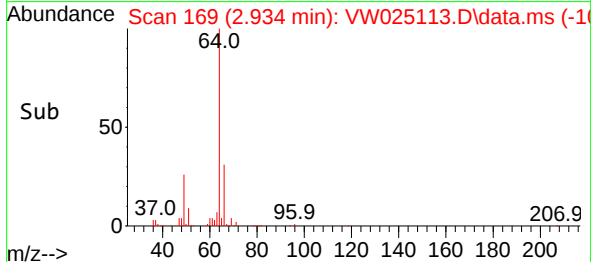
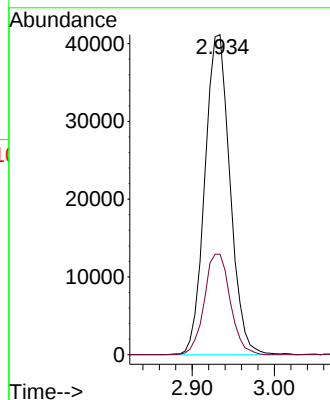
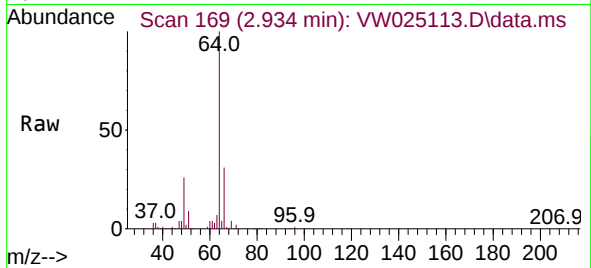




#8
Chloroethane
Concen: 25.271 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

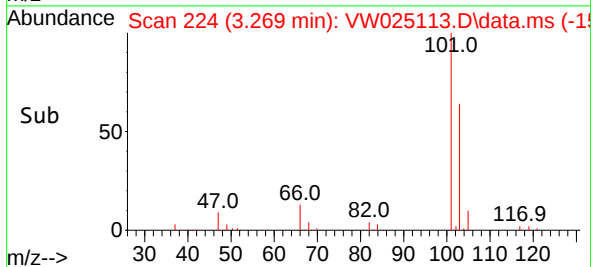
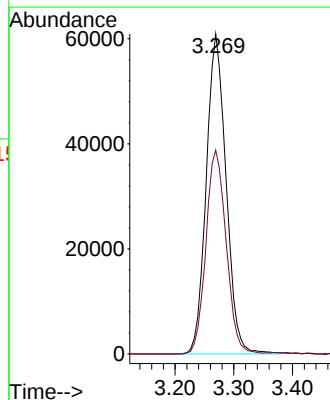
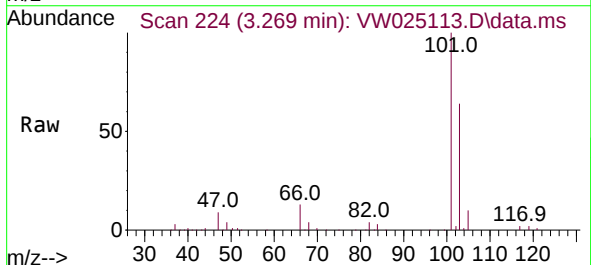
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ClientSampleId :
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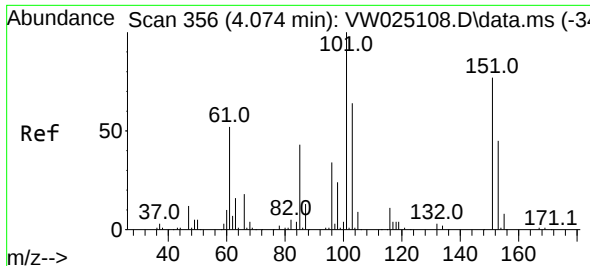
Tgt Ion: 64 Resp: 87420
Ion Ratio Lower Upper
64 100
66 31.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 25.204 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 101 Resp: 142753
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3

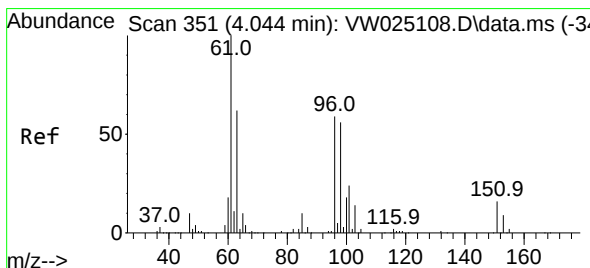
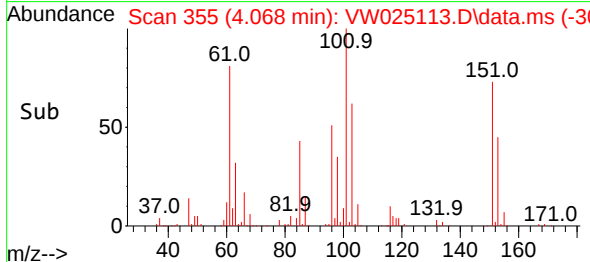
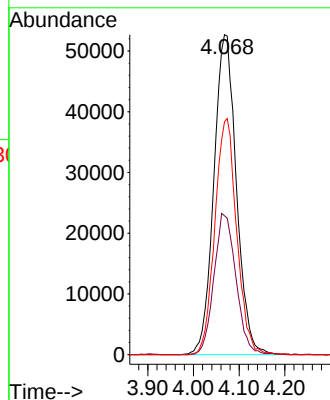
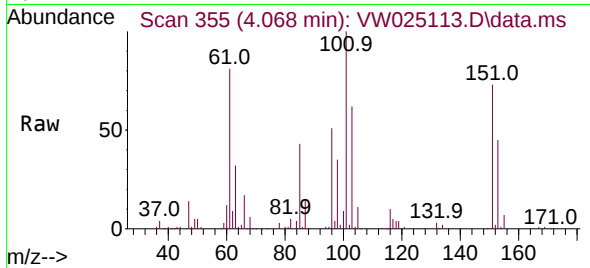




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.601 ug/L
 RT: 4.068 min Scan# 356
 Delta R.T. -0.006 min
 Lab File: VW025113.D
 Acq: 22 Nov 2022 09:06

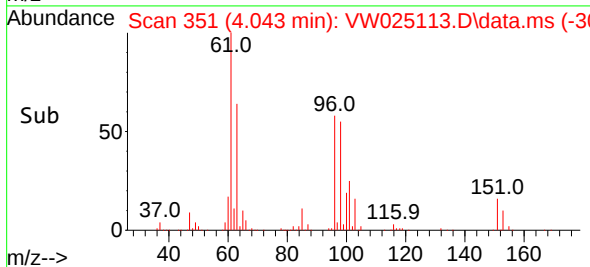
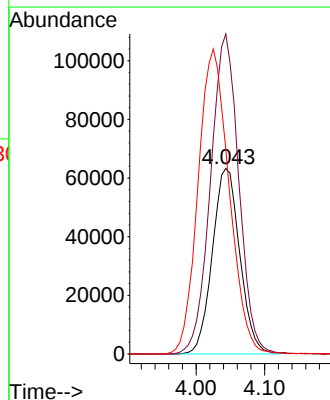
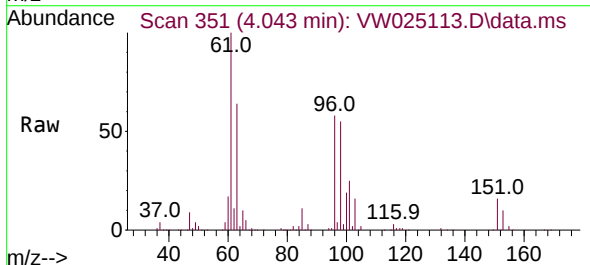
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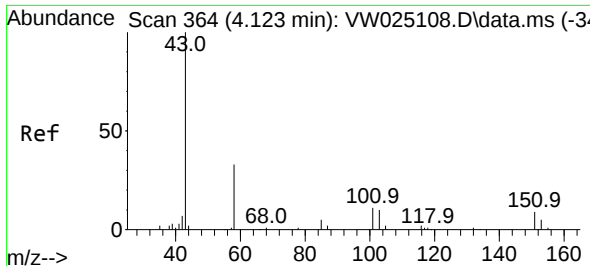
Tgt Ion:101 Resp: 180441
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.6 52.0
 151 70.8 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 26.519 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW025113.D
 Acq: 22 Nov 2022 09:06

Tgt Ion: 96 Resp: 175601
 Ion Ratio Lower Upper
 96 100
 61 172.6 120.8 224.4
 63 110.5 84.1 156.1

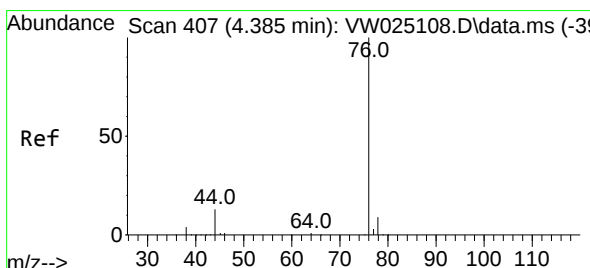
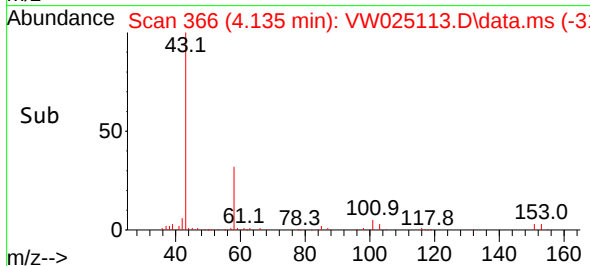
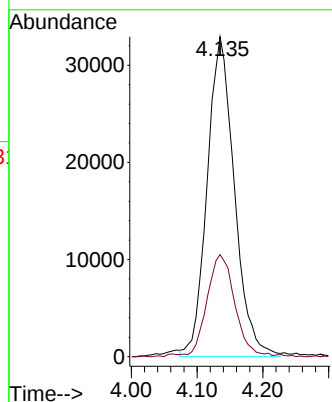
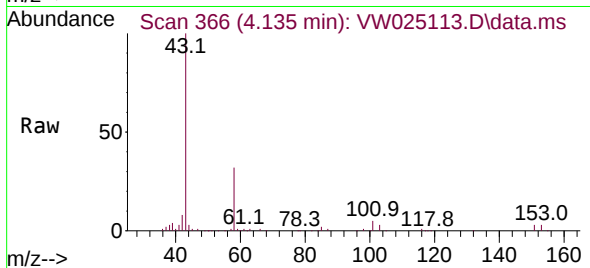




#13
Acetone
Concen: 69.213 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

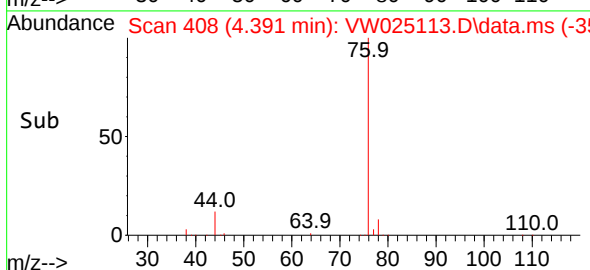
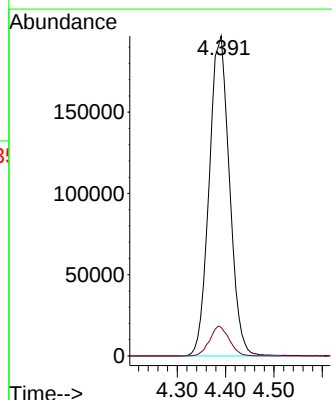
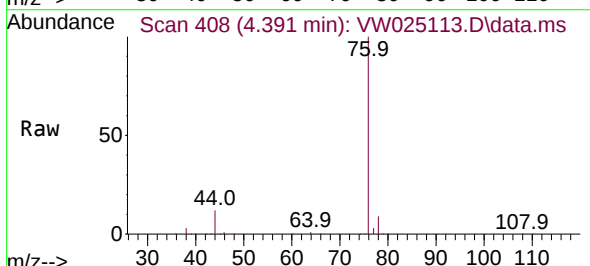
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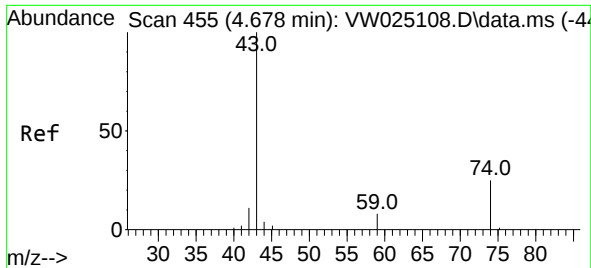
Tgt Ion: 43 Resp: 95000
Ion Ratio Lower Upper
43 100
58 32.0 0.0 65.2



#14
Carbon disulfide
Concen: 25.863 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 76 Resp: 574277
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

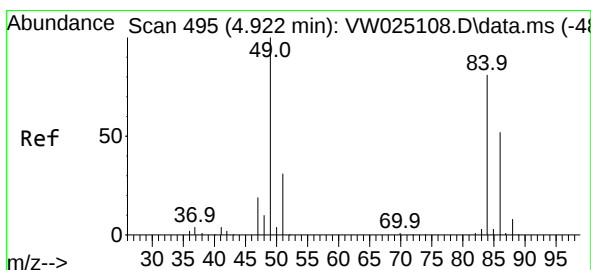
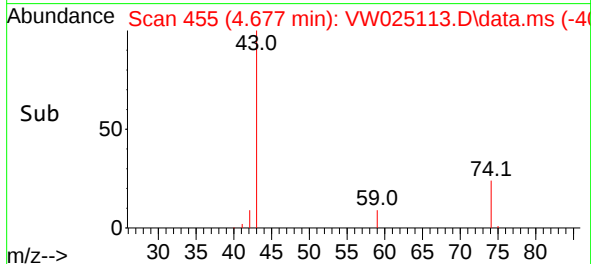
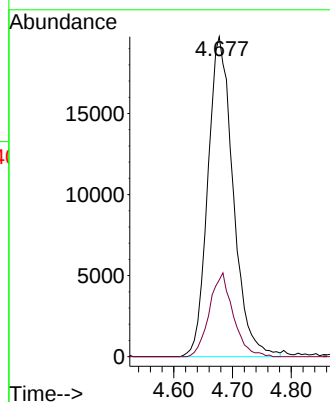
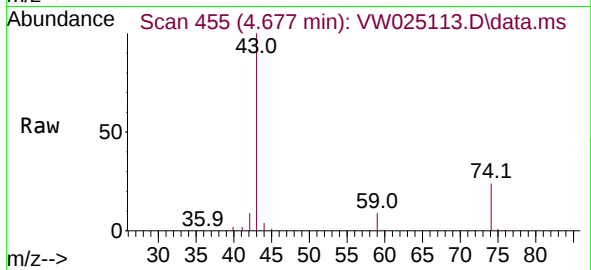




#15
Methyl Acetate
Concen: 26.413 ug/L
RT: 4.677 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

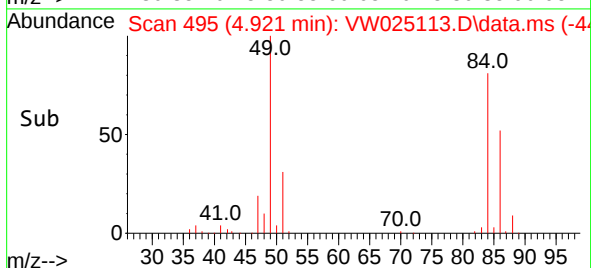
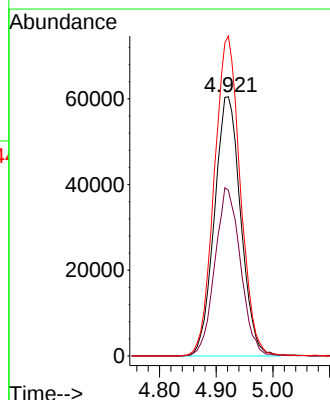
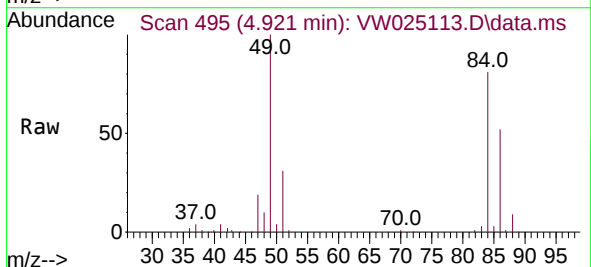
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

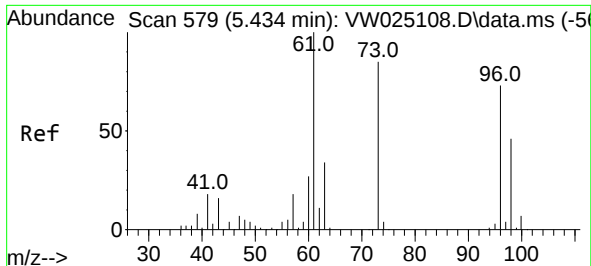
Tgt Ion: 43 Resp: 59135
Ion Ratio Lower Upper
43 100
74 24.6 19.5 29.3



#16
Methylene chloride
Concen: 21.849 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 84 Resp: 194694
Ion Ratio Lower Upper
84 100
86 64.0 45.0 83.6
49 123.5 86.3 160.3

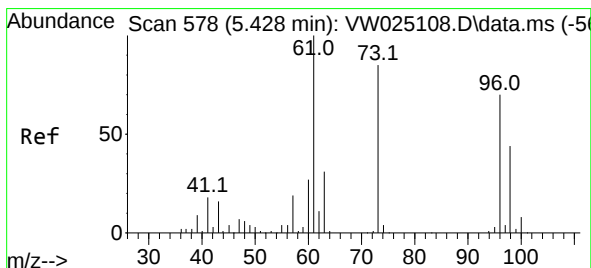
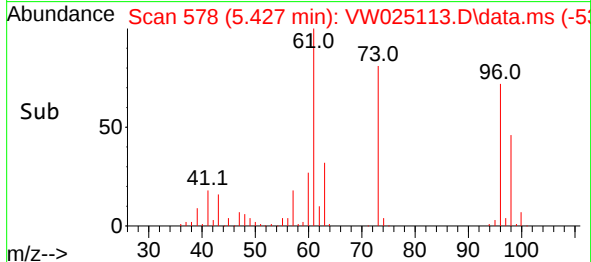
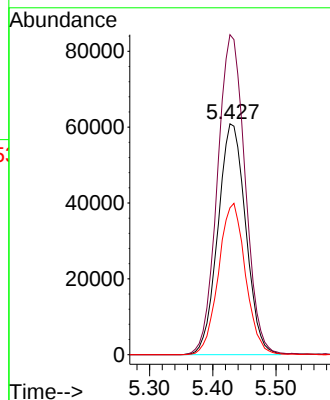
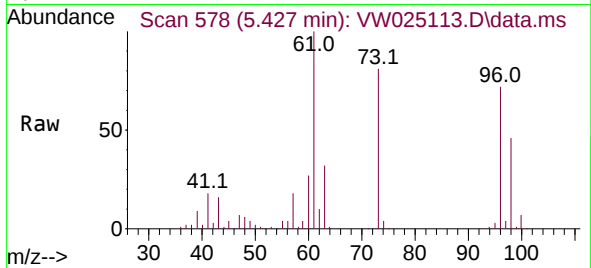




#17
trans-1,2-Dichloroethene
Concen: 26.394 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

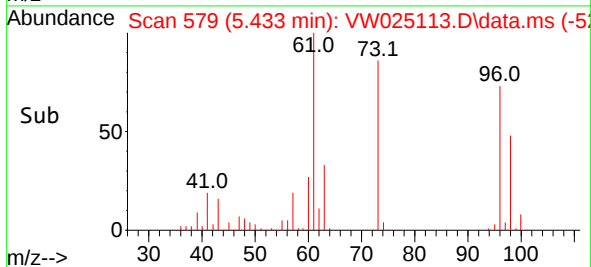
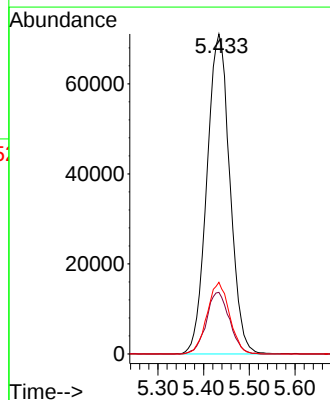
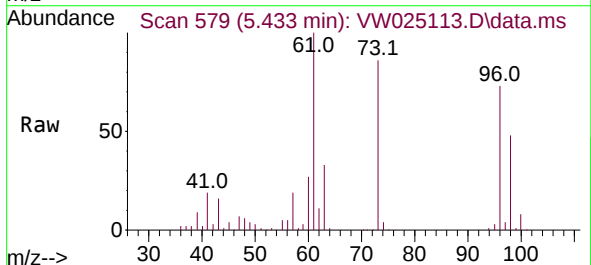
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

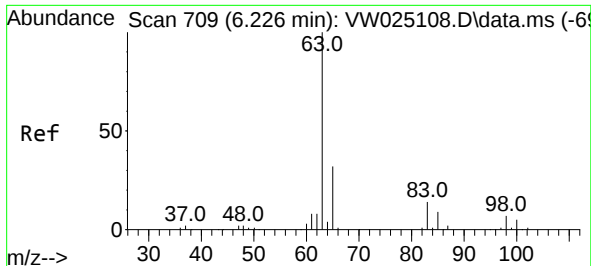
Tgt Ion: 96 Resp: 185667
Ion Ratio Lower Upper
96 100
61 138.6 95.5 177.3
98 63.7 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 26.627 ug/L
RT: 5.433 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 73 Resp: 248248
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 22.0 17.5 26.3

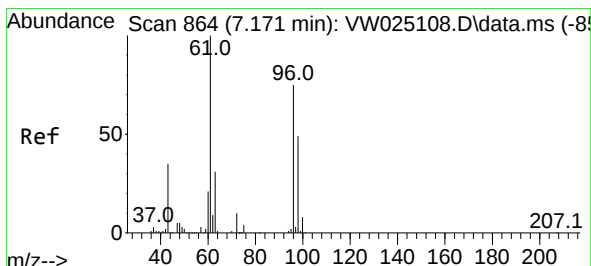
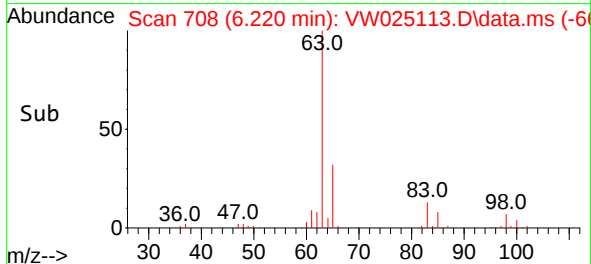
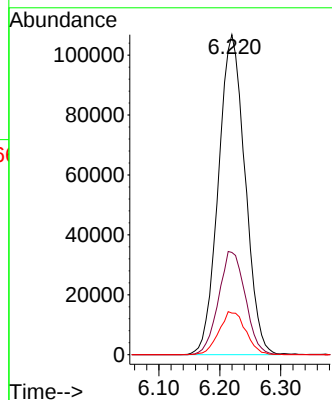
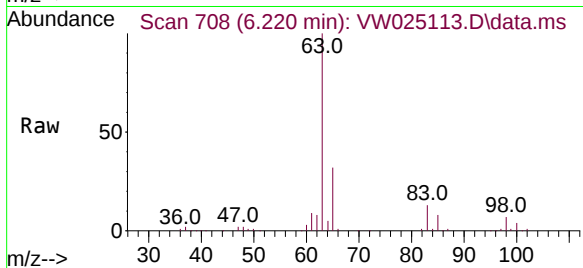




#19
1,1-Dichloroethane
Concen: 26.211 ug/L
RT: 6.220 min Scan# 709
Delta R.T. -0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

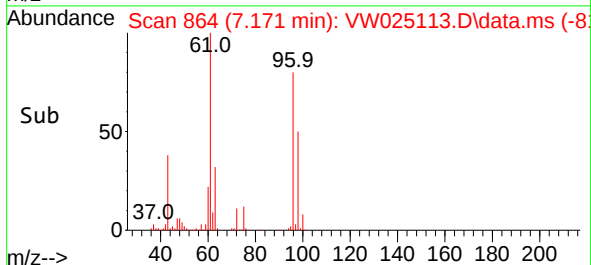
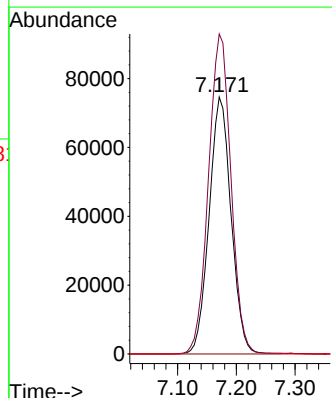
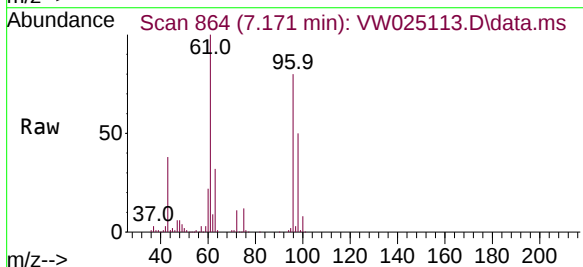
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

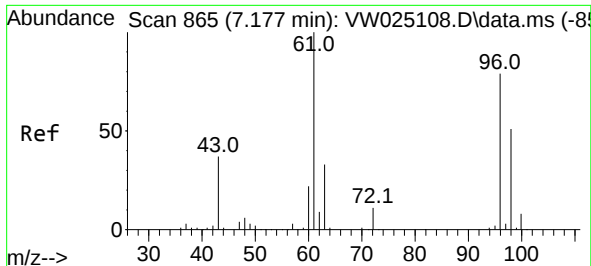
Tgt Ion: 63 Resp: 324880
Ion Ratio Lower Upper
63 100
65 32.0 22.2 41.2
83 13.0 9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 26.661 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 96 Resp: 194252
Ion Ratio Lower Upper
96 100
61 124.5 93.7 173.9
68 0.0 0.0 0.0

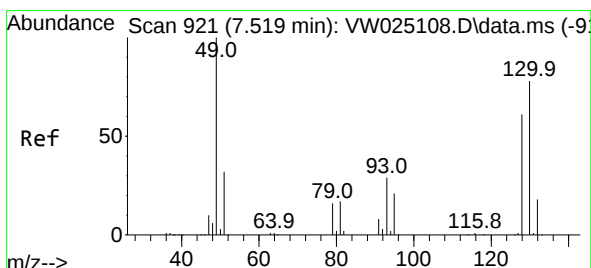
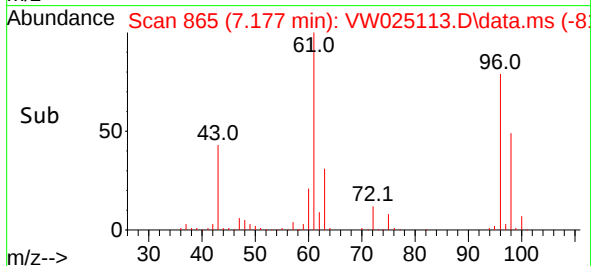
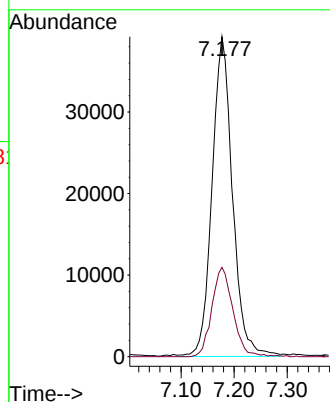
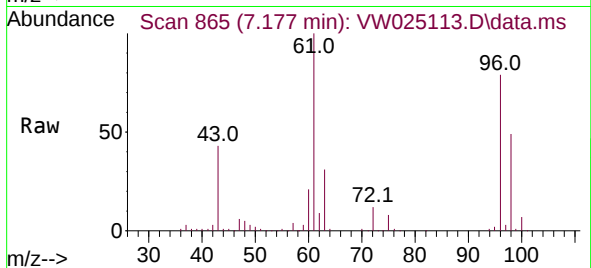




#22
2-Butanone
Concen: 60.710 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

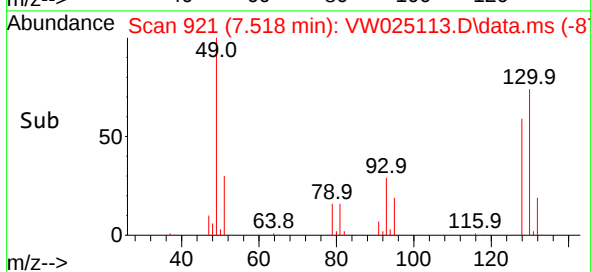
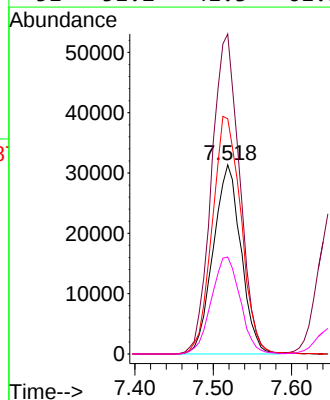
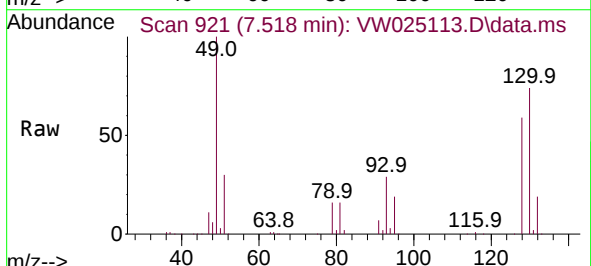
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

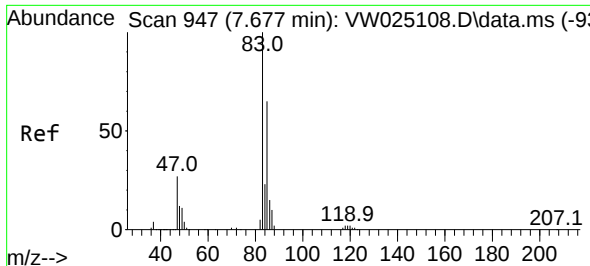
Tgt Ion: 43 Resp: 104975
Ion Ratio Lower Upper
43 100
72 28.5 15.0 45.0



#23
Bromochloromethane
Concen: 26.092 ug/L
RT: 7.518 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 128 Resp: 77095
Ion Ratio Lower Upper
128 100
49 169.2 114.1 211.9
130 124.4 89.0 165.2
51 51.2 41.3 61.9

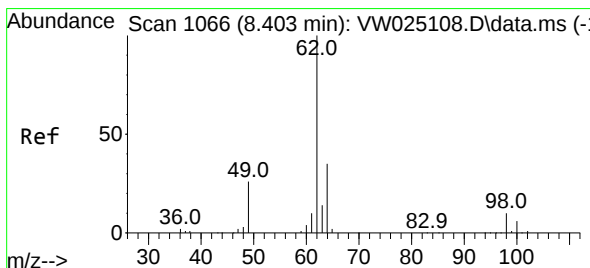
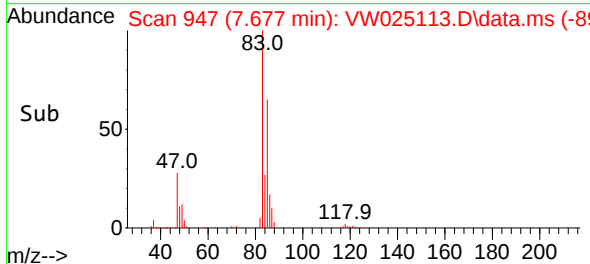
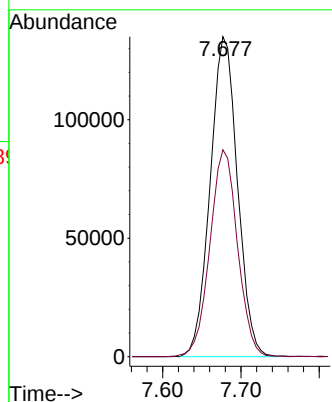
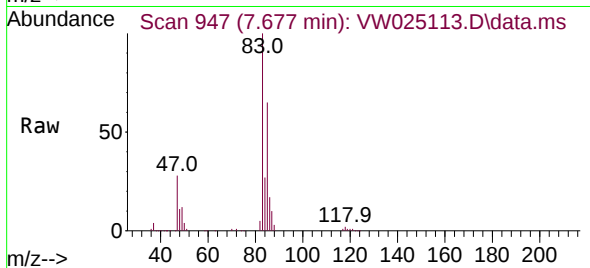




#25
Chloroform
Concen: 26.377 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

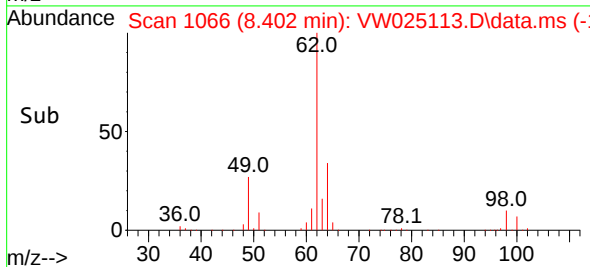
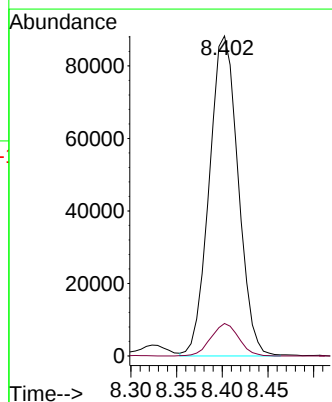
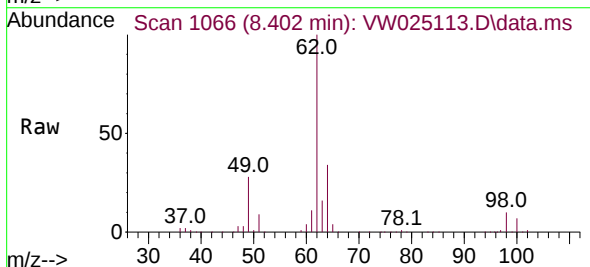
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

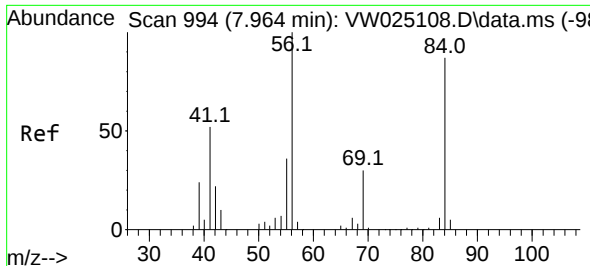
Tgt Ion: 83 Resp: 327198
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 25.950 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 62 Resp: 194314
Ion Ratio Lower Upper
62 100
98 10.2 7.8 11.8

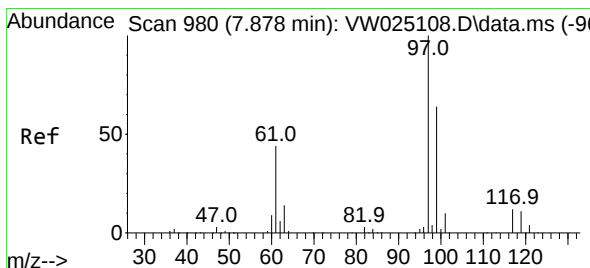
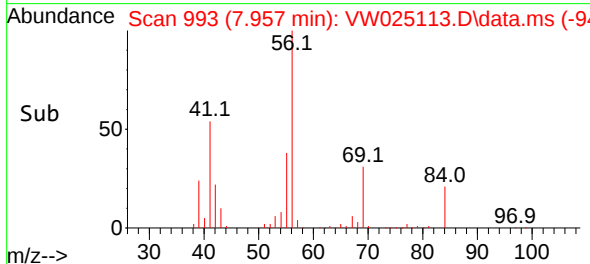
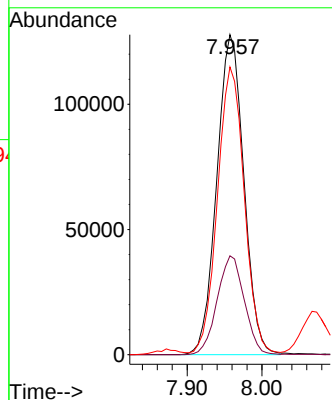
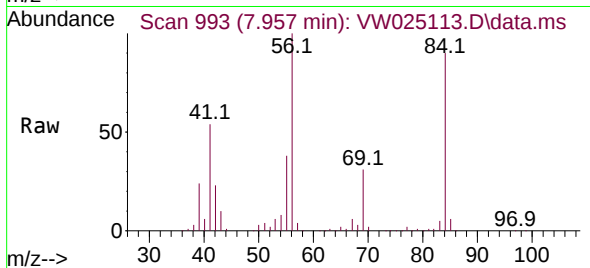




#29
Cyclohexane
Concen: 27.339 ug/L
RT: 7.957 min Scan# 994
Delta R.T. -0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

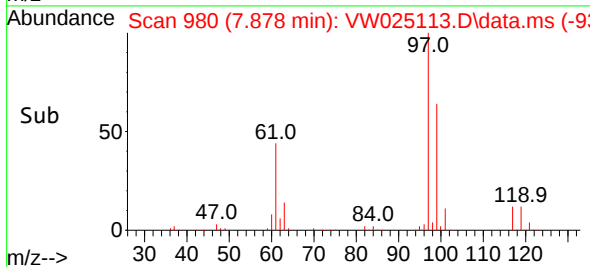
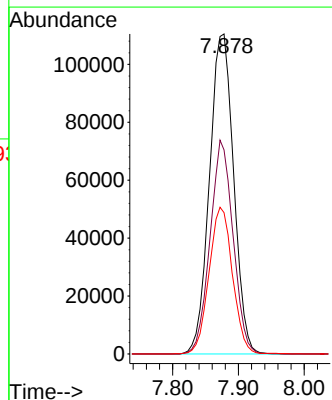
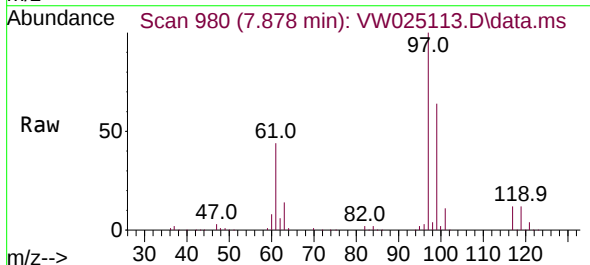
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

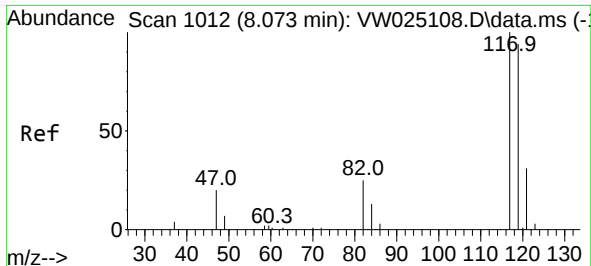
Tgt Ion: 56 Resp: 321980
Ion Ratio Lower Upper
56 100
69 30.8 25.0 37.6
84 89.4 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 27.162 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 97 Resp: 282624
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 44.5 35.5 53.3

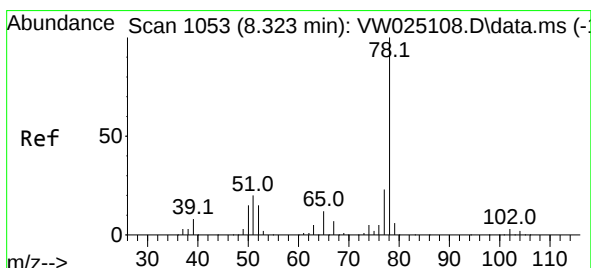
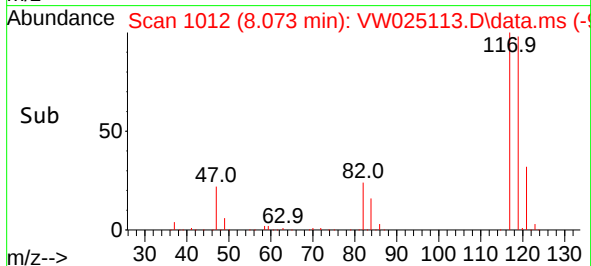
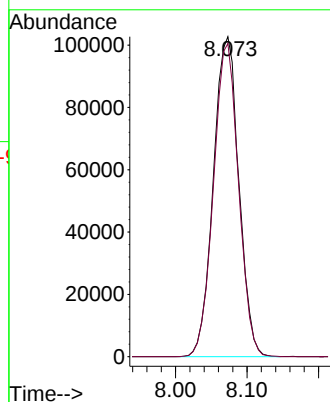
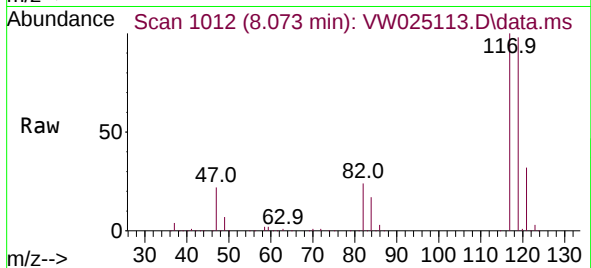




#31
Carbon tetrachloride
Concen: 26.907 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

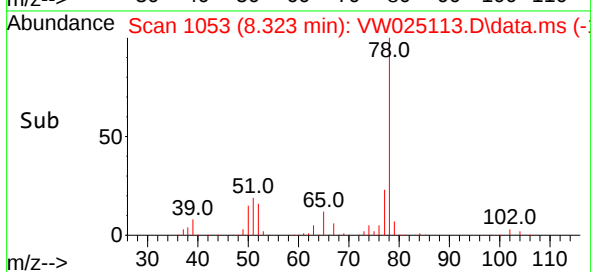
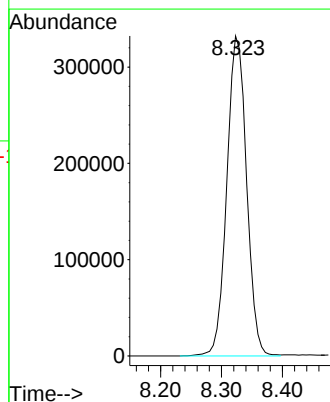
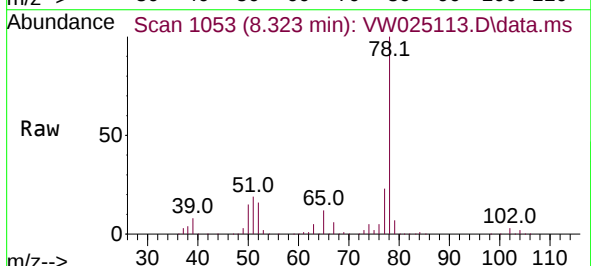
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

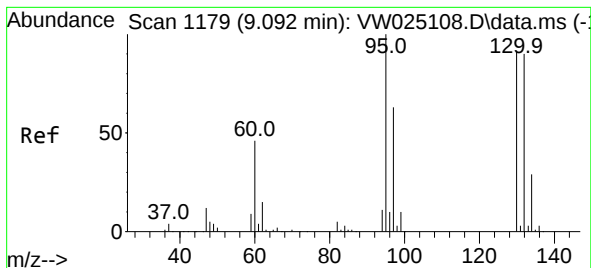
Tgt Ion:117 Resp: 254067
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4



#33
Benzene
Concen: 27.145 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 78 Resp: 749342





#34

Trichloroethene

Concen: 26.894 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

Tgt Ion: 95 Resp: 194586

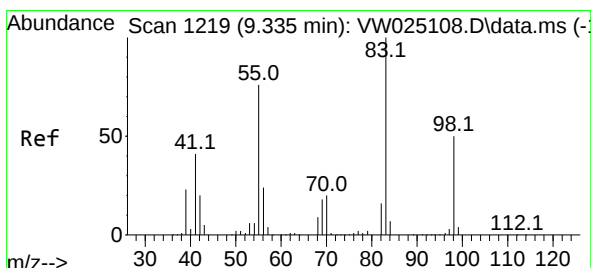
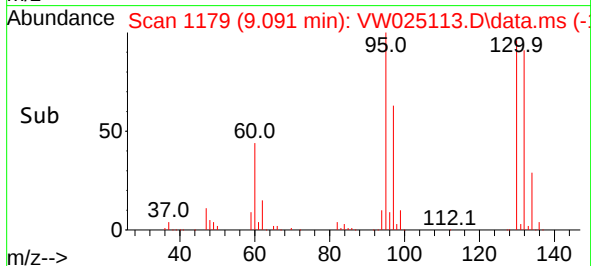
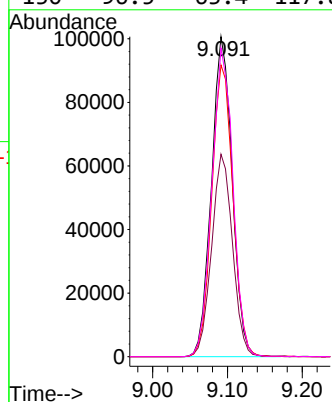
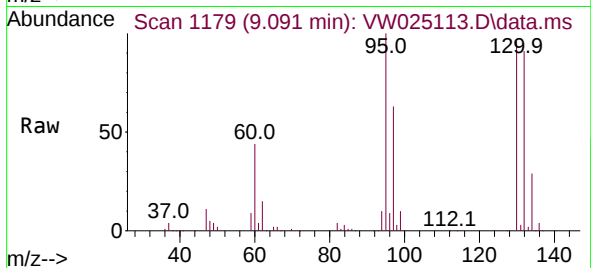
Ion Ratio Lower Upper

95 100

97 63.3 44.3 82.3

132 91.2 63.0 117.0

130 96.5 63.4 117.8



#35

Methylcyclohexane

Concen: 27.625 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

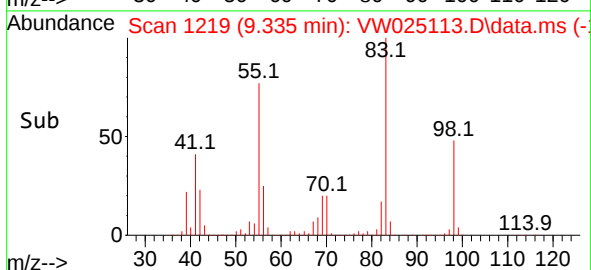
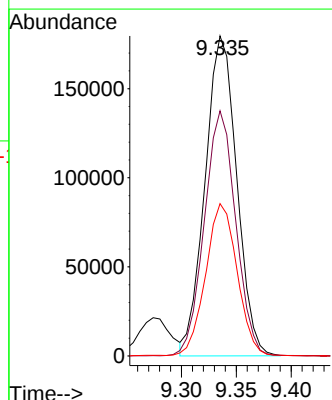
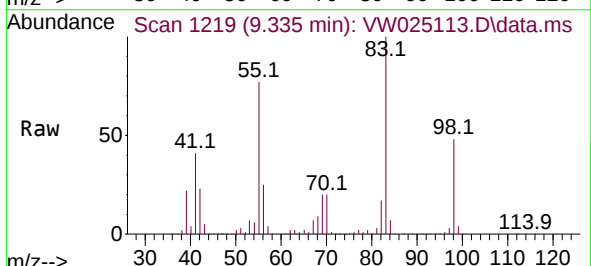
Tgt Ion: 83 Resp: 361590

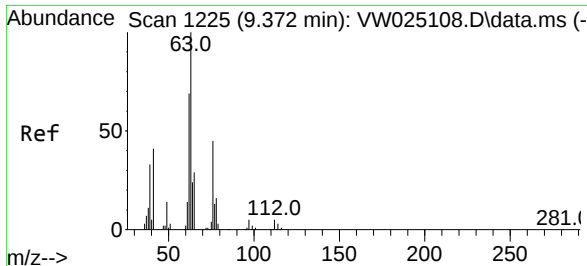
Ion Ratio Lower Upper

83 100

55 76.0 59.3 88.9

98 47.4 38.6 57.8





#37

1,2-Dichloropropane

Concen: 26.897 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

Instrument :

MSVOA_W

ClientSampleId :

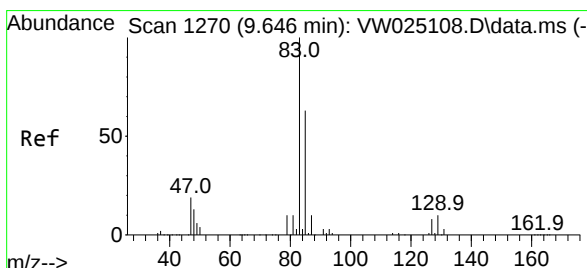
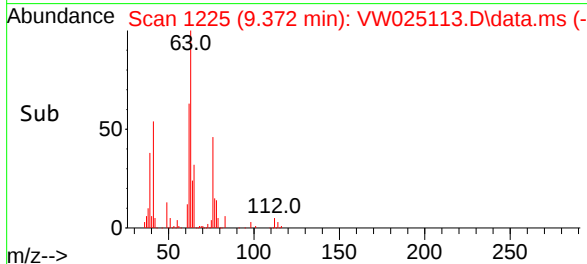
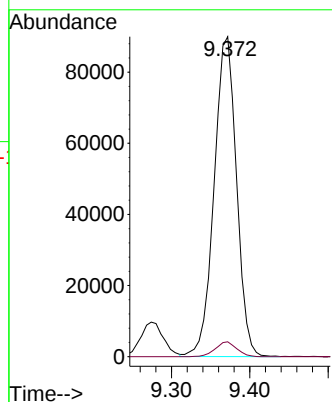
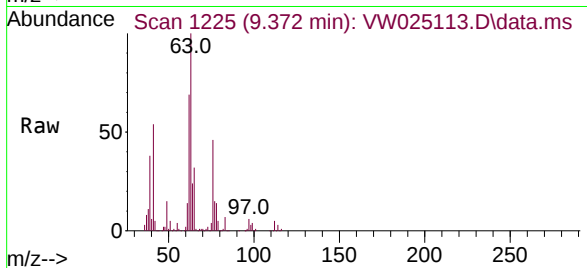
VSTD025505

Tgt Ion: 63 Resp: 178645

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 26.827 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

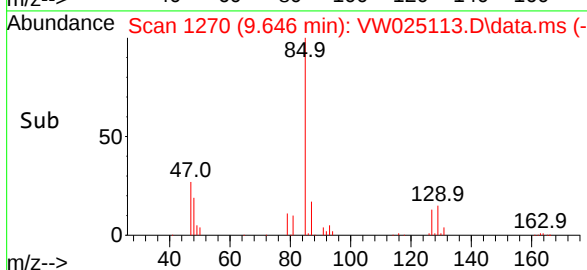
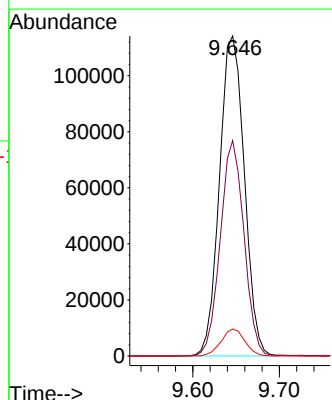
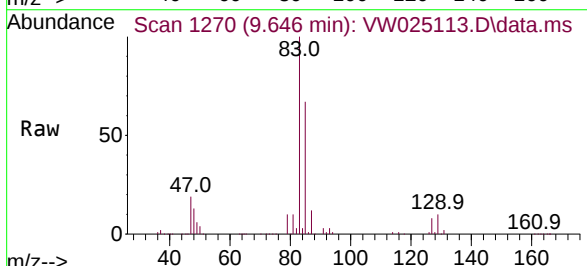
Tgt Ion: 83 Resp: 227608

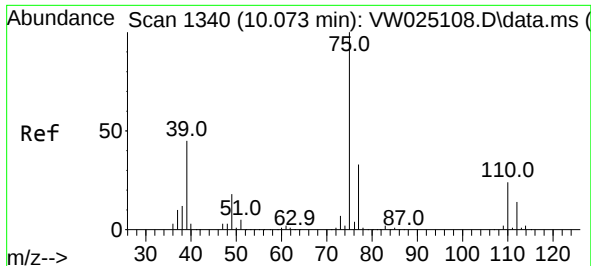
Ion Ratio Lower Upper

83 100

85 67.3 44.2 82.2

127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 27.168 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

Instrument :

MSVOA_W

ClientSampleId :

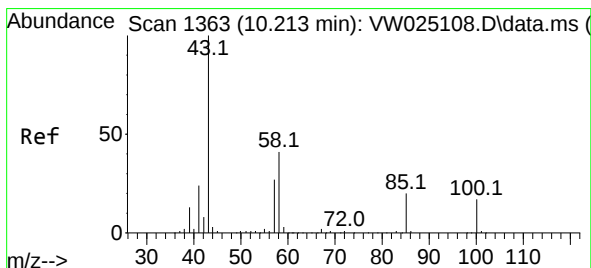
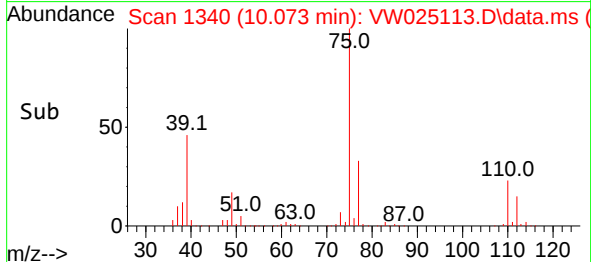
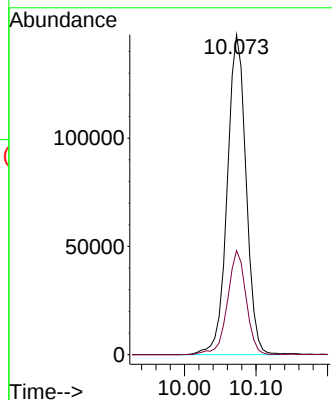
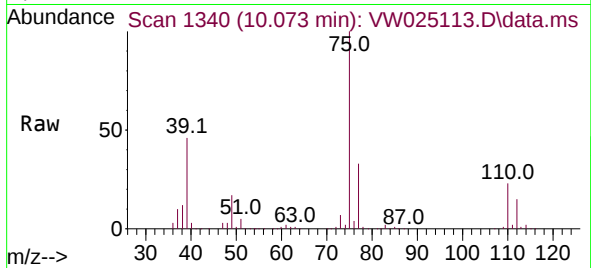
VSTD025505

Tgt Ion: 75 Resp: 270431

Ion Ratio Lower Upper

75 100

77 32.6 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 56.670 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

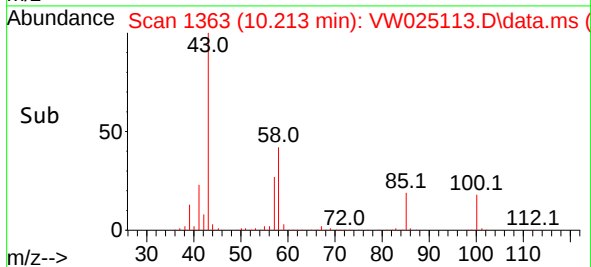
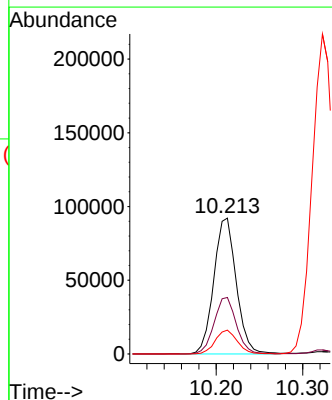
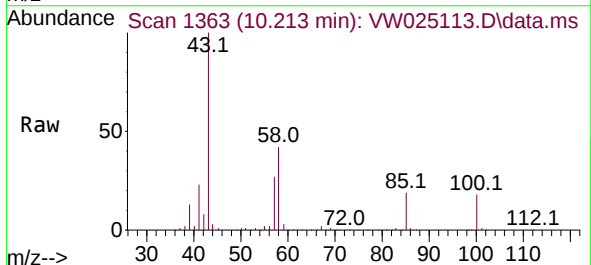
Tgt Ion: 43 Resp: 166280

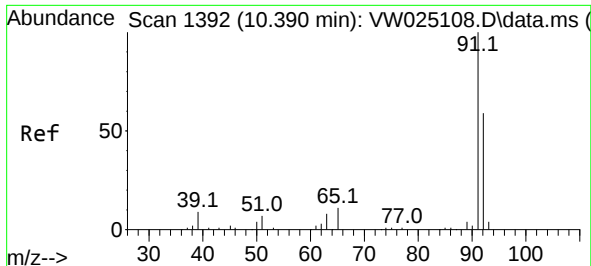
Ion Ratio Lower Upper

43 100

58 41.2 33.3 49.9

100 17.2 13.8 20.6

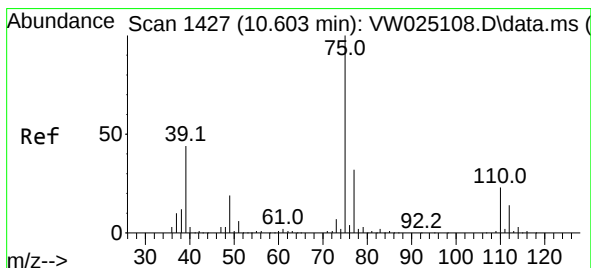
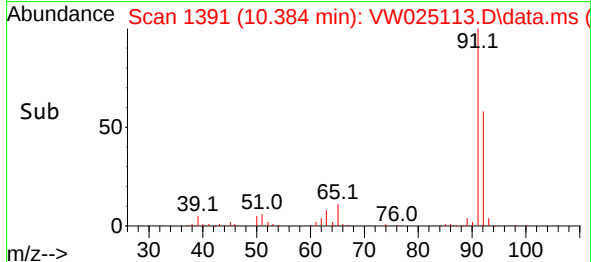
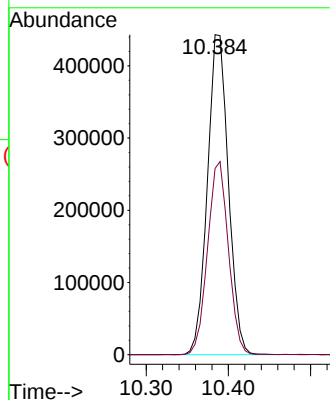
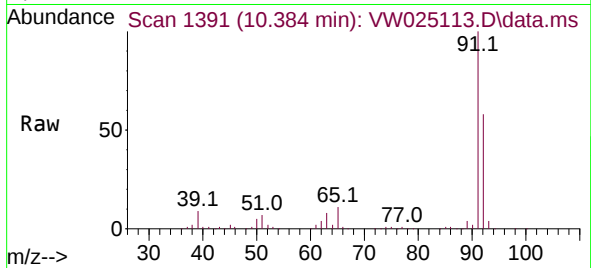




#42
Toluene
Concen: 27.044 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

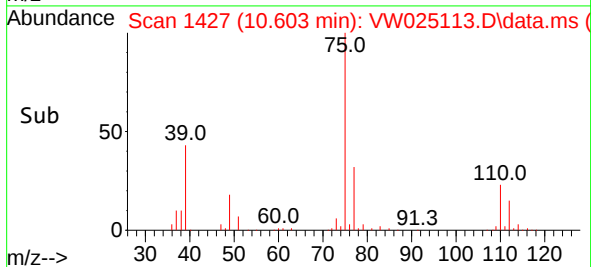
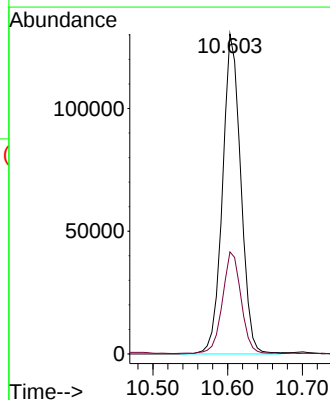
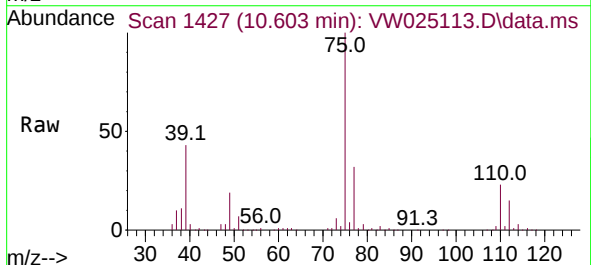
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

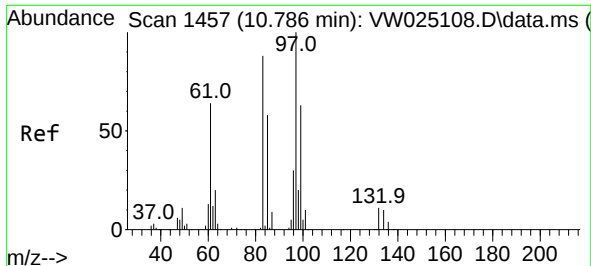
Tgt Ion: 91 Resp: 787180
Ion Ratio Lower Upper
91 100
92 58.2 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 27.271 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 75 Resp: 221731
Ion Ratio Lower Upper
75 100
77 31.9 22.5 41.7

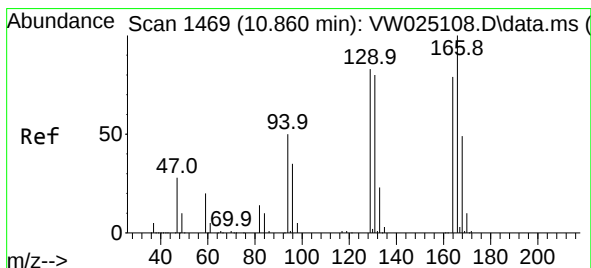
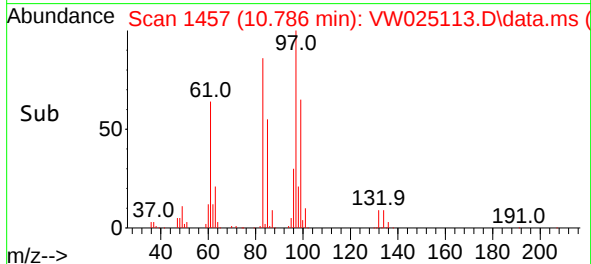
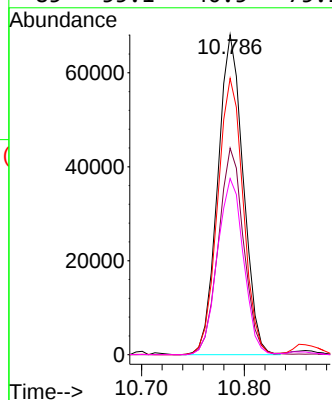
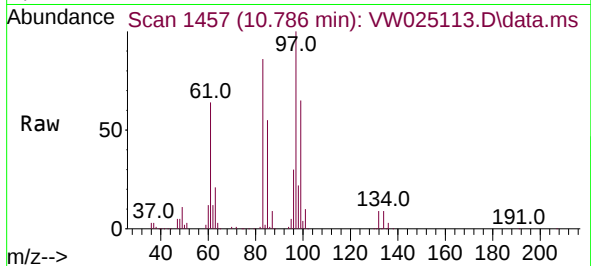




#45
1,1,2-Trichloroethane
Concen: 26.360 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

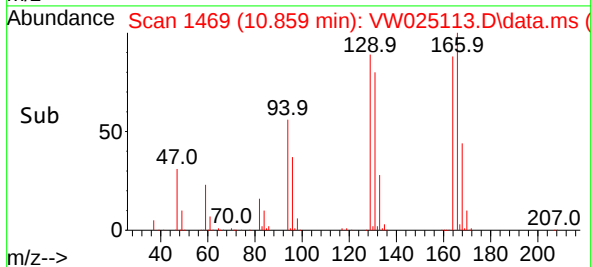
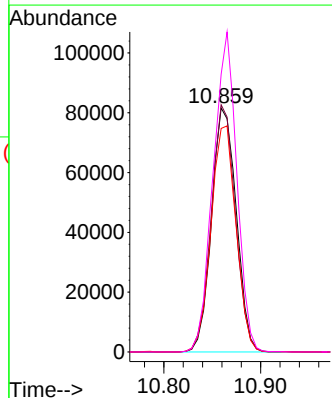
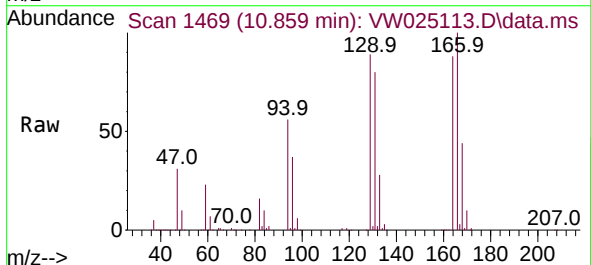
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

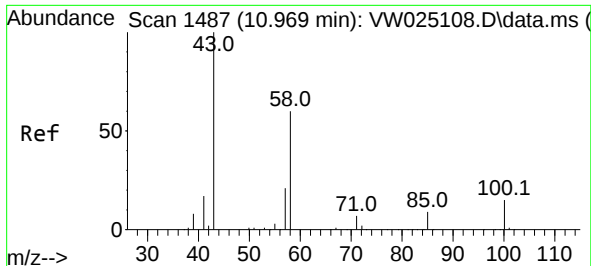
Tgt Ion:	97	Resp:	117184
Ion	Ratio	Lower	Upper
97	100		
99	64.6	44.3	82.3
83	86.4	61.3	113.9
85	55.1	40.5	75.1



#46
Tetrachloroethene
Concen: 26.878 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion:	164	Resp:	144652
Ion	Ratio	Lower	Upper
164	100		
129	101.3	73.4	136.4
131	91.6	70.8	131.4
166	113.8	88.3	164.1

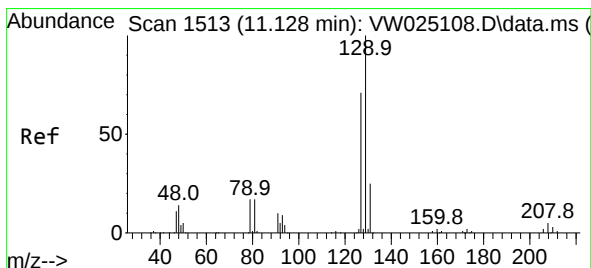
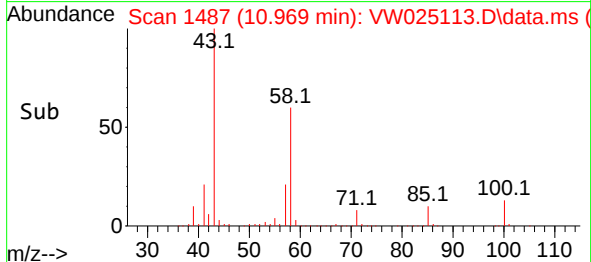
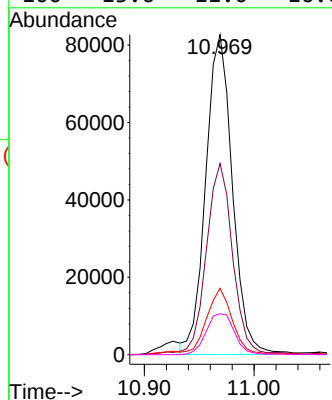
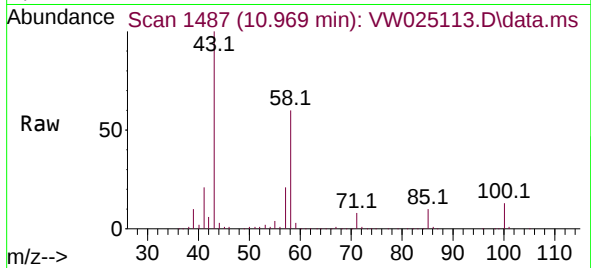




#48
2-Hexanone
Concen: 65.949 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

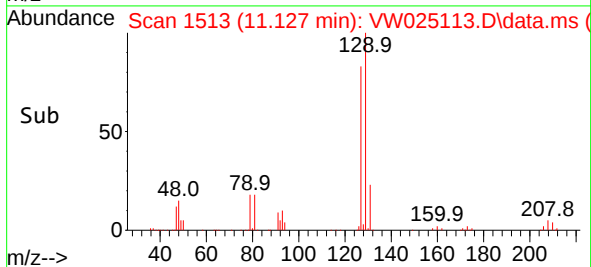
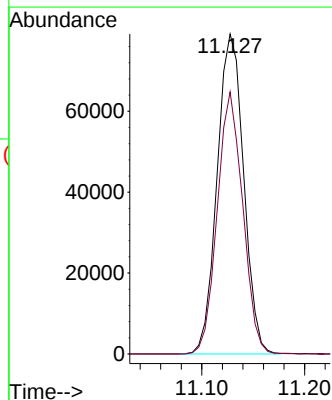
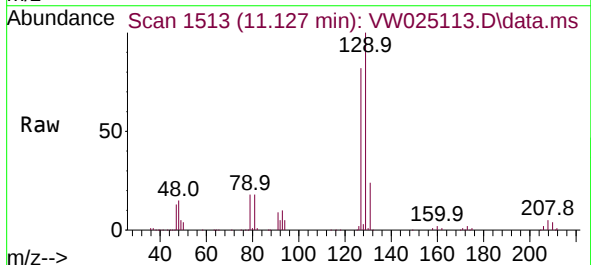
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

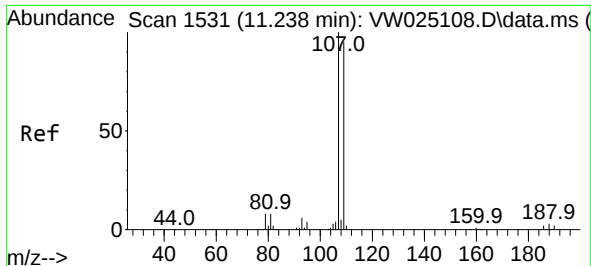
Tgt Ion:	43	Resp:	139790
Ion	Ratio	Lower	Upper
43	100		
58	57.0	46.6	69.8
57	19.9	16.7	25.1
100	13.6	11.0	16.6



#49
Dibromochloromethane
Concen: 26.671 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion:	129	Resp:	141659
Ion	Ratio	Lower	Upper
129	100		
127	81.9	49.7	92.3

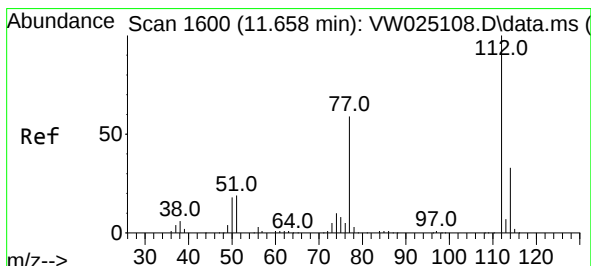
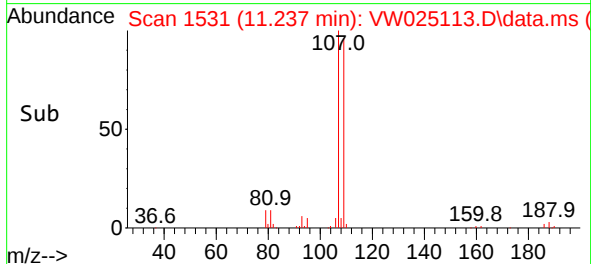
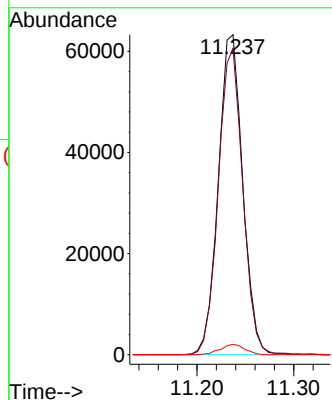
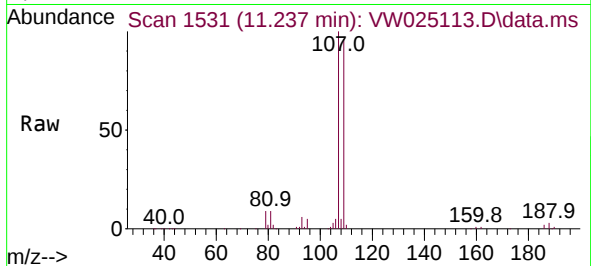




#50
1,2-Dibromoethane
Concen: 26.825 ug/L
RT: 11.237 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

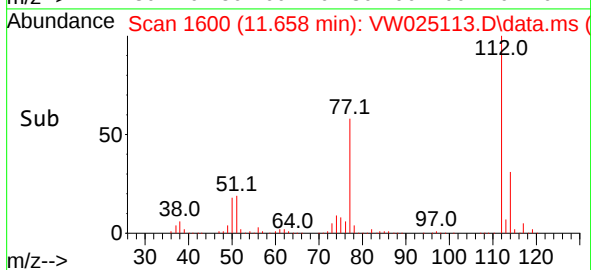
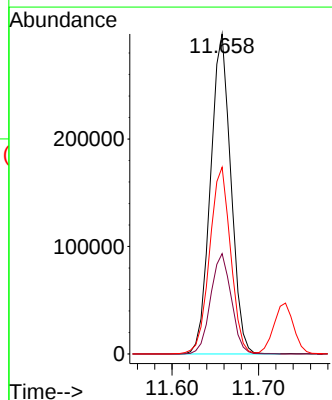
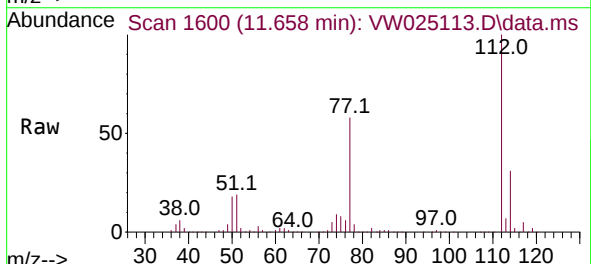
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

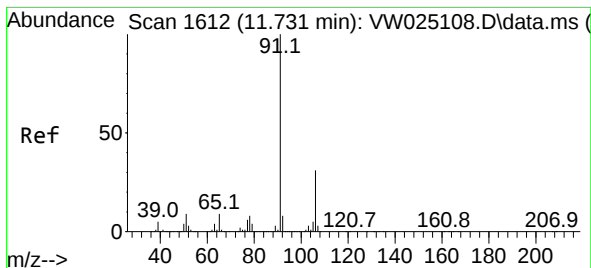
Tgt Ion:107 Resp: 110719
Ion Ratio Lower Upper
107 100
109 95.7 66.8 124.2
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 26.947 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion:112 Resp: 486555
Ion Ratio Lower Upper
112 100
114 31.3 23.2 43.2
77 58.3 47.2 70.8

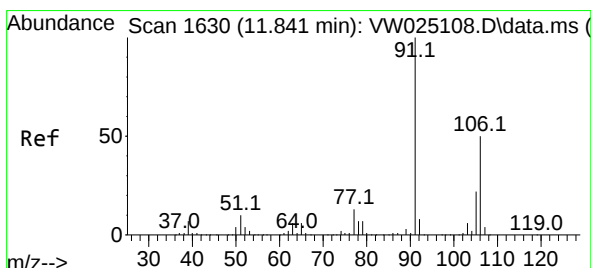
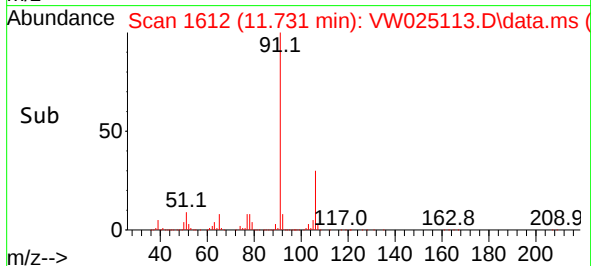
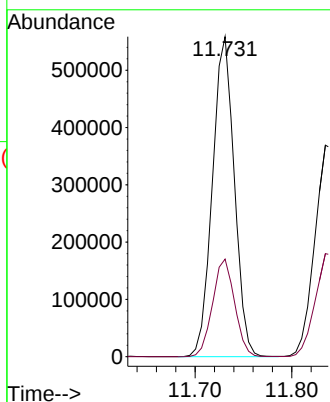
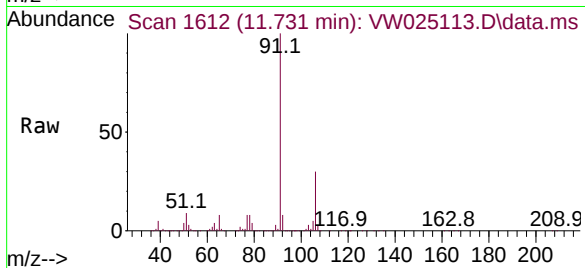




#52
Ethylbenzene
Concen: 26.795 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

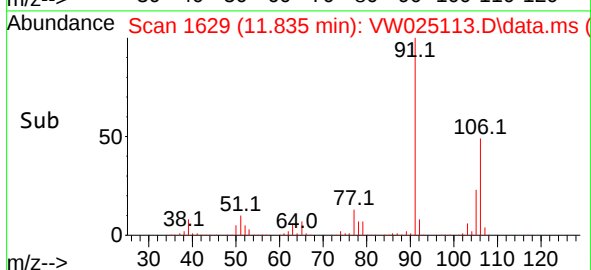
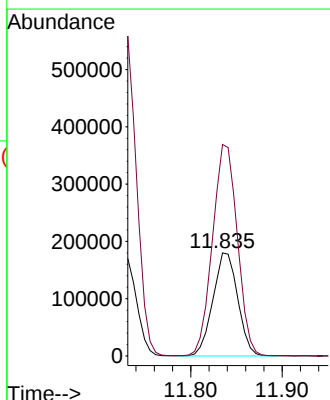
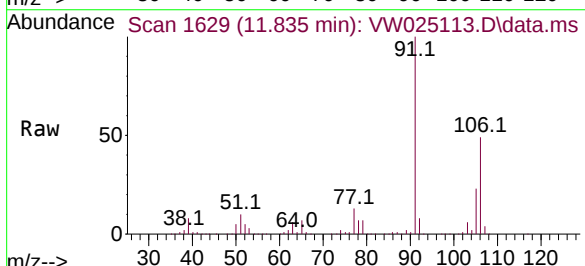
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

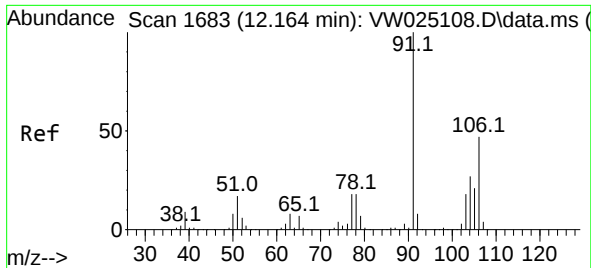
Tgt Ion: 91 Resp: 877726
Ion Ratio Lower Upper
91 100
106 30.5 21.9 40.7



#53
m,p-Xylene
Concen: 26.980 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion:106 Resp: 339079
Ion Ratio Lower Upper
106 100
91 205.4 139.7 259.4

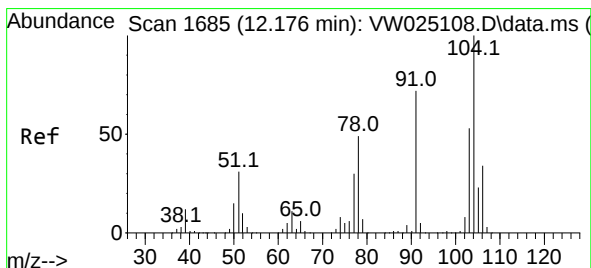
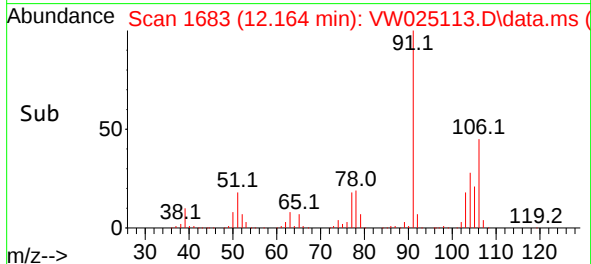
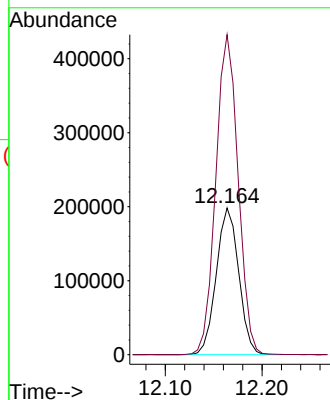
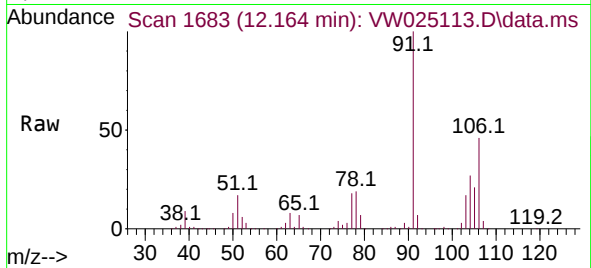




#54
o-Xylene
Concen: 27.186 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

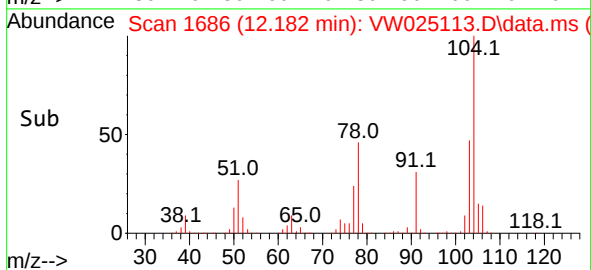
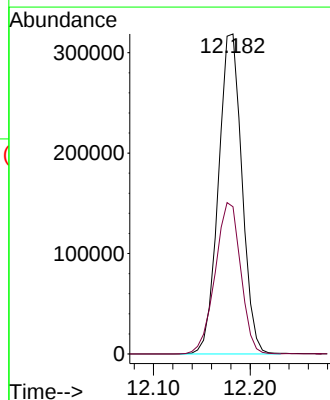
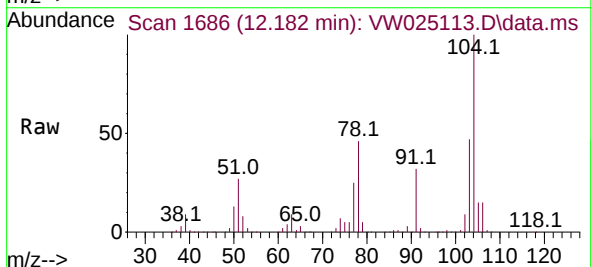
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

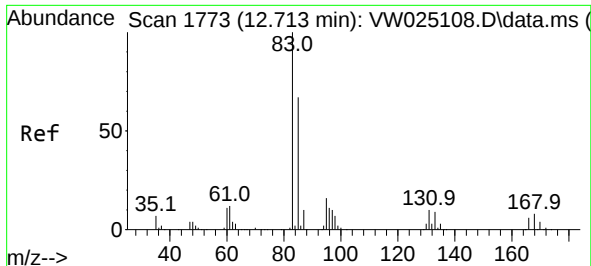
Tgt Ion:106 Resp: 319063
Ion Ratio Lower Upper
106 100
91 218.2 148.8 276.4



#55
Styrene
Concen: 27.336 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion:104 Resp: 537736
Ion Ratio Lower Upper
104 100
78 46.0 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 26.954 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

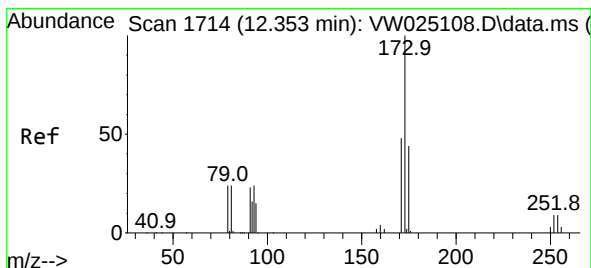
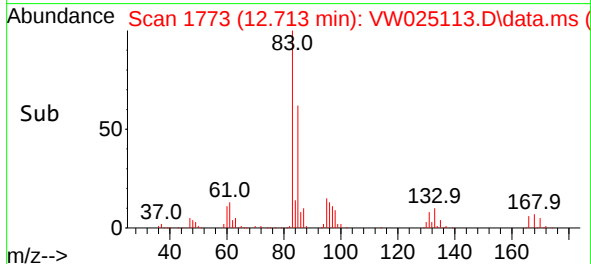
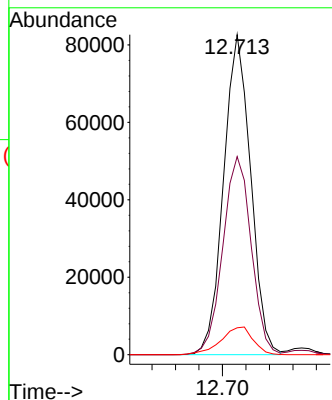
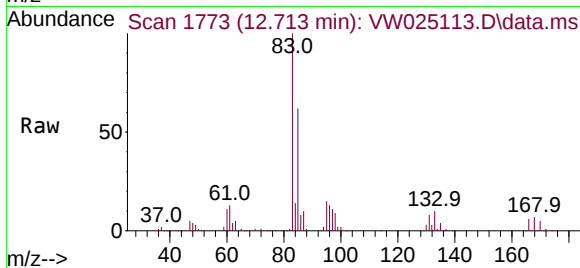
Tgt Ion: 83 Resp: 132292

Ion Ratio Lower Upper

83 100

85 61.9 46.8 87.0

131 8.4 8.2 12.2



#59

Bromoform

Concen: 26.504 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

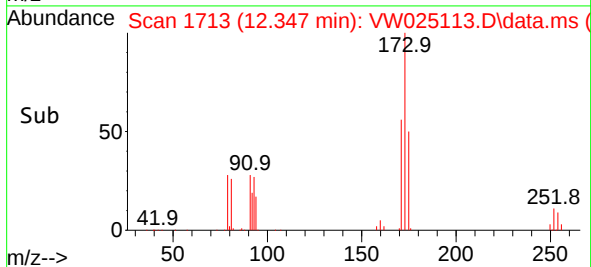
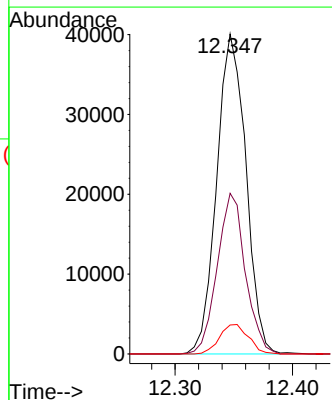
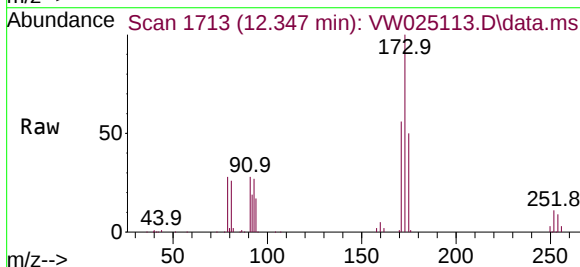
Tgt Ion:173 Resp: 69189

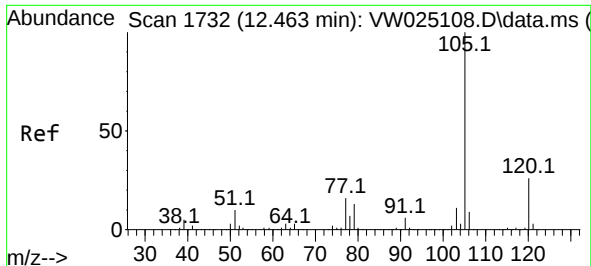
Ion Ratio Lower Upper

173 100

175 48.4 37.4 56.0

254 9.1 6.8 10.2

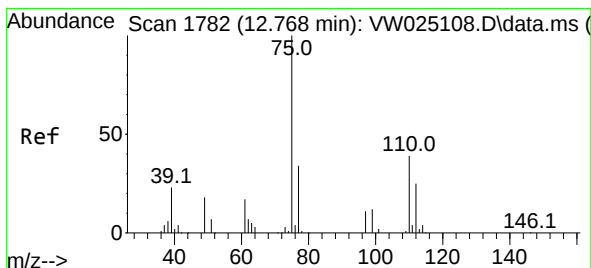
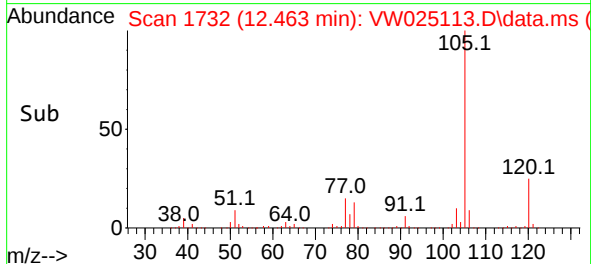
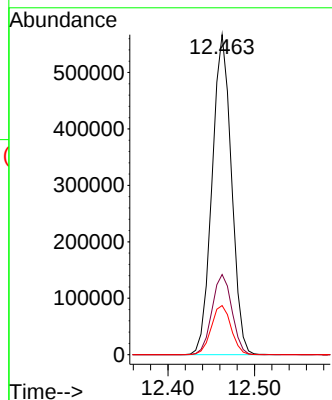
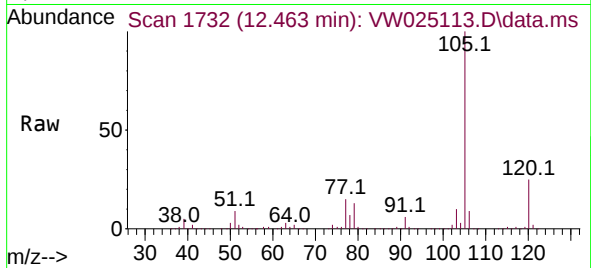




#60
Isopropylbenzene
Concen: 26.692 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

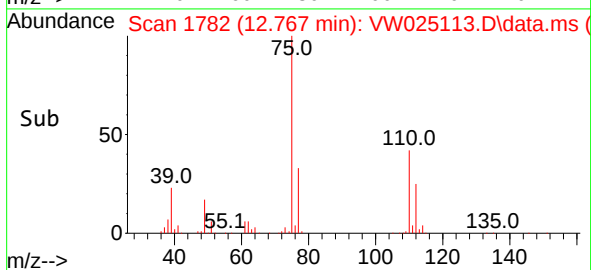
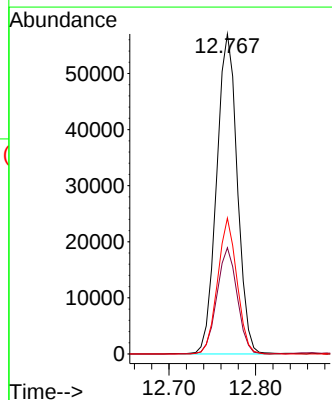
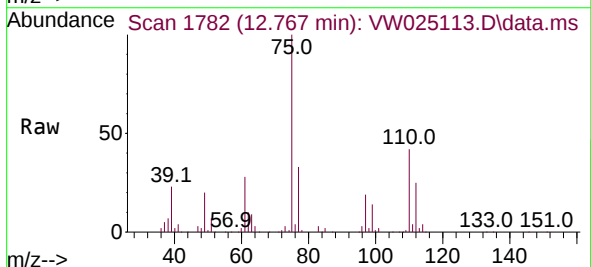
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

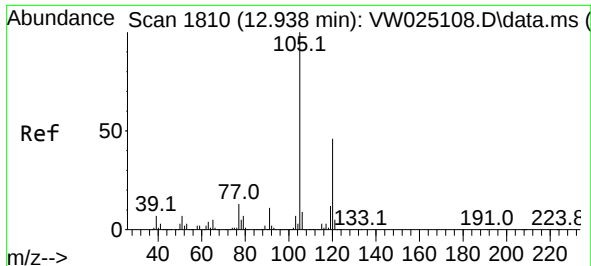
Tgt Ion:105 Resp: 879686
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 25.951 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion: 75 Resp: 94558
Ion Ratio Lower Upper
75 100
77 32.5 26.6 40.0
110 39.6 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 27.020 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

Instrument :

MSVOA_W

ClientSampleId :

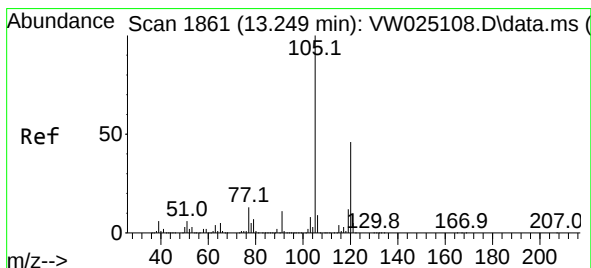
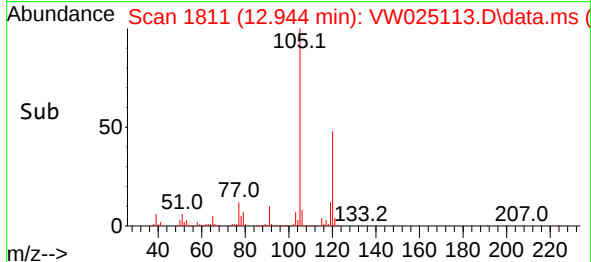
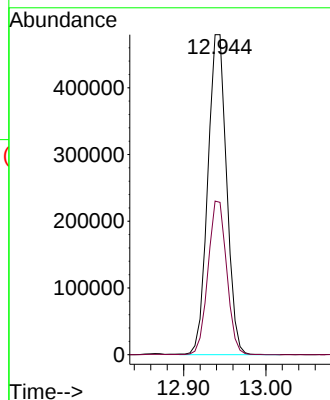
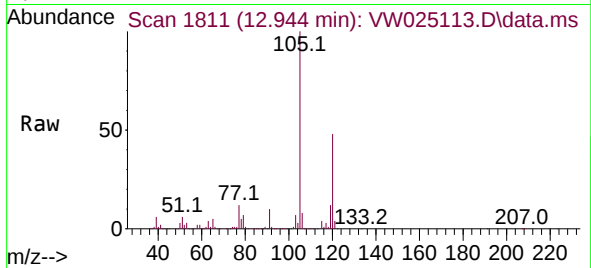
VSTD025505

Tgt Ion:105 Resp: 760996

Ion Ratio Lower Upper

105 100

120 47.7 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 27.158 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025113.D

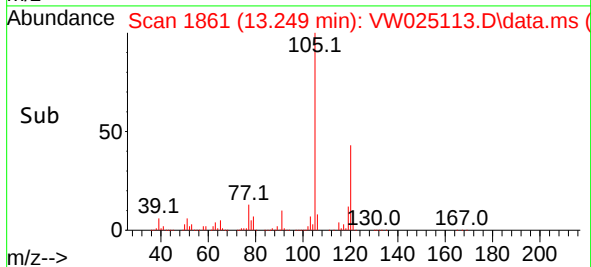
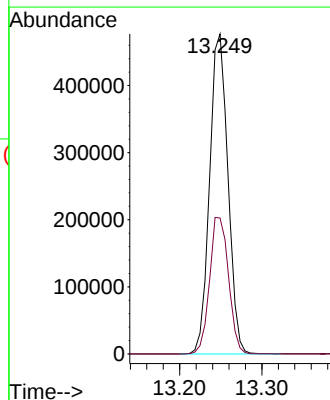
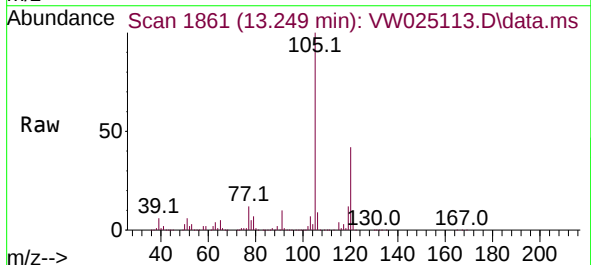
Acq: 22 Nov 2022 09:06

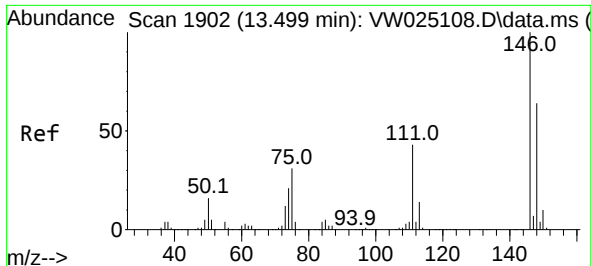
Tgt Ion:105 Resp: 737569

Ion Ratio Lower Upper

105 100

120 44.1 36.1 54.1

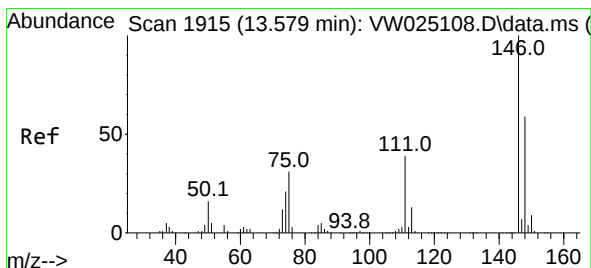
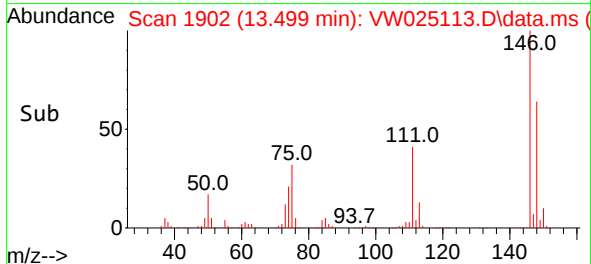
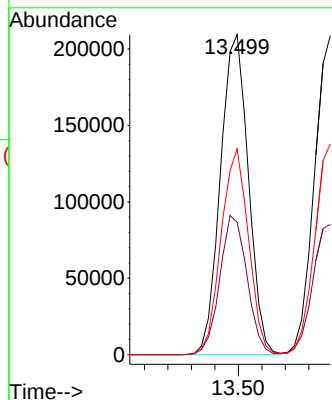
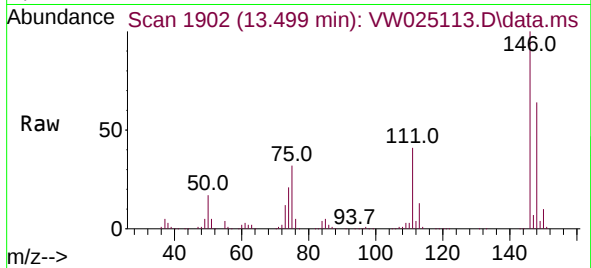




#64
1,3-Dichlorobenzene
Concen: 25.954 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

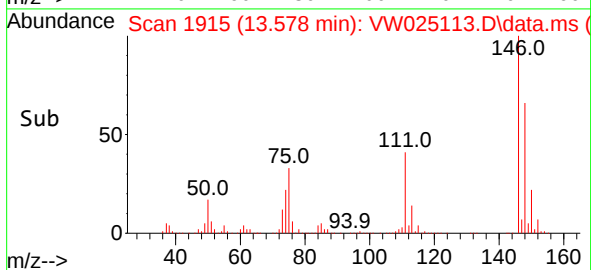
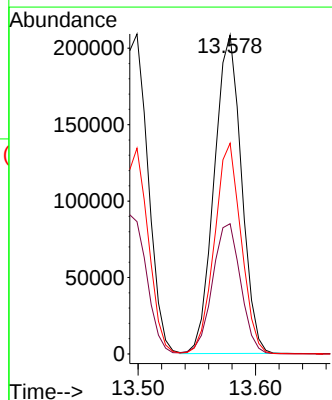
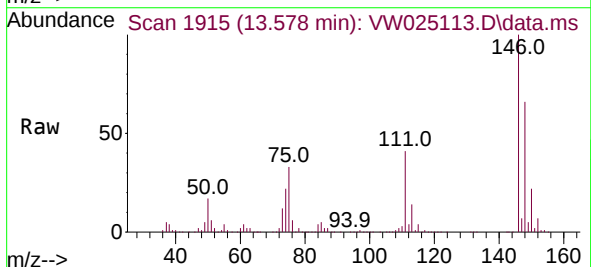
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

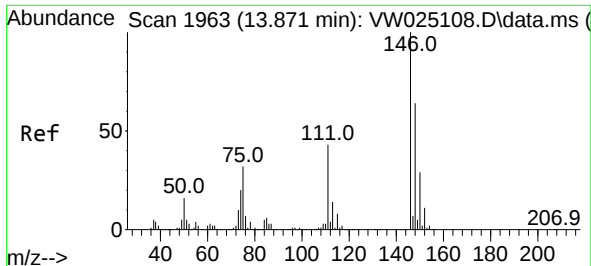
Tgt Ion:146 Resp: 346095
Ion Ratio Lower Upper
146 100
111 41.3 30.2 56.0
148 64.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 25.446 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion:146 Resp: 336308
Ion Ratio Lower Upper
146 100
111 40.8 27.4 51.0
148 66.0 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 25.767 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

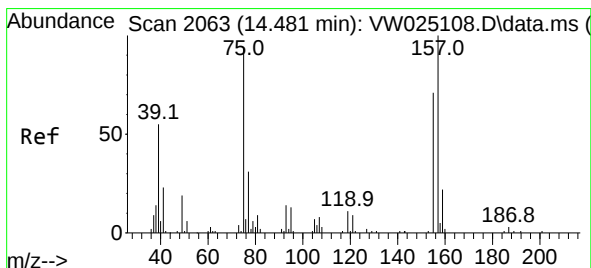
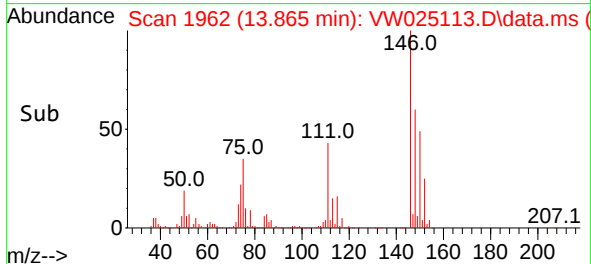
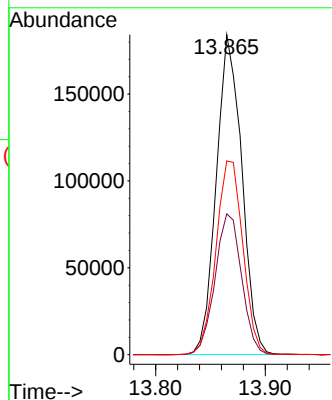
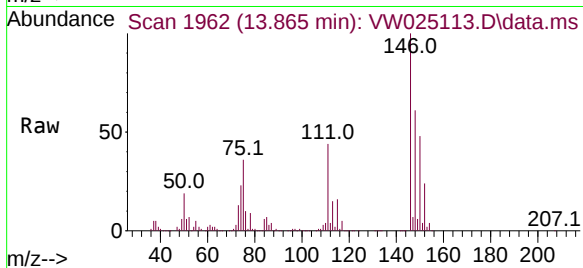
Tgt Ion:146 Resp: 297499

Ion Ratio Lower Upper

146 100

111 44.0 34.3 51.5

148 60.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.261 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

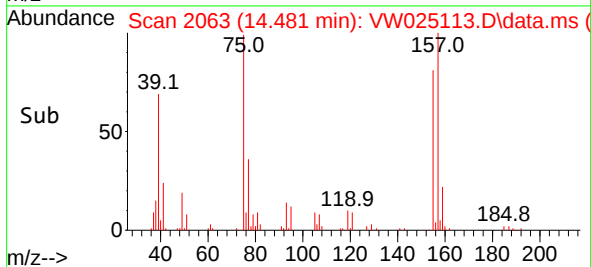
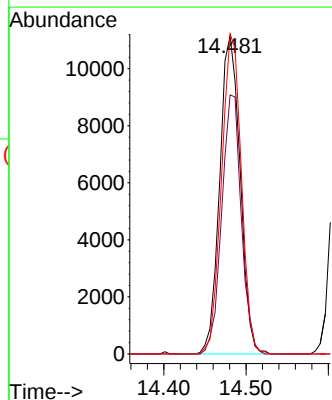
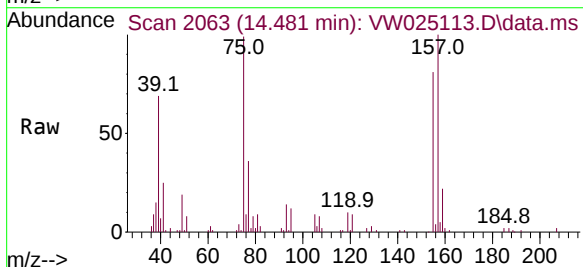
Tgt Ion: 75 Resp: 19215

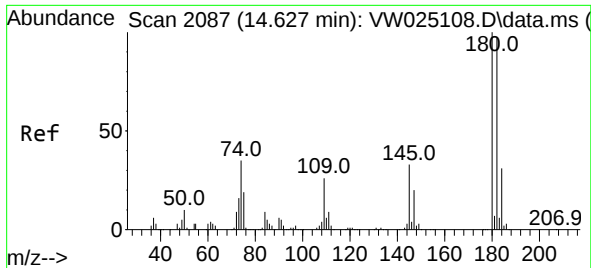
Ion Ratio Lower Upper

75 100

155 81.4 60.3 90.5

157 100.5 84.9 127.3

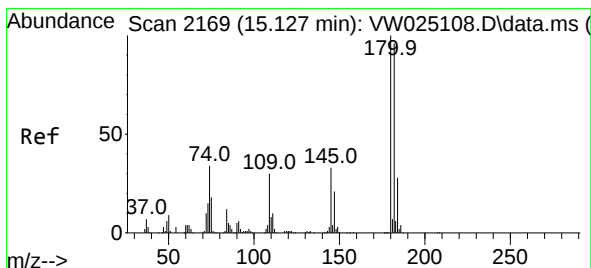
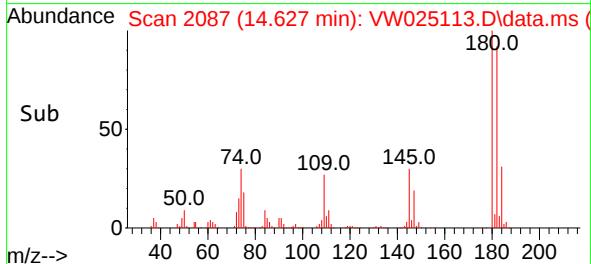
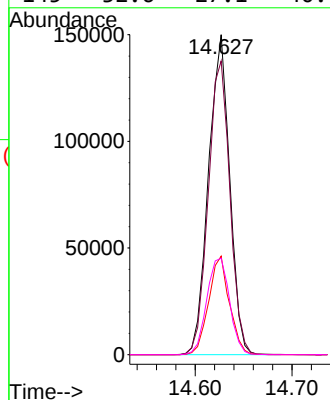
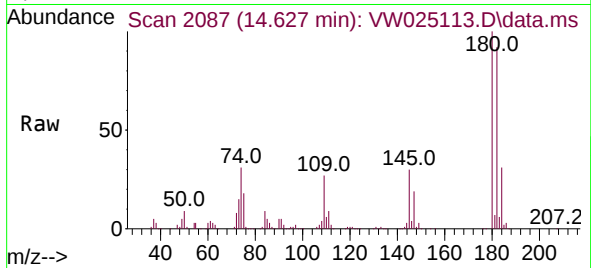




#69
1,3,5-Trichlorobenzene
Concen: 26.564 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

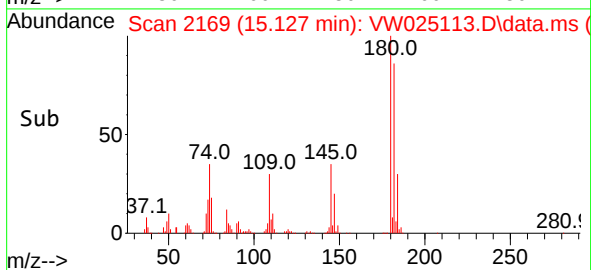
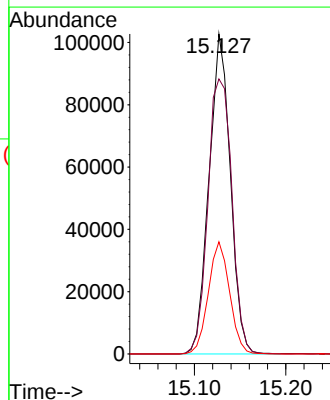
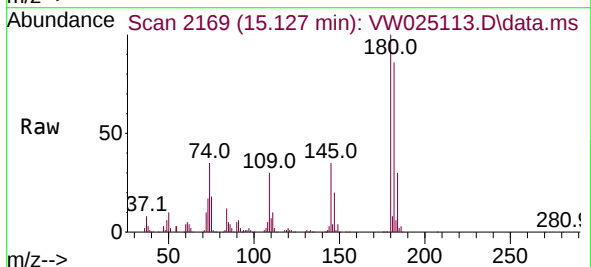
Instrument :
MSVOA_W
ClientSampleId :
VSTD025505

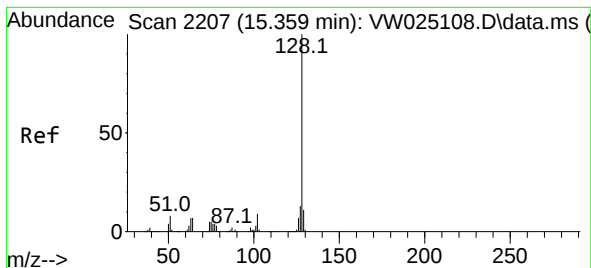
Tgt Ion:	180	Resp:	227977
Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.8	116.6
184	30.3	24.3	36.5
145	32.6	27.1	40.7



#70
1,2,4-trichlorobenzene
Concen: 26.142 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025113.D
Acq: 22 Nov 2022 09:06

Tgt Ion:	180	Resp:	166209
Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.2	115.8
145	34.9	26.9	40.3





#71

Naphthalene

Concen: 27.318 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

Instrument :

MSVOA_W

ClientSampleId :

VSTD025505

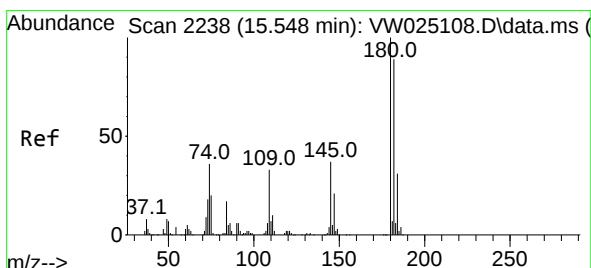
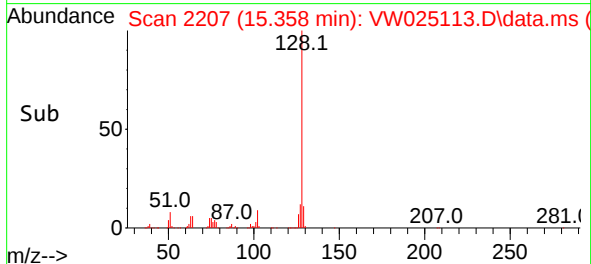
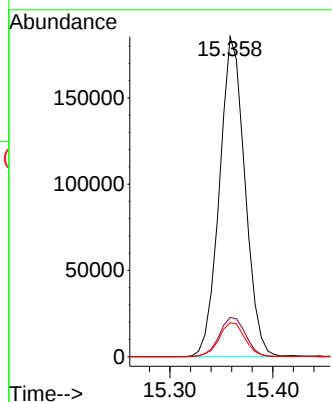
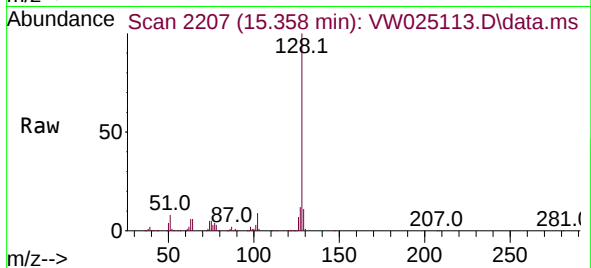
Tgt Ion:128 Resp: 318412

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.646 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW025113.D

Acq: 22 Nov 2022 09:06

Tgt Ion:180 Resp: 141283

Ion Ratio Lower Upper

180 100

182 91.7 76.4 114.6

145 36.2 29.6 44.4

