

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011723\
 Data File : VW025233.D
 Acq On : 17 Jan 2023 15:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Quant Time: Jan 18 00:53:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 18 00:51:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	322586	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	299297	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	174476	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	62230	16.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.480%
7) Chloroethane-d5	2.885	69	42193	17.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.520%
11) 1,1-Dichloroethene-d2	4.019	63	184101	22.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.760%
21) 2-Butanone-d5	7.073	46	48273	50.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.720%
24) Chloroform-d	7.653	84	218647	27.043	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.160%
26) 1,2-Dichloroethane-d4	8.305	65	119873	28.783	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.120%
32) Benzene-d6	8.274	84	426182	23.713	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.840%
36) 1,2-Dichloropropane-d6	9.274	67	117513	22.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.400%
41) Toluene-d8	10.323	98	462992	28.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.240%
43) trans-1,3-Dichloroprop...	10.579	79	66600	29.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.320%
47) 2-Hexanone-d5	10.920	63	50373	60.806	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.620%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	89094	24.233	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	150066	24.207	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	34387	18.794	ug/L	96
3) Chloromethane	2.215	50	59940	18.585	ug/L	97
5) Vinyl chloride	2.355	62	75471	18.346	ug/L	98
6) Bromomethane	2.775	94	40263	18.646	ug/L	99
8) Chloroethane	2.916	64	34305	17.891	ug/L	99
9) Trichlorofluoromethane	3.257	101	73502	25.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	97030	23.398	ug/L	95
12) 1,1-Dichloroethene	4.037	96	93211	23.306	ug/L	97
13) Acetone	4.123	43	56203	50.631	ug/L	95
14) Carbon disulfide	4.385	76	297504	22.450	ug/L	97
15) Methyl Acetate	4.671	43	38184	23.807	ug/L	99
16) Methylene chloride	4.915	84	107698	21.585	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	103035	24.052	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	150405	25.049	ug/L	98
19) 1,1-Dichloroethane	6.220	63	179525	23.823	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	105983	23.804	ug/L	95
22) 2-Butanone	7.171	43	62284	50.496	ug/L	98
23) Bromochloromethane	7.512	128	49864	26.831	ug/L	86
25) Chloroform	7.677	83	201775	27.233	ug/L	97

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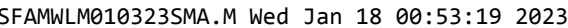
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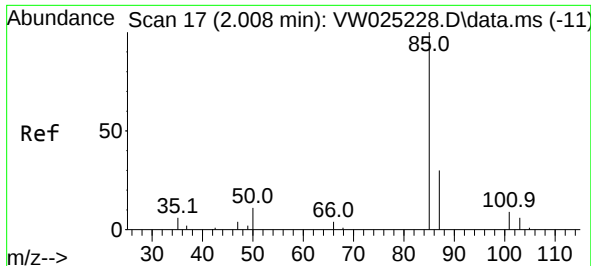
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 Quant Title : SFAM01.0
 QLast Update : Wed Jan 18 00:51:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	134440	29.318	ug/L	99
29) Cyclohexane	7.957	56	164496	20.851	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	172640	25.972	ug/L	99
31) Carbon tetrachloride	8.067	117	161088	26.610	ug/L	100
33) Benzene	8.323	78	437252	24.167	ug/L	100
34) Trichloroethene	9.091	95	114456	24.257	ug/L	94
35) Methylcyclohexane	9.335	83	208629	24.366	ug/L	98
37) 1,2-Dichloropropane	9.366	63	100315	22.547	ug/L	99
38) Bromodichloromethane	9.646	83	163725	29.438	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	196898	29.012	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	136171	58.646	ug/L	99
42) Toluene	10.384	91	547649	28.777	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	169753	29.238	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	90775	29.414	ug/L	98
46) Tetrachloroethene	10.859	164	102013	29.426	ug/L	90
48) 2-Hexanone	10.969	43	108610	60.993	ug/L	98
49) Dibromochloromethane	11.128	129	109486	30.399	ug/L	95
50) 1,2-Dibromoethane	11.231	107	87221	29.876	ug/L	98
51) Chlorobenzene	11.658	112	288322	24.257	ug/L	98
52) Ethylbenzene	11.731	91	508703	23.987	ug/L	99
53) m,p-Xylene	11.835	106	196873	24.021	ug/L	95
54) o-Xylene	12.164	106	183210	24.288	ug/L	97
55) Styrene	12.176	104	317998	24.807	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	84221	24.474	ug/L	98
59) Bromoform	12.347	173	50185	21.806	ug/L	98
60) Isopropylbenzene	12.463	105	505193	19.216	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	68385	21.009	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	438425	19.669	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	433140	19.699	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	225416	20.977	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	264054	24.795	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	231500	24.962	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	18647	25.577	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	176649	23.073	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	150036	23.078	ug/L	99
71) Naphthalene	15.359	128	302419	23.735	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	129364	23.197	ug/L	97

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

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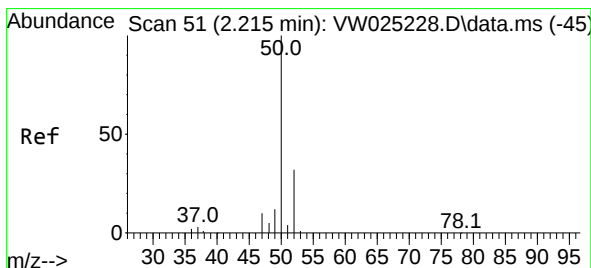
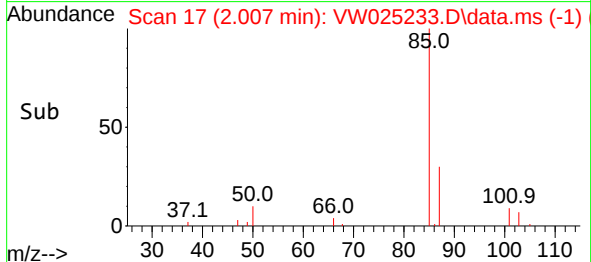
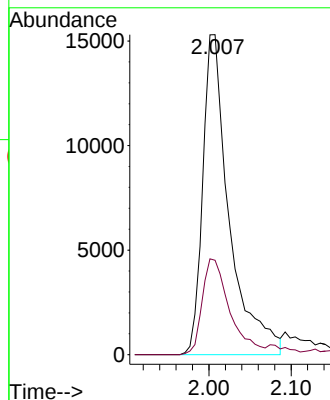
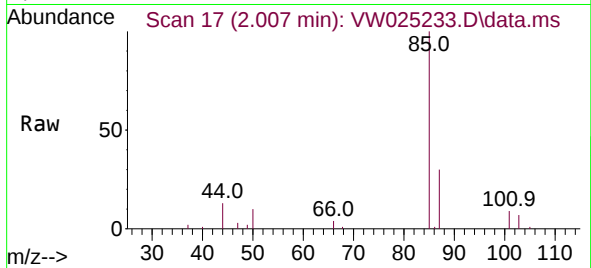




#2
 Dichlorodifluoromethane
 Concen: 18.794 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW025233.D
 Acq: 17 Jan 2023 15:00

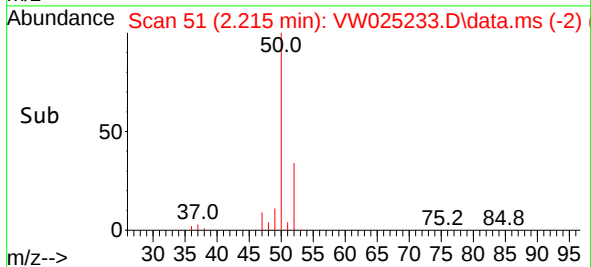
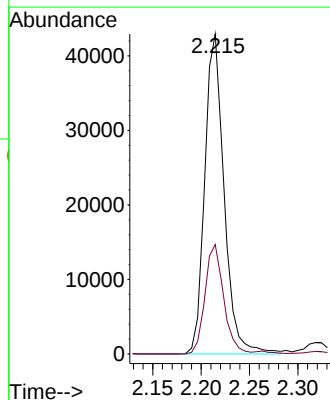
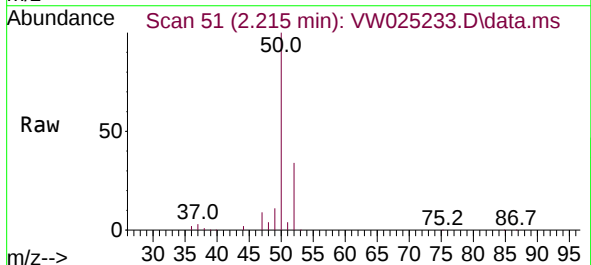
Instrument :
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 ClientSampleId :
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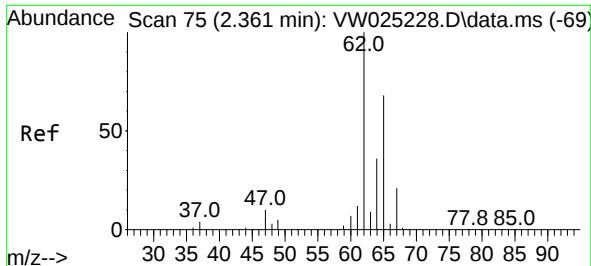
Tgt Ion: 85 Resp: 34387
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.6 39.8



#3
 Chloromethane
 Concen: 18.585 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW025233.D
 Acq: 17 Jan 2023 15:00

Tgt Ion: 50 Resp: 59940
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.7 42.1

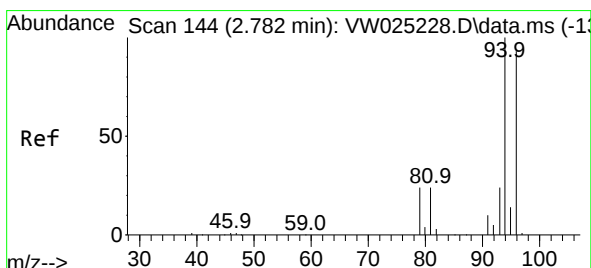
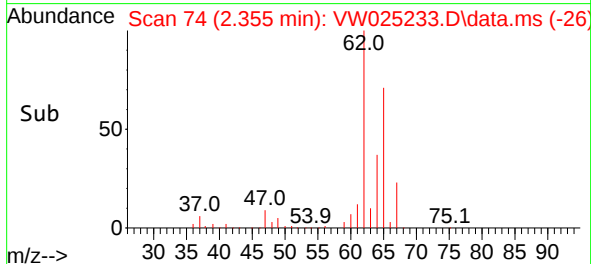
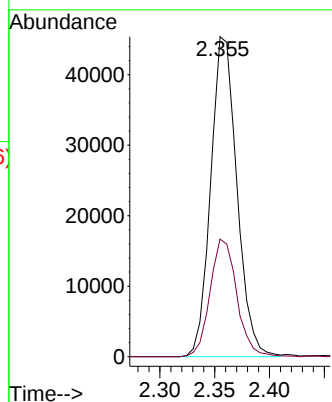
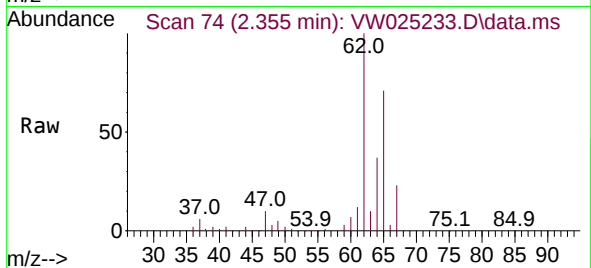




#5
 Vinyl chloride
 Concen: 18.346 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW025233.D
 Acq: 17 Jan 2023 15:00

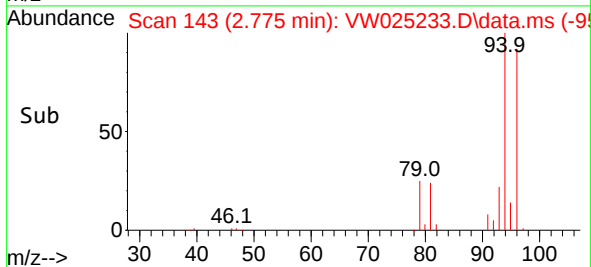
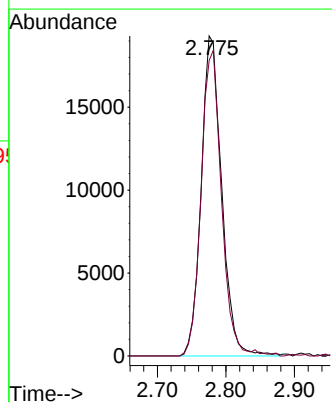
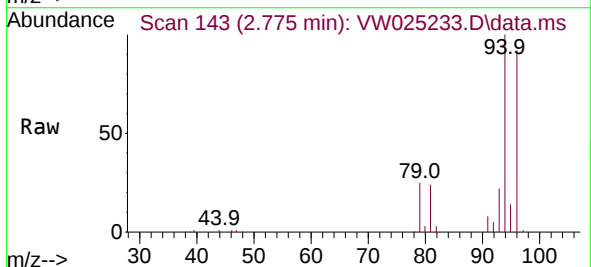
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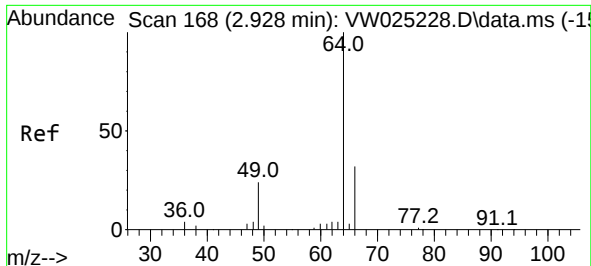
Tgt Ion: 62 Resp: 75471
 Ion Ratio Lower Upper
 62 100
 64 36.8 24.8 46.1



#6
 Bromomethane
 Concen: 18.646 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW025233.D
 Acq: 17 Jan 2023 15:00

Tgt Ion: 94 Resp: 40263
 Ion Ratio Lower Upper
 94 100
 96 92.4 63.9 118.7

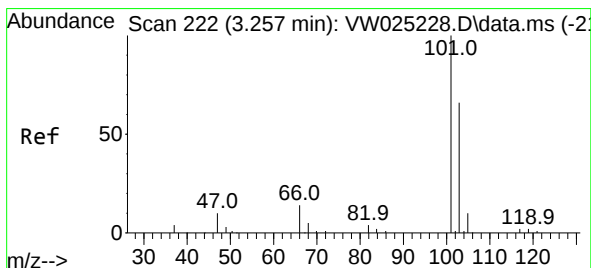
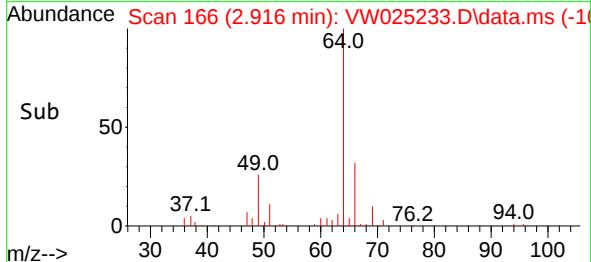
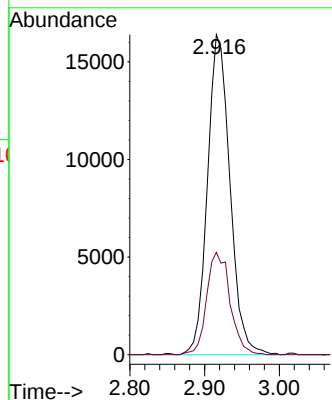
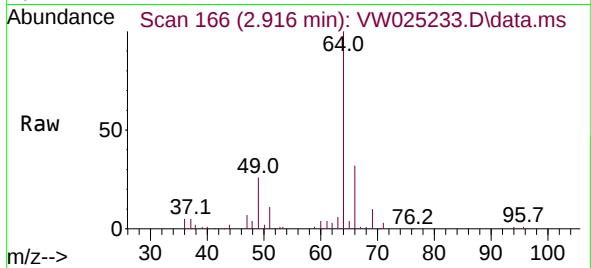




#8
Chloroethane
Concen: 17.891 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.012 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

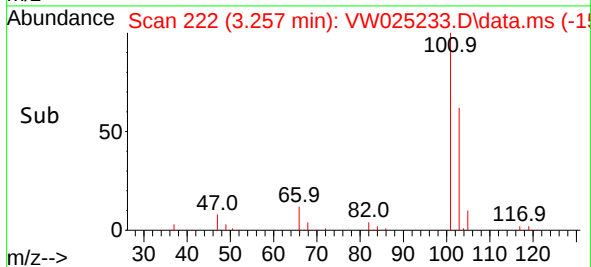
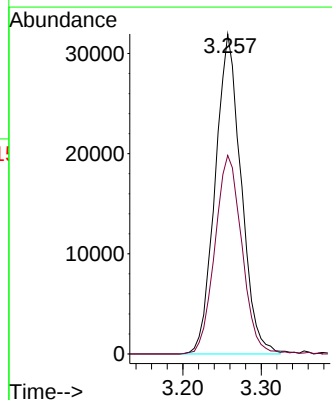
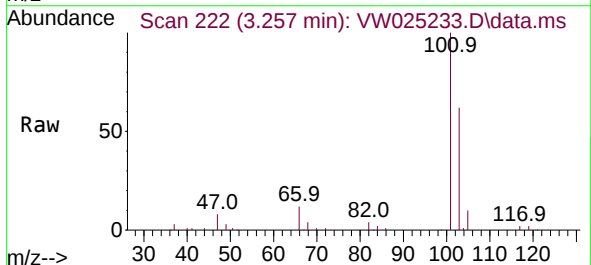
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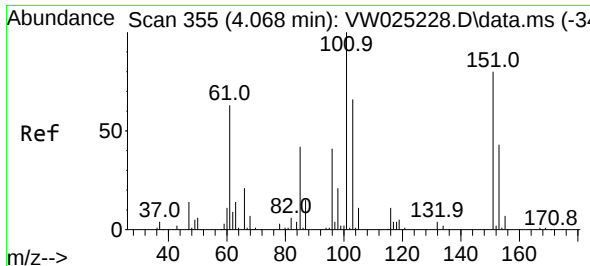
Tgt Ion: 64 Resp: 34305
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 25.796 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion:101 Resp: 73502
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

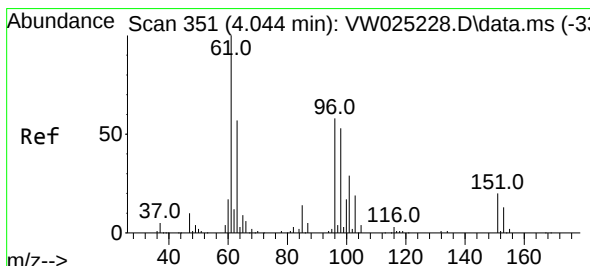
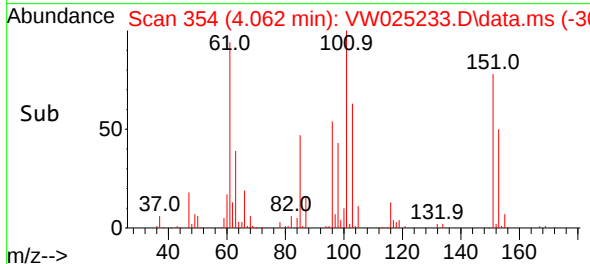
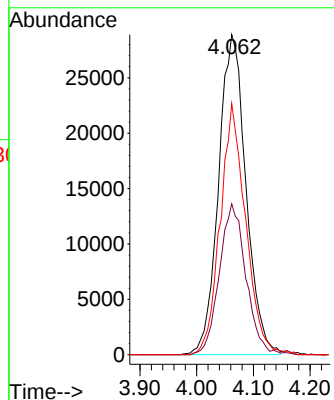
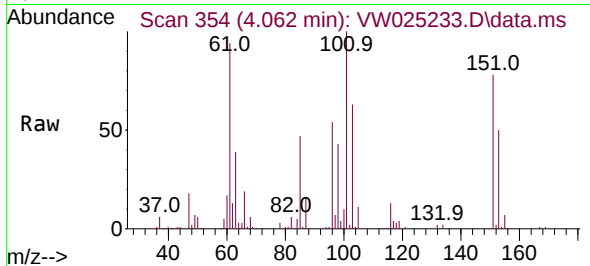




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.398 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW025233.D
 Acq: 17 Jan 2023 15:00

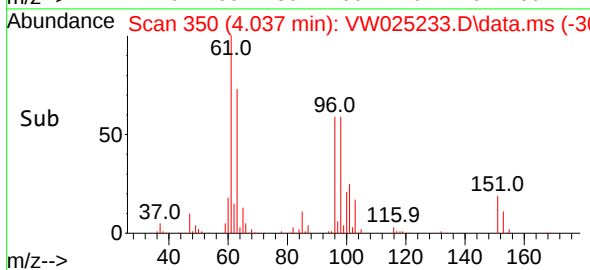
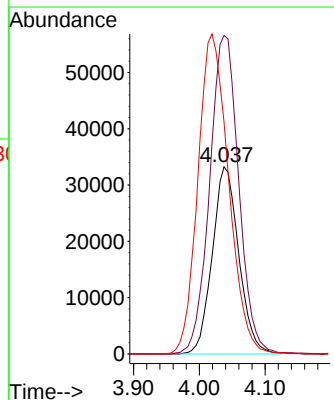
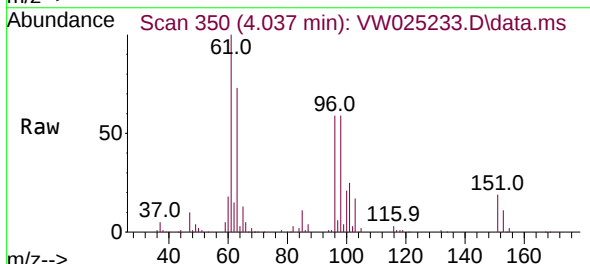
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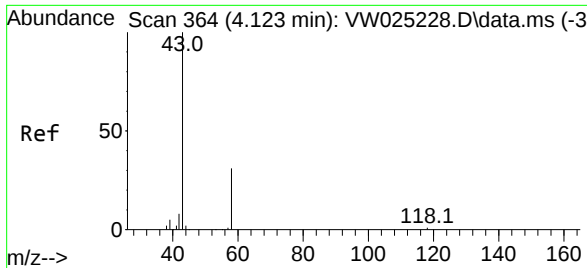
Tgt Ion:101 Resp: 97030
 Ion Ratio Lower Upper
 101 100
 85 45.2 33.8 50.8
 151 72.6 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 23.306 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025233.D
 Acq: 17 Jan 2023 15:00

Tgt Ion: 96 Resp: 93211
 Ion Ratio Lower Upper
 96 100
 61 170.1 119.3 221.5
 63 123.8 91.3 169.6





#13

Acetone

Concen: 50.631 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

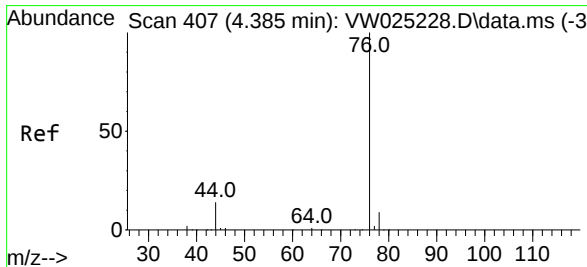
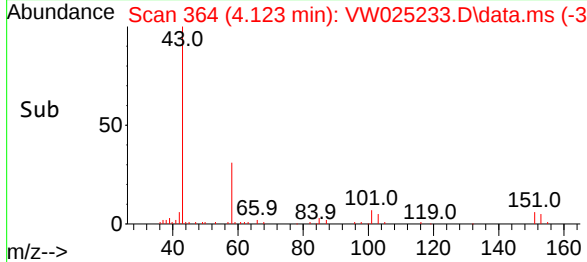
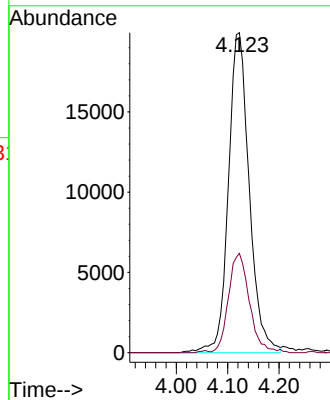
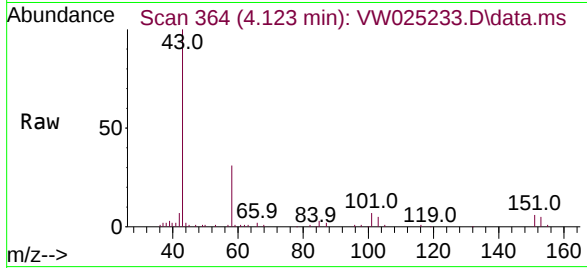
VSTD025523

Tgt Ion: 43 Resp: 56203

Ion Ratio Lower Upper

43 100

58 30.4 0.0 66.8



#14

Carbon disulfide

Concen: 22.450 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW025233.D

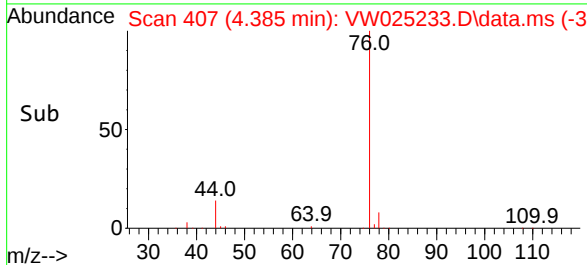
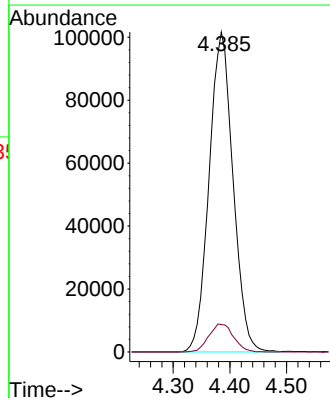
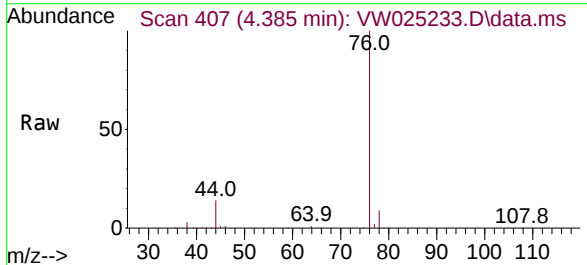
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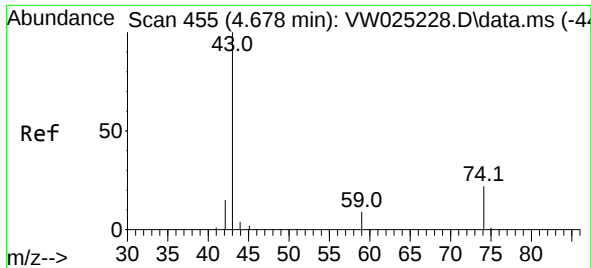
Tgt Ion: 76 Resp: 297504

Ion Ratio Lower Upper

76 100

78 8.5 7.6 11.4

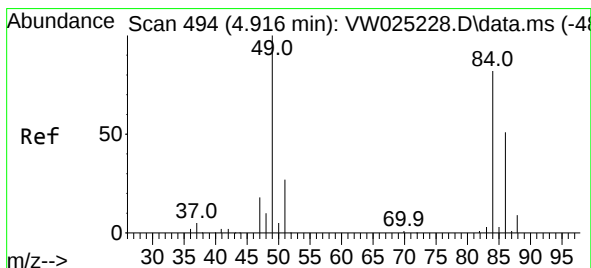
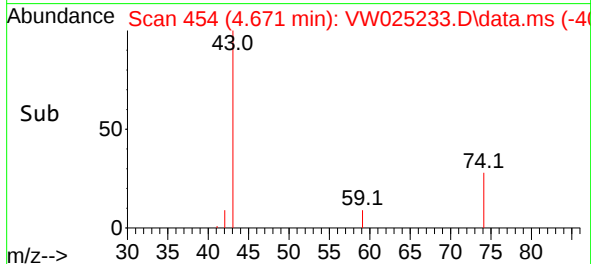
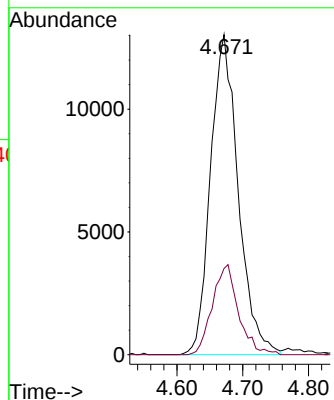
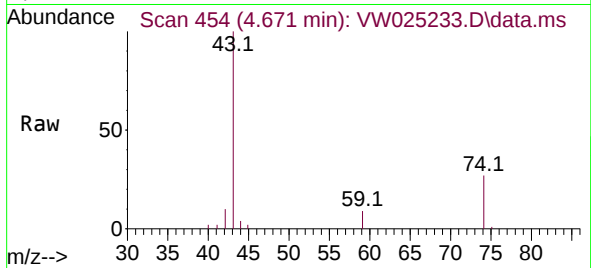




#15
Methyl Acetate
Concen: 23.807 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

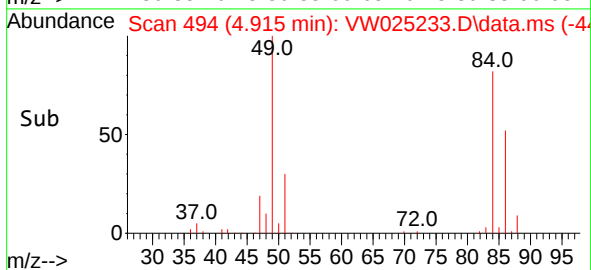
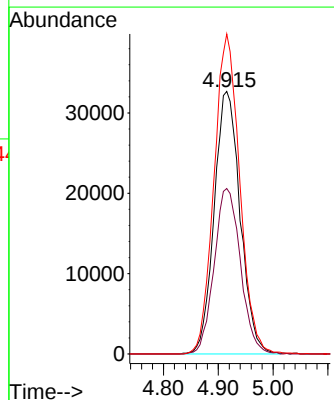
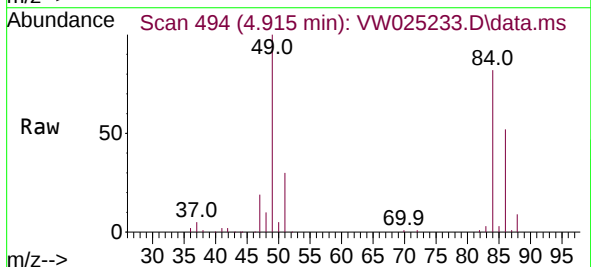
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

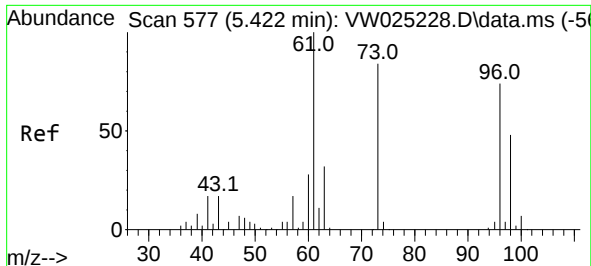
Tgt Ion: 43 Resp: 38184
Ion Ratio Lower Upper
43 100
74 26.0 20.4 30.6



#16
Methylene chloride
Concen: 21.585 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion: 84 Resp: 107698
Ion Ratio Lower Upper
84 100
86 63.0 43.4 80.6
49 121.9 82.0 152.2

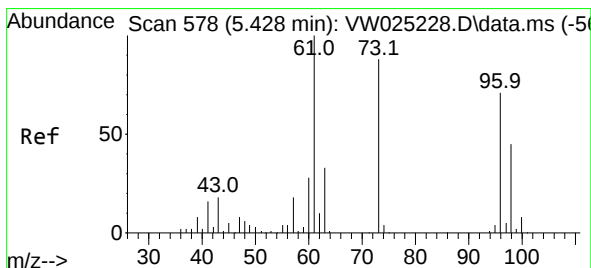
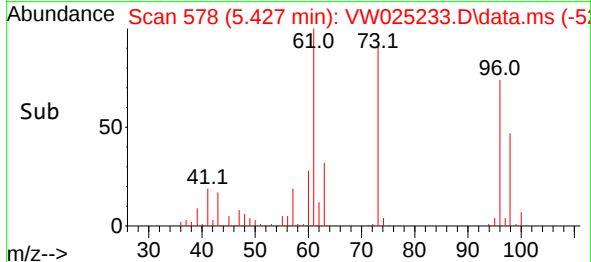
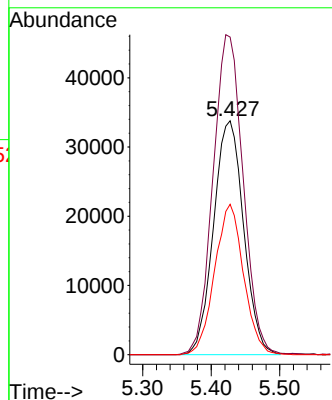
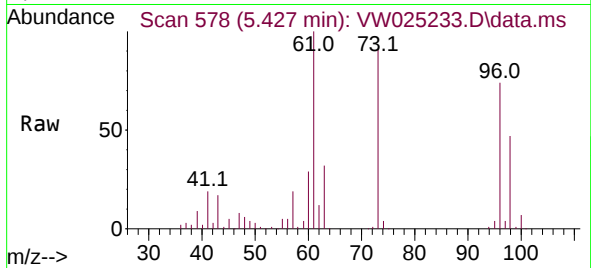




#17
trans-1,2-Dichloroethene
Concen: 24.052 ug/L
RT: 5.427 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

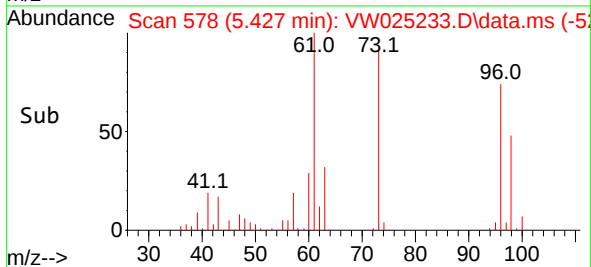
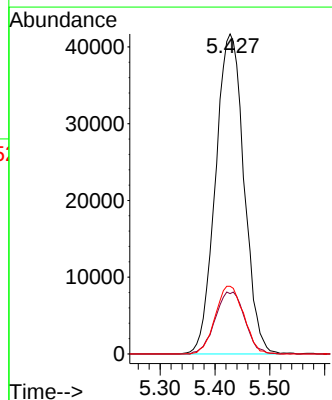
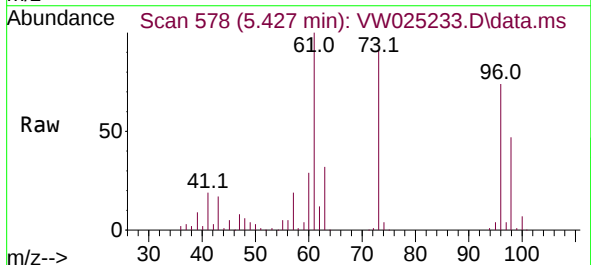
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

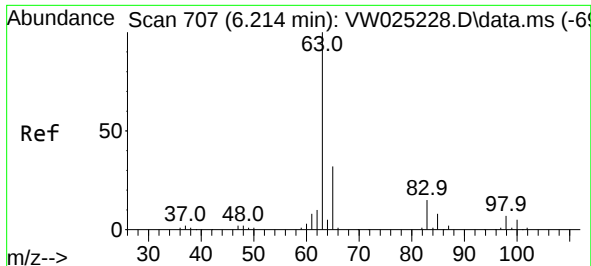
Tgt Ion: 96 Resp: 103035
Ion Ratio Lower Upper
96 100
61 135.8 94.2 175.0
98 64.3 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 25.049 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion: 73 Resp: 150405
Ion Ratio Lower Upper
73 100
43 20.1 15.2 22.8
57 21.1 17.8 26.6





#19

1,1-Dichloroethane

Concen: 23.823 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

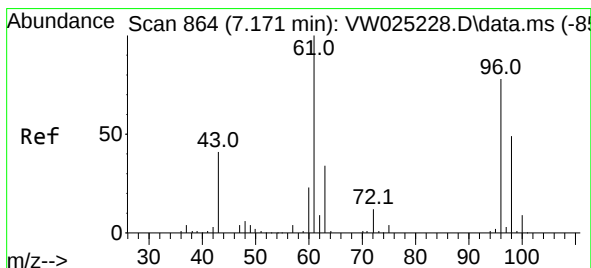
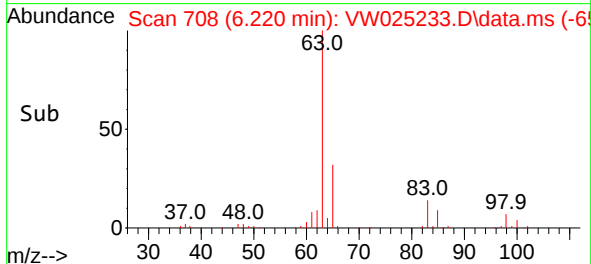
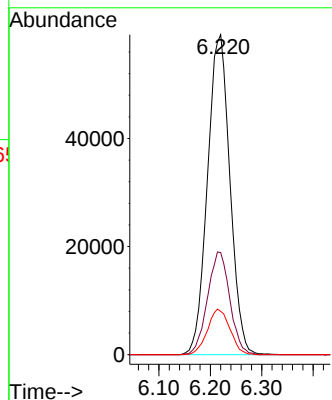
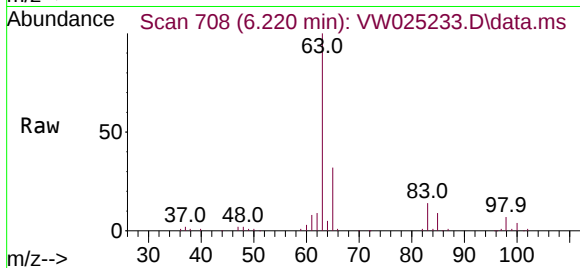
Tgt Ion: 63 Resp: 179525

Ion Ratio Lower Upper

63 100

65 31.9 21.7 40.3

83 13.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 23.804 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

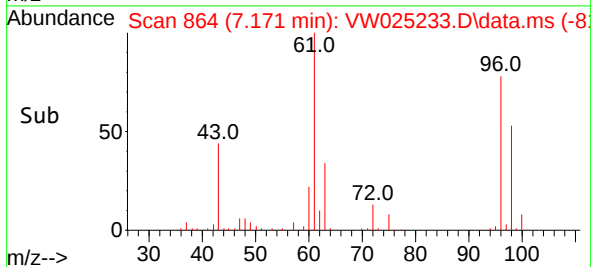
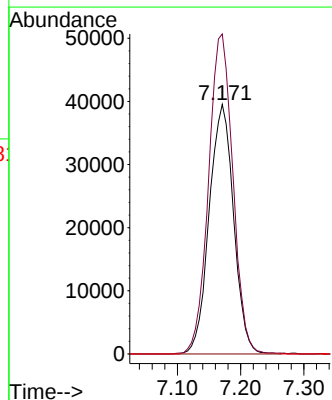
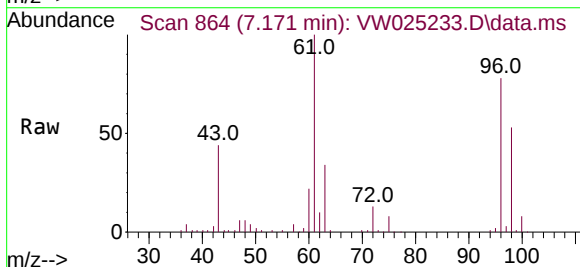
Tgt Ion: 96 Resp: 105983

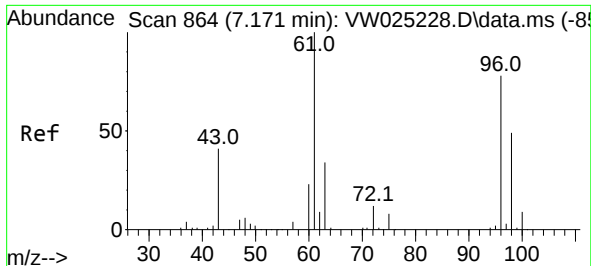
Ion Ratio Lower Upper

96 100

61 128.2 86.0 159.8

68 0.0 0.0 0.0

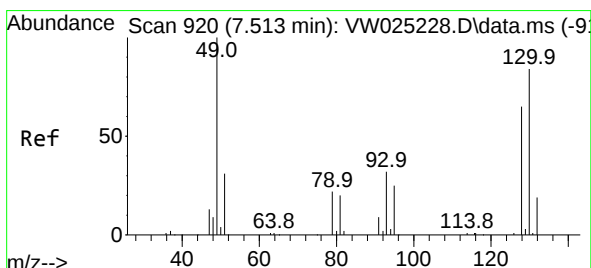
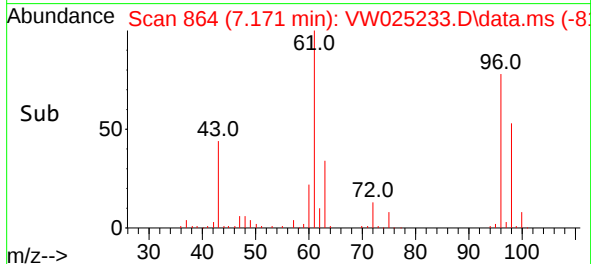
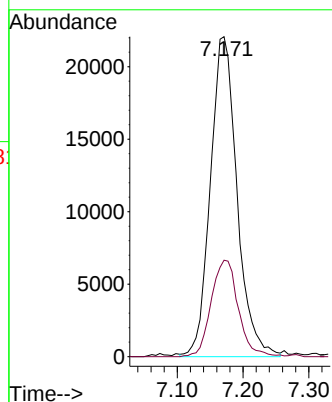
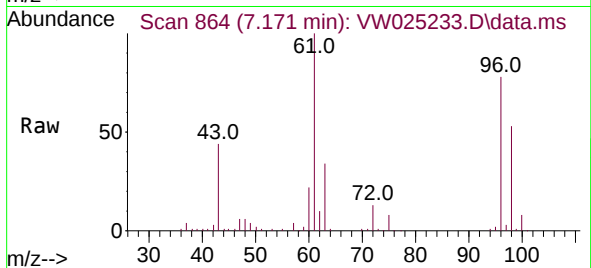




#22
2-Butanone
Concen: 50.496 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

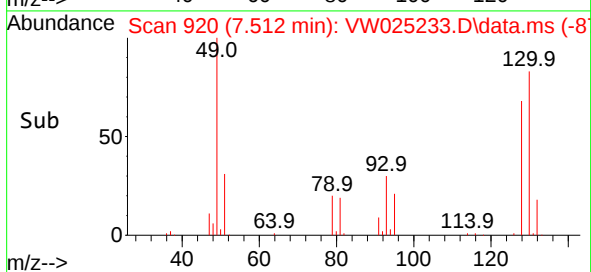
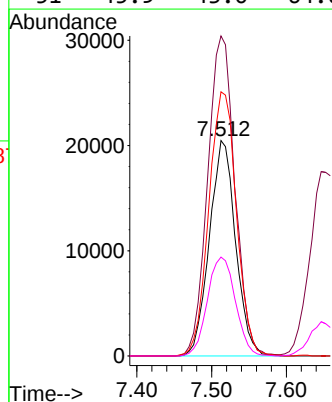
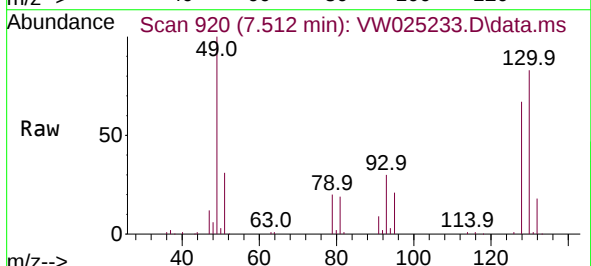
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

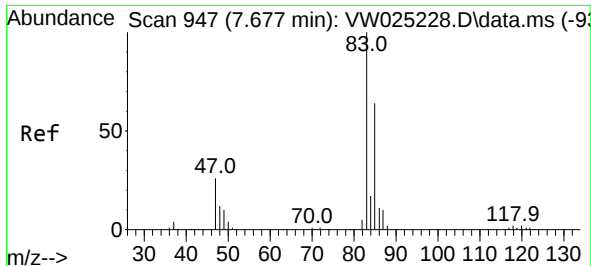
Tgt Ion: 43 Resp: 62284
Ion Ratio Lower Upper
43 100
72 30.5 14.7 44.1



#23
Bromochloromethane
Concen: 26.831 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion: 128 Resp: 49864
Ion Ratio Lower Upper
128 100
49 148.6 122.1 226.7
130 122.6 94.0 174.6
51 45.9 43.0 64.6

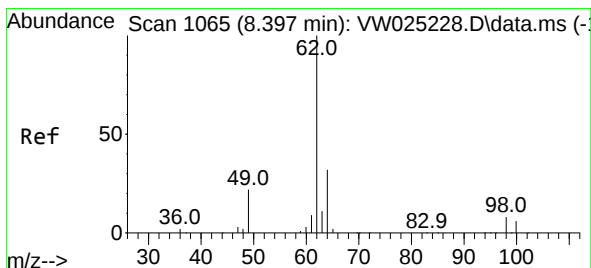
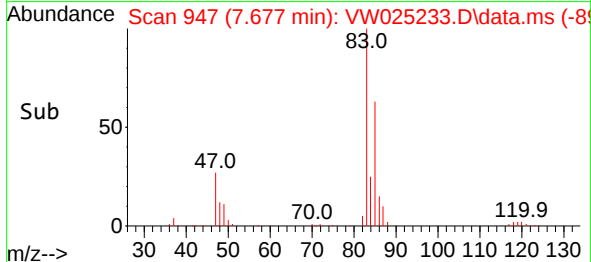
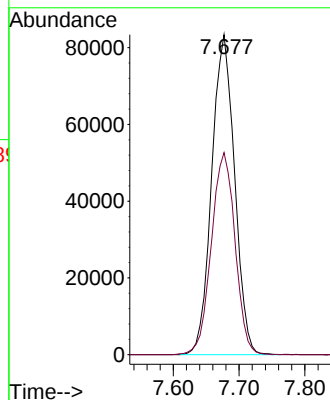
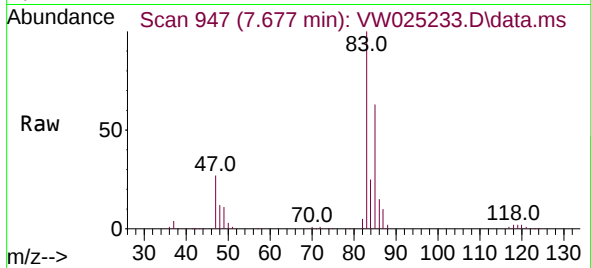




#25
Chloroform
Concen: 27.233 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

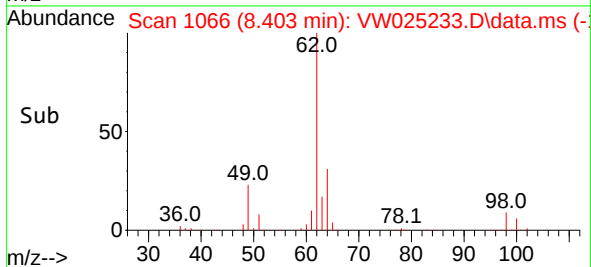
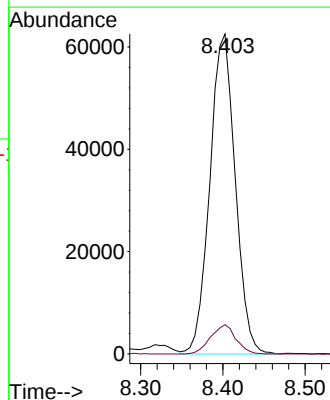
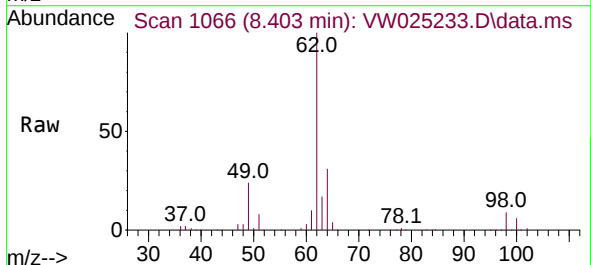
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

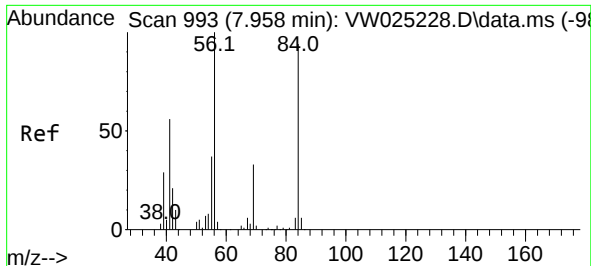
Tgt Ion: 83 Resp: 201775
Ion Ratio Lower Upper
83 100
85 63.2 45.8 85.2



#27
1,2-Dichloroethane
Concen: 29.318 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion: 62 Resp: 134440
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3





#29

Cyclohexane

Concen: 20.851 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

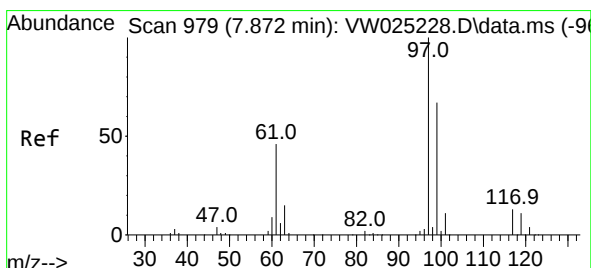
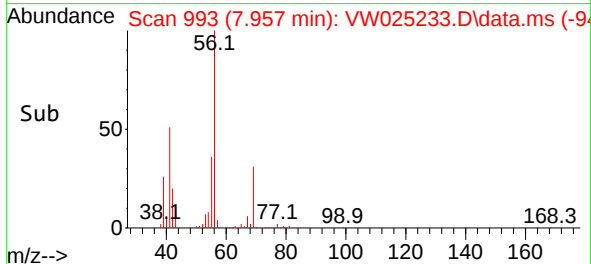
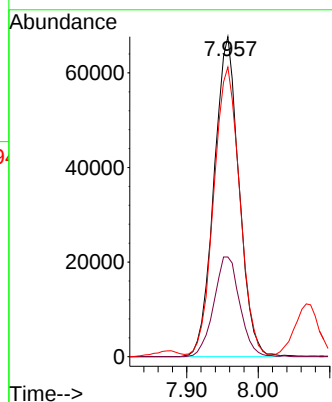
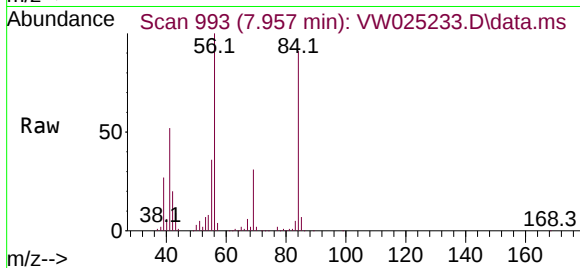
Tgt Ion: 56 Resp: 164496

Ion Ratio Lower Upper

56 100

69 32.3 25.1 37.7

84 94.2 71.0 106.4



#30

1,1,1-Trichloroethane

Concen: 25.972 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

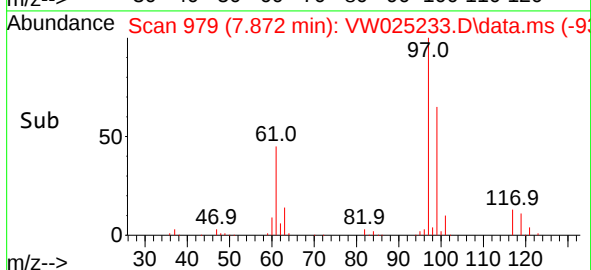
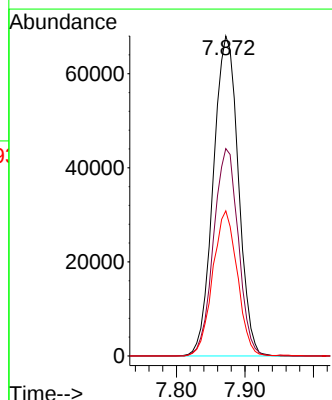
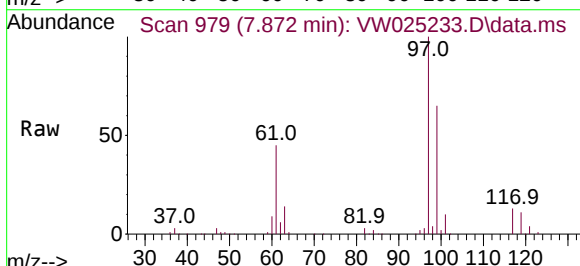
Tgt Ion: 97 Resp: 172640

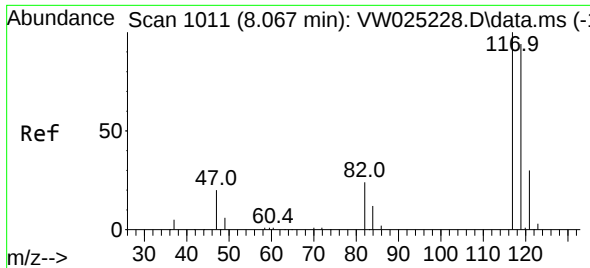
Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 44.6 35.6 53.4

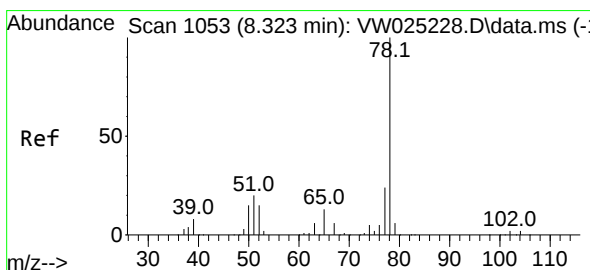
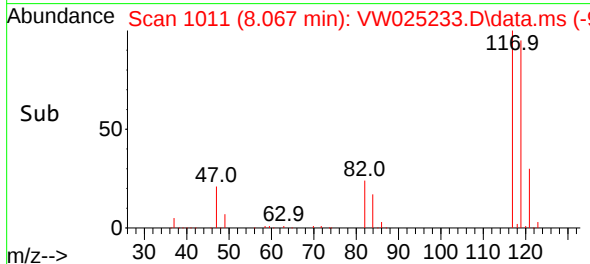
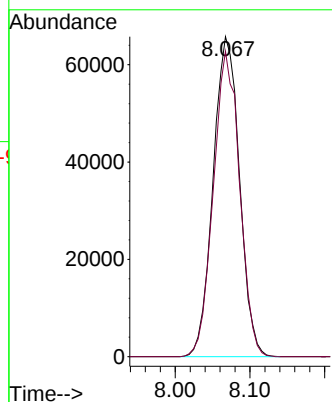
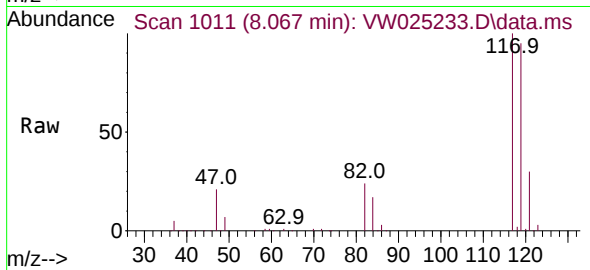




#31
Carbon tetrachloride
Concen: 26.610 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

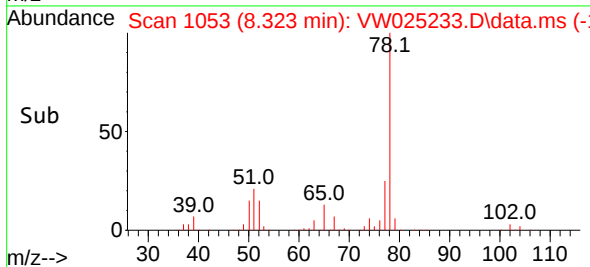
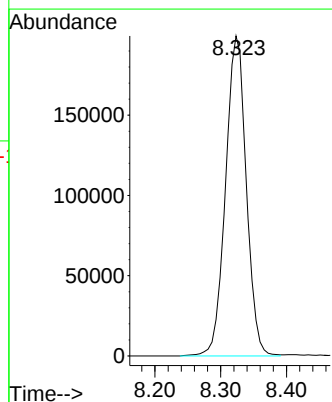
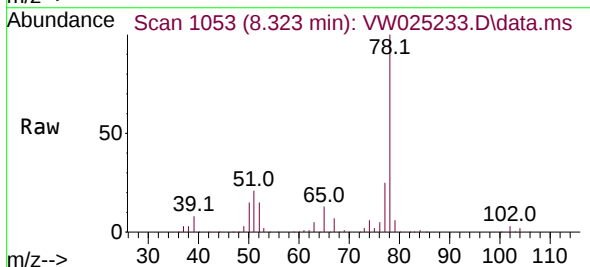
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

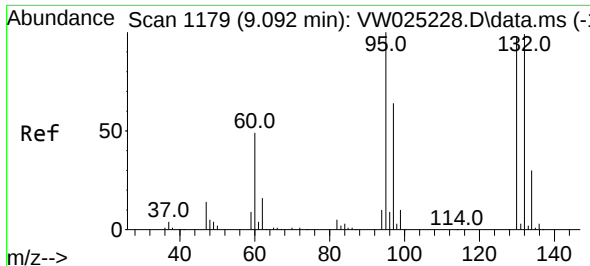
Tgt Ion:117 Resp: 161088
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5



#33
Benzene
Concen: 24.167 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion: 78 Resp: 437252



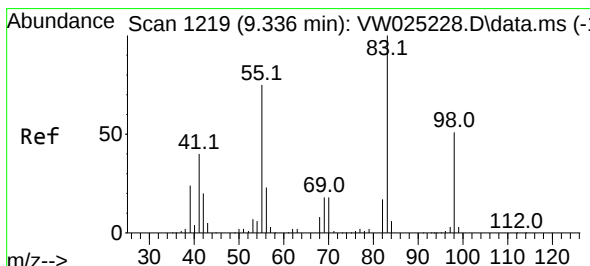
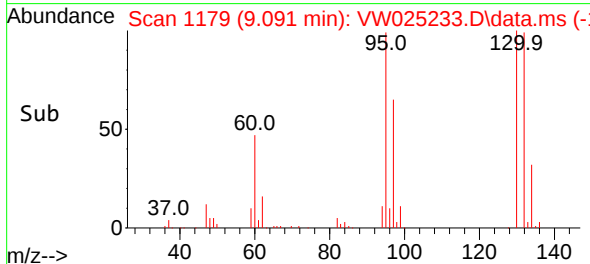
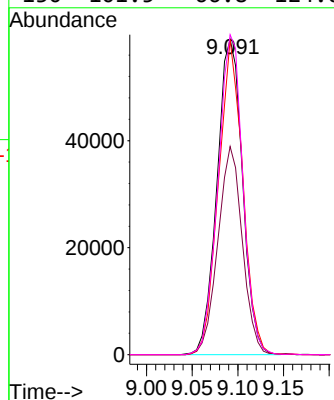
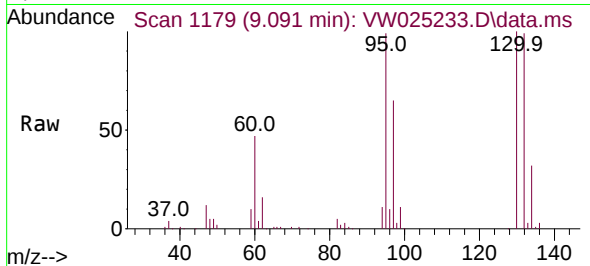


#34
Trichloroethene
Concen: 24.257 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

Tgt Ion: 95 Resp: 114456

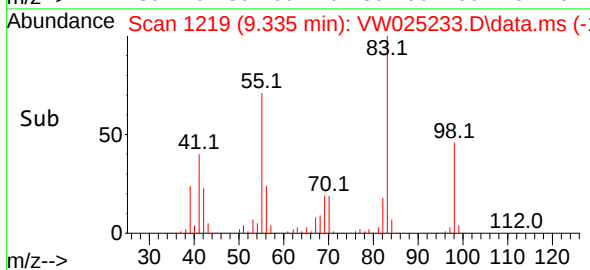
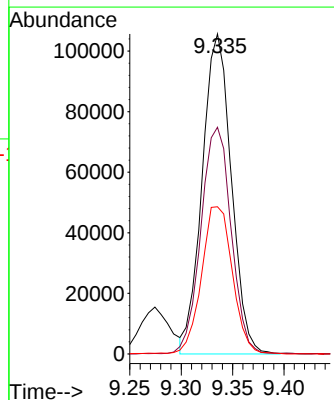
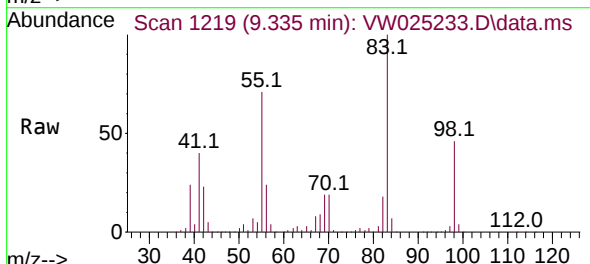
Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.4	82.4
132	100.0	64.5	119.7
130	101.5	66.8	124.0

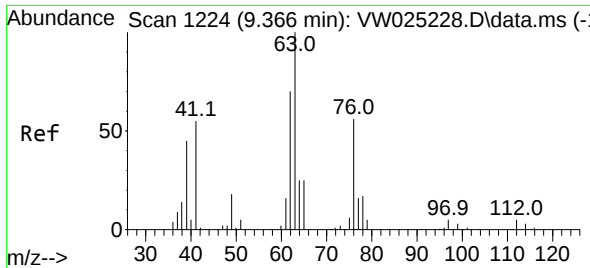


#35
Methylcyclohexane
Concen: 24.366 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion: 83 Resp: 208629

Ion	Ratio	Lower	Upper
83	100		
55	73.2	61.0	91.4
98	48.8	38.6	58.0





#37

1,2-Dichloropropane

Concen: 22.547 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

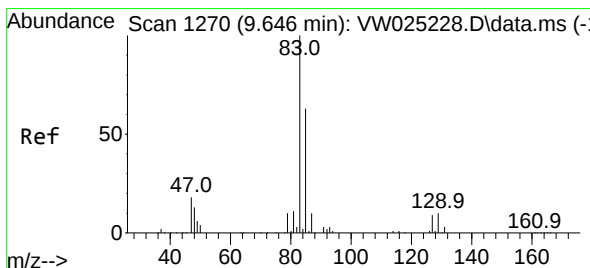
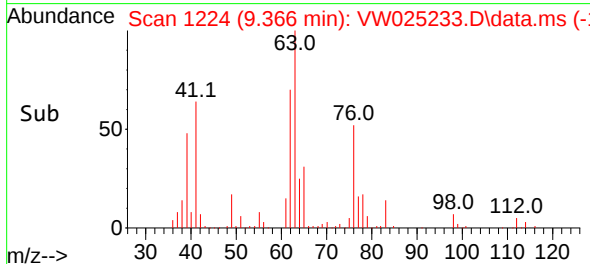
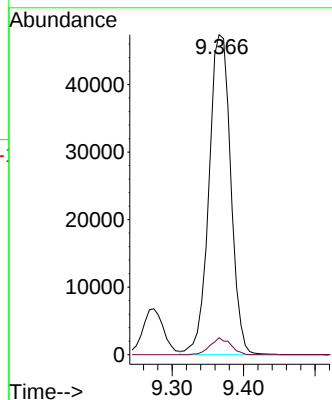
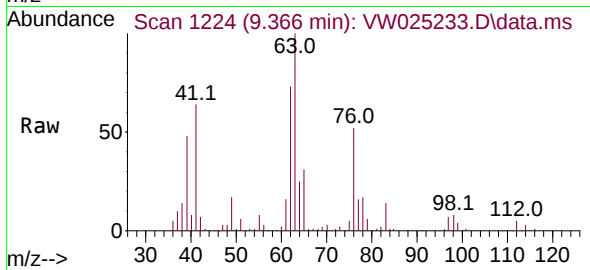
VSTD025523

Tgt Ion: 63 Resp: 100315

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#38

Bromodichloromethane

Concen: 29.438 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

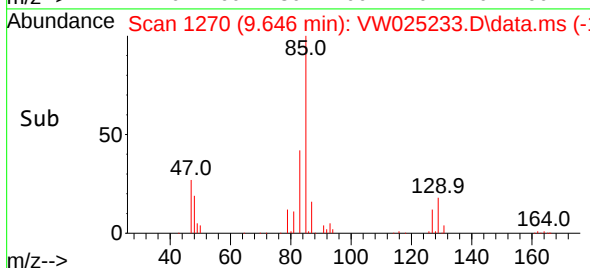
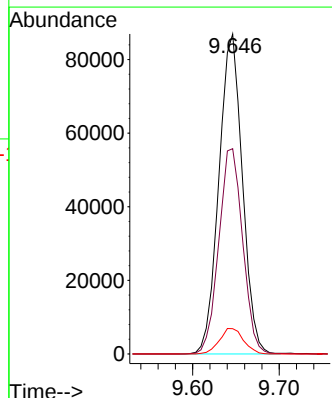
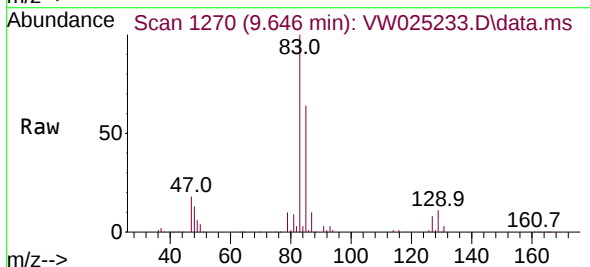
Tgt Ion: 83 Resp: 163725

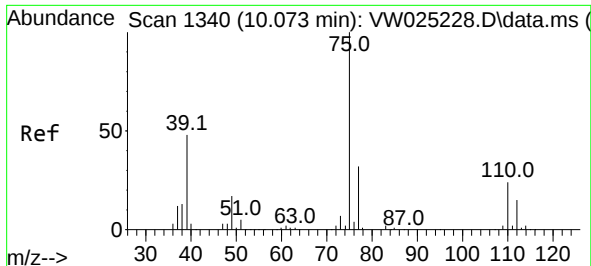
Ion Ratio Lower Upper

83 100

85 64.1 43.4 80.6

127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 29.012 ug/L

RT: 10.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

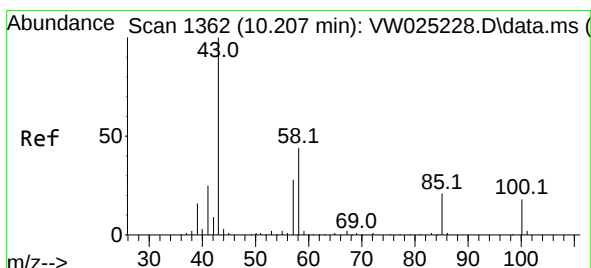
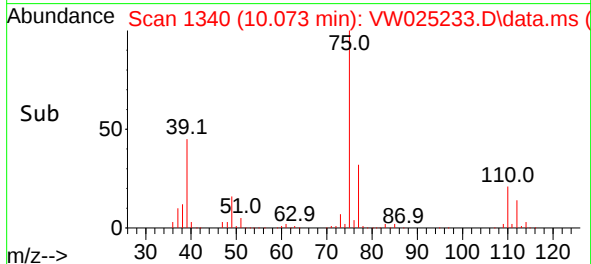
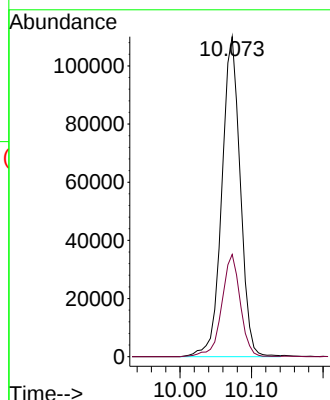
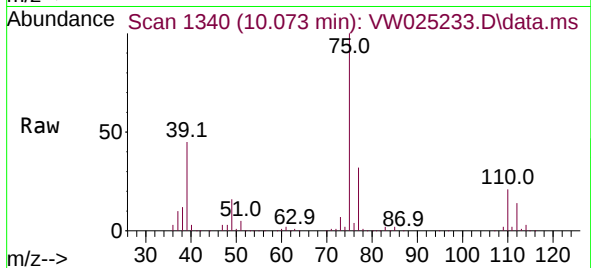
VSTD025523

Tgt Ion: 75 Resp: 196898

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 58.646 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

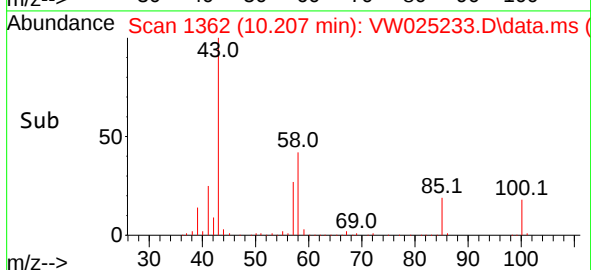
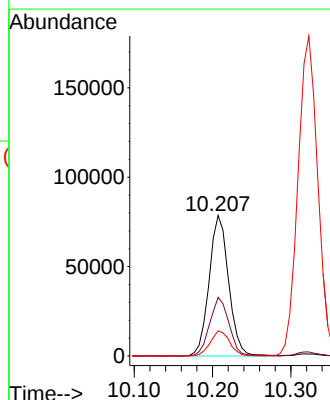
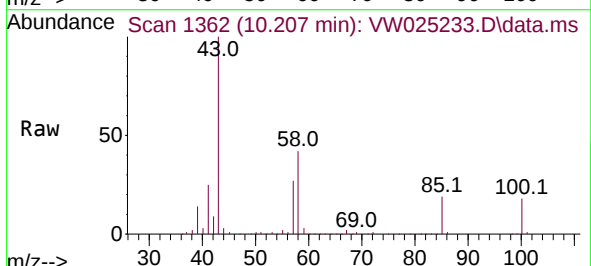
Tgt Ion: 43 Resp: 136171

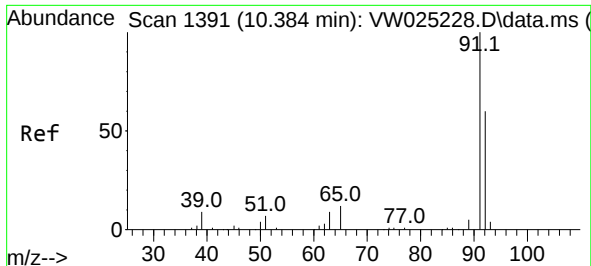
Ion Ratio Lower Upper

43 100

58 41.0 33.0 49.6

100 17.8 13.4 20.2

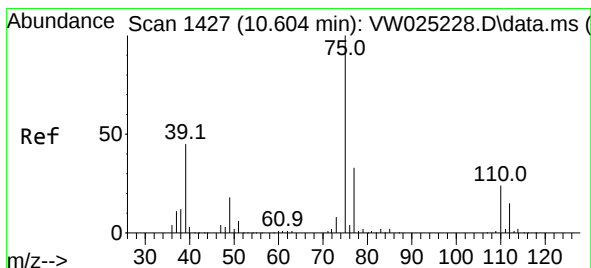
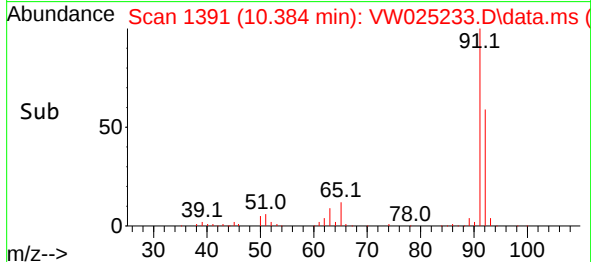
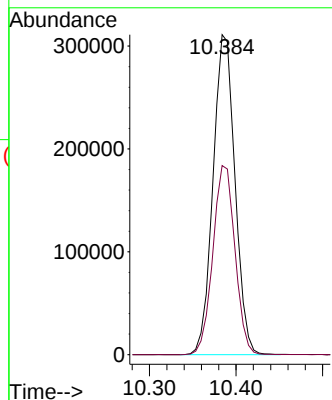
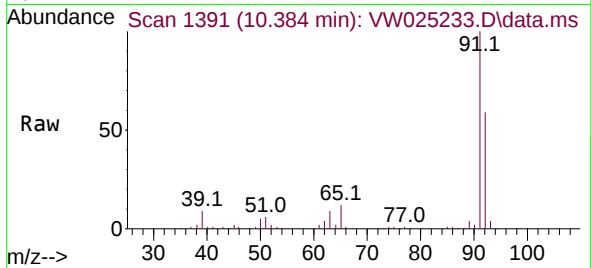




#42
Toluene
Concen: 28.777 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

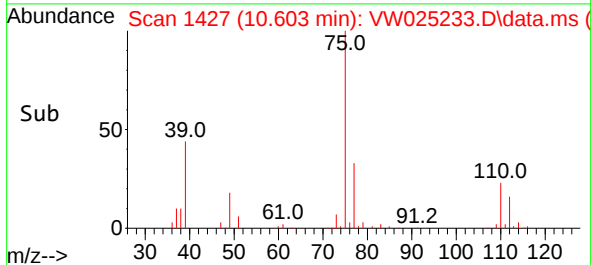
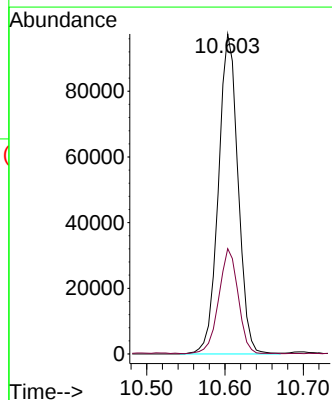
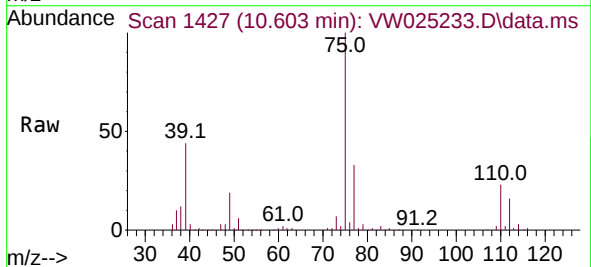
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

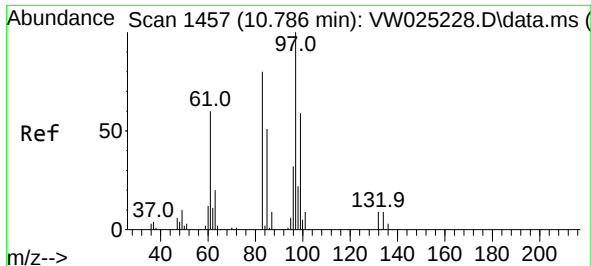
Tgt Ion: 91 Resp: 547649
Ion Ratio Lower Upper
91 100
92 59.1 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 29.238 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion: 75 Resp: 169753
Ion Ratio Lower Upper
75 100
77 32.9 21.3 39.6

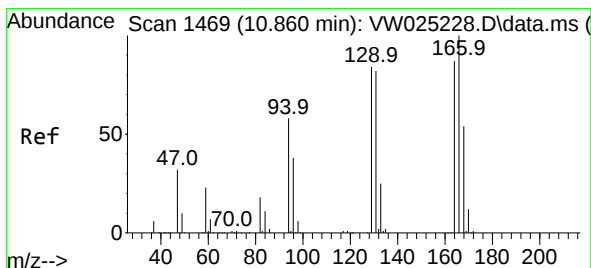
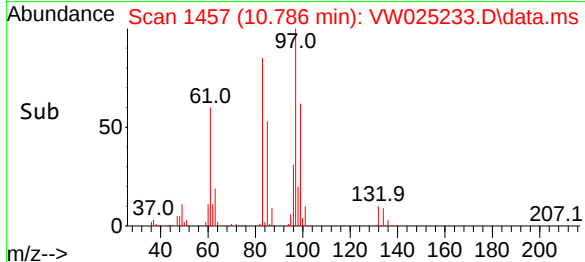
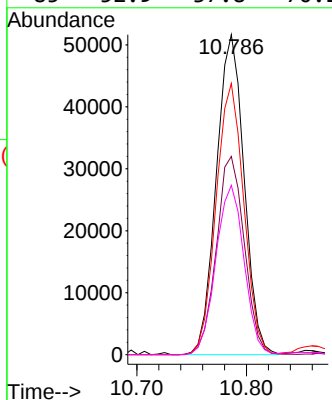
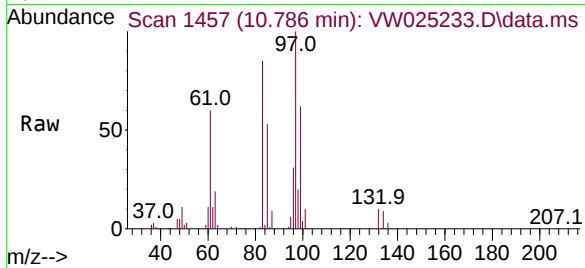




#45
1,1,2-Trichloroethane
Concen: 29.414 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

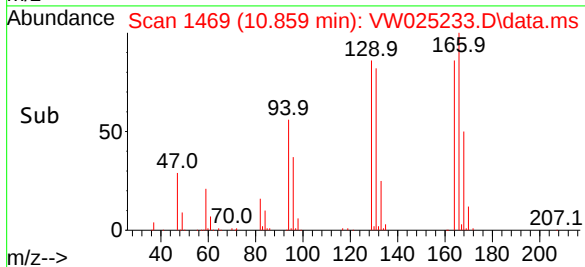
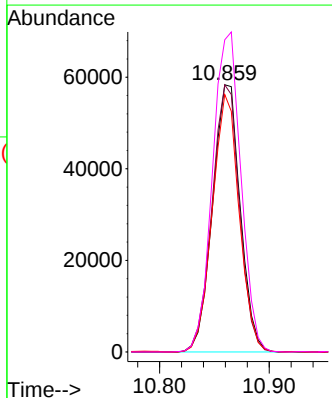
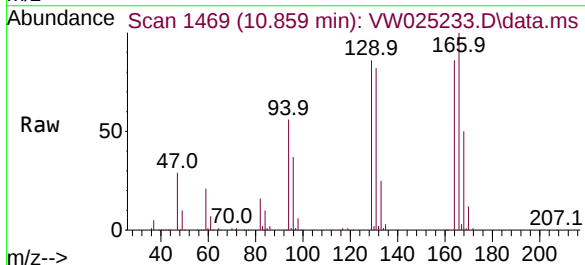
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

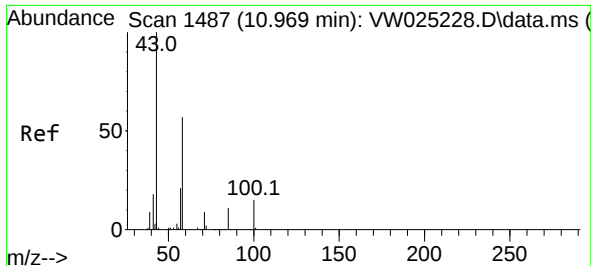
Tgt Ion: 97	Resp: 90775
Ion Ratio	Lower Upper
97 100	
99 62.0	41.1 76.3
83 84.7	58.6 108.8
85 52.9	37.8 70.2



#46
Tetrachloroethene
Concen: 29.426 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt	Ion:164	Resp:	102013
Ion	Ratio	Lower	Upper
164	100		
129	99.9	72.8	135.2
131	96.4	72.2	134.2
166	116.9	95.5	177.3



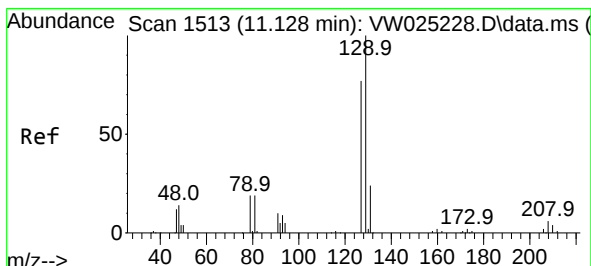
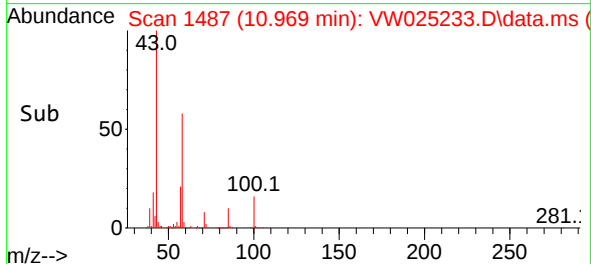
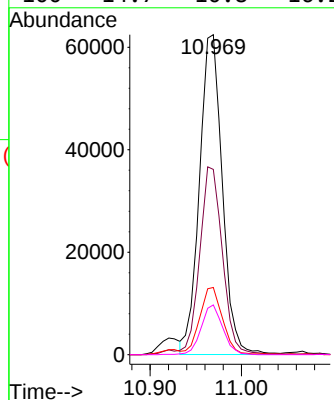
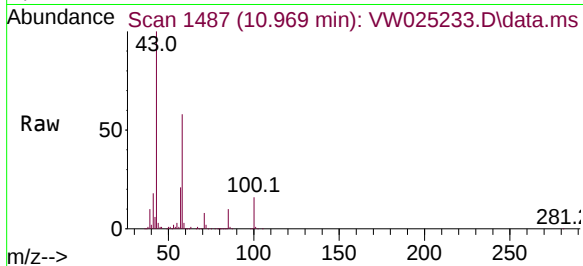


#48
2-Hexanone
Concen: 60.993 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

Tgt Ion: 43 Resp: 108610

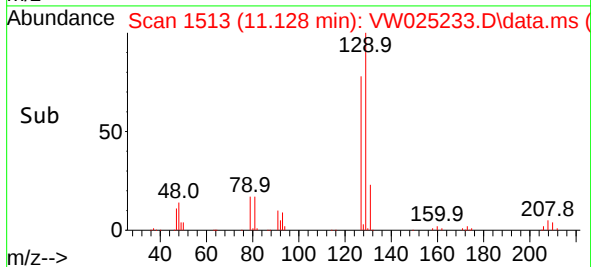
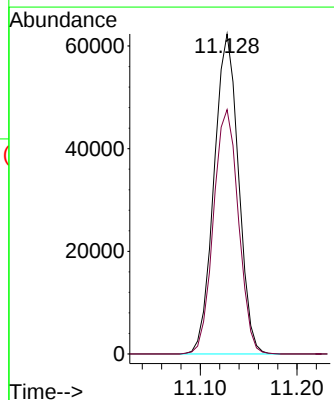
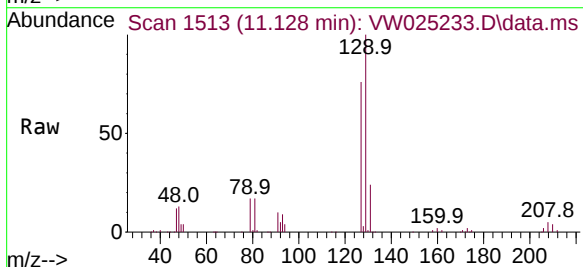
Ion	Ratio	Lower	Upper
43	100		
58	58.3	45.8	68.6
57	21.0	16.2	24.4
100	14.7	10.8	16.2

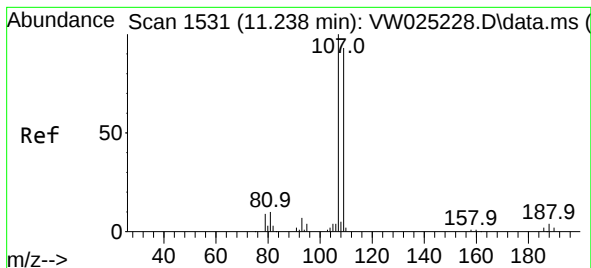


#49
Dibromochloromethane
Concen: 30.399 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion: 129 Resp: 109486

Ion	Ratio	Lower	Upper
129	100		
127	76.3	50.4	93.6

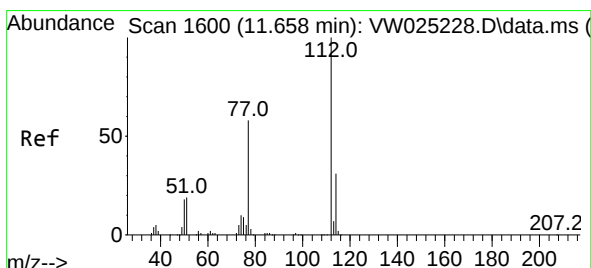
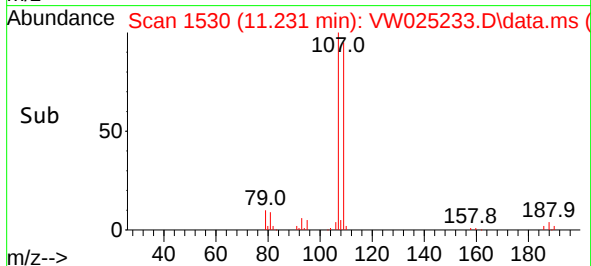
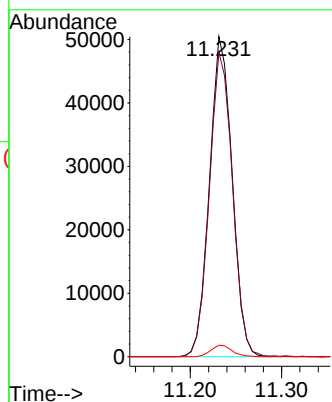
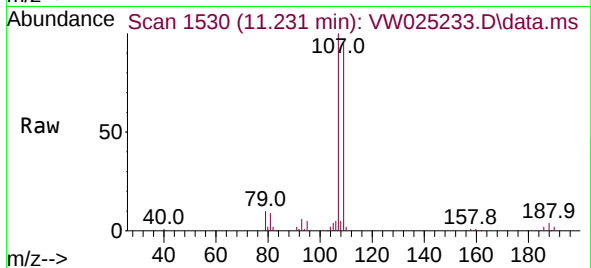




#50
1,2-Dibromoethane
Concen: 29.876 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

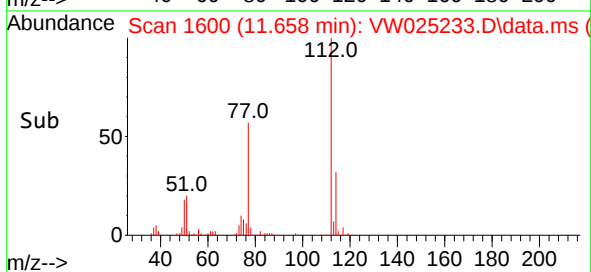
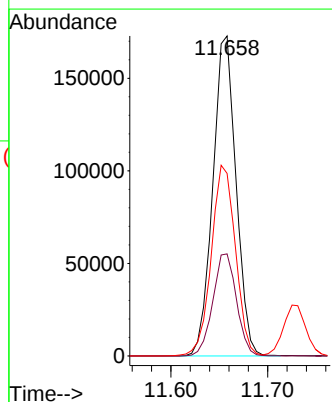
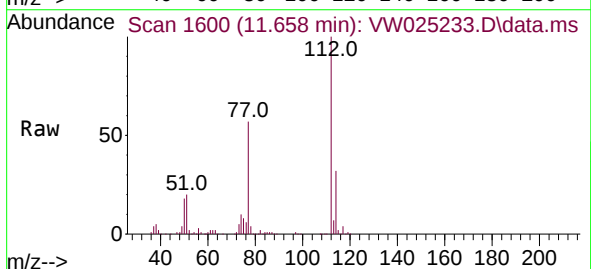
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

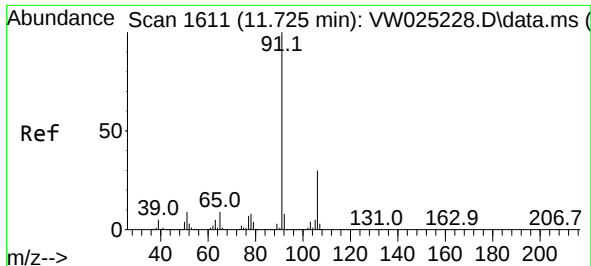
Tgt Ion:107 Resp: 87221
Ion Ratio Lower Upper
107 100
109 95.1 68.2 126.6
188 3.6 3.1 4.7



#51
Chlorobenzene
Concen: 24.257 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion:112 Resp: 288322
Ion Ratio Lower Upper
112 100
114 31.9 21.1 39.1
77 57.0 46.6 69.8

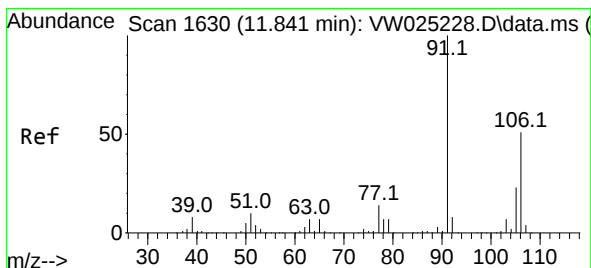
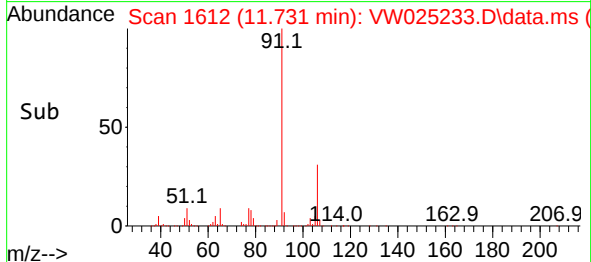
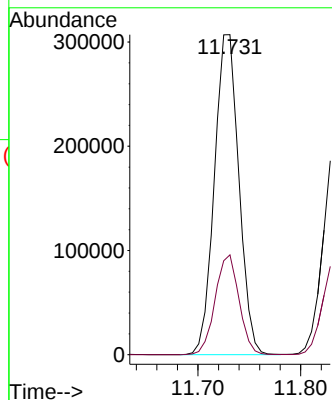
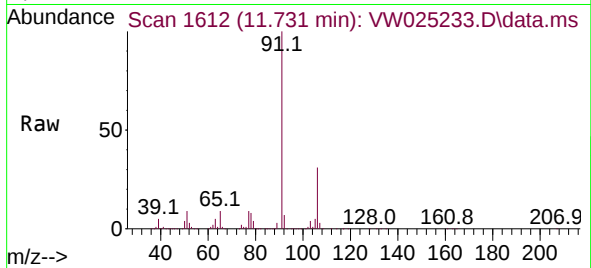




#52
Ethylbenzene
Concen: 23.987 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

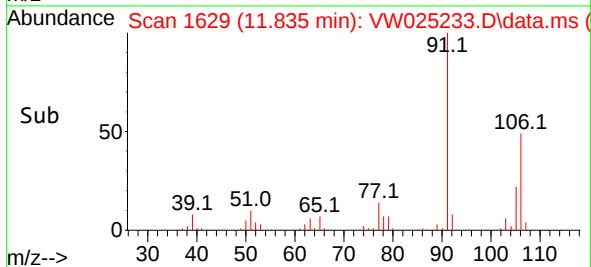
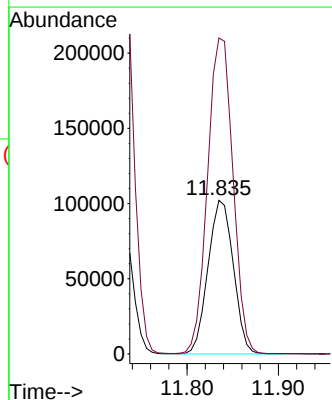
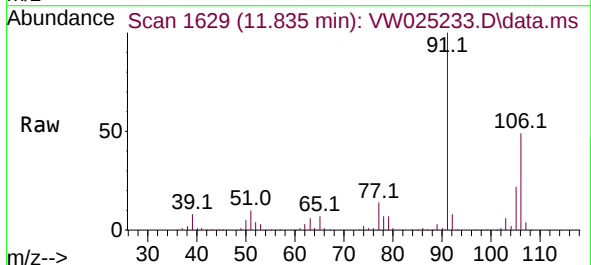
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

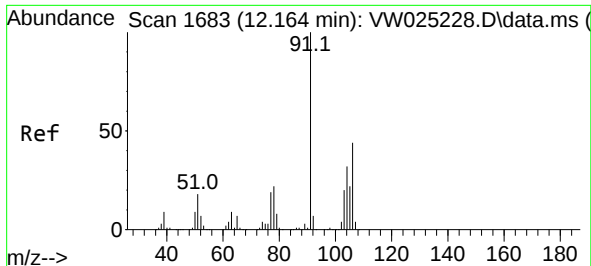
Tgt Ion: 91 Resp: 508703
Ion Ratio Lower Upper
91 100
106 31.2 22.1 41.1



#53
m,p-Xylene
Concen: 24.021 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion:106 Resp: 196873
Ion Ratio Lower Upper
106 100
91 205.7 138.5 257.3

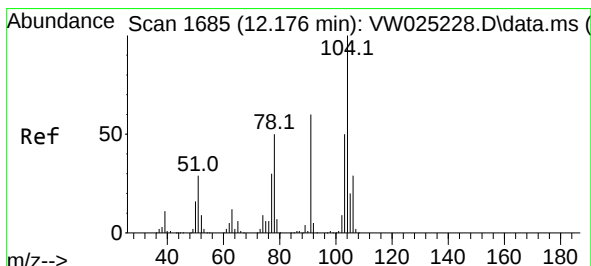
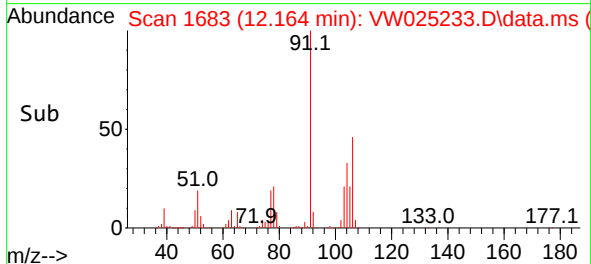
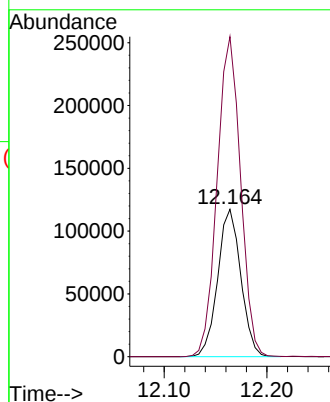
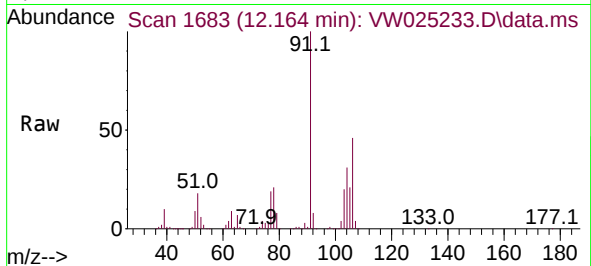




#54
o-Xylene
Concen: 24.288 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

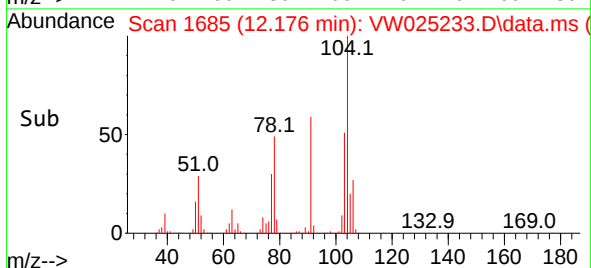
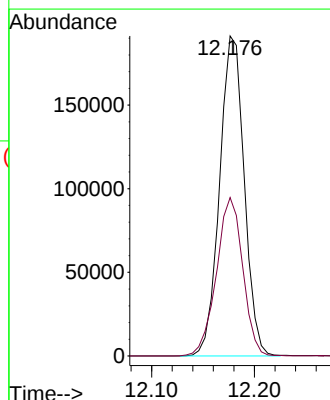
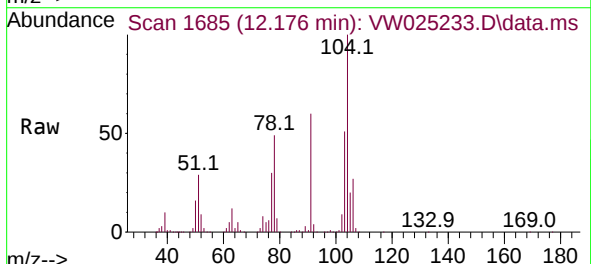
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

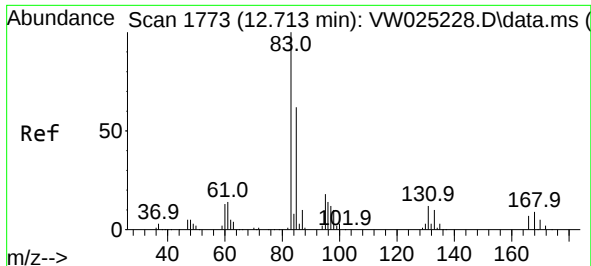
Tgt Ion:106 Resp: 183210
Ion Ratio Lower Upper
106 100
91 217.0 155.3 288.5



#55
Styrene
Concen: 24.807 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion:104 Resp: 317998
Ion Ratio Lower Upper
104 100
78 49.5 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 24.474 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

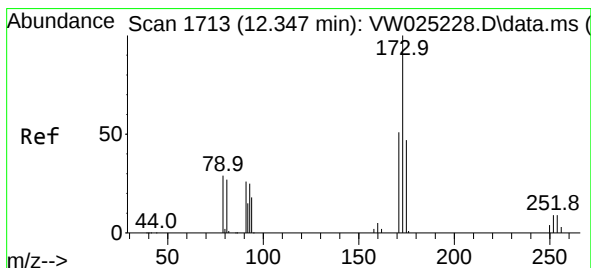
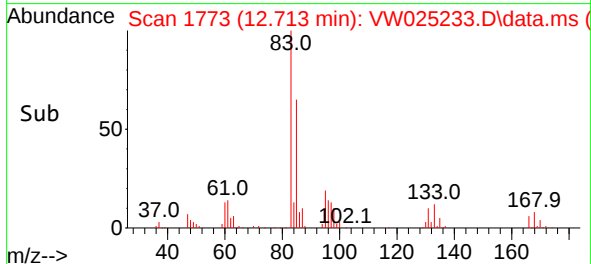
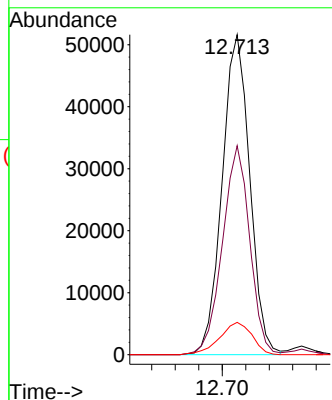
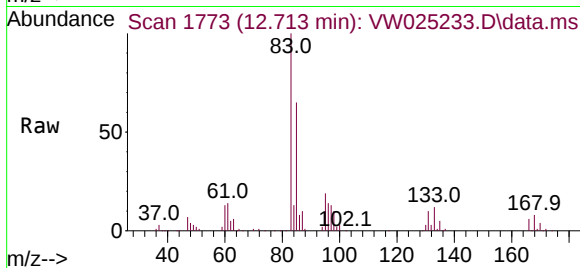
Tgt Ion: 83 Resp: 84221

Ion Ratio Lower Upper

83 100

85 65.3 44.8 83.2

131 10.1 7.4 11.0



#59

Bromoform

Concen: 21.806 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

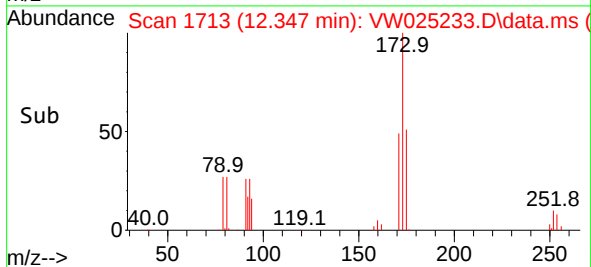
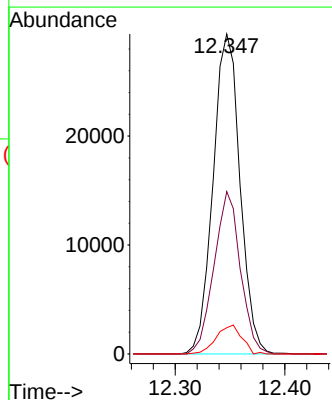
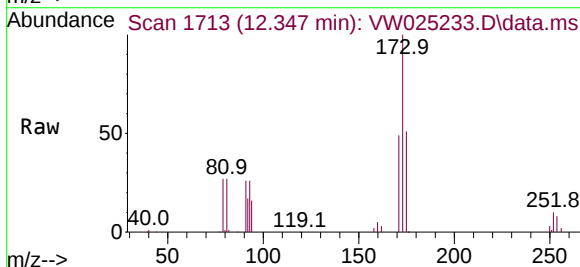
Tgt Ion: 173 Resp: 50185

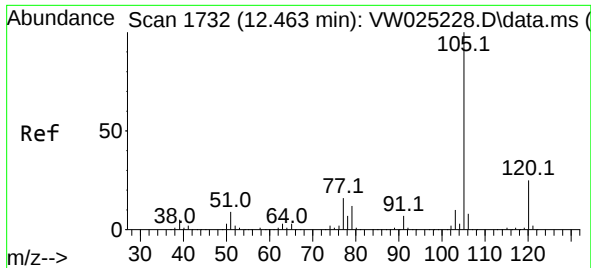
Ion Ratio Lower Upper

173 100

175 49.5 40.7 61.1

254 8.5 6.7 10.1

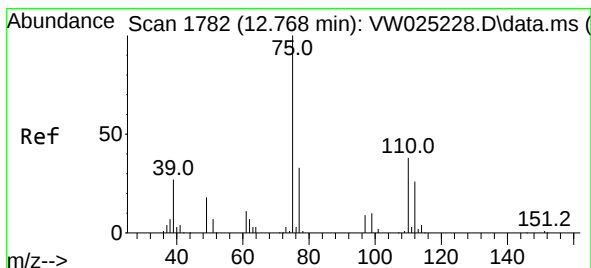
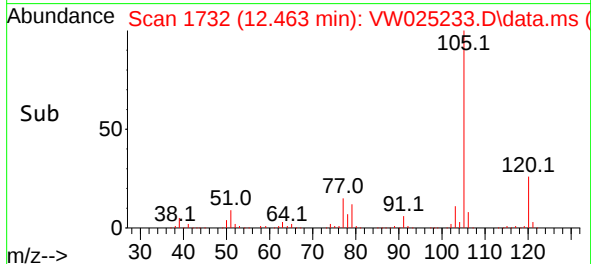
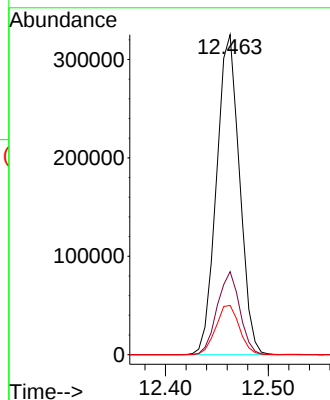
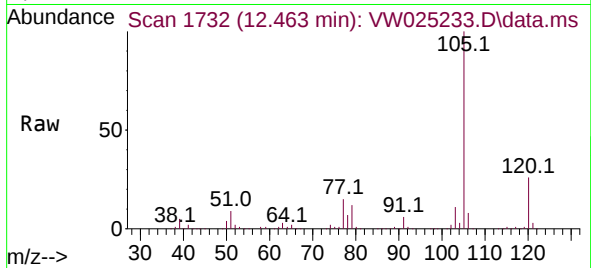




#60
Isopropylbenzene
Concen: 19.216 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

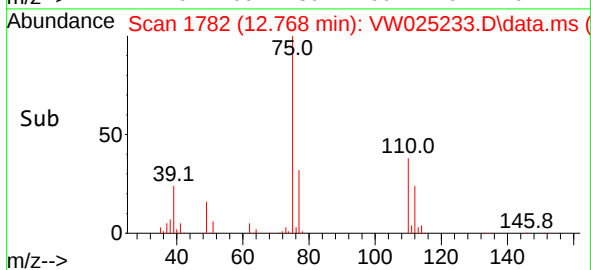
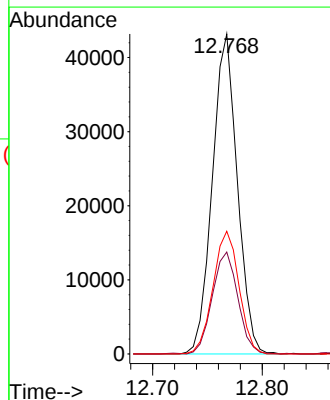
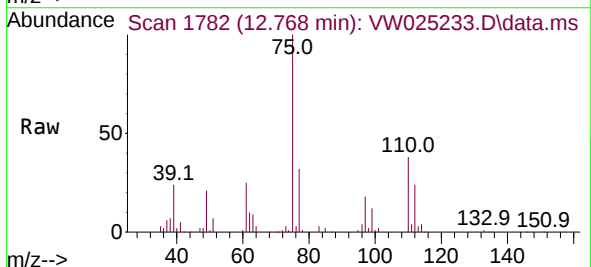
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

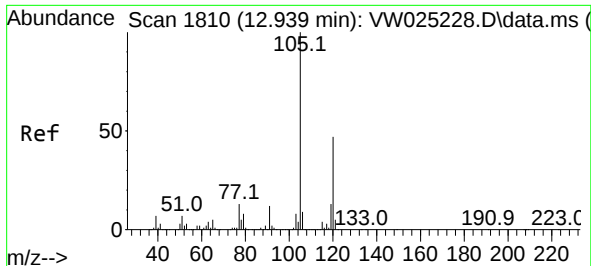
Tgt Ion:105 Resp: 505193
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.8 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 21.009 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion: 75 Resp: 68385
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5
110 39.7 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 19.669 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

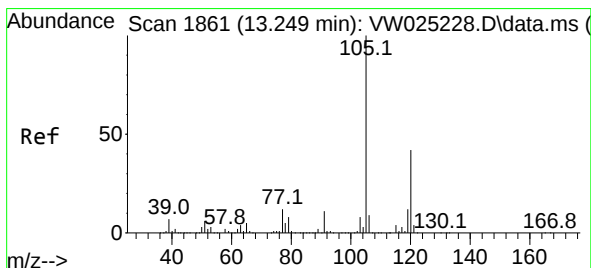
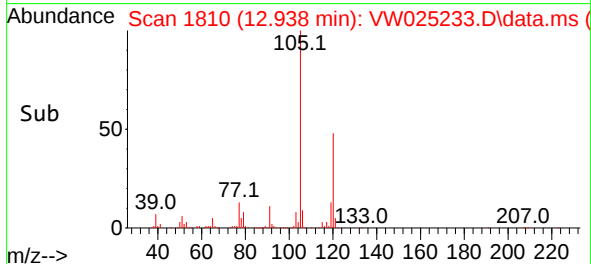
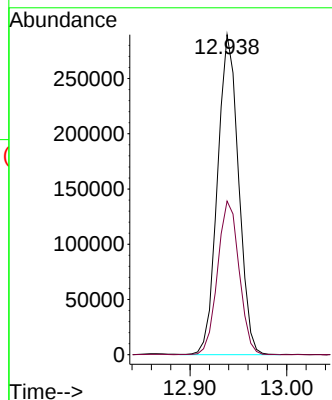
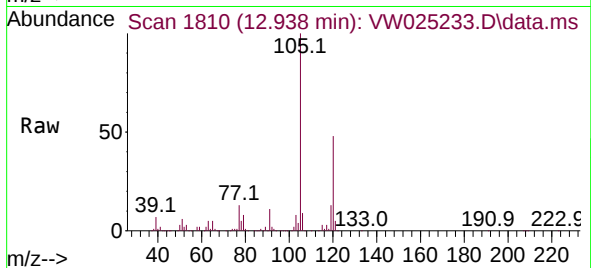
VSTD025523

Tgt Ion:105 Resp: 438425

Ion Ratio Lower Upper

105 100

120 49.0 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 19.699 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025233.D

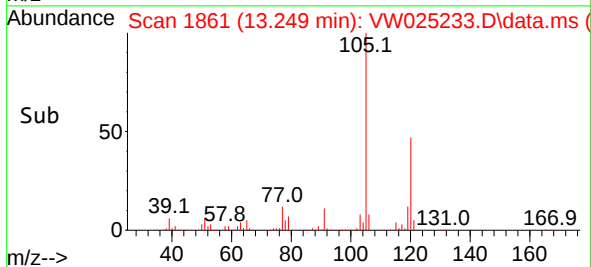
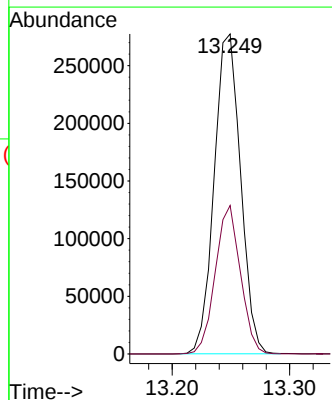
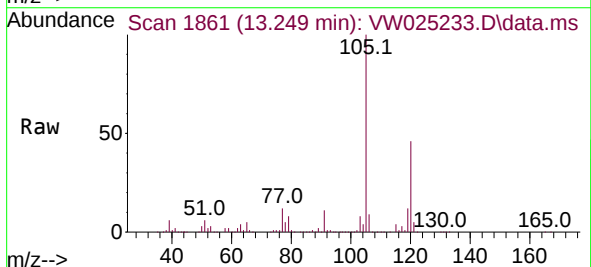
Acq: 17 Jan 2023 15:00

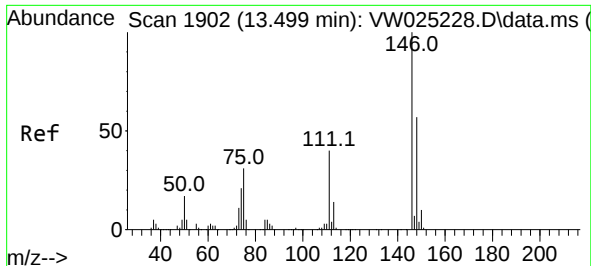
Tgt Ion:105 Resp: 433140

Ion Ratio Lower Upper

105 100

120 44.2 35.1 52.7

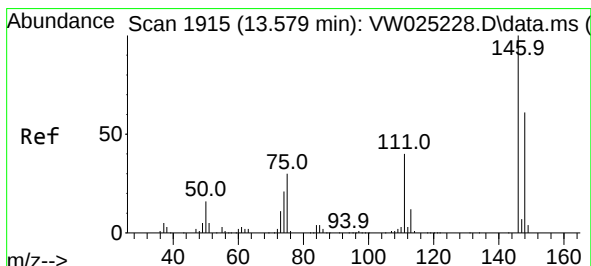
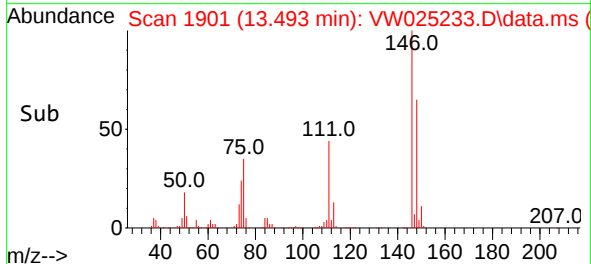
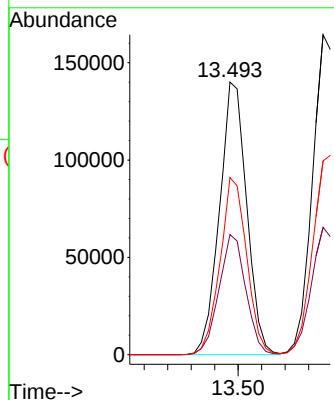
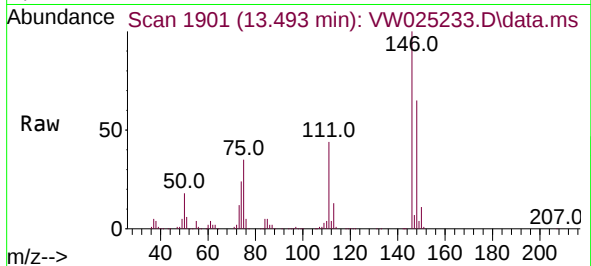




#64
1,3-Dichlorobenzene
Concen: 20.977 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

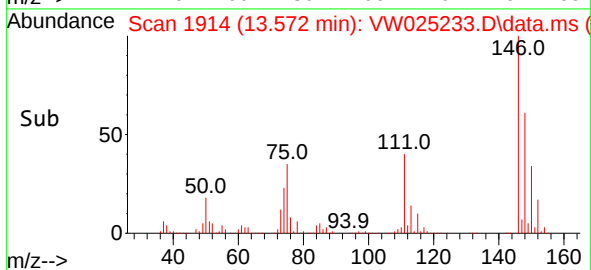
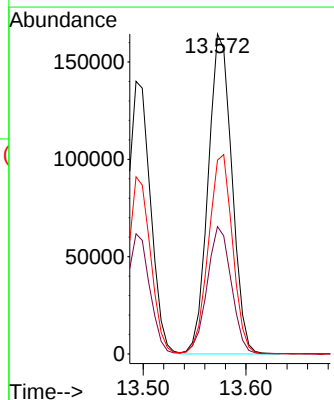
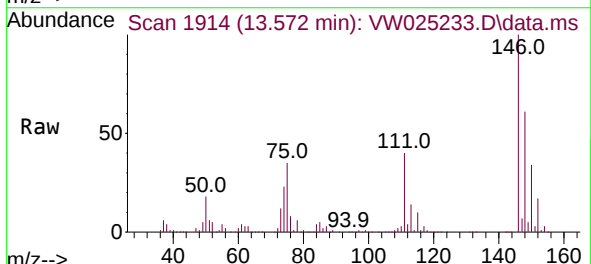
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

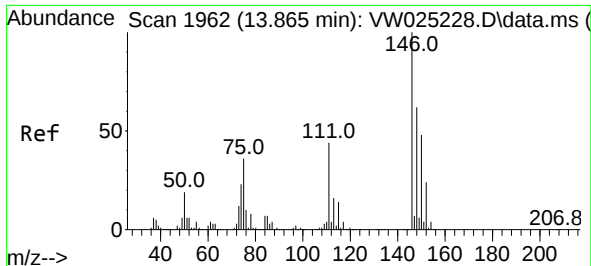
Tgt Ion:146 Resp: 225416
Ion Ratio Lower Upper
146 100
111 44.1 28.3 52.7
148 65.0 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 24.795 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025233.D
Acq: 17 Jan 2023 15:00

Tgt Ion:146 Resp: 264054
Ion Ratio Lower Upper
146 100
111 39.8 27.4 51.0
148 60.6 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 24.962 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

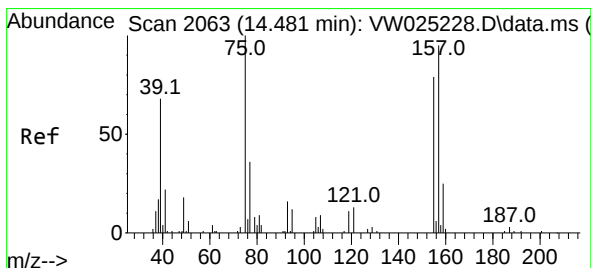
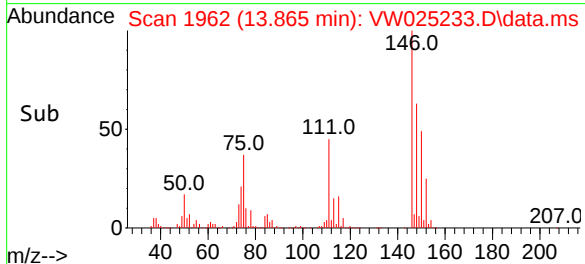
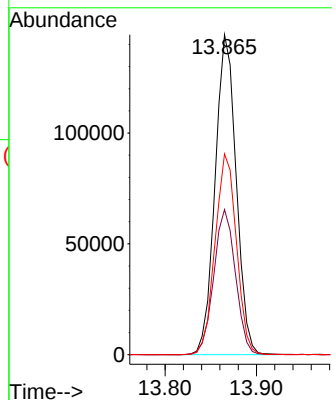
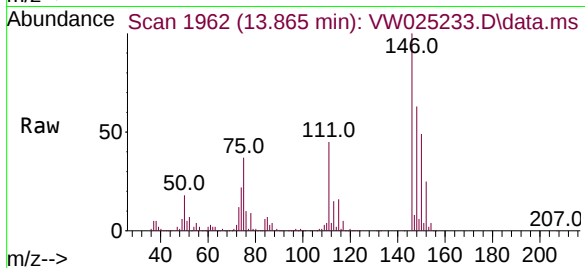
Tgt Ion:146 Resp: 231500

Ion Ratio Lower Upper

146 100

111 45.4 36.1 54.1

148 62.7 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 25.577 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

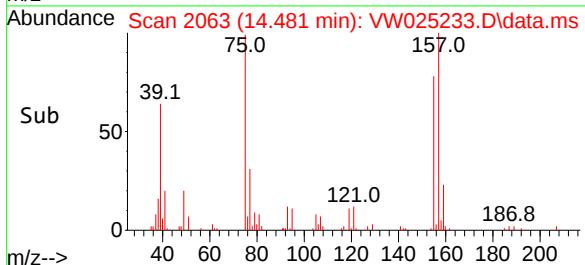
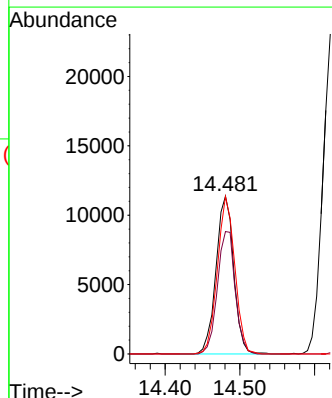
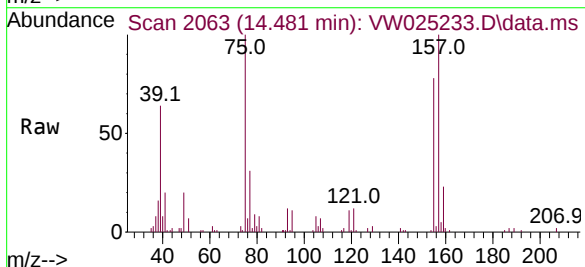
Tgt Ion: 75 Resp: 18647

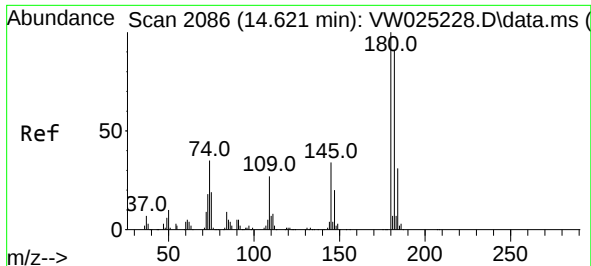
Ion Ratio Lower Upper

75 100

155 77.6 62.3 93.5

157 99.8 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 23.073 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

Tgt Ion:180 Resp: 176649

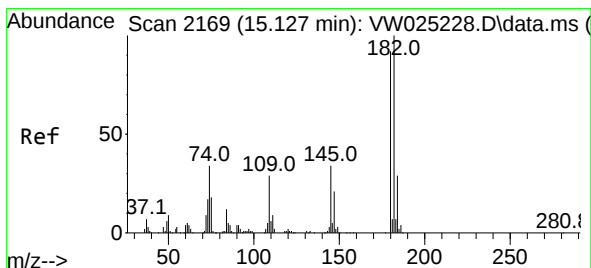
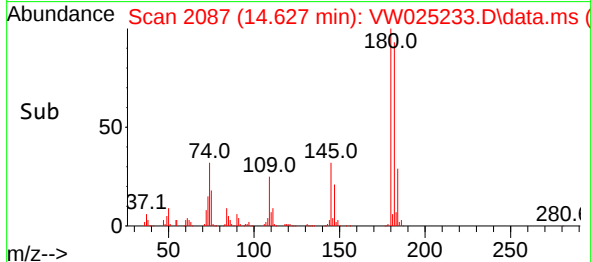
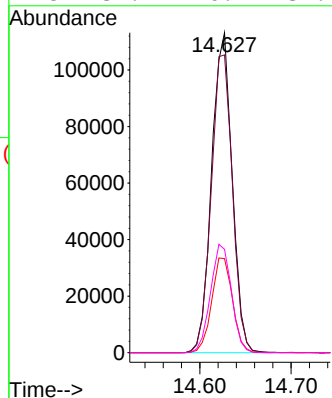
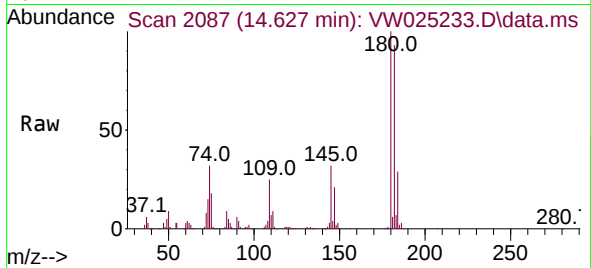
Ion Ratio Lower Upper

180 100

182 96.0 75.1 112.7

184 30.0 23.3 34.9

145 34.4 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 23.078 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

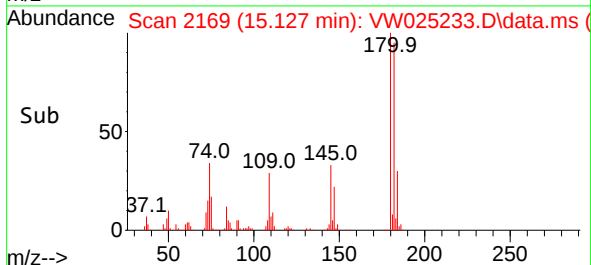
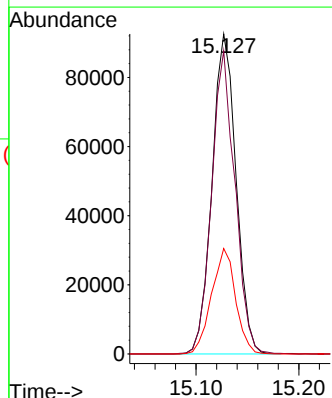
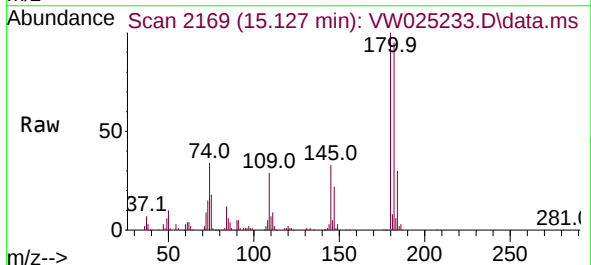
Tgt Ion:180 Resp: 150036

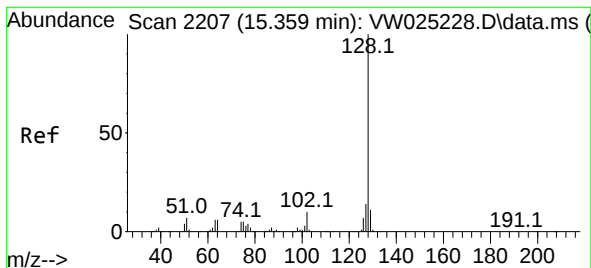
Ion Ratio Lower Upper

180 100

182 92.0 72.5 108.7

145 32.9 27.0 40.4





#71

Naphthalene

Concen: 23.735 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

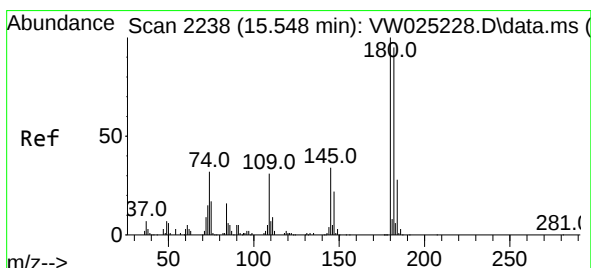
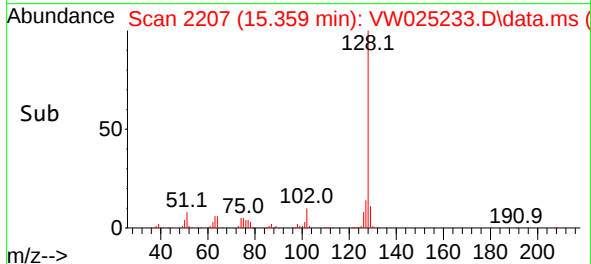
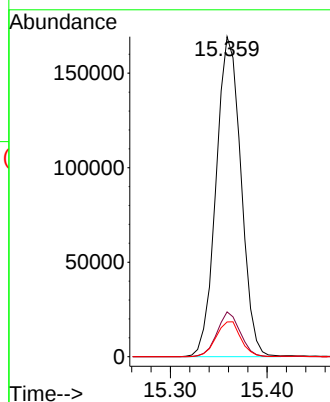
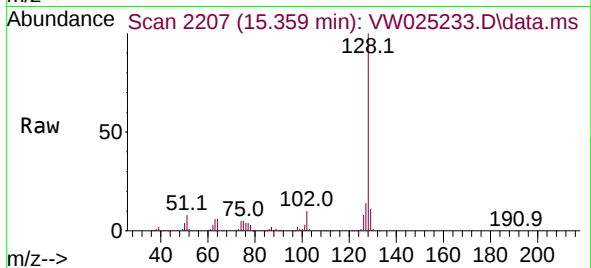
Tgt Ion:128 Resp: 302419

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 23.197 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025233.D

Acq: 17 Jan 2023 15:00

Tgt Ion:180 Resp: 129364

Ion Ratio Lower Upper

180 100

182 91.4 76.5 114.7

145 35.6 28.6 42.8

