

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020323\
 Data File : VW025268.D
 Acq On : 03 Feb 2023 09:54
 Operator : SY/MD
 Sample : VSTD10023
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100423

Quant Time: Feb 03 11:16:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:15:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	396491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	347180	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	164115	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	398696	103.914	ug/L	0.00
7) Chloroethane-d5	2.897	69	327813	96.224	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	1039281	97.687	ug/L	0.00
21) 2-Butanone-d5	7.073	46	198528	199.986	ug/L	-0.01
24) Chloroform-d	7.653	84	1003067	96.521	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	495595	97.903	ug/L	0.00
32) Benzene-d6	8.274	84	1974937	93.856	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	558065	90.644	ug/L	0.00
41) Toluene-d8	10.323	98	1736807	92.338	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	192879	83.841	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	126560	183.343	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	401203	95.825	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	550183	96.626	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.019	85	553967	117.193	ug/L	95
3) Chloromethane	2.227	50	541834	105.391	ug/L	98
5) Vinyl chloride	2.373	62	584066	111.359	ug/L	98
6) Bromomethane	2.788	94	363681	101.272	ug/L	96
8) Chloroethane	2.934	64	335157	102.363	ug/L	98
9) Trichlorofluoromethane	3.269	101	778555	103.199	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	558824	102.153	ug/L	95
12) 1,1-Dichloroethene	4.043	96	563597	103.786	ug/L	96
13) Acetone	4.129	43	198639	182.511	ug/L	100
14) Carbon disulfide	4.385	76	1823329	102.746	ug/L	100
15) Methyl Acetate	4.671	43	192822	117.778	ug/L	99
16) Methylene chloride	4.915	84	548591	81.279	ug/L	95
17) trans-1,2-Dichloroethene	5.433	96	589232	101.037	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	857781	102.317	ug/L	100
19) 1,1-Dichloroethane	6.220	63	1066245	102.679	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	636904	104.012	ug/L	100
22) 2-Butanone	7.171	43	262214	204.633	ug/L	99
23) Bromochloromethane	7.512	128	262712	104.160	ug/L	98
25) Chloroform	7.677	83	1073747	100.524	ug/L	99
27) 1,2-Dichloroethane	8.402	62	680800	104.649	ug/L	99
29) Cyclohexane	7.957	56	1009954	101.014	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	958604	97.343	ug/L	100
31) Carbon tetrachloride	8.073	117	890278	97.728	ug/L	99
33) Benzene	8.323	78	2337767	97.303	ug/L	100
34) Trichloroethene	9.091	95	651714	96.842	ug/L	97
35) Methylcyclohexane	9.335	83	1162018	96.736	ug/L	99
37) 1,2-Dichloropropane	9.366	63	568367	95.918	ug/L	100
38) Bromodichloromethane	9.646	83	775583	98.435	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	988855	101.921	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	538906	205.978	ug/L	100
42) Toluene	10.390	91	2141077	89.615	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	639243	92.432	ug/L	100

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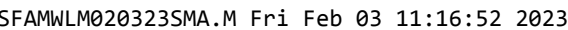
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100423

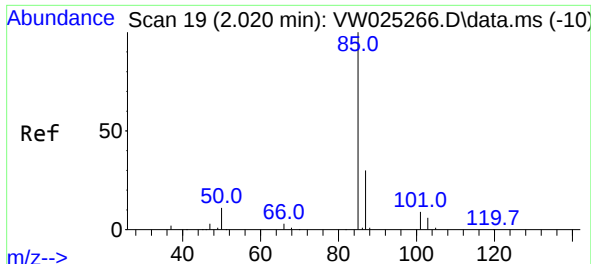
Quant Time: Feb 03 11:16:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:15:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	341036	91.320	ug/L	94
46) Tetrachloroethene	10.865	164	368730	85.736	ug/L	94
48) 2-Hexanone	10.969	43	305330	184.892	ug/L	99
49) Dibromochloromethane	11.128	129	397405	94.216	ug/L	94
50) 1,2-Dibromoethane	11.237	107	369946	108.139	ug/L #	98
51) Chlorobenzene	11.658	112	1588325	101.017	ug/L	97
52) Ethylbenzene	11.731	91	3016600	105.380	ug/L	99
53) m,p-Xylene	11.835	106	1131526	104.298	ug/L	99
54) o-Xylene	12.164	106	1070131	97.985	ug/L	97
55) Styrene	12.176	104	1790486	96.825	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	443535	99.677	ug/L	99
59) Bromoform	12.347	173	261246	112.199	ug/L	99
60) Isopropylbenzene	12.463	105	3023926	108.800	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	327285	112.162	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	2511645	112.093	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	2421241	107.844	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	1208785	104.974	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	1160991	102.172	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	1020579	102.846	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	74557	109.399	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	809373	108.083	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	682233	111.886	ug/L	97
71) Naphthalene	15.358	128	1315413	118.010	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	578936	110.578	ug/L	99

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

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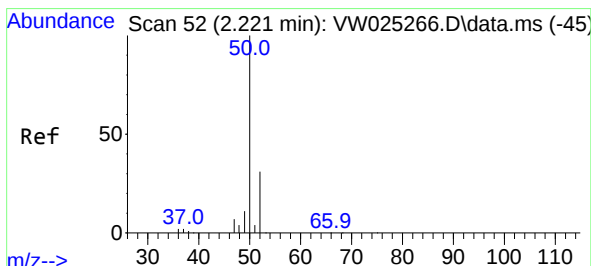
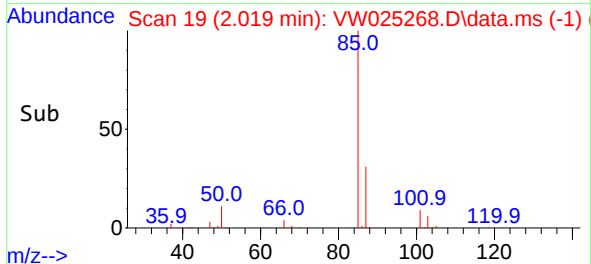
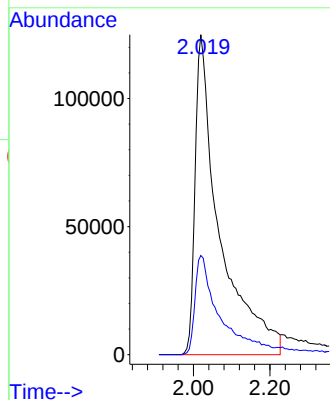
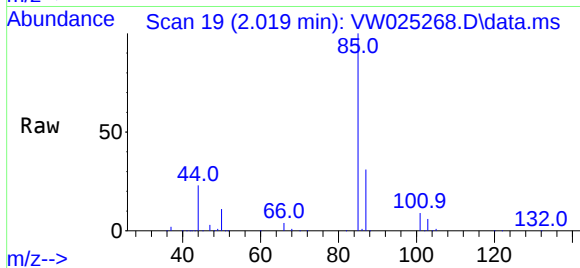




#2
Dichlorodifluoromethane
Concen: 117.193 ug/L
RT: 2.019 min Scan# 19
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

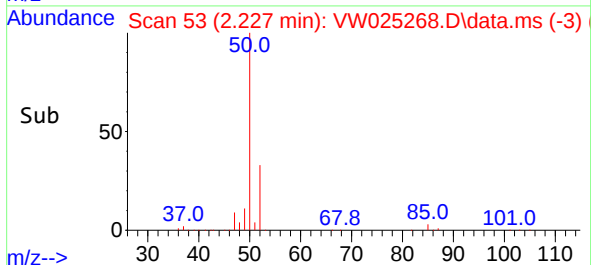
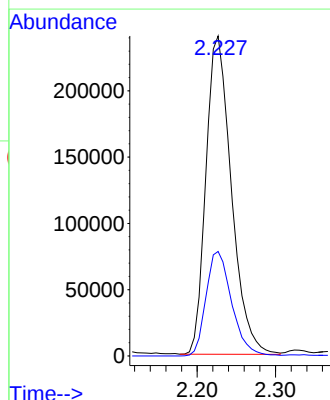
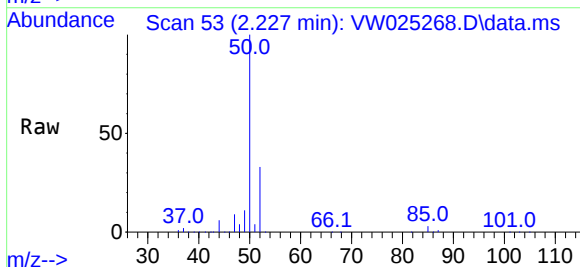
Instrument : MSVOA_W
ClientSampleId : VSTD100423

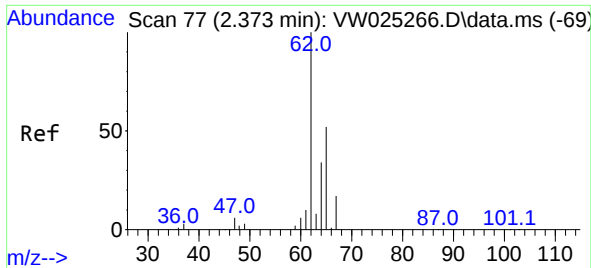
Tgt Ion: 85 Resp: 553967
Ion Ratio Lower Upper
85 100
87 26.6 23.3 34.9



#3
Chloromethane
Concen: 105.391 ug/L
RT: 2.227 min Scan# 53
Delta R.T. 0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 50 Resp: 541834
Ion Ratio Lower Upper
50 100
52 32.7 22.0 40.8

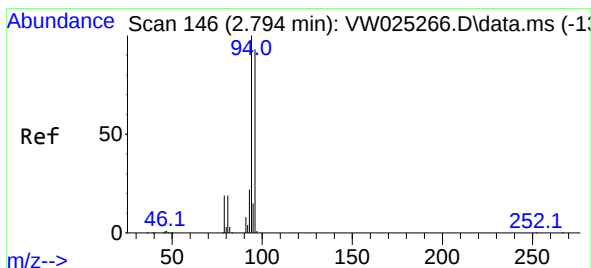
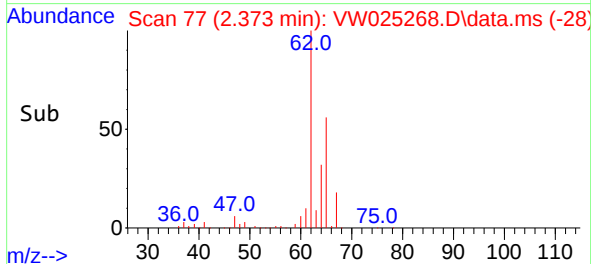
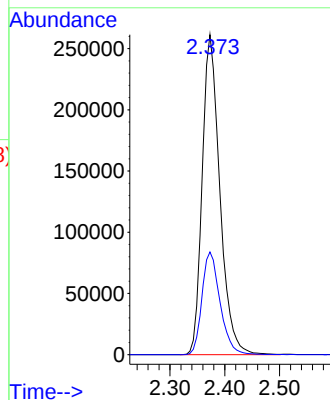
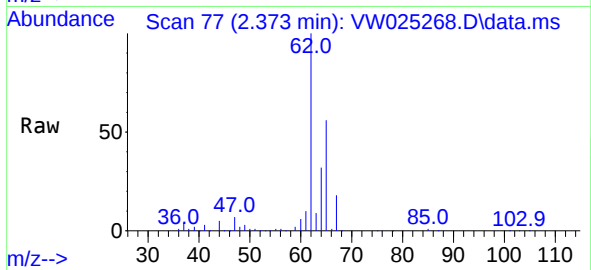




#5
 Vinyl chloride
 Concen: 111.359 ug/L
 RT: 2.373 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW025268.D
 Acq: 03 Feb 2023 09:54

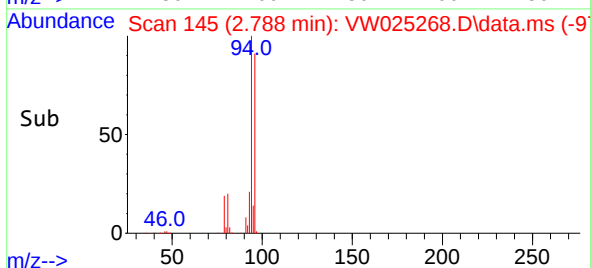
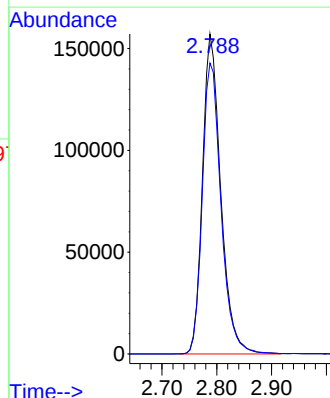
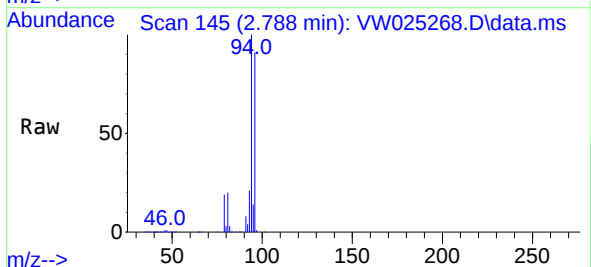
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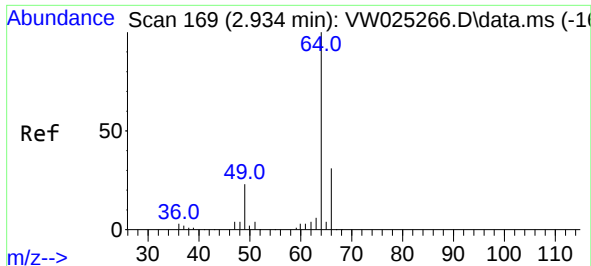
Tgt Ion: 62 Resp: 584066
 Ion Ratio Lower Upper
 62 100
 64 32.1 21.8 40.6



#6
 Bromomethane
 Concen: 101.272 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.006 min
 Lab File: VW025268.D
 Acq: 03 Feb 2023 09:54

Tgt Ion: 94 Resp: 363681
 Ion Ratio Lower Upper
 94 100
 96 90.9 66.3 123.1

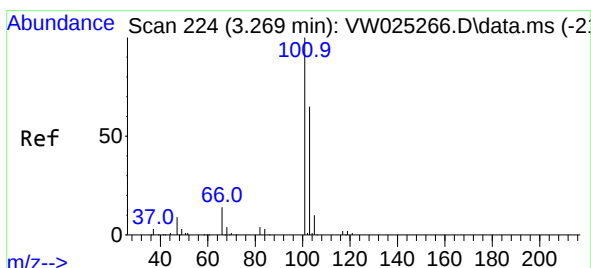
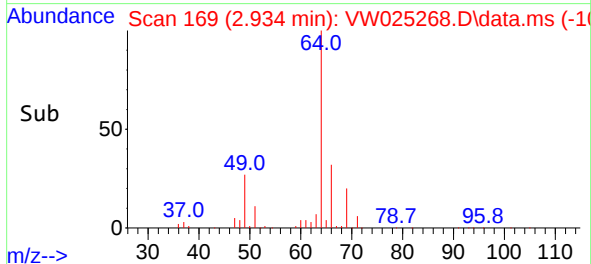
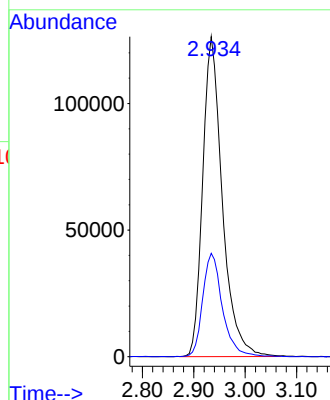
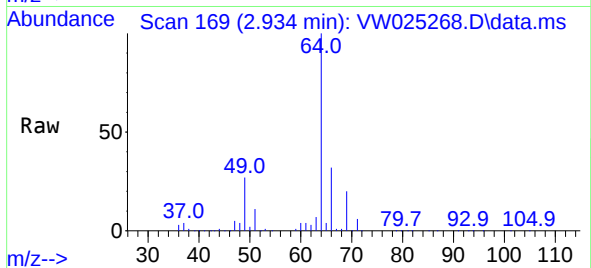




#8
Chloroethane
Concen: 102.363 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

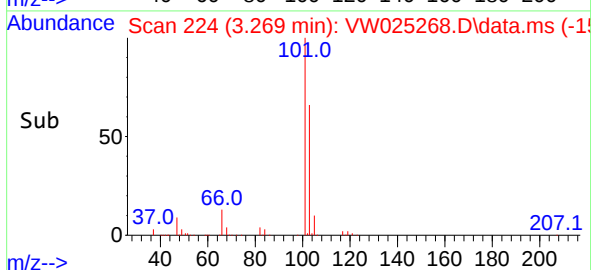
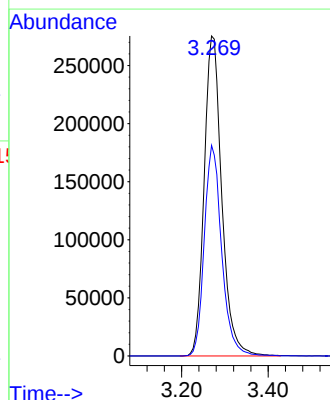
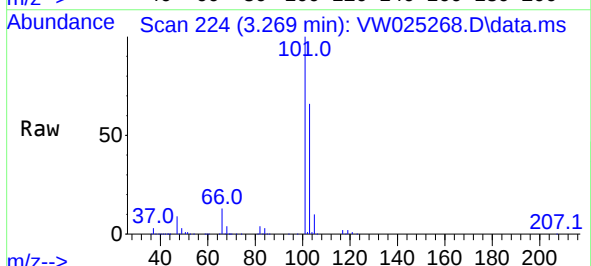
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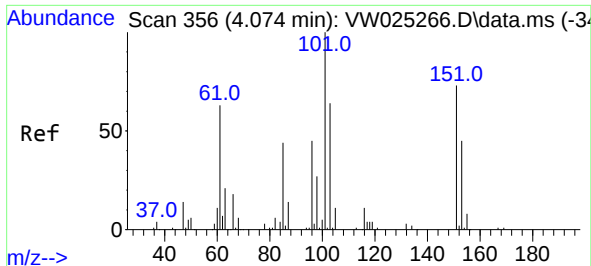
Tgt Ion: 64 Resp: 335157
Ion Ratio Lower Upper
64 100
66 32.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 103.199 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion:101 Resp: 778555
Ion Ratio Lower Upper
101 100
103 64.7 52.4 78.6

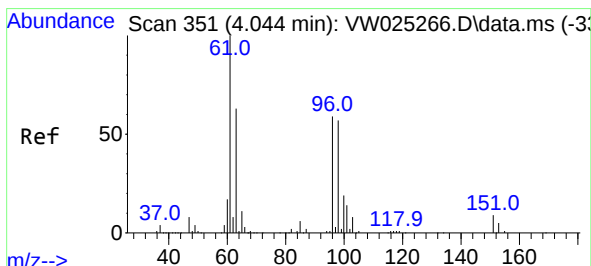
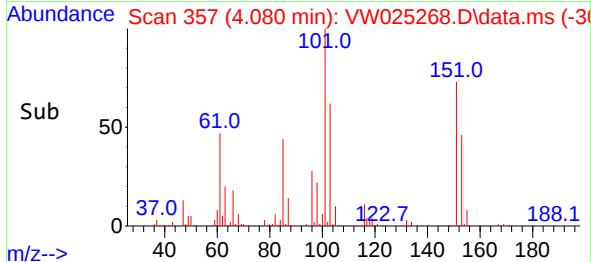
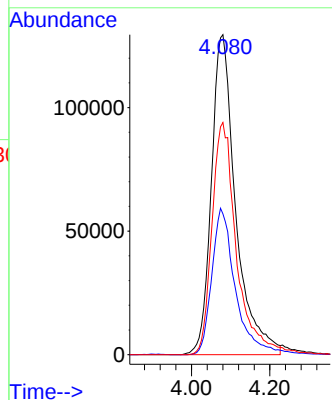
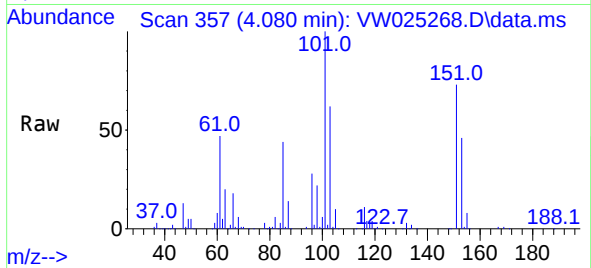




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 102.153 ug/L
RT: 4.080 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

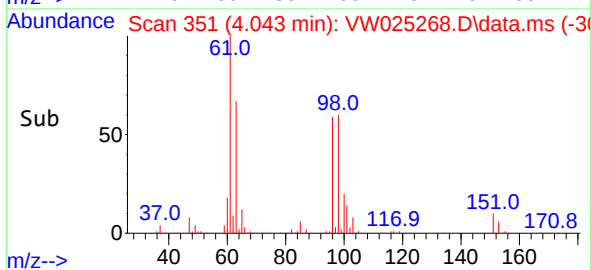
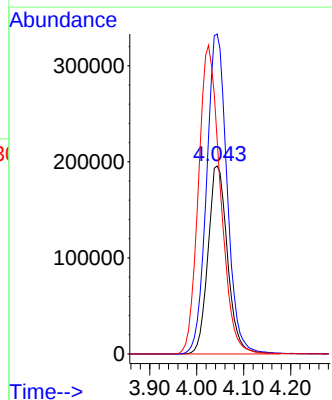
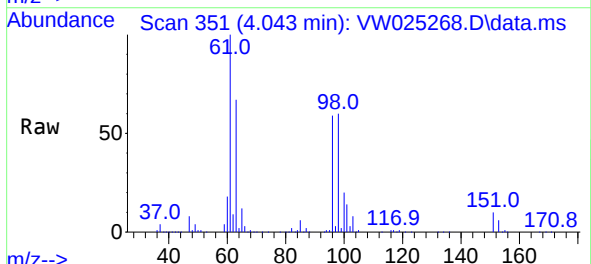
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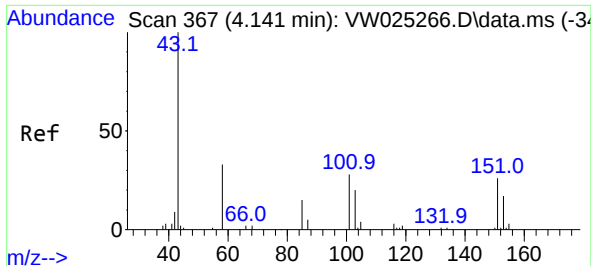
Tgt Ion:101 Resp: 558824
Ion Ratio Lower Upper
101 100
85 43.8 32.8 49.2
151 72.9 54.7 82.1



#12
1,1-Dichloroethene
Concen: 103.786 ug/L
RT: 4.043 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 96 Resp: 563597
Ion Ratio Lower Upper
96 100
61 170.2 120.8 224.4
63 113.8 85.7 159.1

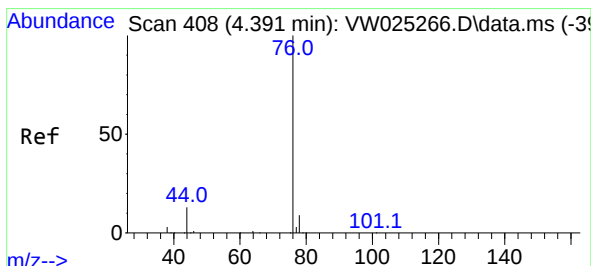
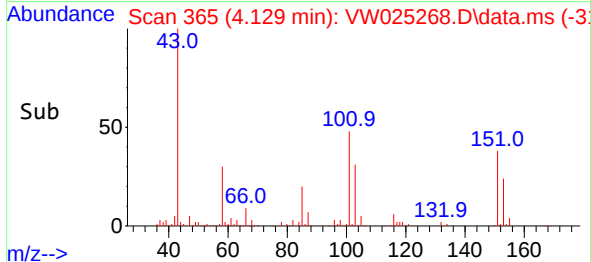
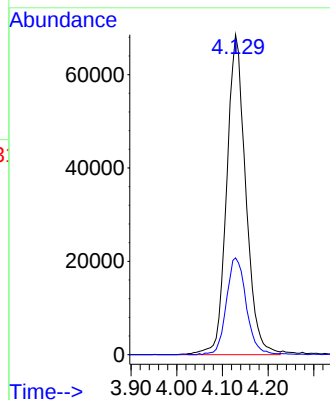
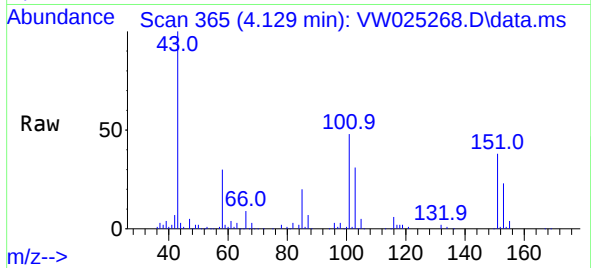




#13
Acetone
Concen: 182.511 ug/L
RT: 4.129 min Scan# 307
Delta R.T. -0.012 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

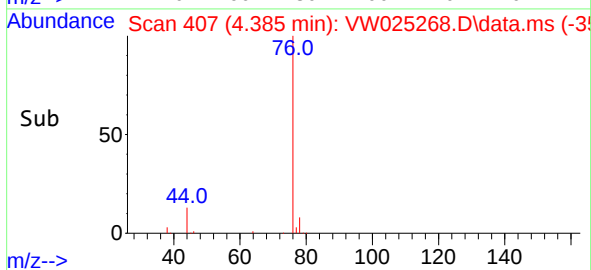
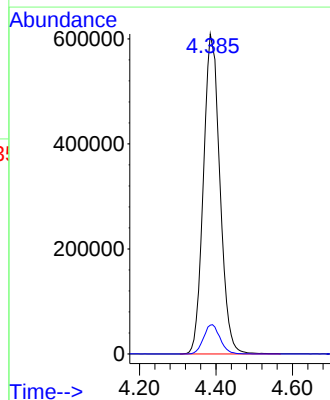
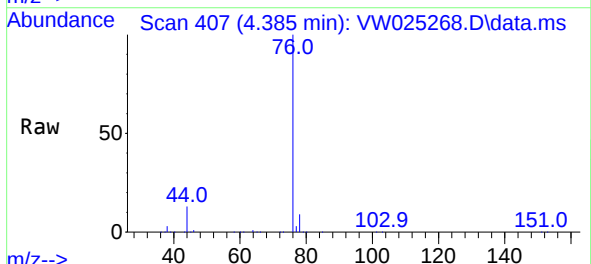
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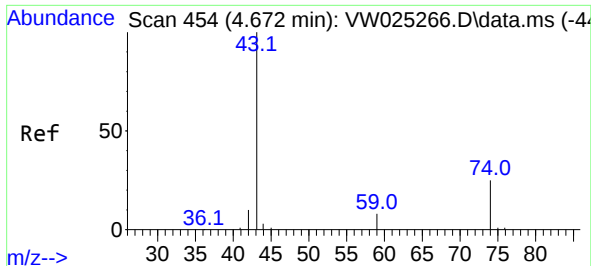
Tgt Ion: 43 Resp: 198639
Ion Ratio Lower Upper
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58 31.4 0.0 63.0



#14
Carbon disulfide
Concen: 102.746 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 76 Resp: 1823329
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

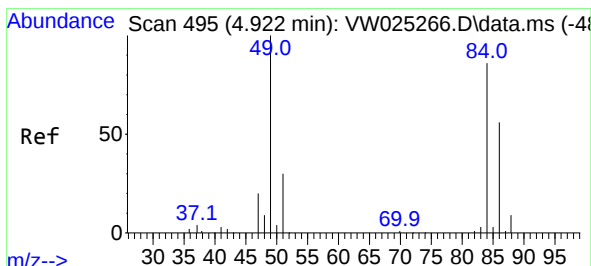
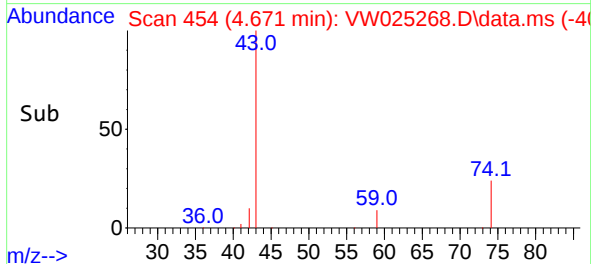
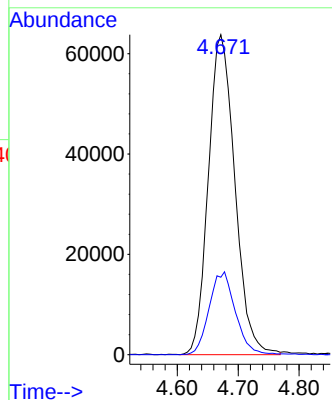
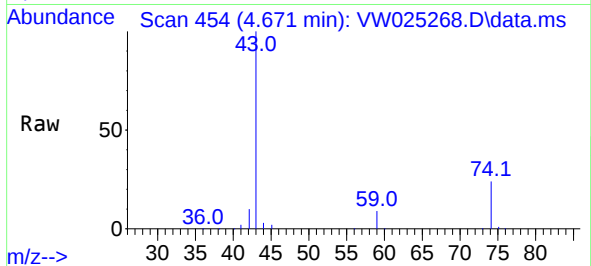




#15
Methyl Acetate
Concen: 117.778 ug/L
RT: 4.671 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

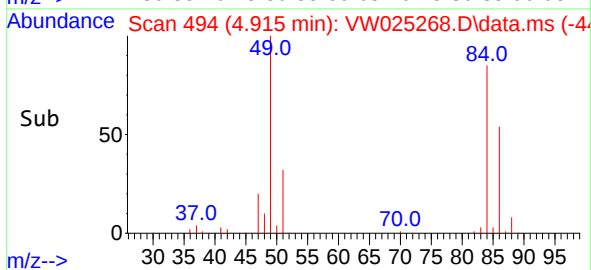
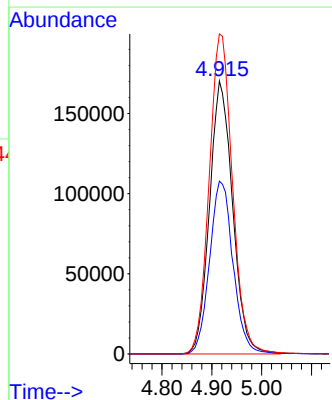
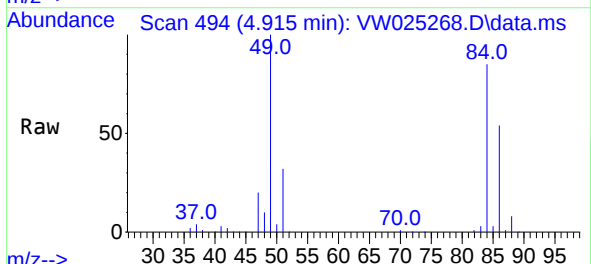
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

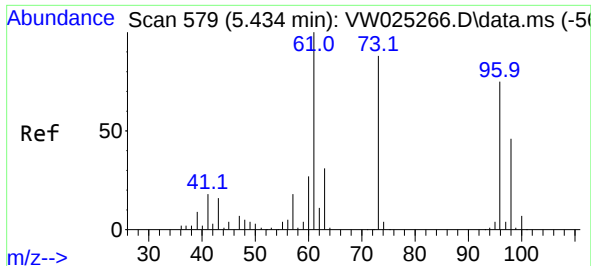
Tgt Ion: 43 Resp: 192822
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.2



#16
Methylene chloride
Concen: 81.279 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 84 Resp: 548591
Ion Ratio Lower Upper
84 100
86 63.3 47.2 87.6
49 117.2 86.5 160.7

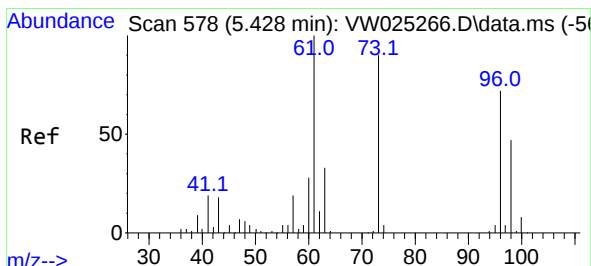
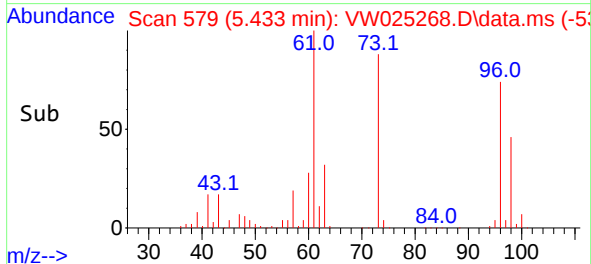
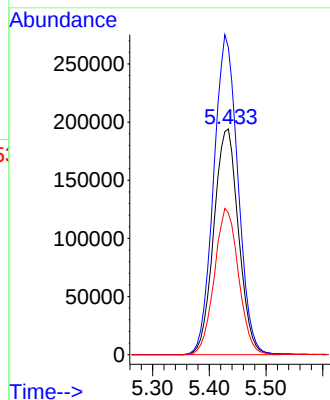
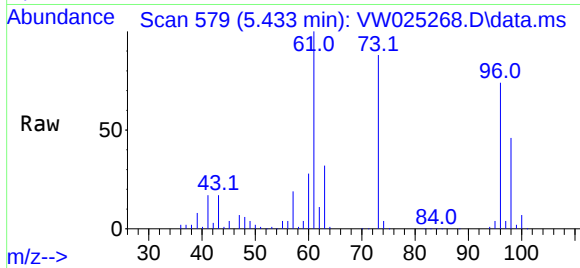




#17
trans-1,2-Dichloroethene
Concen: 101.037 ug/L
RT: 5.433 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

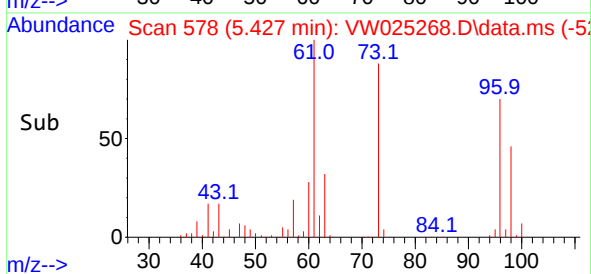
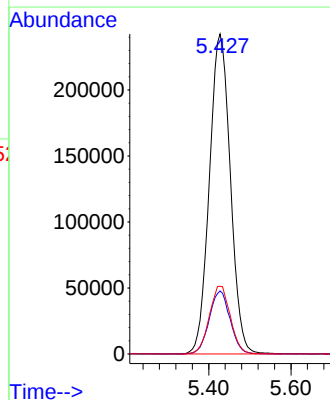
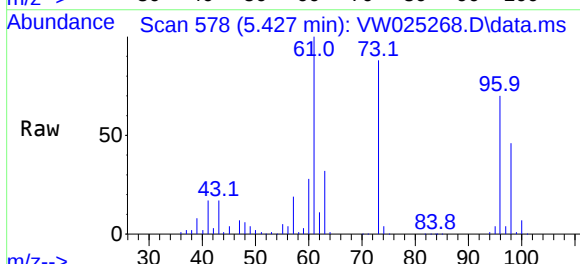
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

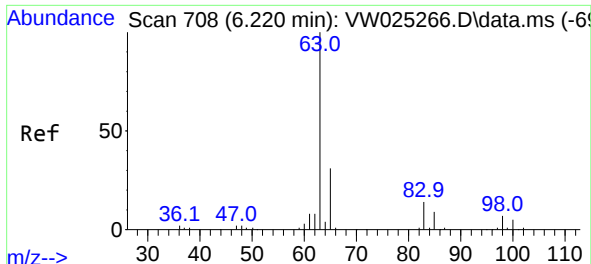
Tgt Ion: 96 Resp: 589232
Ion Ratio Lower Upper
96 100
61 136.0 98.4 182.8
98 62.8 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 102.317 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 73 Resp: 857781
Ion Ratio Lower Upper
73 100
43 19.6 15.8 23.6
57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 102.679 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

Instrument :

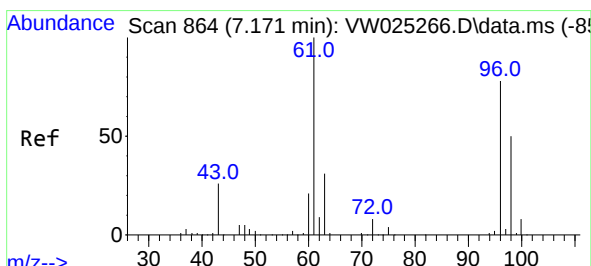
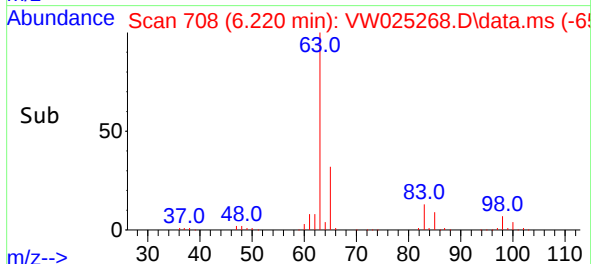
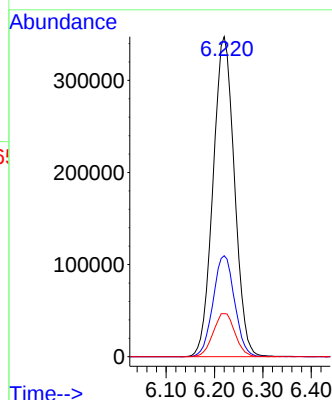
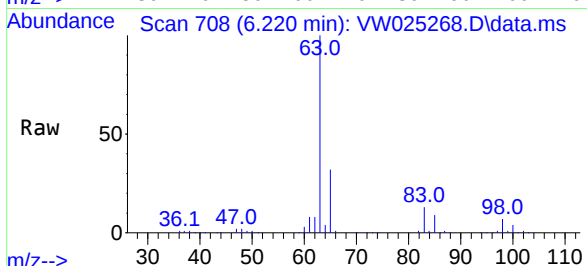
MSVOA_W

ClientSampleId :

VSTD100423

Tgt Ion: 63 Resp: 1066245

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.0	41.0
83	13.5	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 104.012 ug/L

RT: 7.171 min Scan# 864

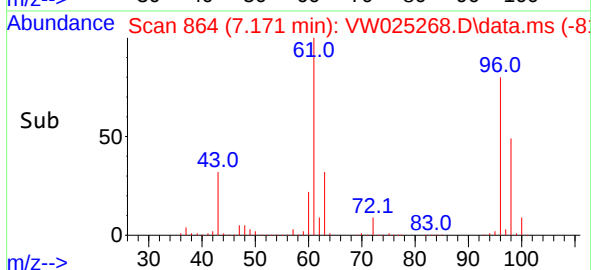
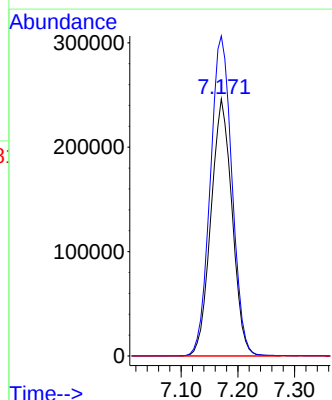
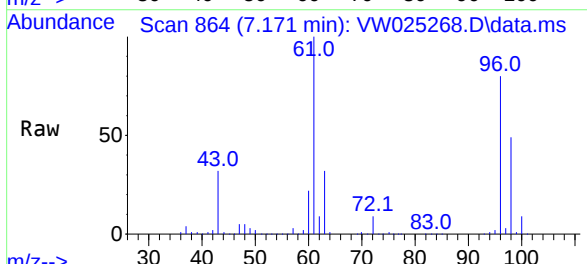
Delta R.T. -0.000 min

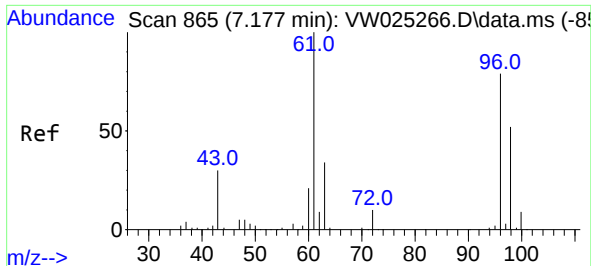
Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

Tgt Ion: 96 Resp: 636904

Ion	Ratio	Lower	Upper
96	100		
61	124.5	87.2	162.0
68	0.0	0.0	0.0

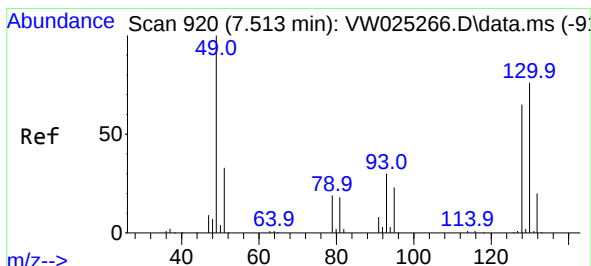
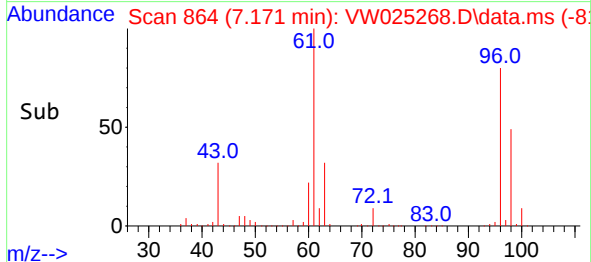
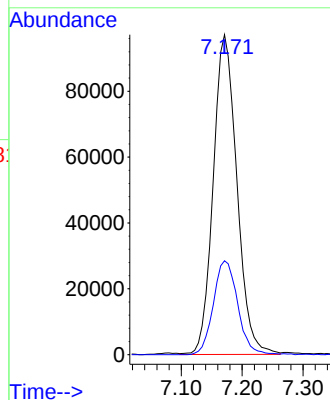
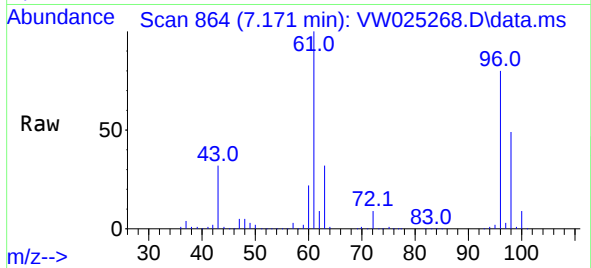




#22
2-Butanone
Concen: 204.633 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

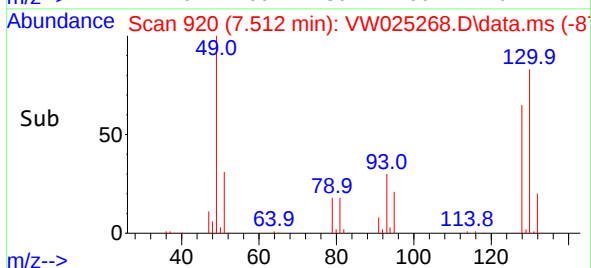
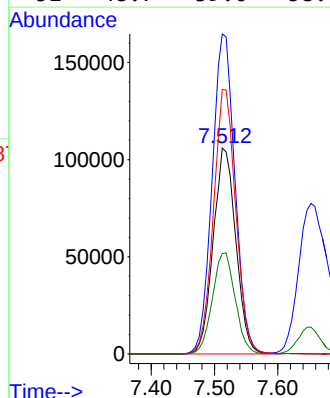
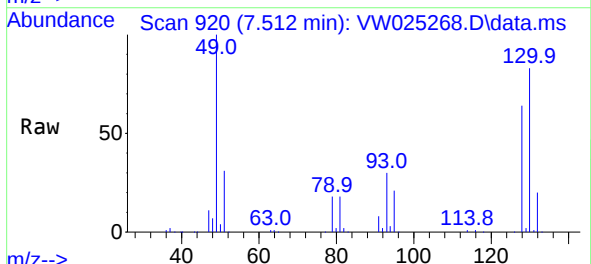
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

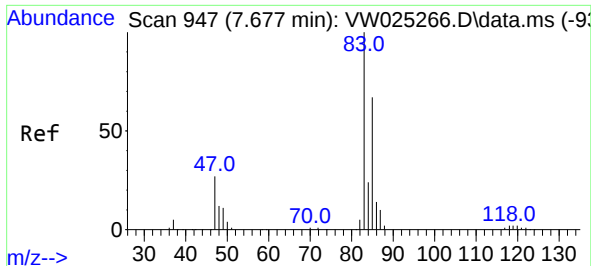
Tgt Ion: 43 Resp: 262214
Ion Ratio Lower Upper
43 100
72 30.1 15.2 45.6



#23
Bromochloromethane
Concen: 104.160 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 128 Resp: 262712
Ion Ratio Lower Upper
128 100
49 155.4 109.0 202.4
130 128.5 93.3 173.3
51 48.7 39.0 58.4

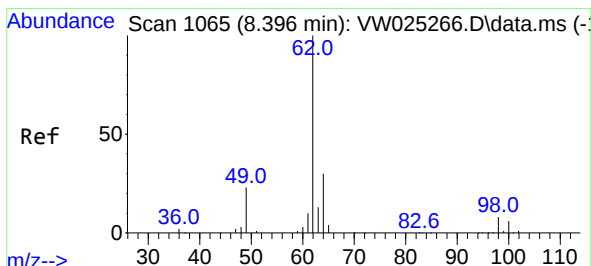
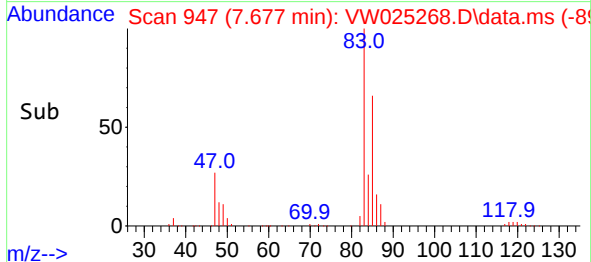
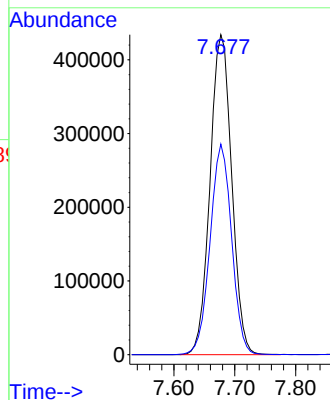
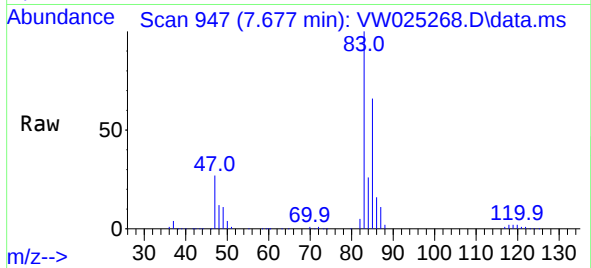




#25
Chloroform
Concen: 100.524 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

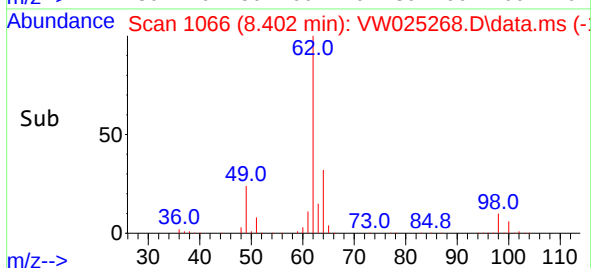
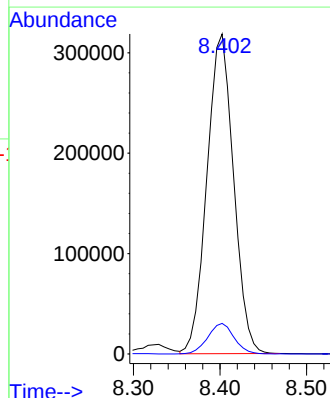
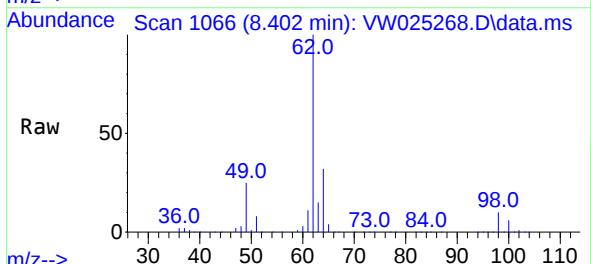
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

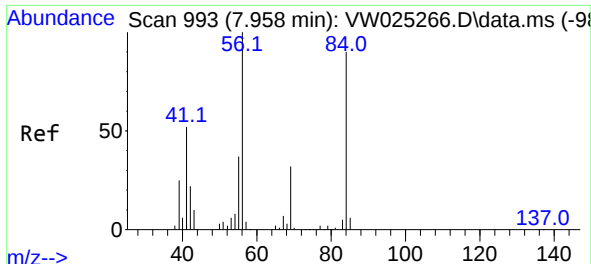
Tgt Ion: 83 Resp: 1073747
Ion Ratio Lower Upper
83 100
85 65.8 45.8 85.0



#27
1,2-Dichloroethane
Concen: 104.649 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 62 Resp: 680800
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0





#29

Cyclohexane

Concen: 101.014 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

Instrument :

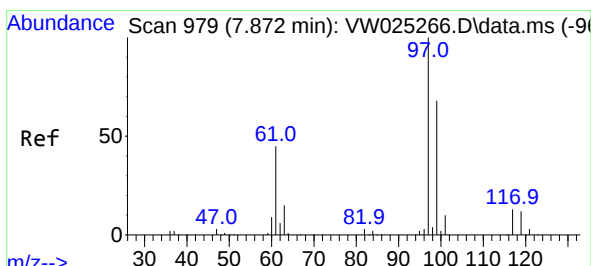
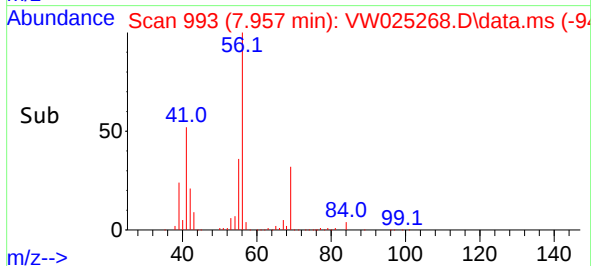
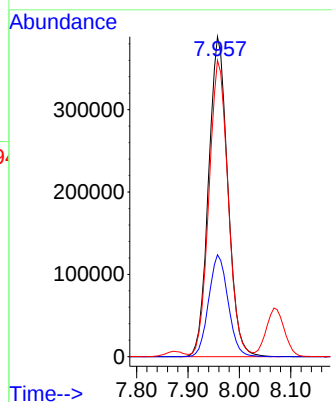
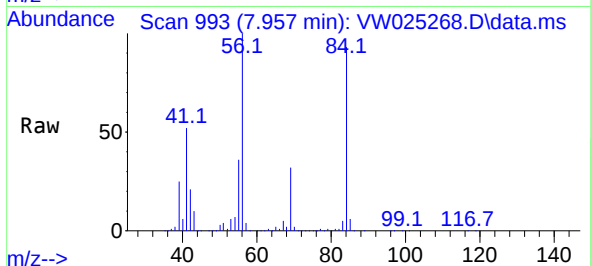
MSVOA_W

ClientSampleId :

VSTD100423

Tgt Ion: 56 Resp: 1009954

Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.1	37.7
84	92.4	73.2	109.8



#30

1,1,1-Trichloroethane

Concen: 97.343 ug/L

RT: 7.872 min Scan# 979

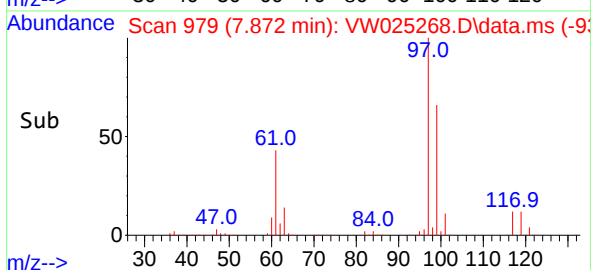
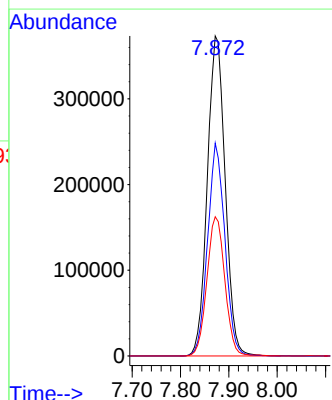
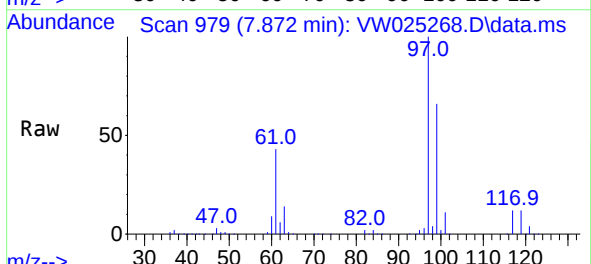
Delta R.T. -0.000 min

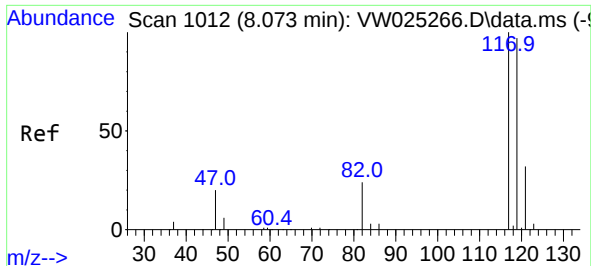
Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

Tgt Ion: 97 Resp: 958604

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	43.6	35.0	52.6

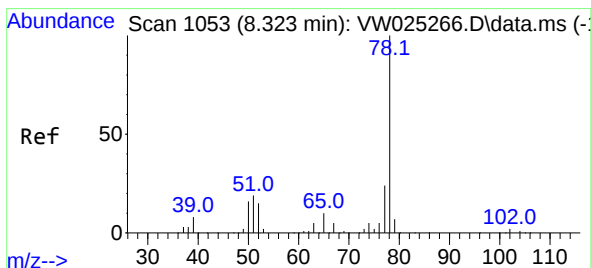
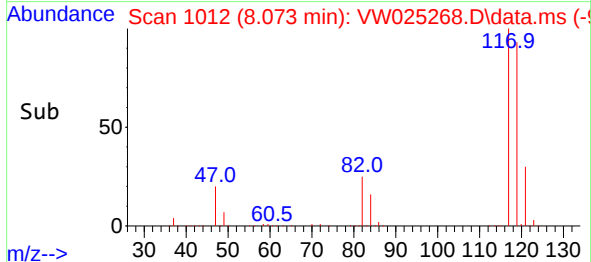
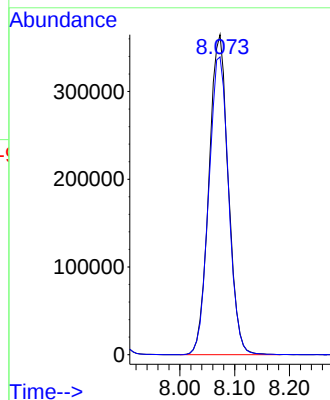
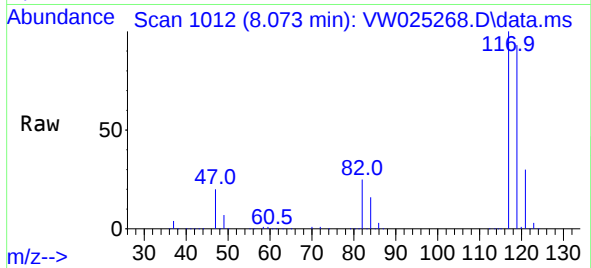




#31
Carbon tetrachloride
Concen: 97.728 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

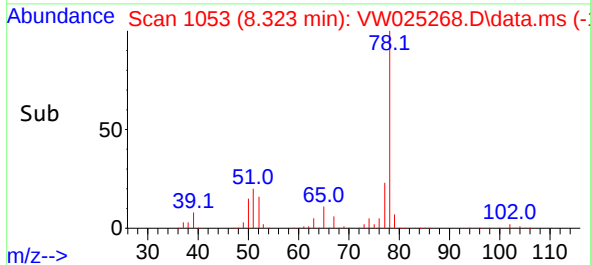
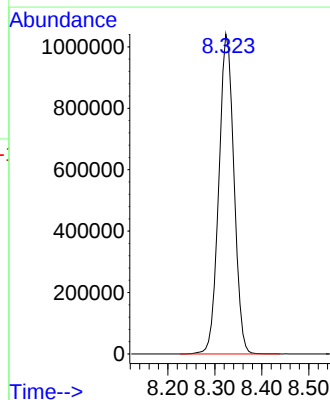
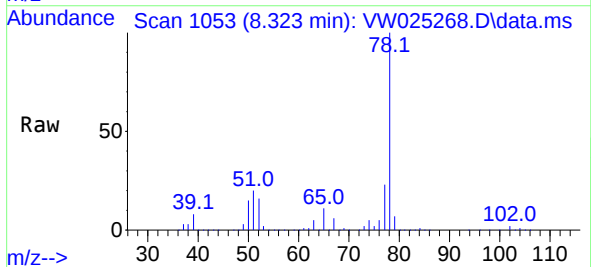
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

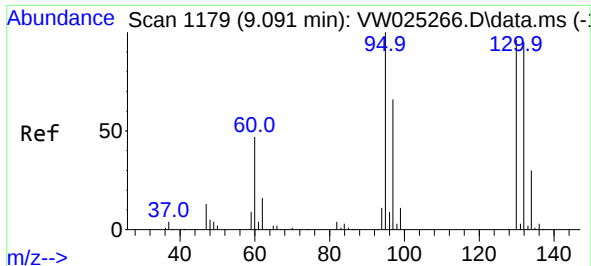
Tgt Ion:117 Resp: 890278
Ion Ratio Lower Upper
117 100
119 95.6 77.6 116.4



#33
Benzene
Concen: 97.303 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 78 Resp: 2337767

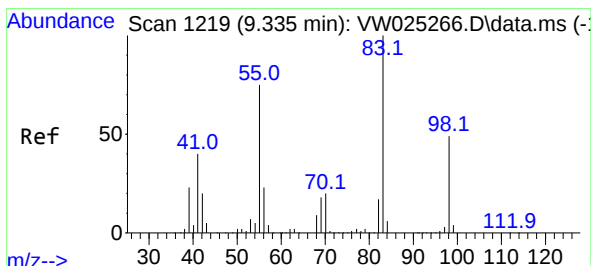
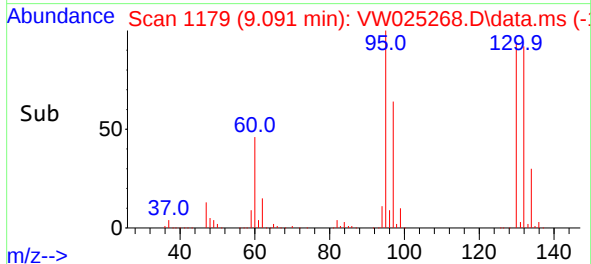
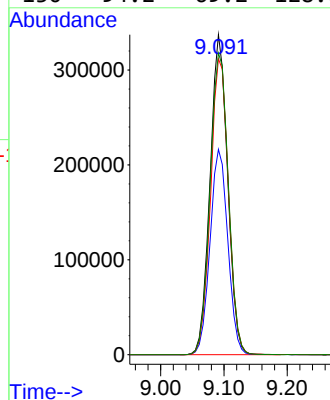
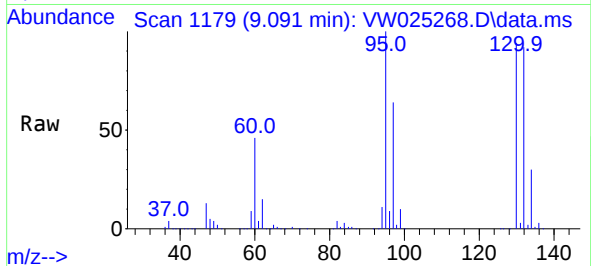




#34
Trichloroethene
Concen: 96.842 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

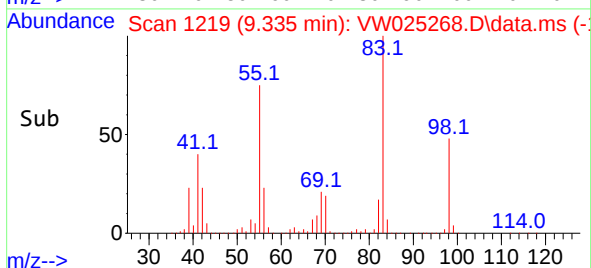
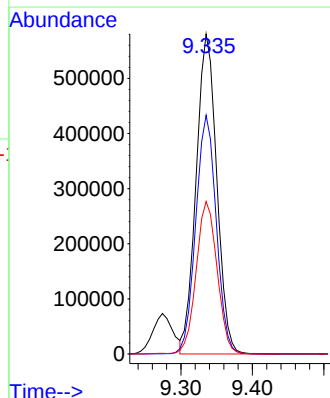
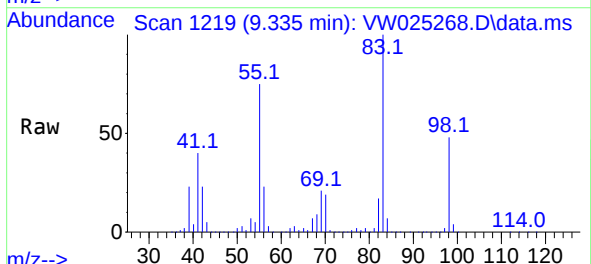
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

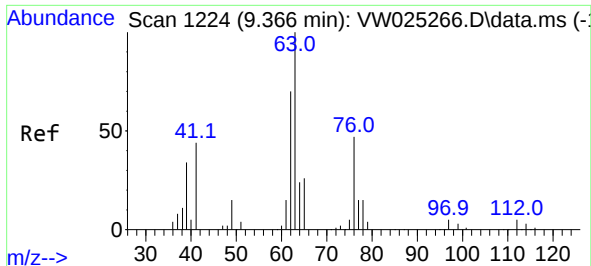
Tgt Ion: 95 Resp: 651714
Ion Ratio Lower Upper
95 100
97 64.2 45.4 84.2
132 92.4 67.1 124.5
130 94.2 69.2 128.6



#35
Methylcyclohexane
Concen: 96.736 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 83 Resp: 1162018
Ion Ratio Lower Upper
83 100
55 74.3 58.8 88.2
98 48.4 39.5 59.3

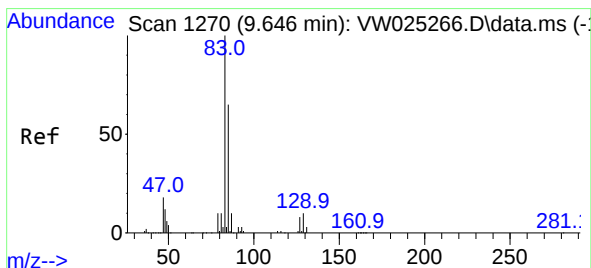
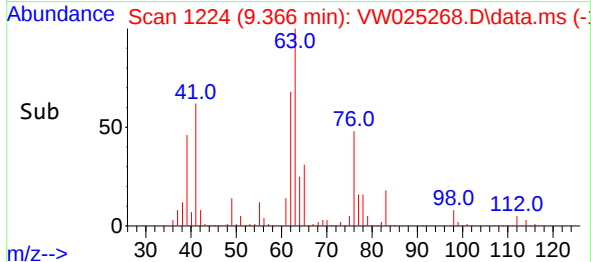
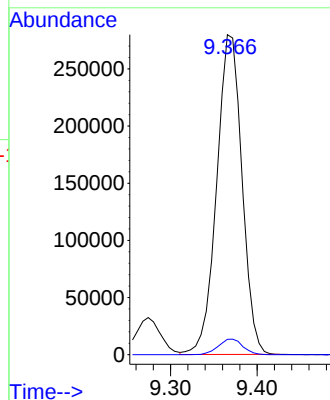
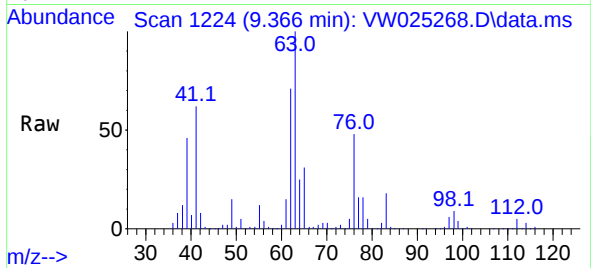




#37
1,2-Dichloropropane
Concen: 95.918 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

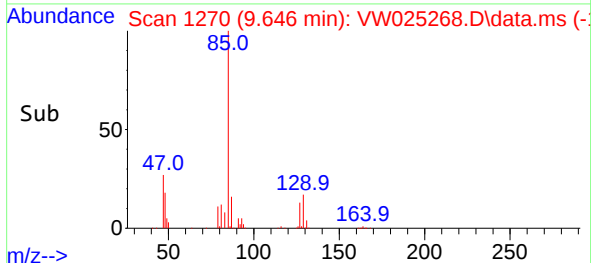
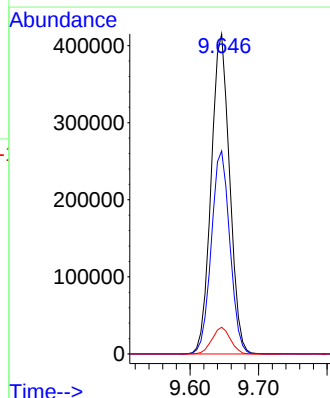
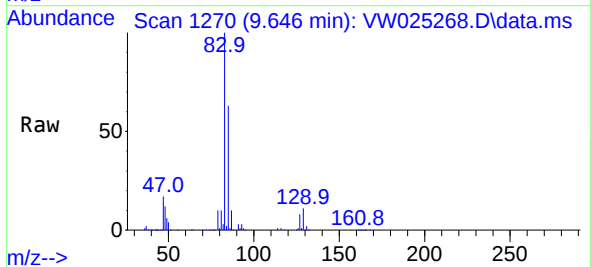
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

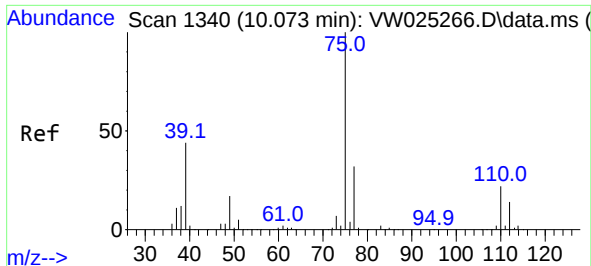
Tgt Ion: 63 Resp: 568367
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8



#38
Bromodichloromethane
Concen: 98.435 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 83 Resp: 775583
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.4
127 8.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 101.921 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :

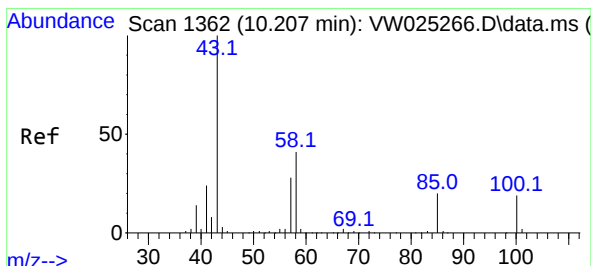
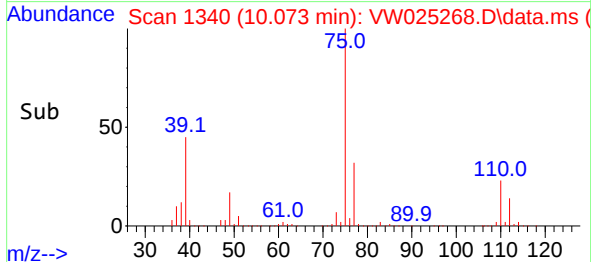
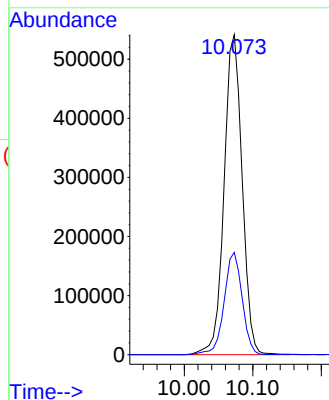
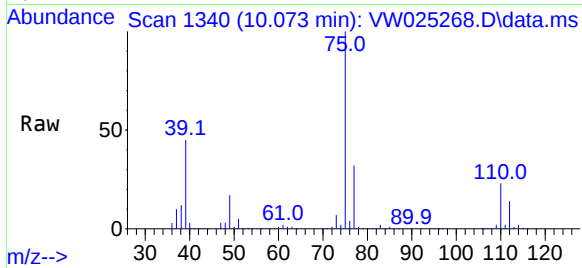
VSTD100423

Tgt Ion: 75 Resp: 988855

Ion Ratio Lower Upper

75 100

77 31.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 205.978 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

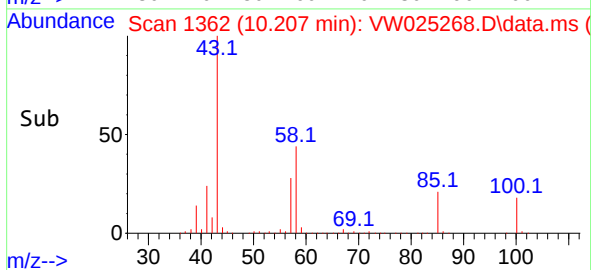
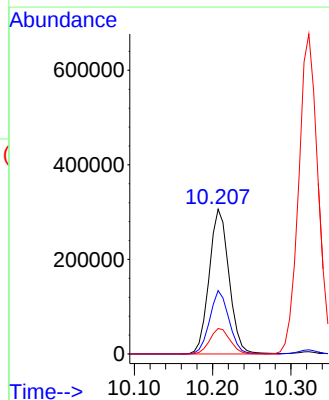
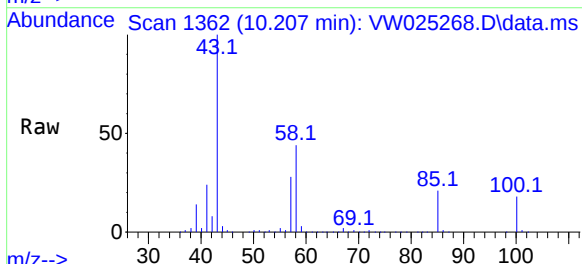
Tgt Ion: 43 Resp: 538906

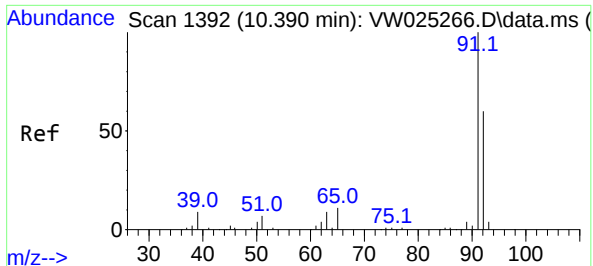
Ion Ratio Lower Upper

43 100

58 42.6 34.1 51.1

100 18.0 14.5 21.7





#42

Toluene

Concen: 89.615 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :

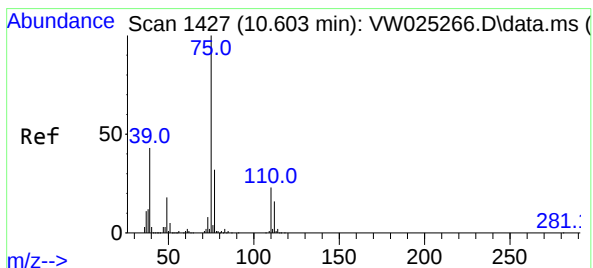
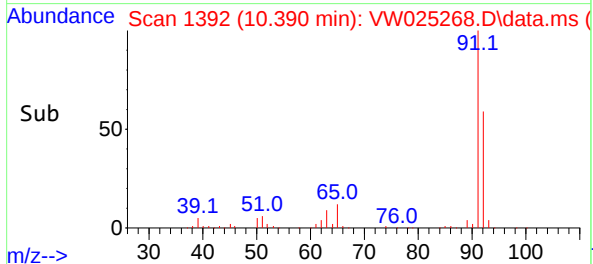
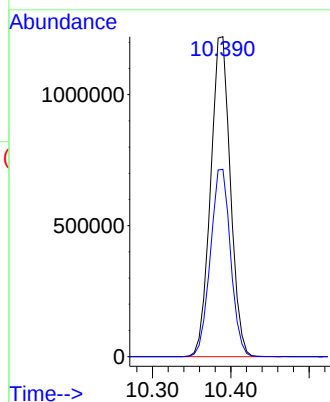
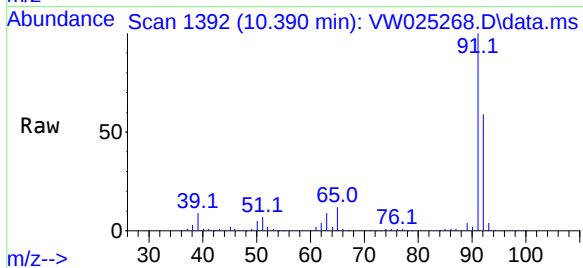
VSTD100423

Tgt Ion: 91 Resp: 2141077

Ion Ratio Lower Upper

91 100

92 58.6 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 92.432 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025268.D

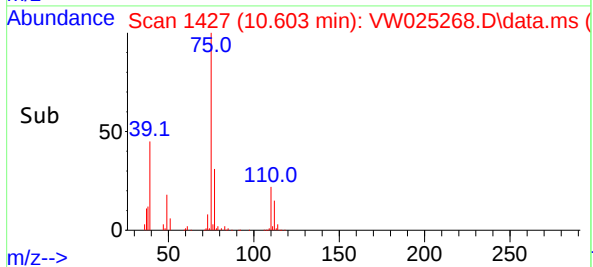
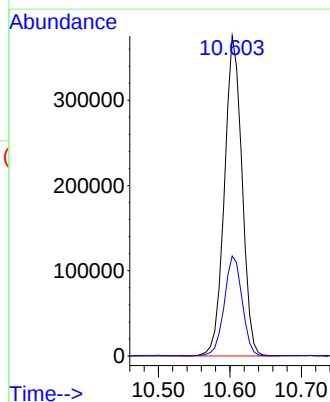
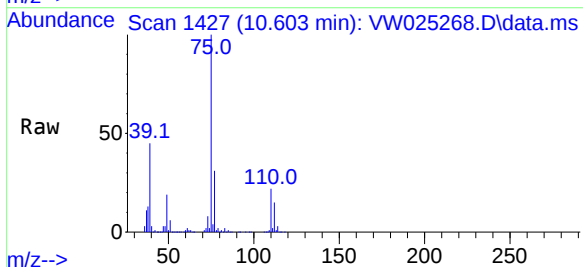
Acq: 03 Feb 2023 09:54

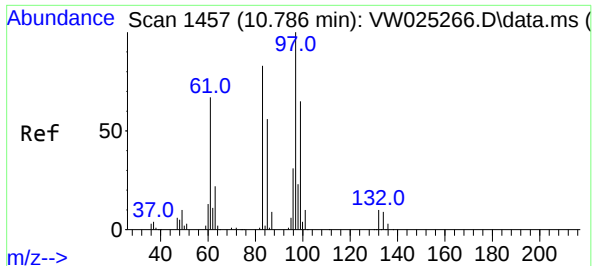
Tgt Ion: 75 Resp: 639243

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 91.320 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD100423

Tgt Ion: 97 Resp: 341036

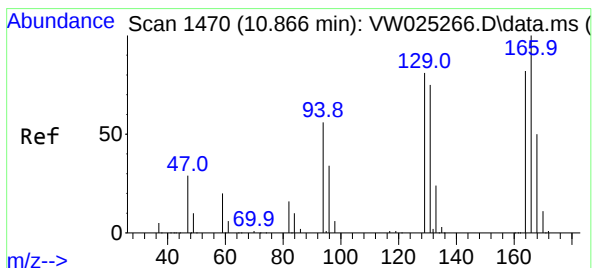
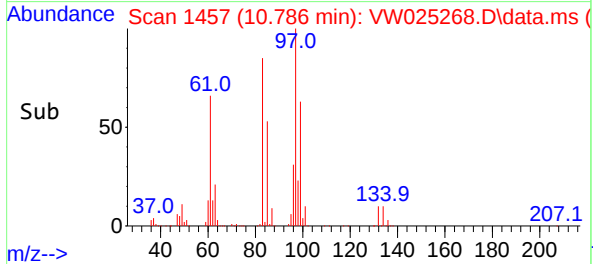
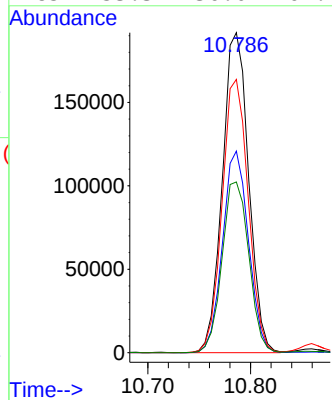
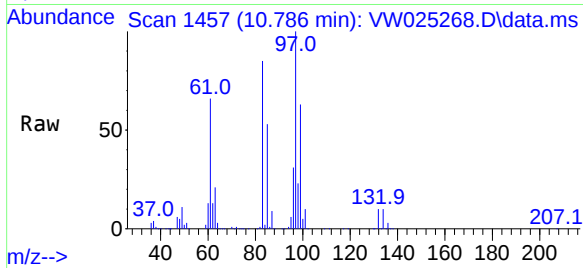
Ion Ratio Lower Upper

97 100

99 63.0 41.4 76.8

83 85.4 54.0 100.4

85 53.3 36.0 67.0



#46

Tetrachloroethene

Concen: 85.736 ug/L

RT: 10.865 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

Tgt Ion:164 Resp: 368730

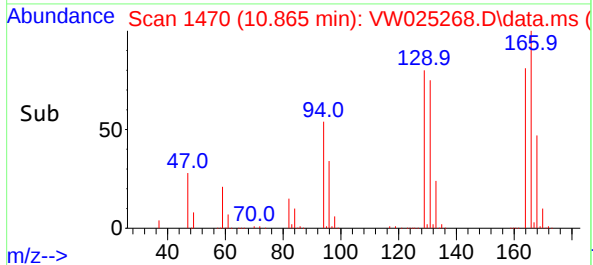
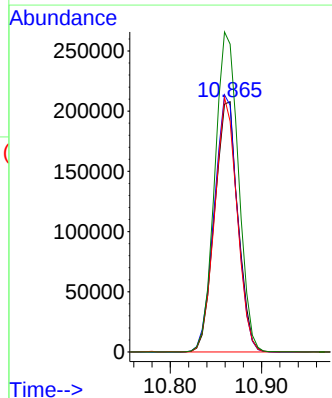
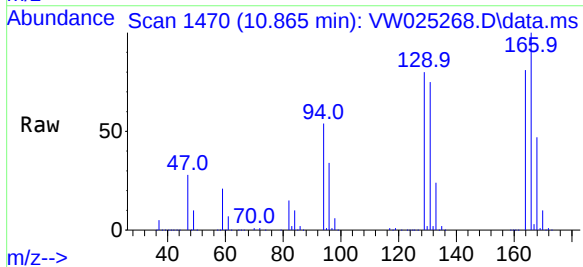
Ion Ratio Lower Upper

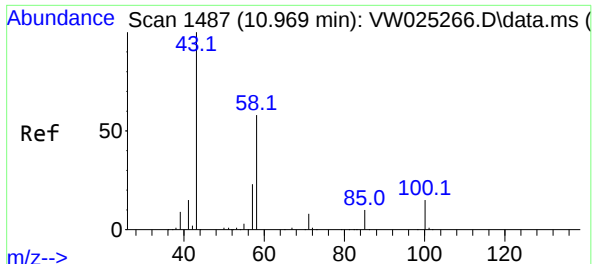
164 100

129 98.6 74.1 137.5

131 92.1 72.3 134.3

166 123.0 86.3 160.3



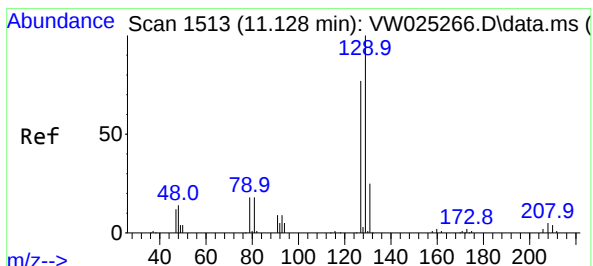
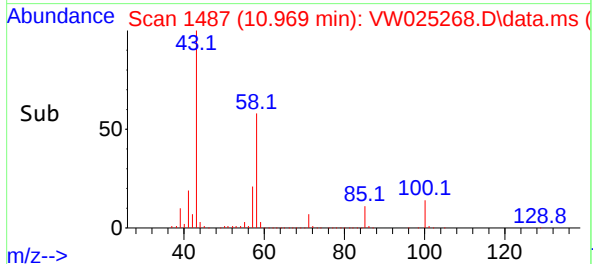
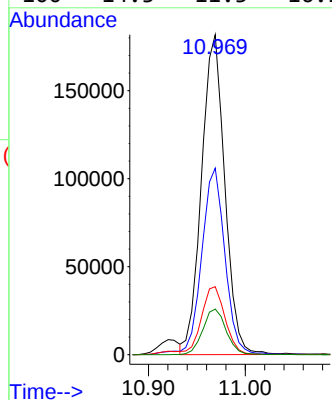
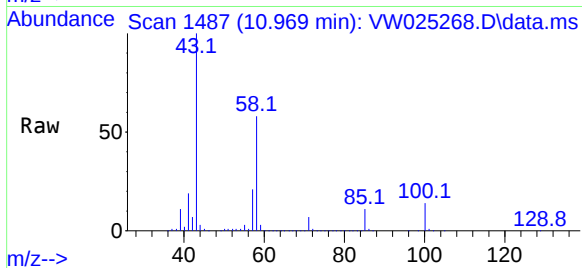


#48
2-Hexanone
Concen: 184.892 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

Tgt Ion: 43 Resp: 305330

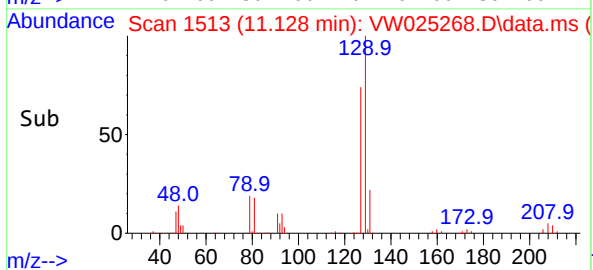
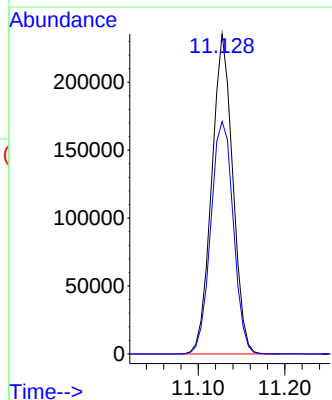
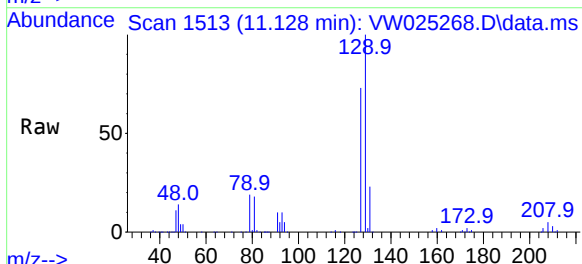
Ion	Ratio	Lower	Upper
43	100		
58	57.5	46.3	69.5
57	21.6	16.5	24.7
100	14.3	11.3	16.9

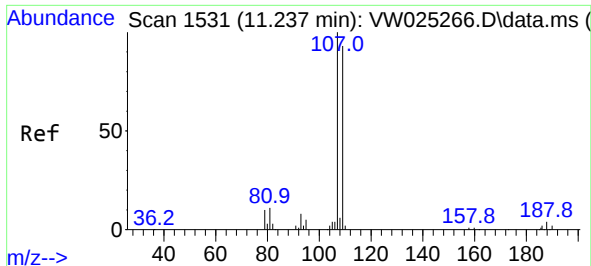


#49
Dibromochloromethane
Concen: 94.216 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 129 Resp: 397405

Ion	Ratio	Lower	Upper
129	100		
127	72.6	54.8	101.8

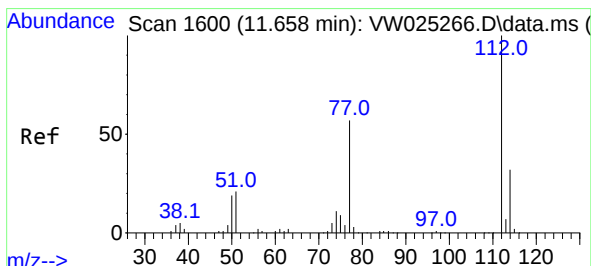
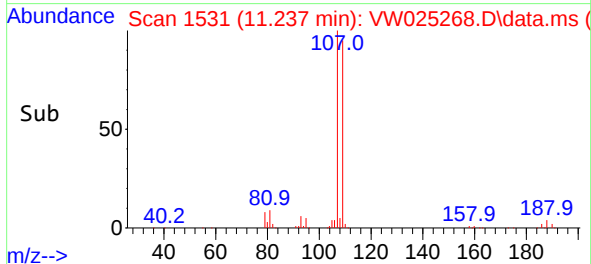
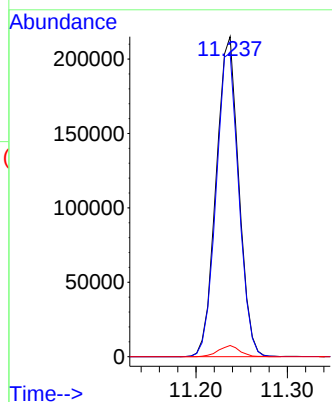
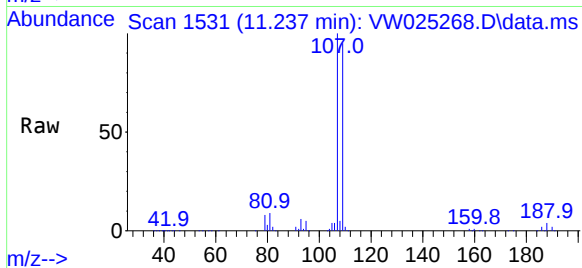




#50
1,2-Dibromoethane
Concen: 108.139 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

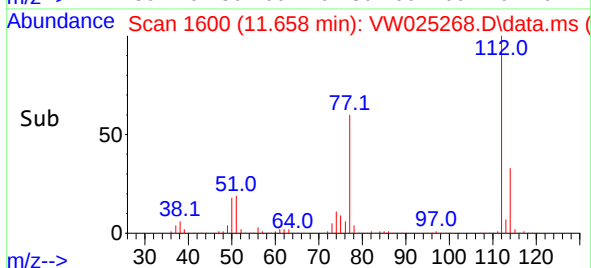
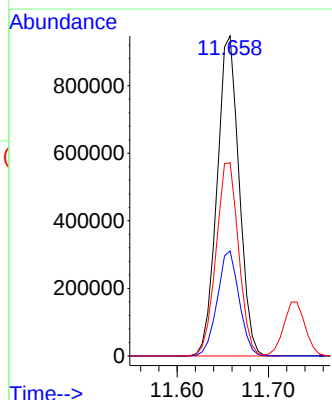
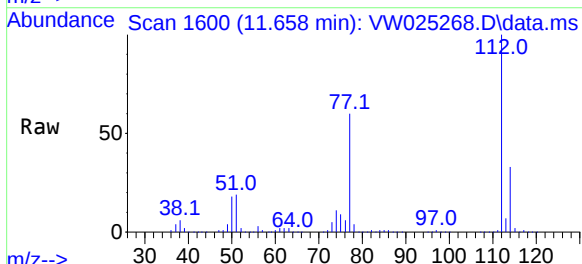
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

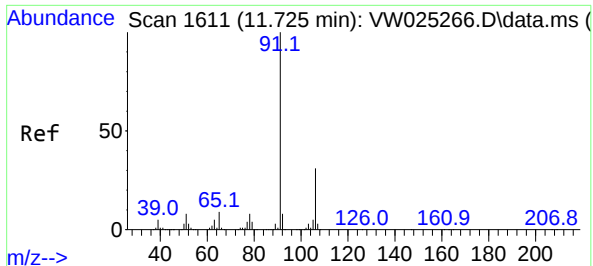
Tgt Ion:107 Resp: 369946
Ion Ratio Lower Upper
107 100
109 94.9 65.0 120.6
188 3.5 2.3 3.5#



#51
Chlorobenzene
Concen: 101.017 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion:112 Resp: 1588325
Ion Ratio Lower Upper
112 100
114 32.8 21.7 40.3
77 60.4 46.2 69.4

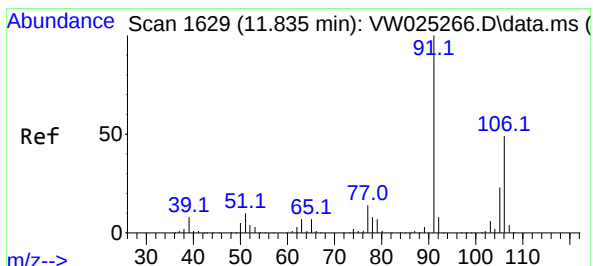
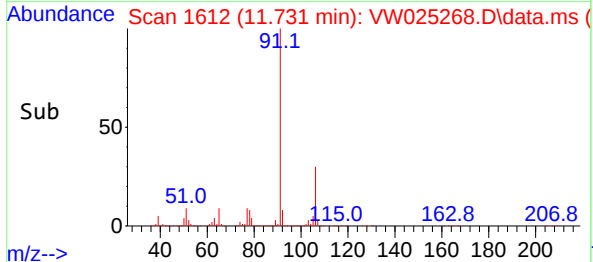
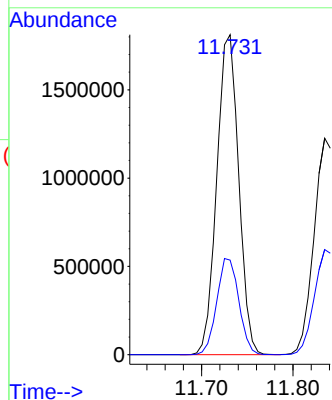
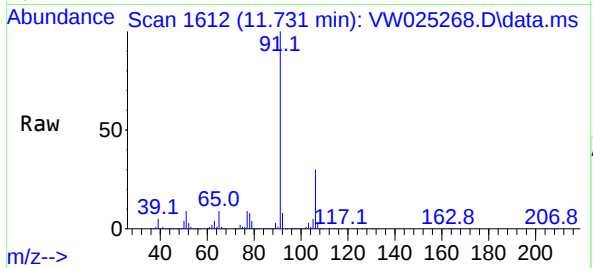




#52
Ethylbenzene
Concen: 105.380 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

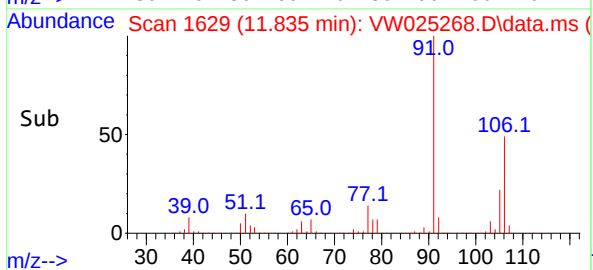
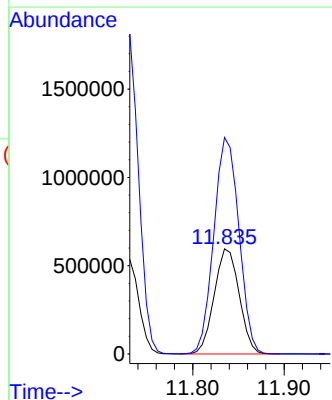
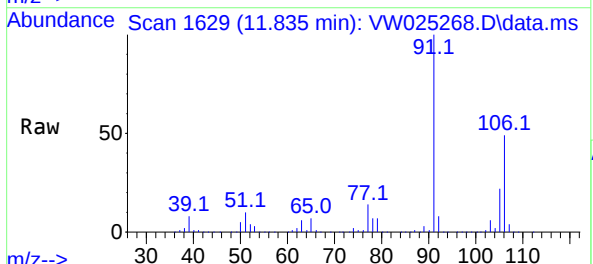
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

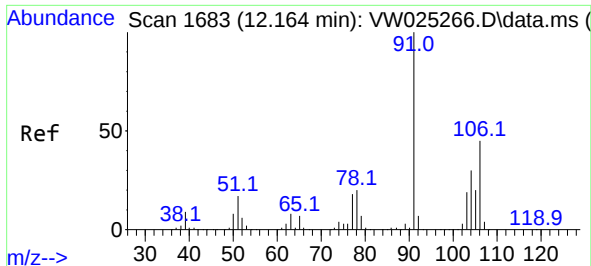
Tgt Ion: 91 Resp: 3016600
Ion Ratio Lower Upper
91 100
106 29.6 21.1 39.1



#53
m,p-Xylene
Concen: 104.298 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion:106 Resp: 1131526
Ion Ratio Lower Upper
106 100
91 205.9 143.4 266.4

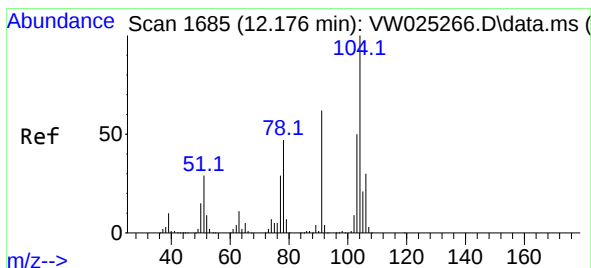
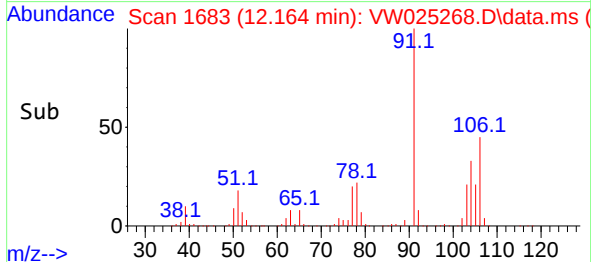
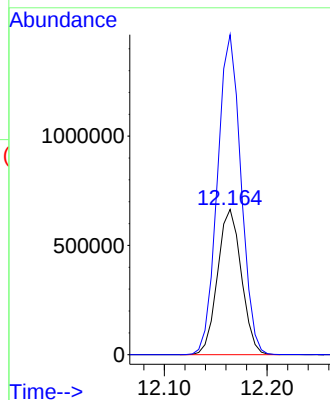
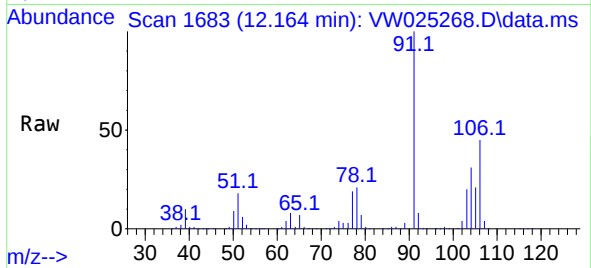




#54
o-Xylene
Concen: 97.985 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

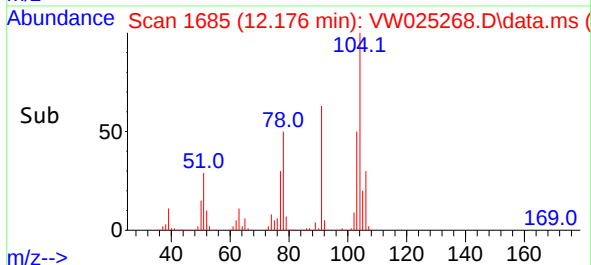
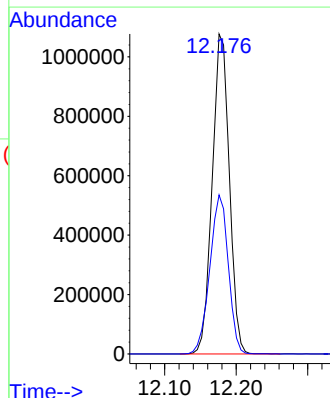
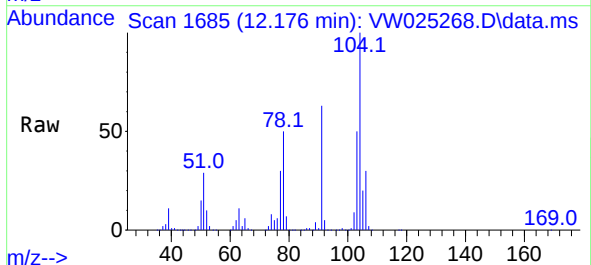
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

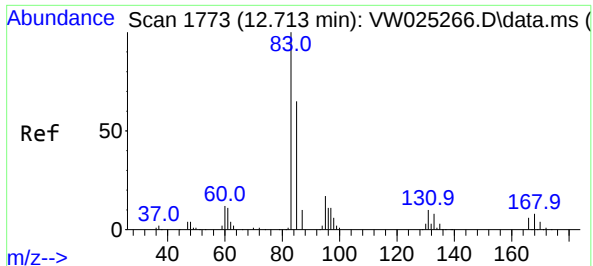
Tgt Ion:106 Resp: 1070131
Ion Ratio Lower Upper
106 100
91 220.3 157.6 292.8



#55
Styrene
Concen: 96.825 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion:104 Resp: 1790486
Ion Ratio Lower Upper
104 100
78 49.7 32.8 60.8

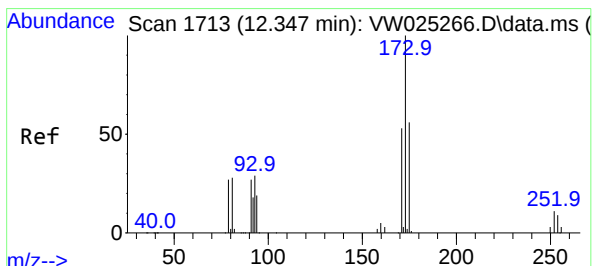
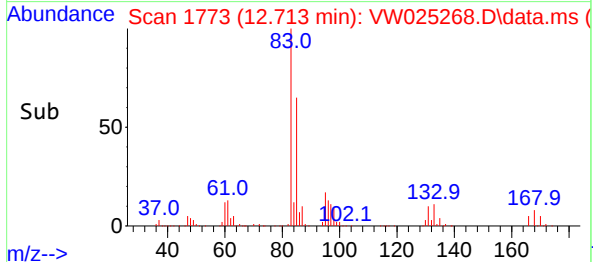
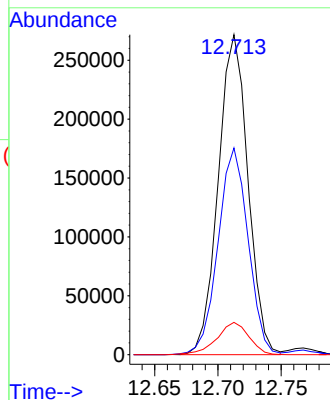
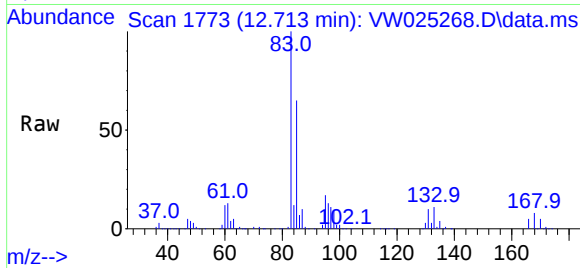




#57
1,1,2,2-Tetrachloroethane
Concen: 99.677 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

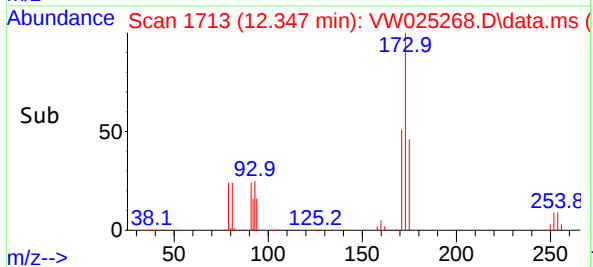
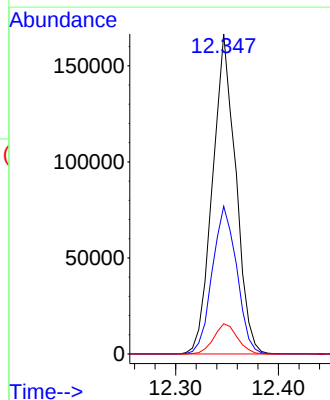
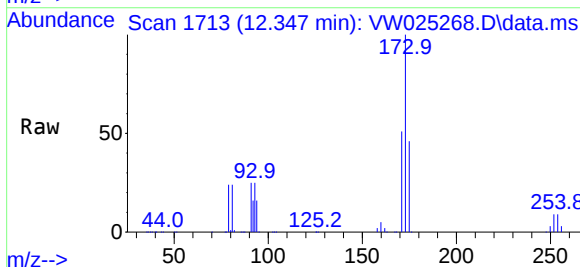
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

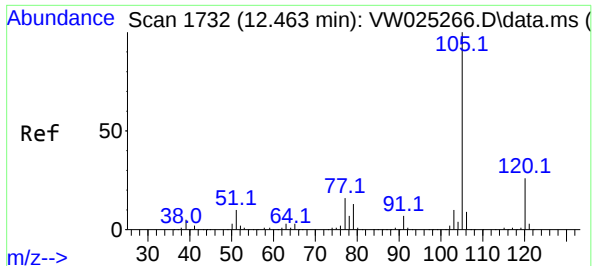
Tgt Ion:	83	Resp:	443535
Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.7	83.1
131	10.1	7.8	11.6



#59
Bromoform
Concen: 112.199 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion:	173	Resp:	261246
Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.6	58.0
254	9.6	7.0	10.4

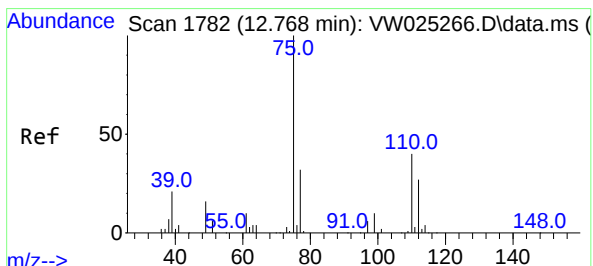
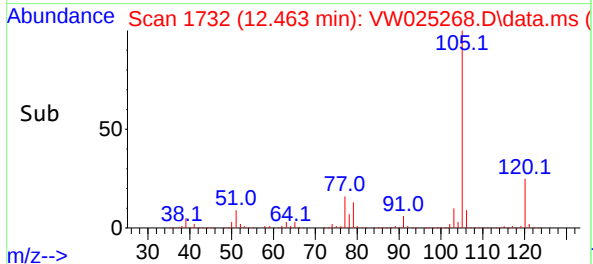
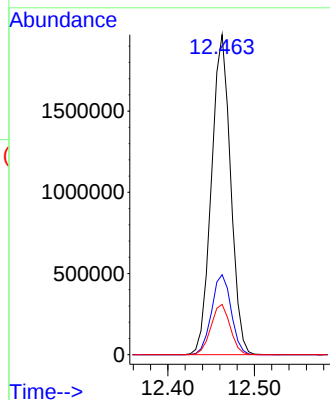
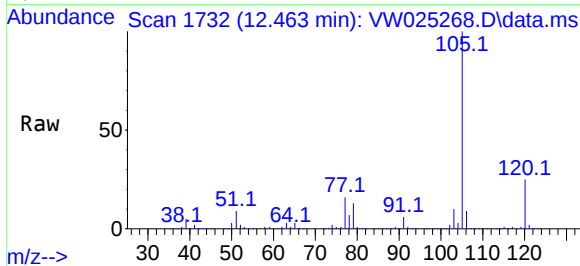




#60
Isopropylbenzene
Concen: 108.800 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

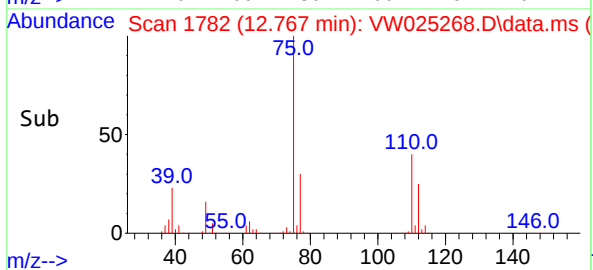
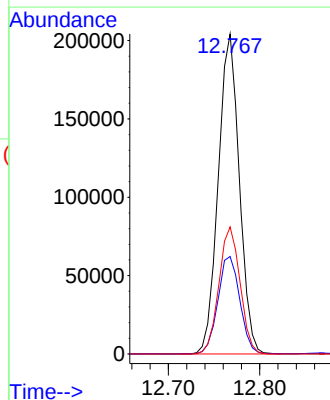
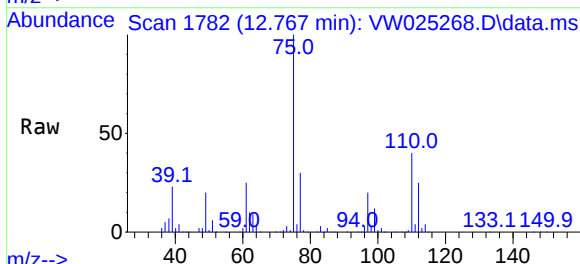
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

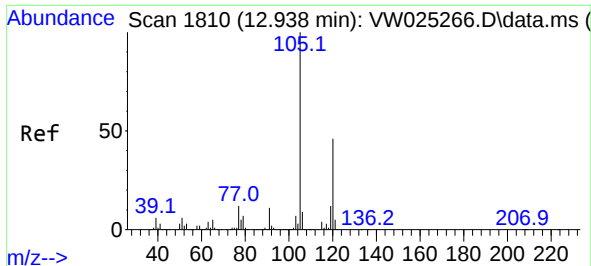
Tgt Ion:105 Resp: 3023926
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 112.162 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion: 75 Resp: 327285
Ion Ratio Lower Upper
75 100
77 31.8 26.7 40.1
110 39.8 33.2 49.8





#62

1,3,5-Trimethylbenzene

Concen: 112.093 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :

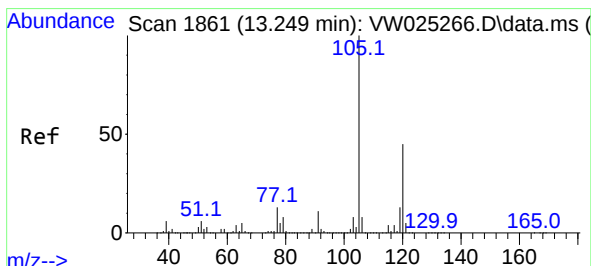
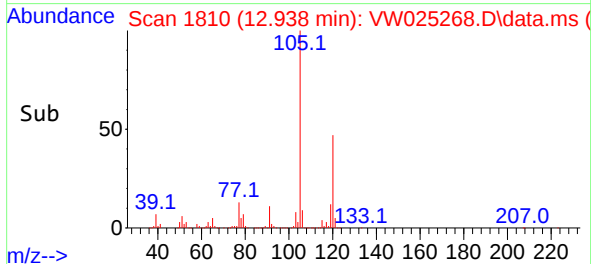
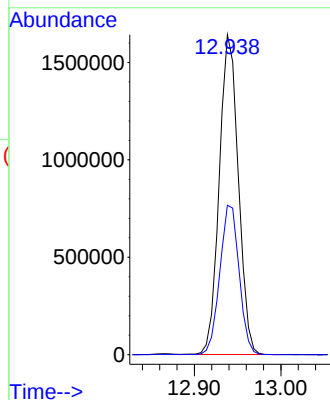
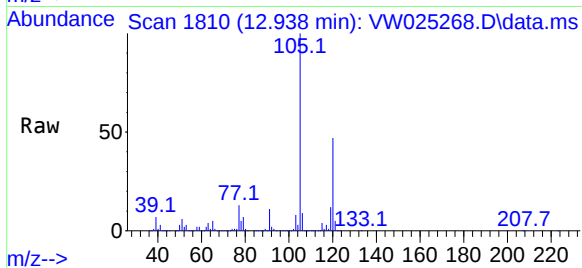
VSTD100423

Tgt Ion:105 Resp: 2511645

Ion Ratio Lower Upper

105 100

120 47.3 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 107.844 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025268.D

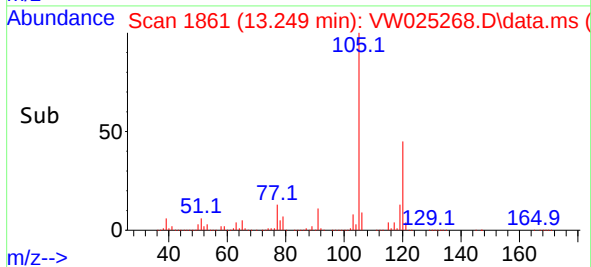
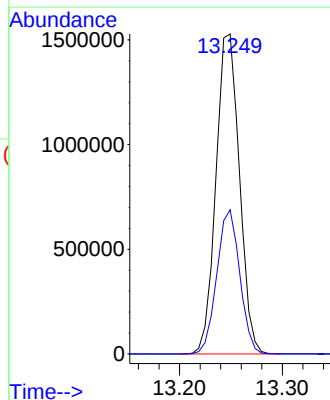
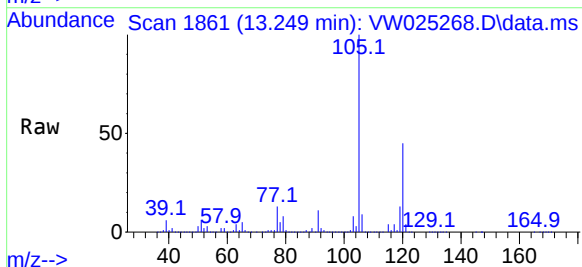
Acq: 03 Feb 2023 09:54

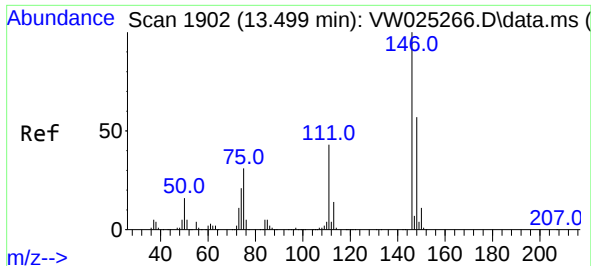
Tgt Ion:105 Resp: 2421241

Ion Ratio Lower Upper

105 100

120 44.0 35.0 52.4

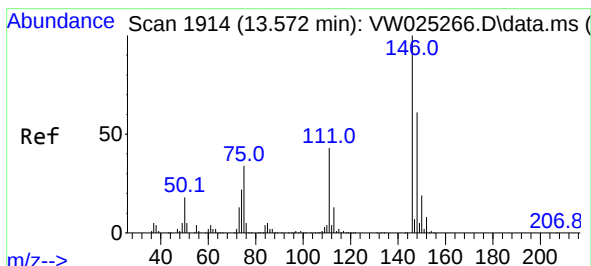
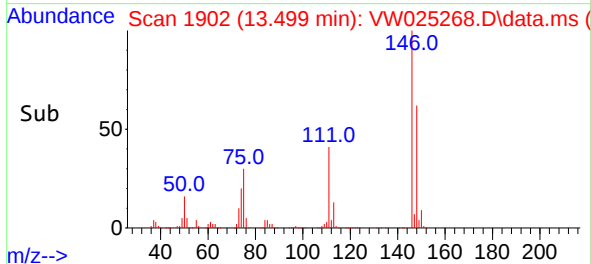
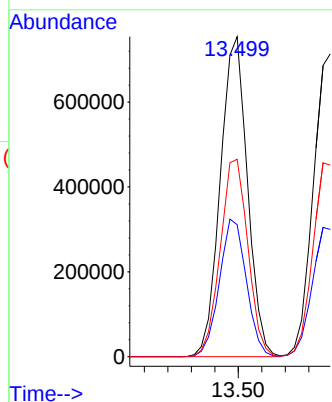
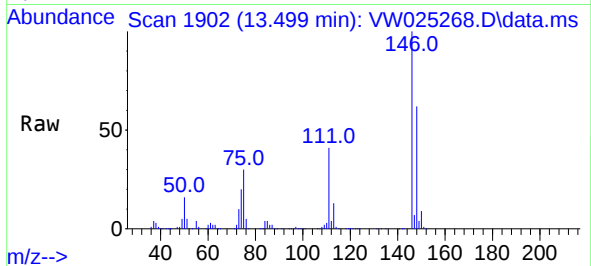




#64
1,3-Dichlorobenzene
Concen: 104.974 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

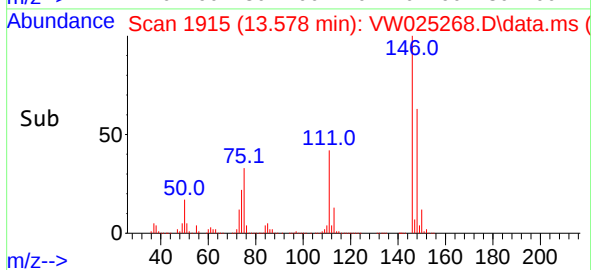
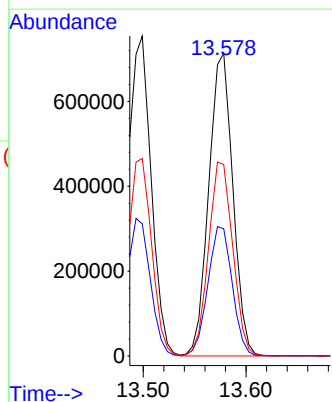
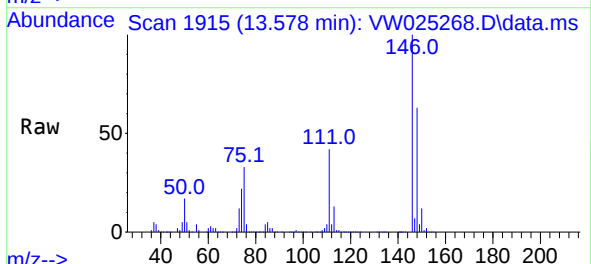
Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

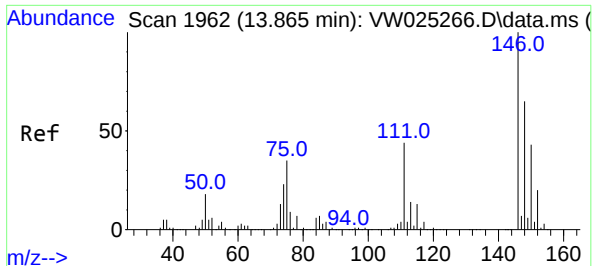
Tgt Ion:146 Resp: 1208785
Ion Ratio Lower Upper
146 100
111 41.2 29.0 53.8
148 61.7 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 102.172 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion:146 Resp: 1160991
Ion Ratio Lower Upper
146 100
111 42.0 29.3 54.3
148 63.2 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 102.846 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTD100423

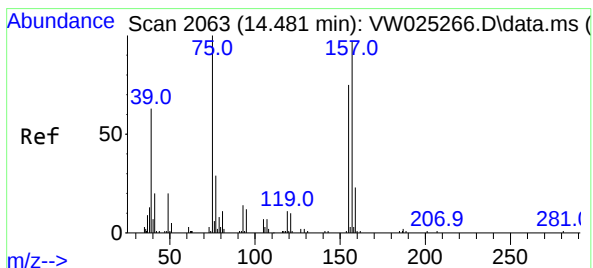
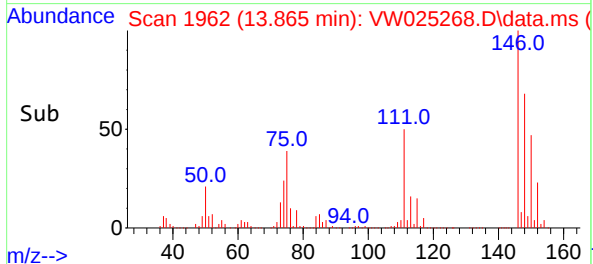
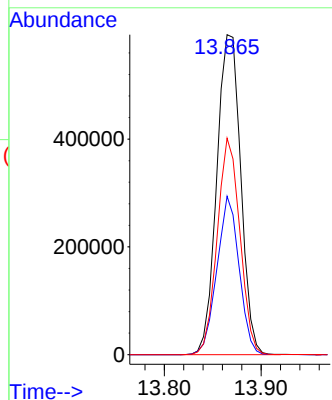
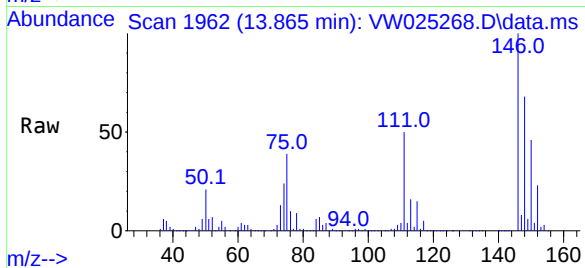
Tgt Ion:146 Resp: 1020579

Ion Ratio Lower Upper

146 100

111 49.5 36.2 54.2

148 67.6 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 109.399 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025268.D

Acq: 03 Feb 2023 09:54

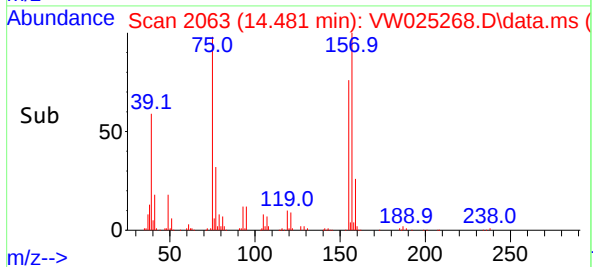
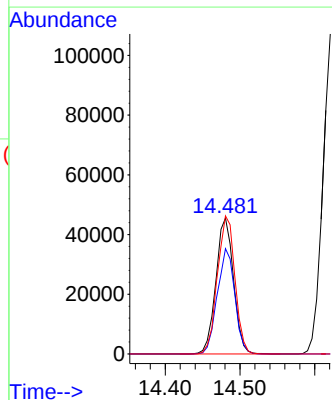
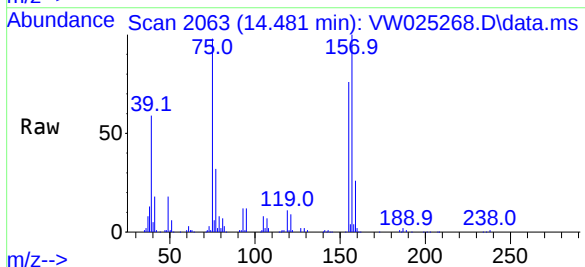
Tgt Ion: 75 Resp: 74557

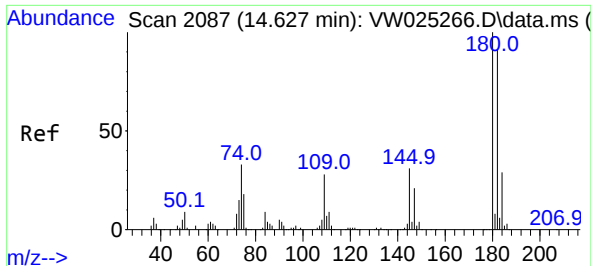
Ion Ratio Lower Upper

75 100

155 77.5 63.4 95.2

157 101.7 82.5 123.7



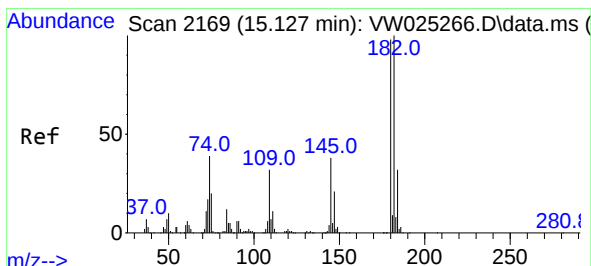
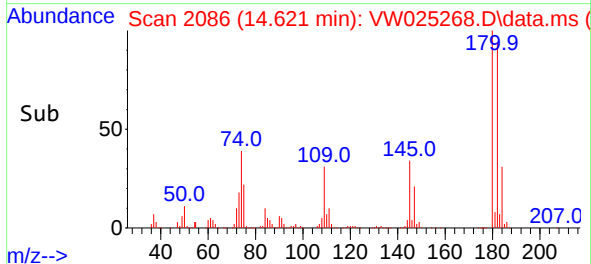
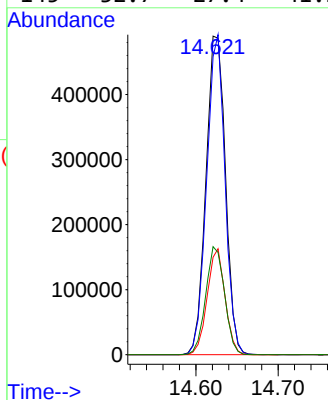
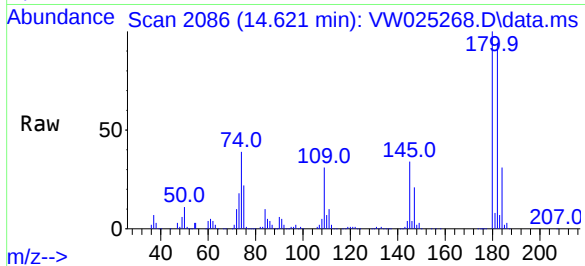


#69
1,3,5-Trichlorobenzene
Concen: 108.083 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

Tgt Ion:180 Resp: 809373

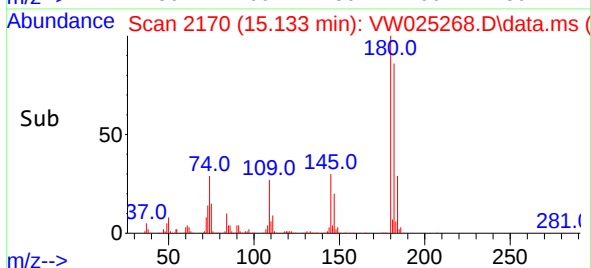
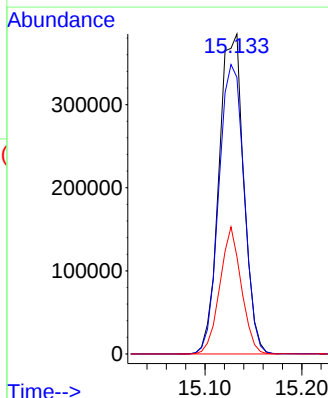
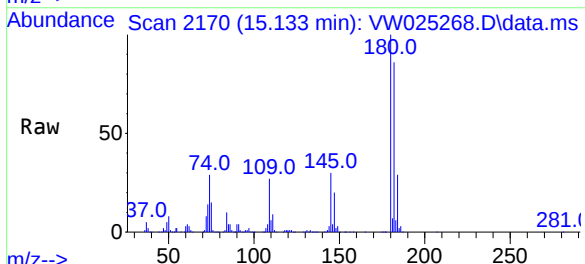
Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.7	116.5
184	30.5	24.4	36.6
145	32.7	27.4	41.2

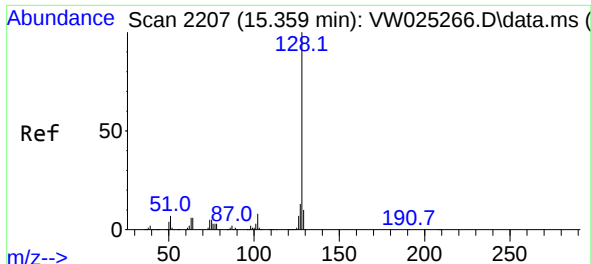


#70
1,2,4-trichlorobenzene
Concen: 111.886 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion:180 Resp: 682233

Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.4	114.6
145	34.4	27.4	41.2

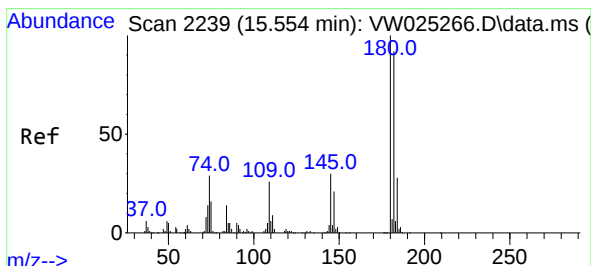
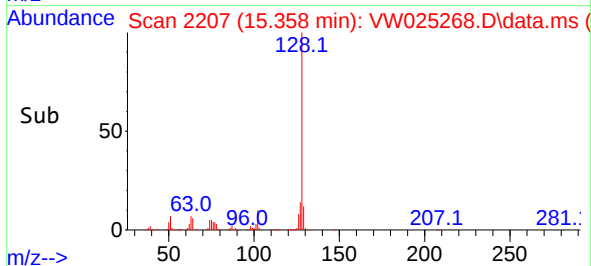
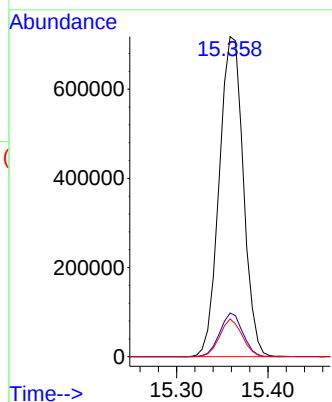
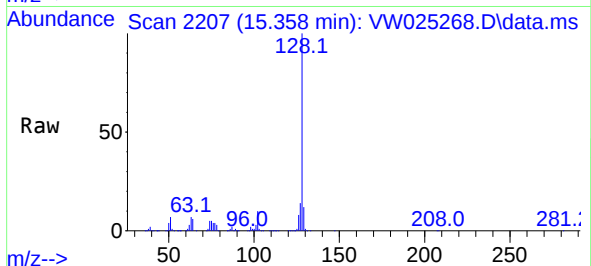




#71
Naphthalene
Concen: 118.010 ug/L
RT: 15.358 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTD100423

Tgt Ion:128 Resp: 1315413
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 110.578 ug/L
RT: 15.547 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW025268.D
Acq: 03 Feb 2023 09:54

Tgt Ion:180 Resp: 578936
Ion Ratio Lower Upper
180 100
182 95.0 75.1 112.7
145 35.0 28.8 43.2

