

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020323\
 Data File : VW025265.D
 Acq On : 03 Feb 2023 08:43
 Operator : SY/MD
 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Quant Time: Feb 03 11:16:00 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	366987	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	350495	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167636	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	19952	5.618	ug/L	0.00
7) Chloroethane-d5	2.897	69	17237	5.466	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	53152	5.398	ug/L	0.00
21) 2-Butanone-d5	7.092	46	9135	9.942	ug/L	0.00
24) Chloroform-d	7.647	84	53070	5.517	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	23829	5.086	ug/L	0.00
32) Benzene-d6	8.275	84	90160	4.244	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	30358	4.884	ug/L	0.00
41) Toluene-d8	10.323	98	97420	5.130	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	12288	5.291	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	6731	9.659	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20282	4.798	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	30051	5.167	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	18643	4.261	ug/L #	84
3) Chloromethane	2.221	50	25573	5.374	ug/L	99
5) Vinyl chloride	2.373	62	24993	5.148	ug/L	93
6) Bromomethane	2.794	94	17389	5.231	ug/L	92
8) Chloroethane	2.934	64	16148	5.328	ug/L	92
9) Trichlorofluoromethane	3.269	101	36381	5.210	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	24088	4.757	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	25551	5.083	ug/L	97
13) Acetone	4.147	43	10235	10.160	ug/L	89
14) Carbon disulfide	4.391	76	85435	5.201	ug/L	98
15) Methyl Acetate	4.678	43	4365	2.881	ug/L	92
16) Methylene chloride	4.921	84	36826	5.895	ug/L	84
17) trans-1,2-Dichloroethene	5.434	96	28055	5.197	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	38817	5.002	ug/L	99
19) 1,1-Dichloroethane	6.220	63	50142	5.217	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	29748	5.249	ug/L	99
22) 2-Butanone	7.177	43	12228	10.310	ug/L	87
23) Bromochloromethane	7.519	128	11603	4.970	ug/L	98
25) Chloroform	7.677	83	52519	5.312	ug/L	100
27) 1,2-Dichloroethane	8.403	62	26851	4.459	ug/L	98
29) Cyclohexane	7.964	56	38458	3.810	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	39596	3.983	ug/L	99
31) Carbon tetrachloride	8.067	117	37004	4.024	ug/L	97
33) Benzene	8.323	78	99057	4.084	ug/L	100
34) Trichloroethene	9.091	95	31798	4.680	ug/L	93
35) Methylcyclohexane	9.335	83	54682	4.509	ug/L	98
37) 1,2-Dichloropropane	9.366	63	27303	4.564	ug/L	97
38) Bromodichloromethane	9.640	83	34732	4.366	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	41144	4.201	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	21057	7.972	ug/L	97
42) Toluene	10.384	91	120484	4.995	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	32959	4.721	ug/L	99

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Quant Time: Feb 03 11:16:00 2023
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 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:15:18 2023
 Response via : Initial Calibration

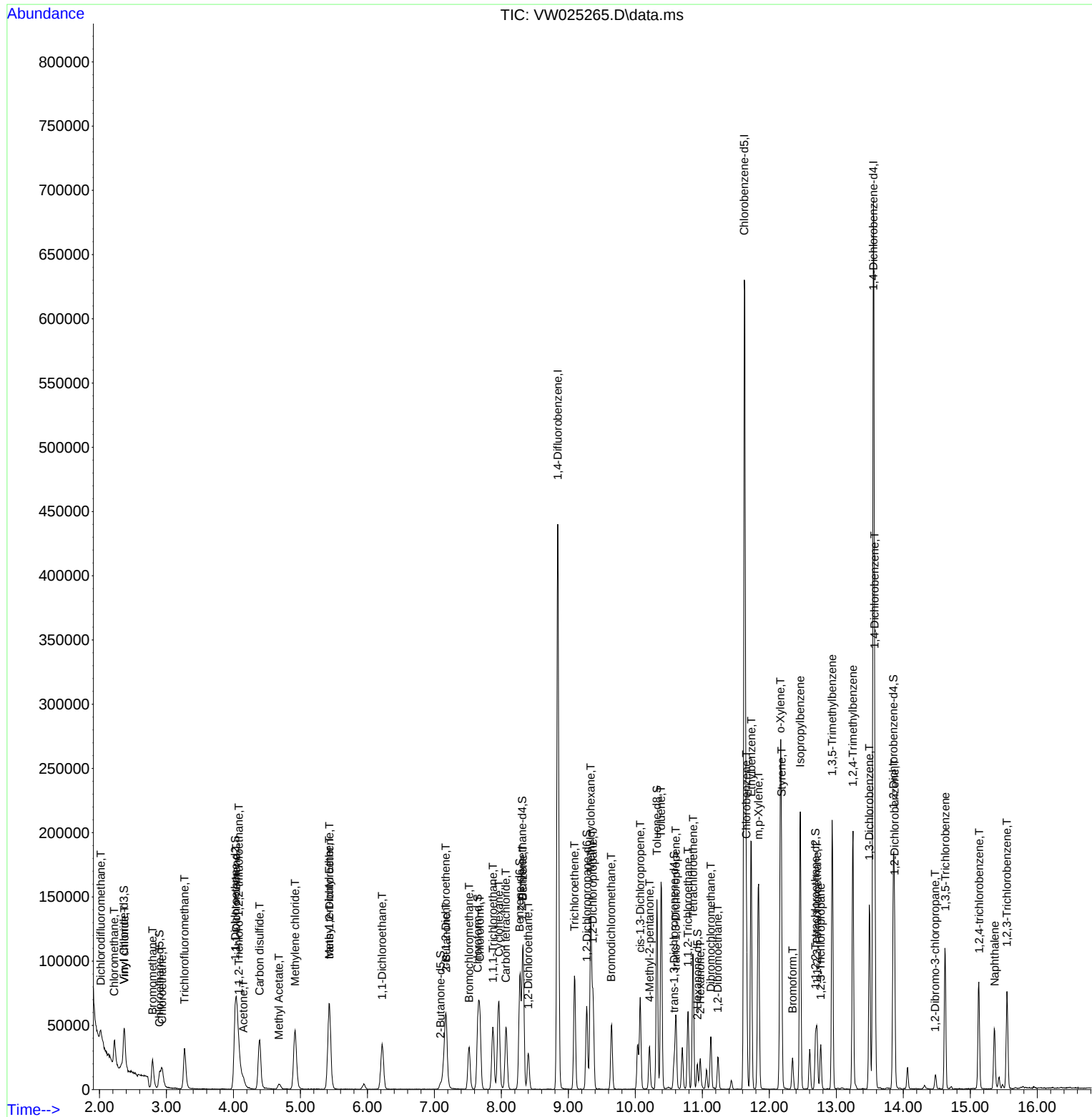
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	18610	4.936	ug/L	93
46) Tetrachloroethene	10.866	164	22541	5.192	ug/L	92
48) 2-Hexanone	10.969	43	14980	8.985	ug/L	99
49) Dibromochloromethane	11.128	129	21269	4.995	ug/L	99
50) 1,2-Dibromoethane	11.231	107	17304	5.010	ug/L #	100
51) Chlorobenzene	11.658	112	78052	4.917	ug/L	100
52) Ethylbenzene	11.731	91	139450	4.825	ug/L	98
53) m,p-Xylene	11.841	106	52697	4.811	ug/L	96
54) o-Xylene	12.164	106	48927	4.438	ug/L	93
55) Styrene	12.182	104	83677	4.482	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	20406	4.543	ug/L	97
59) Bromoform	12.347	173	10592	4.453	ug/L	98
60) Isopropylbenzene	12.463	105	137492	4.843	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	14213	4.769	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	111699	4.880	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	108330	4.724	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	57550	4.893	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	58280	5.021	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	49591	4.892	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.475	75	3309	4.753	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	31333	4.096	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	26026	4.179	ug/L	97
71) Naphthalene	15.365	128	40896	3.592	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	22424	4.193	ug/L	98

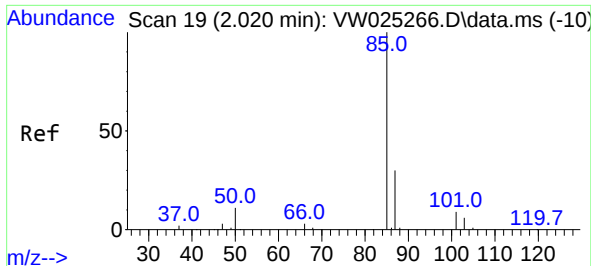
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ClientSampleId :
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Quant Title : SFAM01.0
QLast Update : Fri Feb 03 11:15:18 2023
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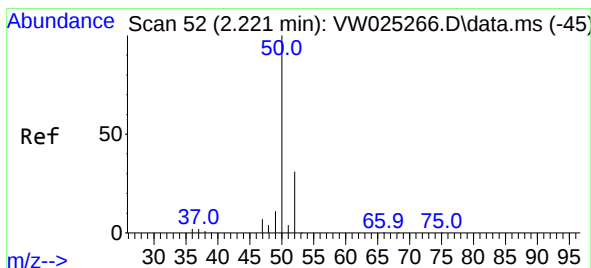
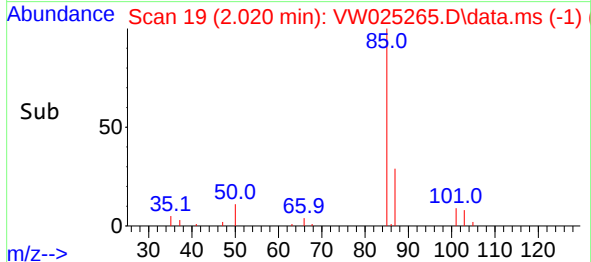
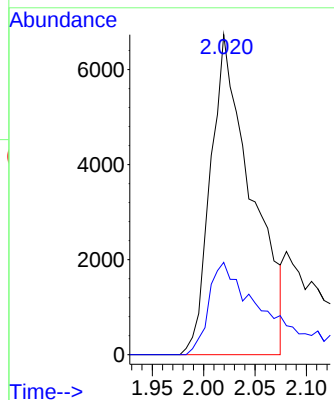
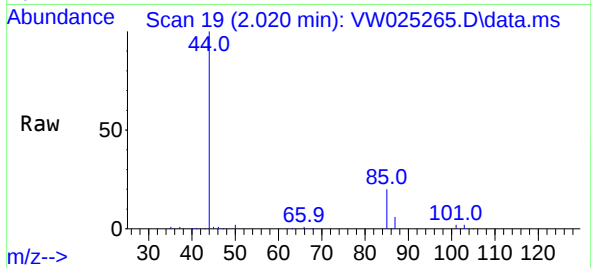




#2
Dichlorodifluoromethane
Concen: 4.261 ug/L
RT: 2.020 min Scan# 19
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

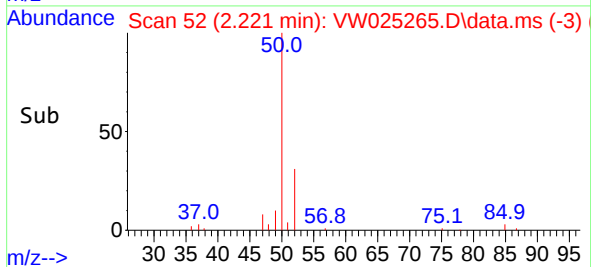
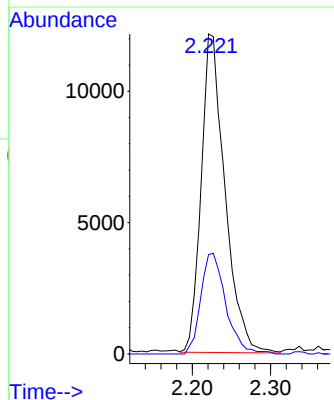
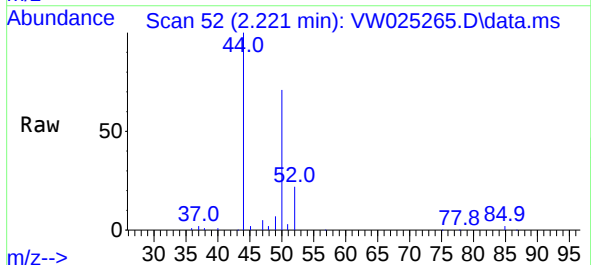
Instrument : MSVOA_W
ClientSampleId : VSTD005420

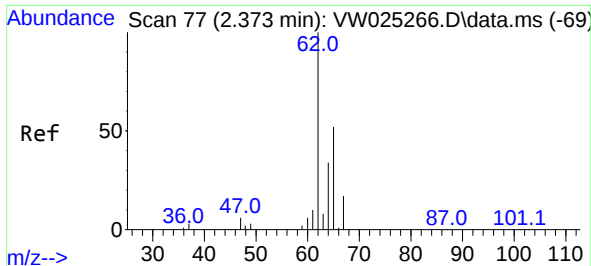
Tgt Ion: 85 Resp: 18643
Ion Ratio Lower Upper
85 100
87 20.7 23.3 34.9#



#3
Chloromethane
Concen: 5.374 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 50 Resp: 25573
Ion Ratio Lower Upper
50 100
52 31.0 22.0 40.8

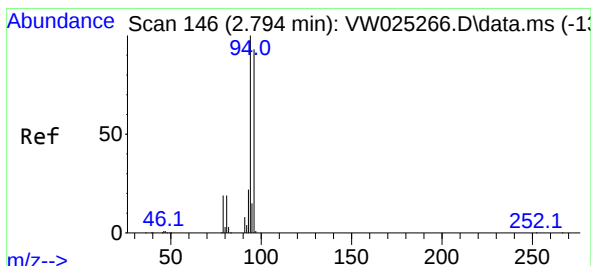
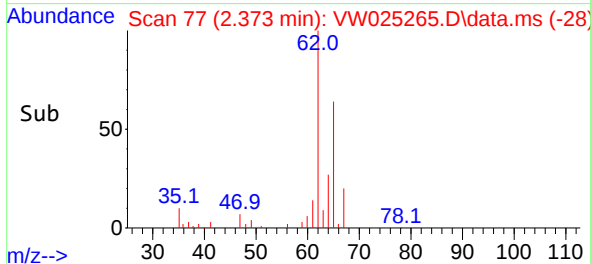
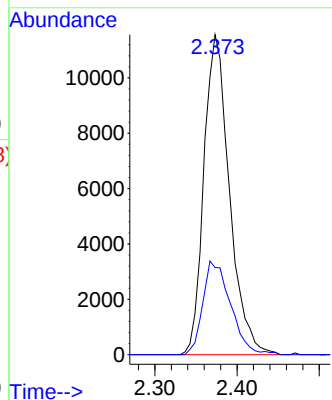
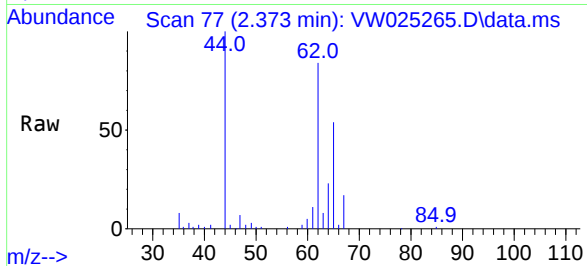




#5
 Vinyl chloride
 Concen: 5.148 ug/L
 RT: 2.373 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW025265.D
 Acq: 03 Feb 2023 08:43

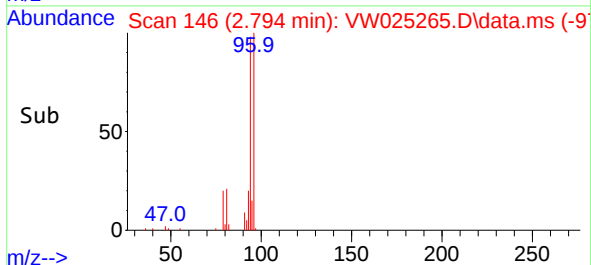
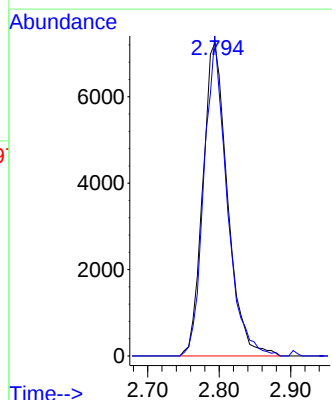
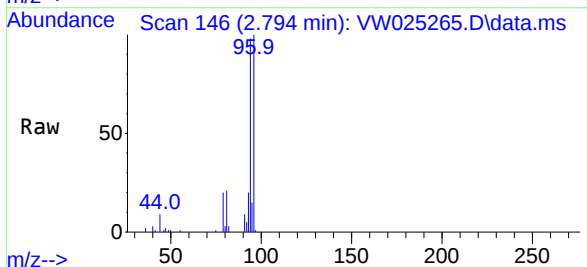
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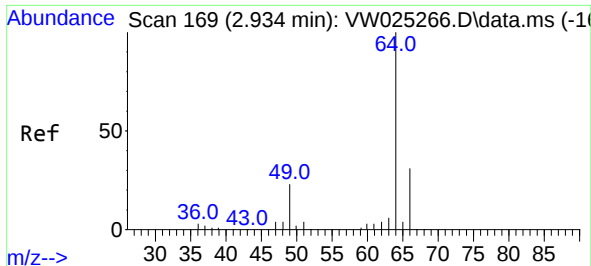
Tgt Ion: 62 Resp: 24993
 Ion Ratio Lower Upper
 62 100
 64 27.3 21.8 40.6



#6
 Bromomethane
 Concen: 5.231 ug/L
 RT: 2.794 min Scan# 146
 Delta R.T. -0.000 min
 Lab File: VW025265.D
 Acq: 03 Feb 2023 08:43

Tgt Ion: 94 Resp: 17389
 Ion Ratio Lower Upper
 94 100
 96 102.3 66.3 123.1

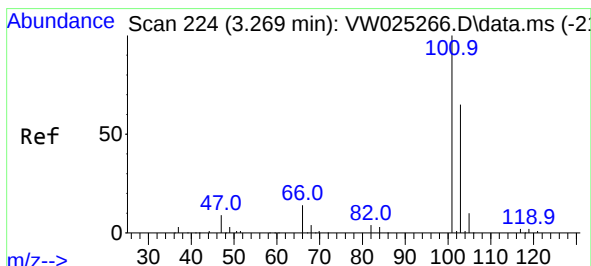
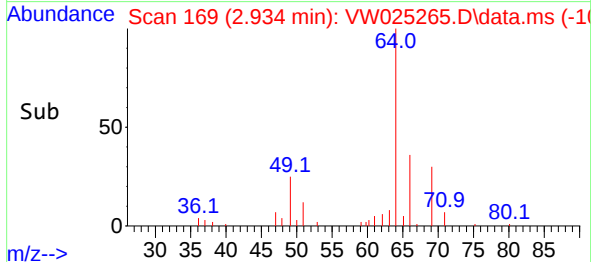
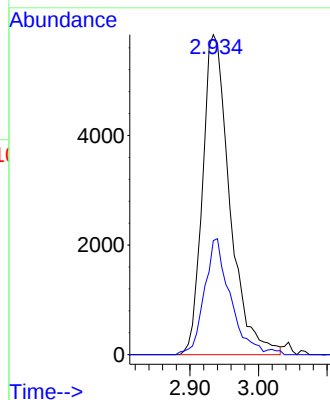
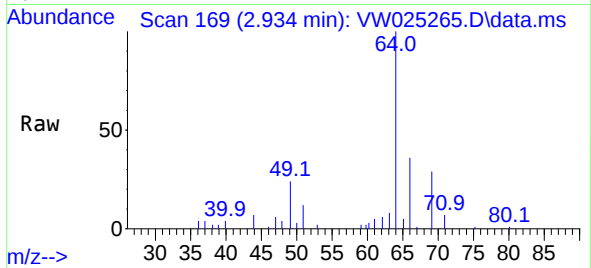




#8
Chloroethane
Concen: 5.328 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

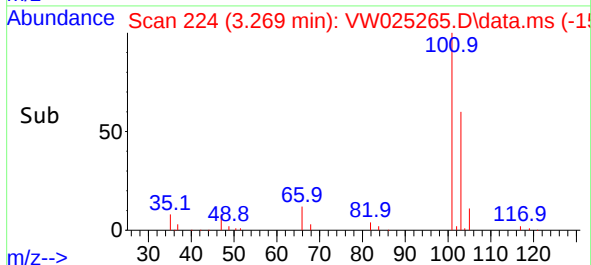
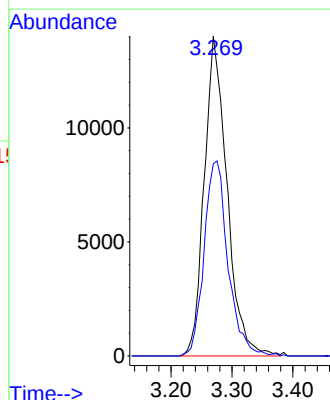
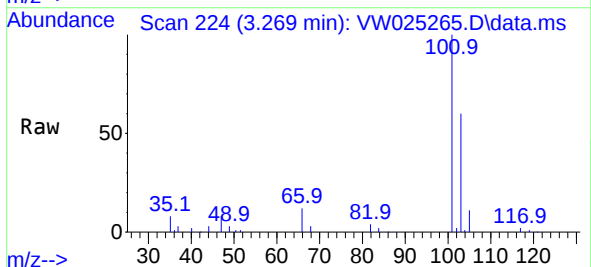
Instrument :
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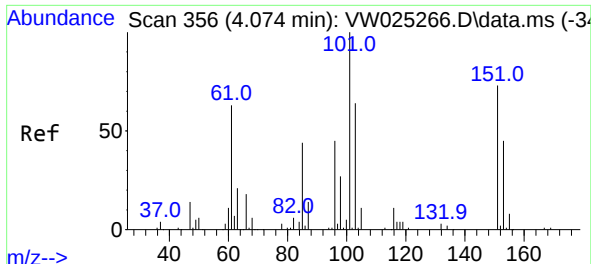
Tgt Ion: 64 Resp: 16148
Ion Ratio Lower Upper
64 100
66 35.7 21.9 40.7



#9
Trichlorofluoromethane
Concen: 5.210 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 101 Resp: 36381
Ion Ratio Lower Upper
101 100
103 63.7 52.4 78.6

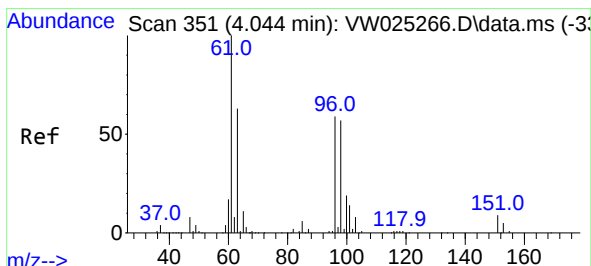
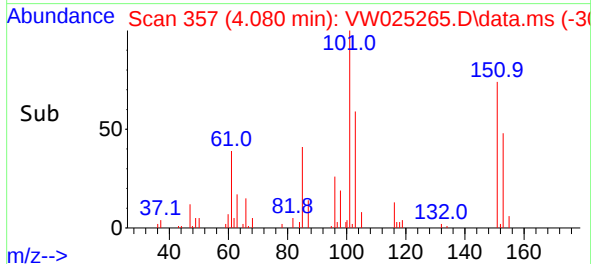
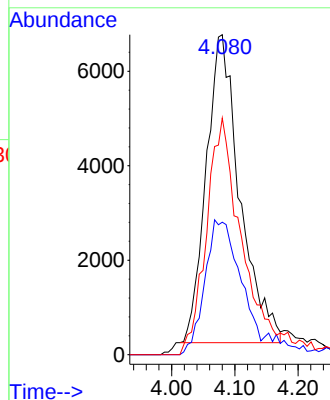
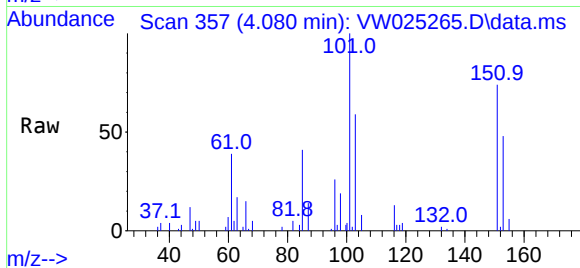




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.757 ug/L
RT: 4.080 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

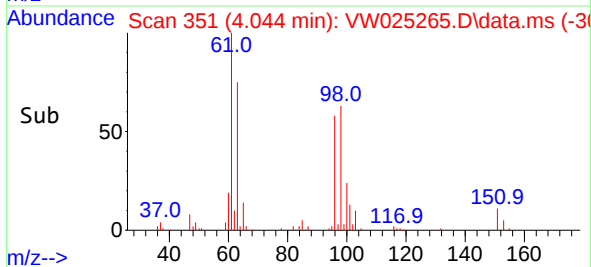
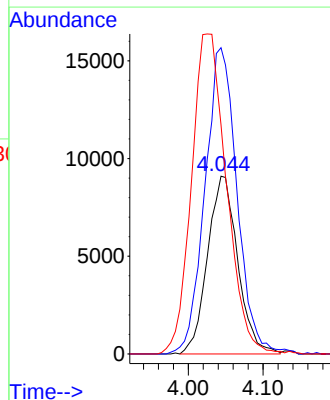
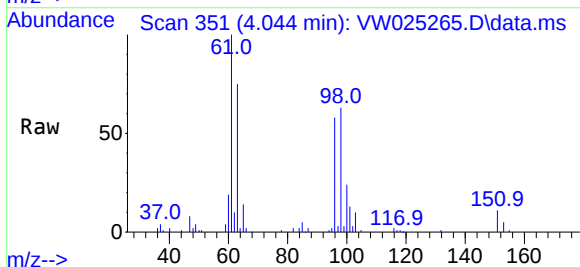
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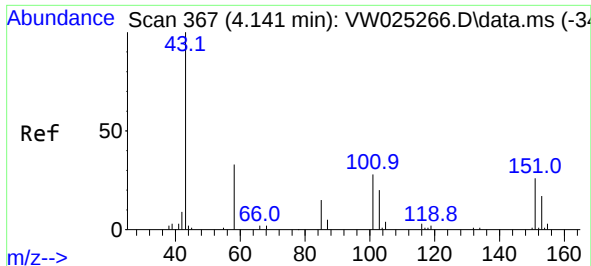
Tgt Ion:101 Resp: 24088
Ion Ratio Lower Upper
101 100
85 19.8 32.8 49.2#
151 78.9 54.7 82.1



#12
1,1-Dichloroethene
Concen: 5.083 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 96 Resp: 25551
Ion Ratio Lower Upper
96 100
61 172.2 120.8 224.4
63 128.9 85.7 159.1

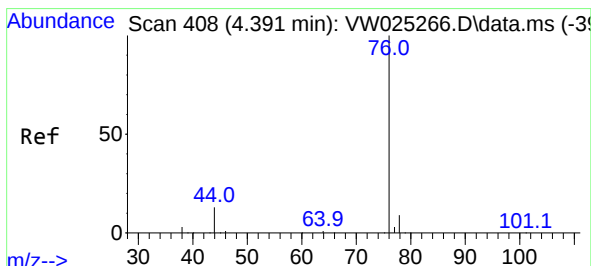
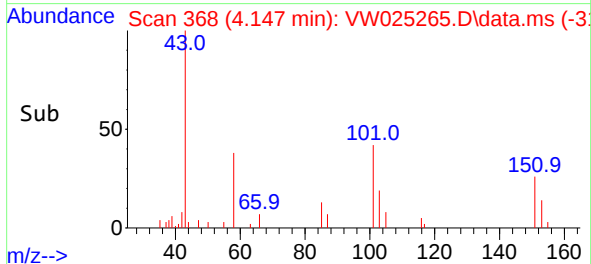
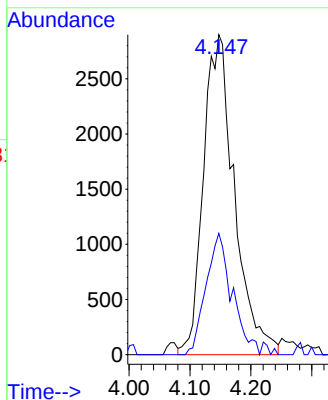
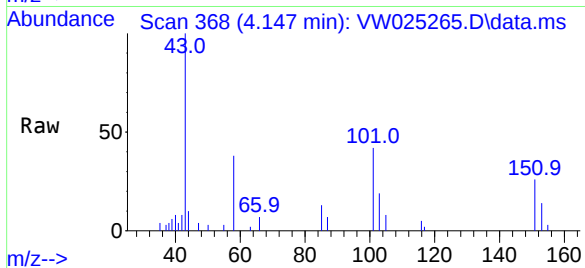




#13
Acetone
Concen: 10.160 ug/L
RT: 4.147 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

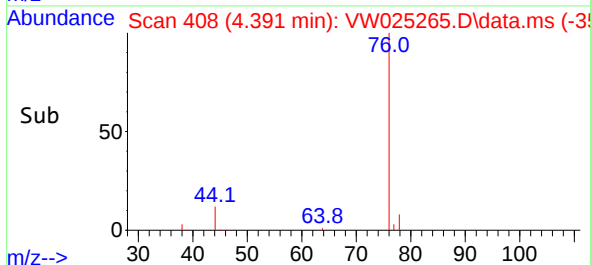
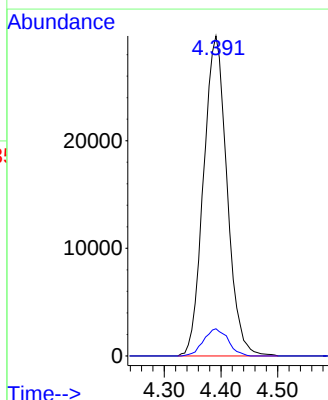
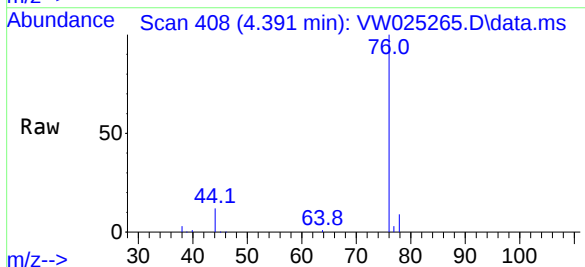
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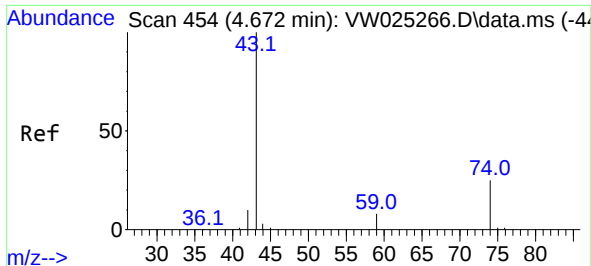
Tgt Ion: 43 Resp: 10235
Ion Ratio Lower Upper
43 100
58 25.4 0.0 63.0



#14
Carbon disulfide
Concen: 5.201 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
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Acq: 03 Feb 2023 08:43

Tgt Ion: 76 Resp: 85435
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

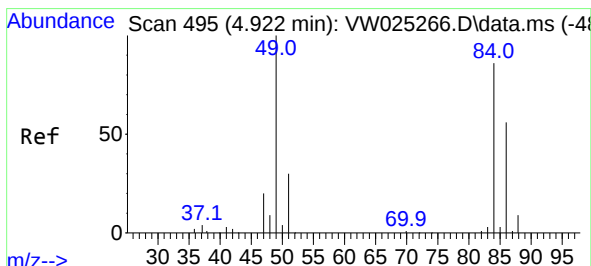
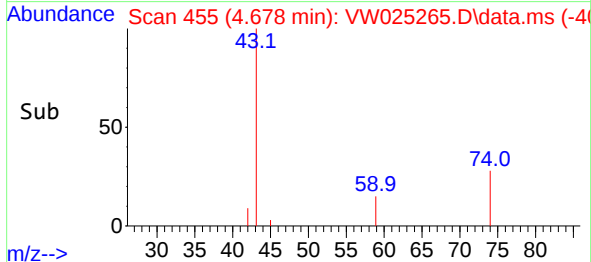
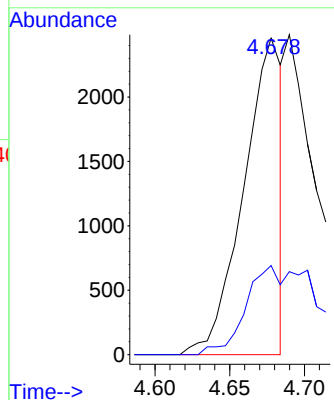
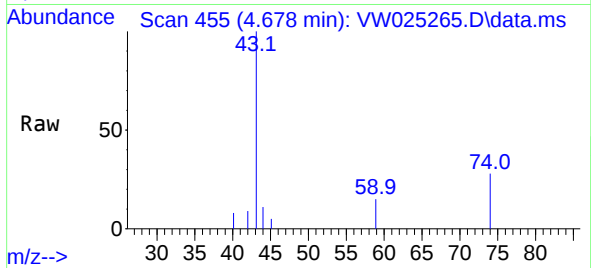




#15
Methyl Acetate
Concen: 2.881 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

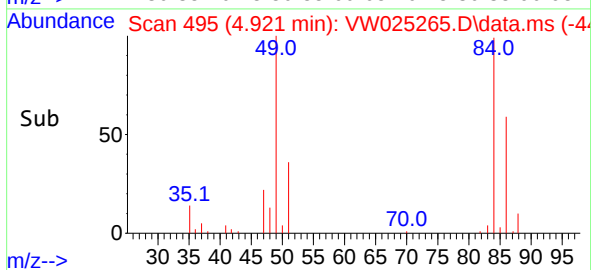
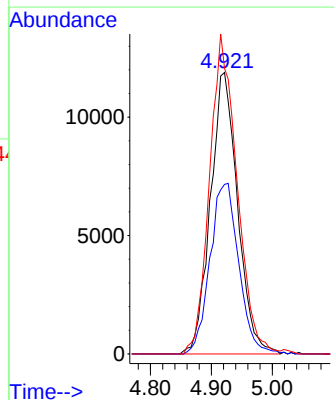
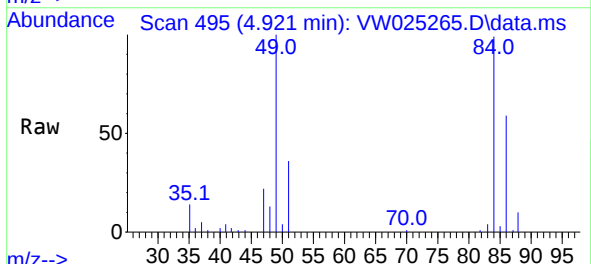
Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

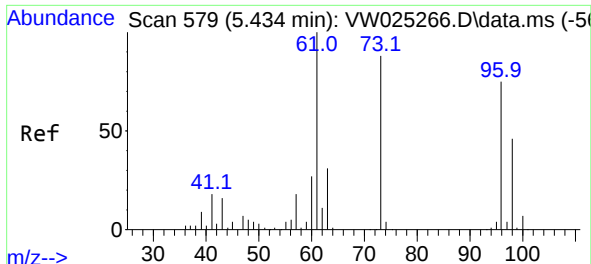
Tgt Ion: 43 Resp: 4365
Ion Ratio Lower Upper
43 100
74 21.4 20.2 30.2



#16
Methylene chloride
Concen: 5.895 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 84 Resp: 36826
Ion Ratio Lower Upper
84 100
86 60.3 47.2 87.6
49 101.5 86.5 160.7

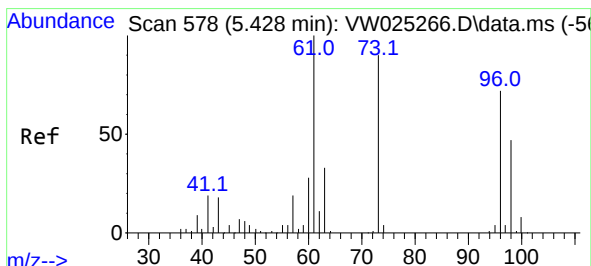
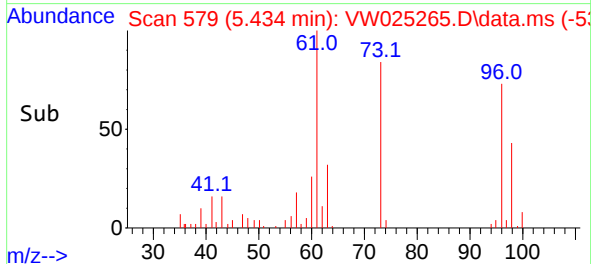
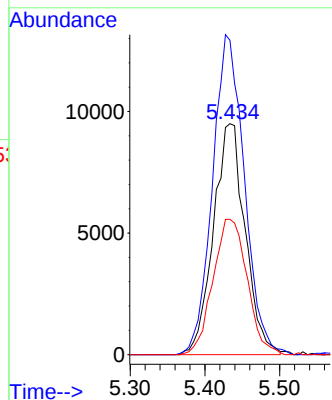
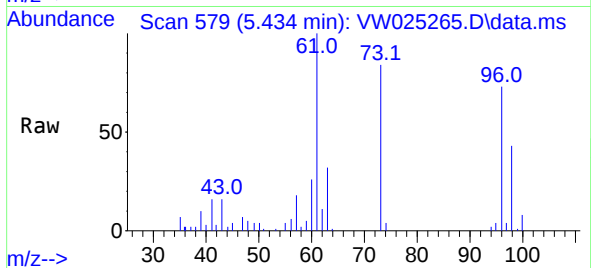




#17
trans-1,2-Dichloroethene
Concen: 5.197 ug/L
RT: 5.434 min Scan# 517
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

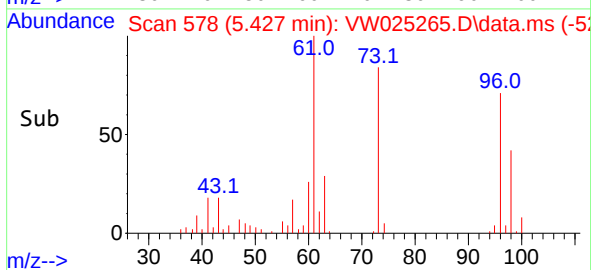
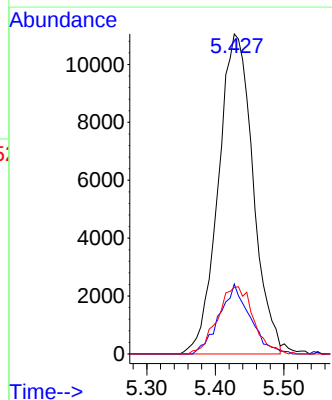
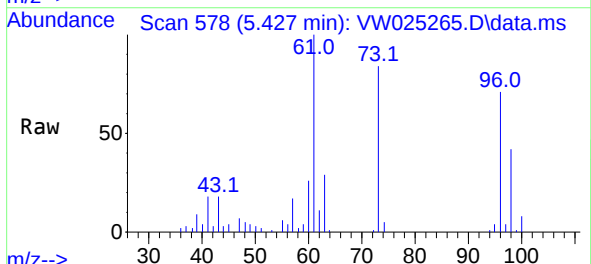
Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

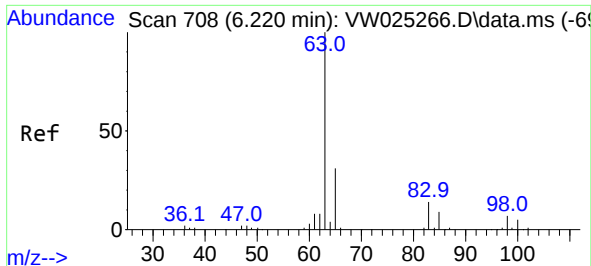
Tgt Ion: 96 Resp: 28055
Ion Ratio Lower Upper
96 100
61 136.1 98.4 182.8
98 58.6 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 5.002 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 73 Resp: 38817
Ion Ratio Lower Upper
73 100
43 19.3 15.8 23.6
57 21.7 17.0 25.4





#19

1,1-Dichloroethane

Concen: 5.217 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD005420

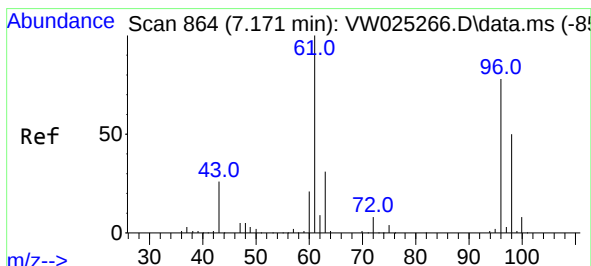
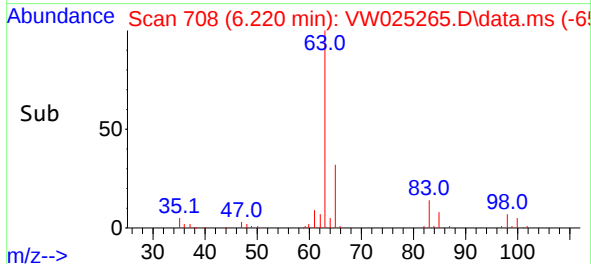
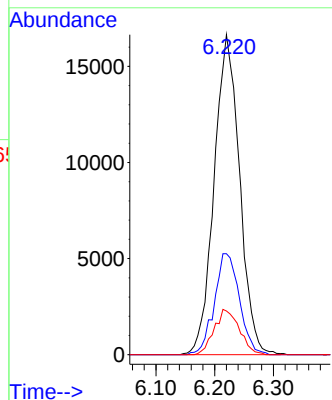
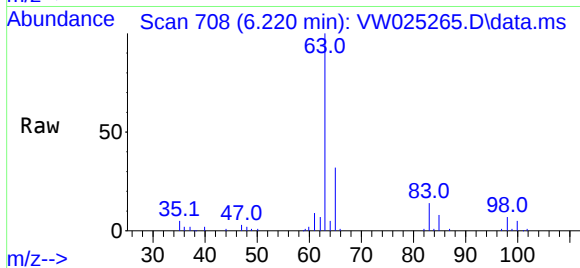
Tgt Ion: 63 Resp: 50142

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 5.249 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

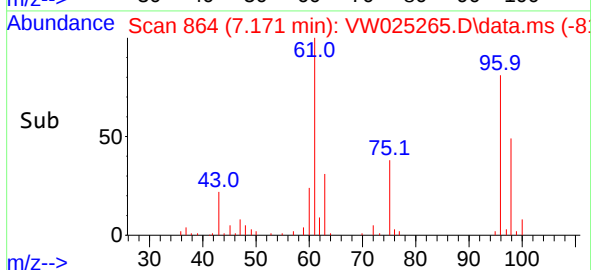
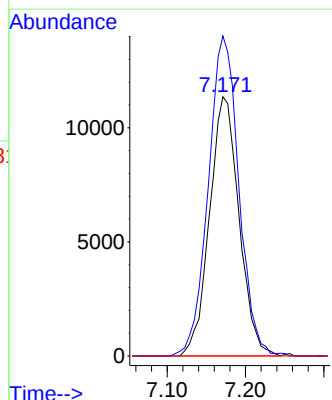
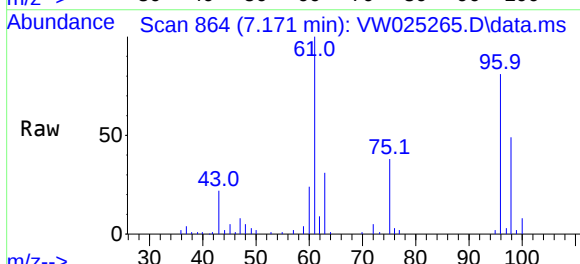
Tgt Ion: 96 Resp: 29748

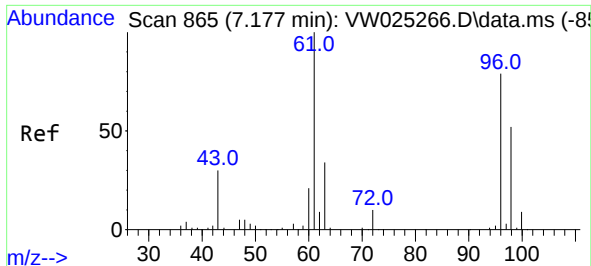
Ion Ratio Lower Upper

96 100

61 123.4 87.2 162.0

68 0.0 0.0 0.0

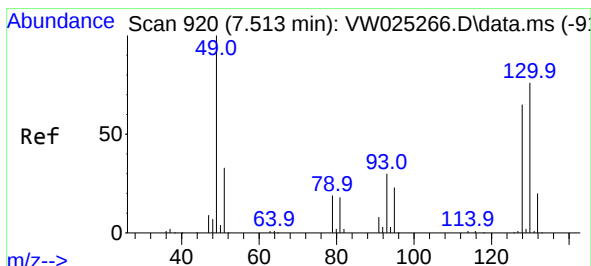
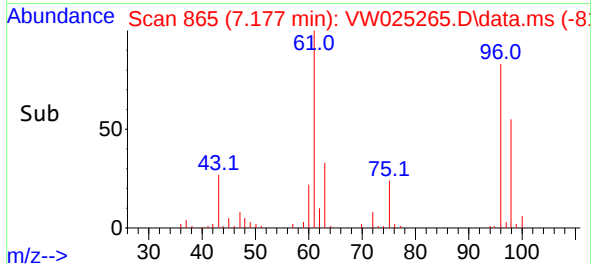
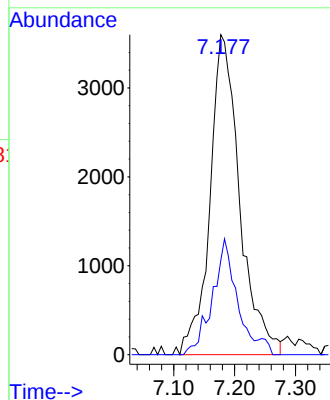
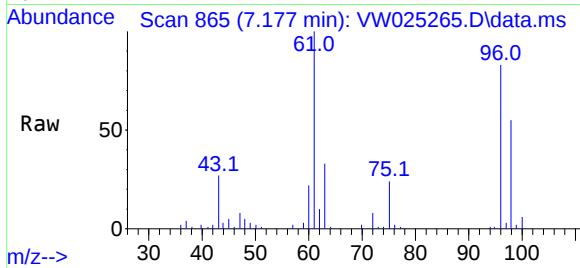




#22
2-Butanone
Concen: 10.310 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

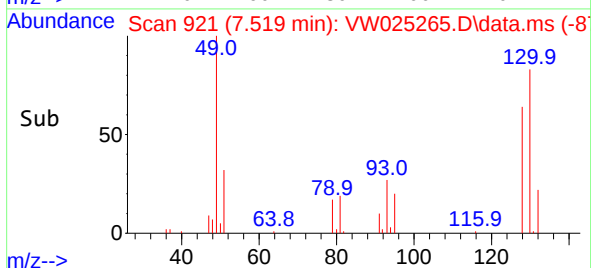
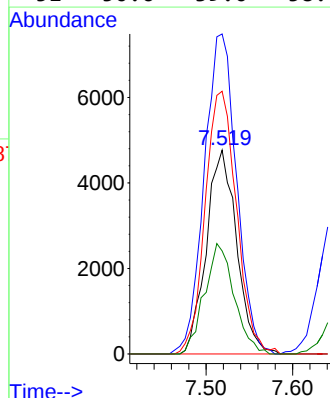
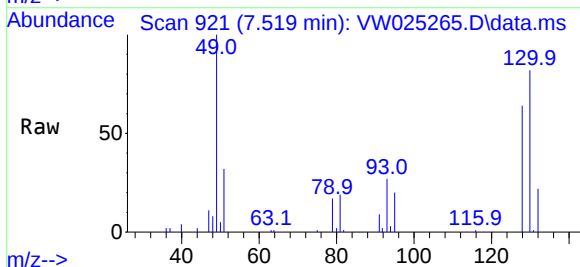
Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

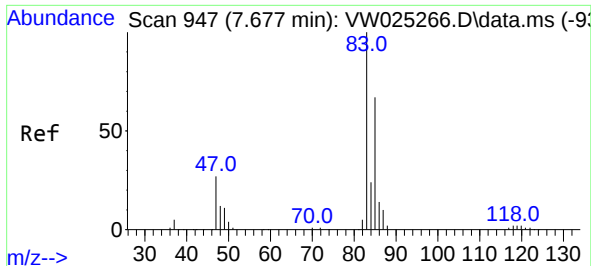
Tgt Ion: 43 Resp: 12228
Ion Ratio Lower Upper
43 100
72 23.3 15.2 45.6



#23
Bromochloromethane
Concen: 4.970 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 128 Resp: 11603
Ion Ratio Lower Upper
128 100
49 157.0 109.0 202.4
130 128.9 93.3 173.3
51 50.6 39.0 58.4

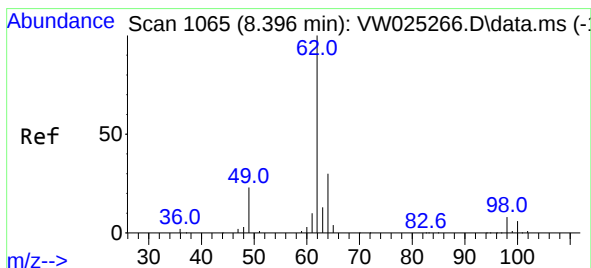
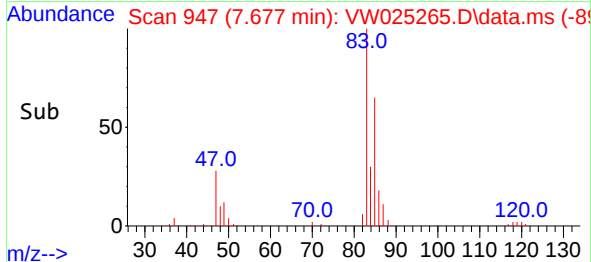
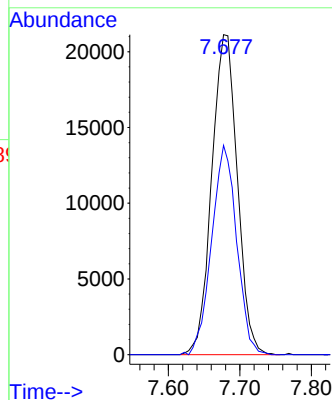
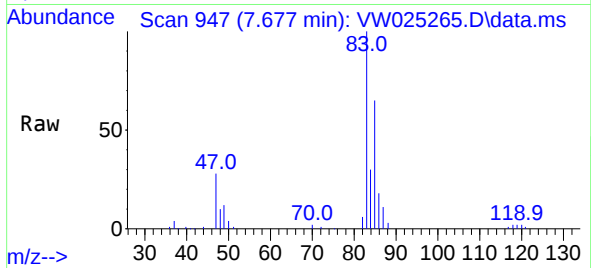




#25
Chloroform
Concen: 5.312 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

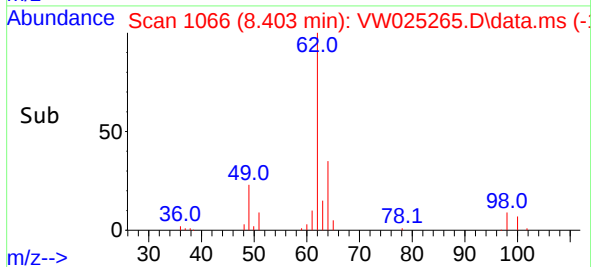
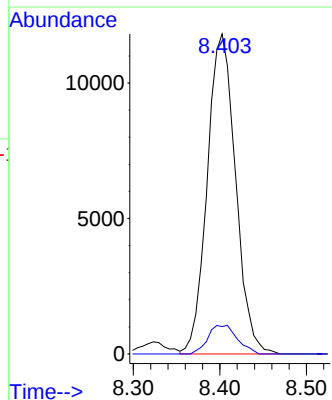
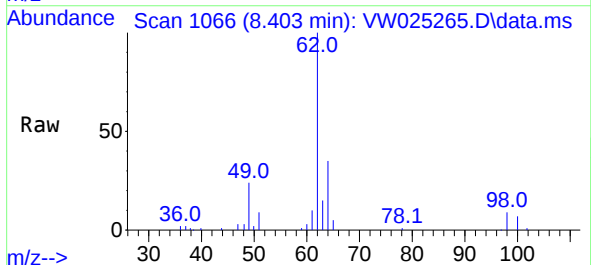
Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

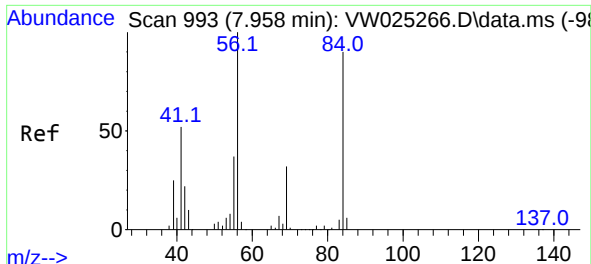
Tgt Ion: 83 Resp: 52519
Ion Ratio Lower Upper
83 100
85 65.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 4.459 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

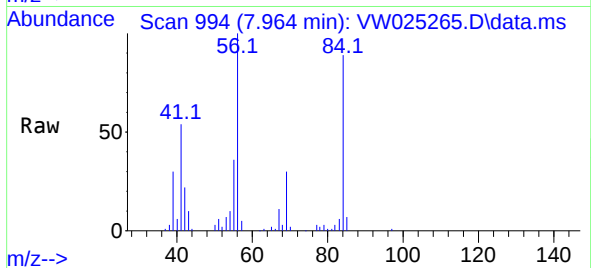
Tgt Ion: 62 Resp: 26851
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.0





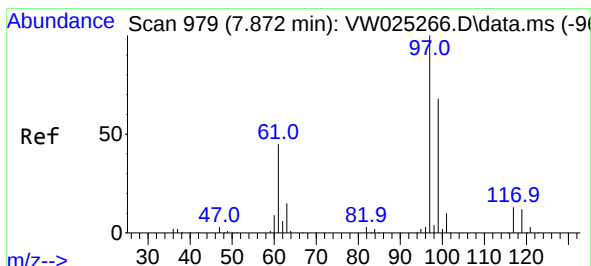
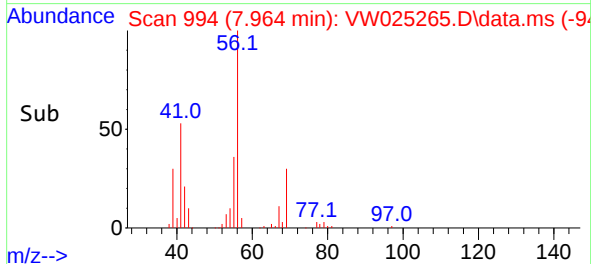
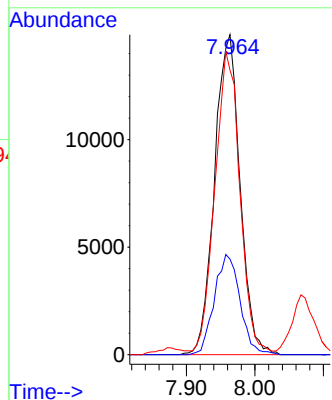
#29
Cyclohexane
Concen: 3.810 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD005420



Tgt Ion: 56 Resp: 38458

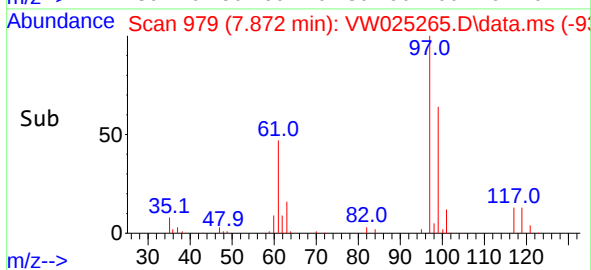
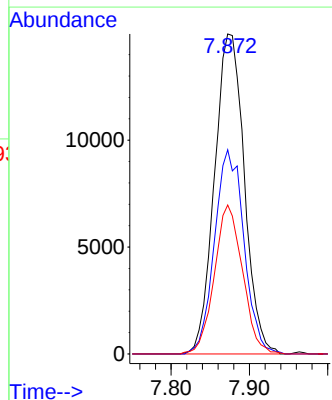
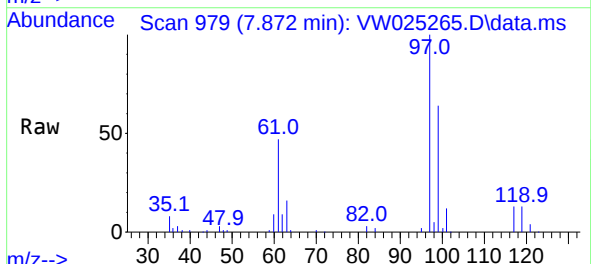
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.1	37.7
84	93.1	73.2	109.8

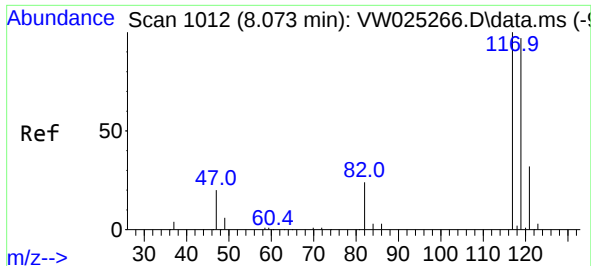


#30
1,1,1-Trichloroethane
Concen: 3.983 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 97 Resp: 39596

Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.2	76.8
61	44.0	35.0	52.6

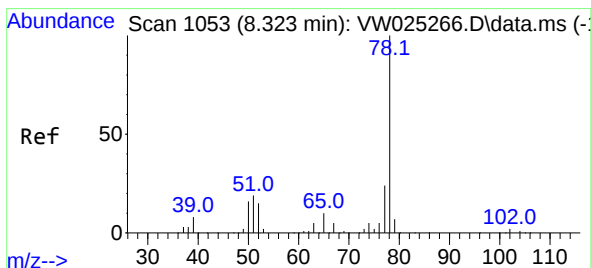
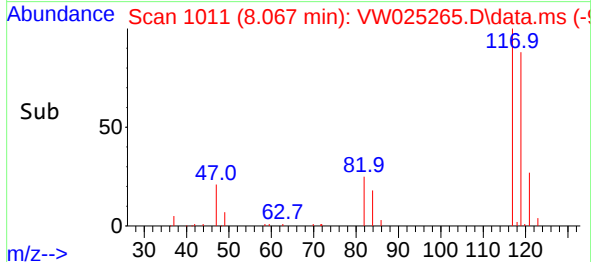
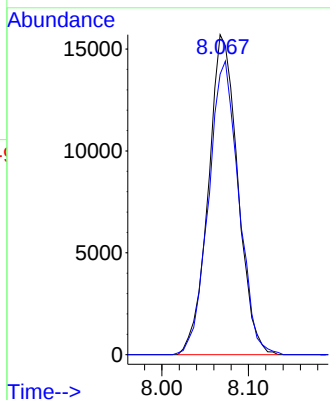
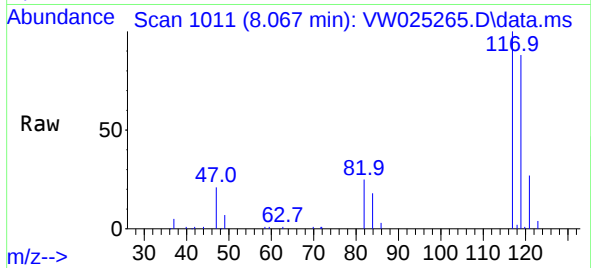




#31
Carbon tetrachloride
Concen: 4.024 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

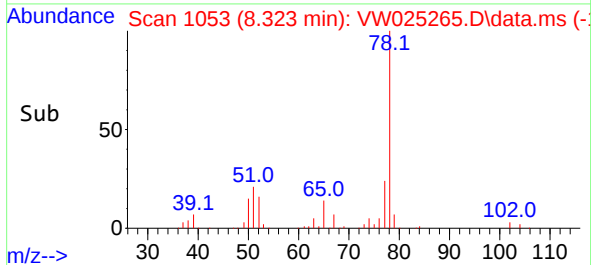
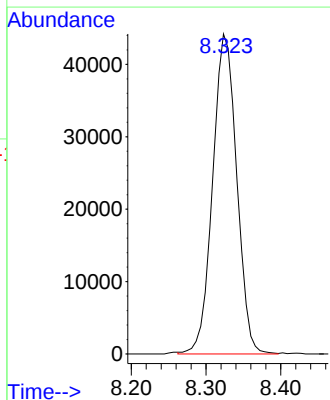
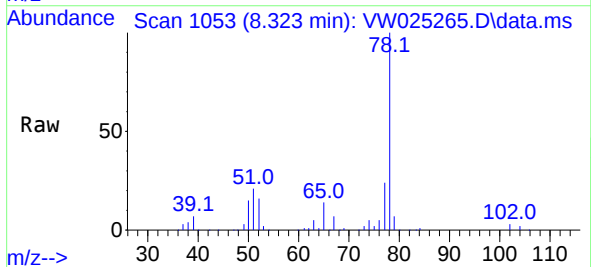
Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

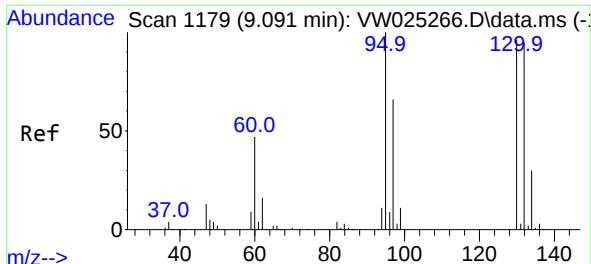
Tgt Ion:117 Resp: 37004
Ion Ratio Lower Upper
117 100
119 94.2 77.6 116.4



#33
Benzene
Concen: 4.084 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 78 Resp: 99057



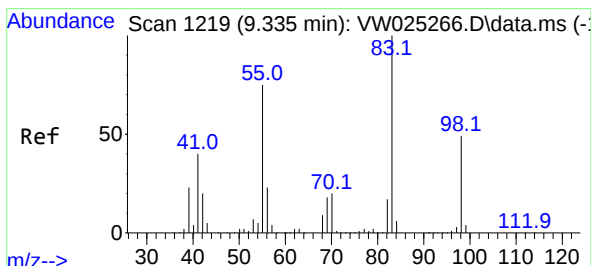
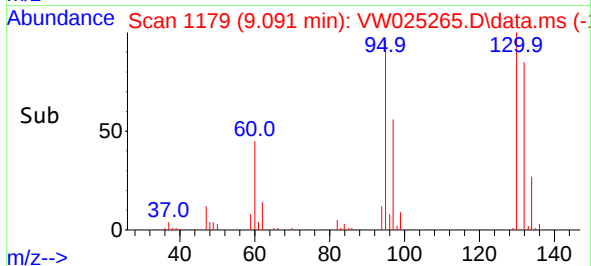
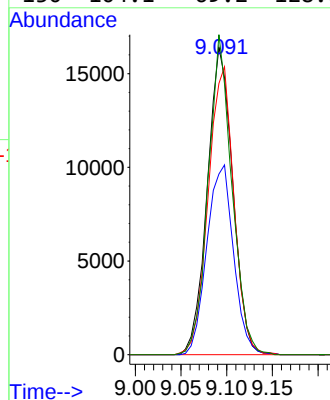
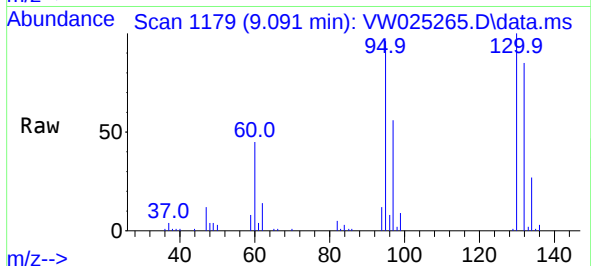


#34
Trichloroethene
Concen: 4.680 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

Tgt Ion: 95 Resp: 31798

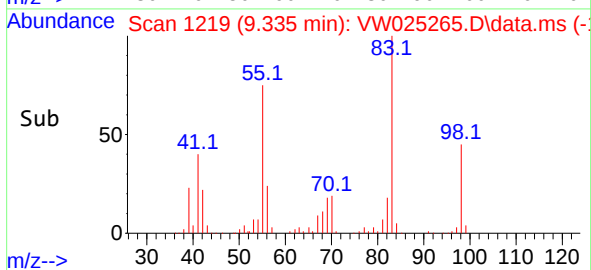
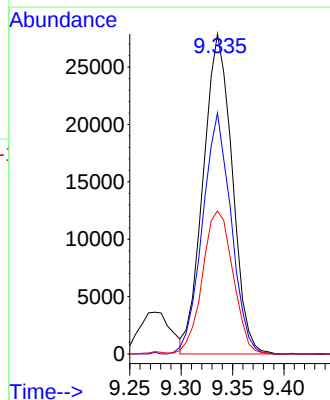
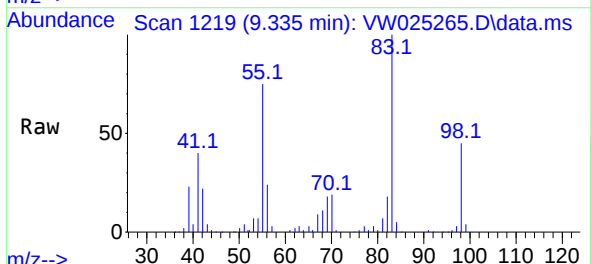
Ion	Ratio	Lower	Upper
95	100		
97	58.8	45.4	84.2
132	88.2	67.1	124.5
130	104.1	69.2	128.6

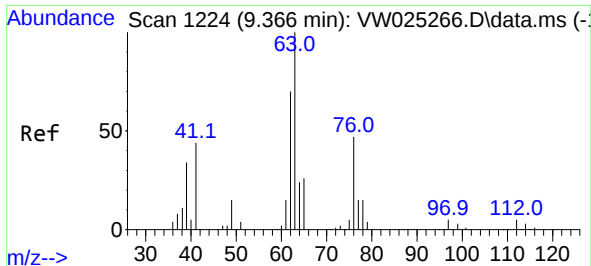


#35
Methylcyclohexane
Concen: 4.509 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 83 Resp: 54682

Ion	Ratio	Lower	Upper
83	100		
55	74.3	58.8	88.2
98	47.2	39.5	59.3





#37

1,2-Dichloropropane

Concen: 4.564 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

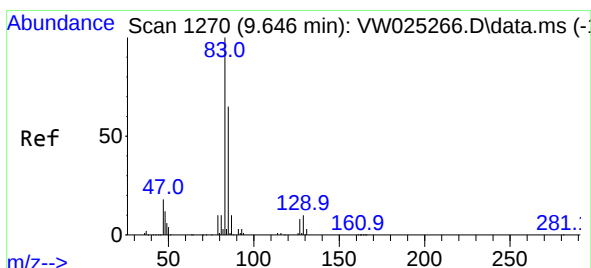
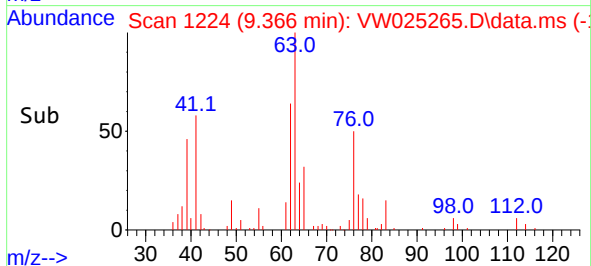
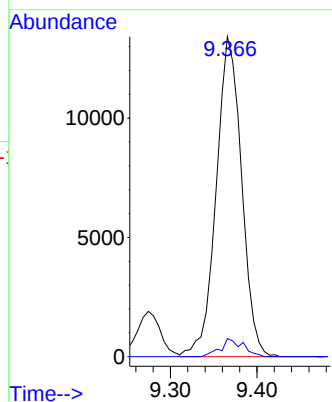
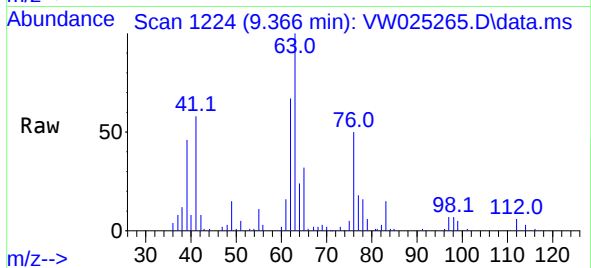
VSTD005420

Tgt Ion: 63 Resp: 27303

Ion Ratio Lower Upper

63 100

112 3.9 3.8 5.8



#38

Bromodichloromethane

Concen: 4.366 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

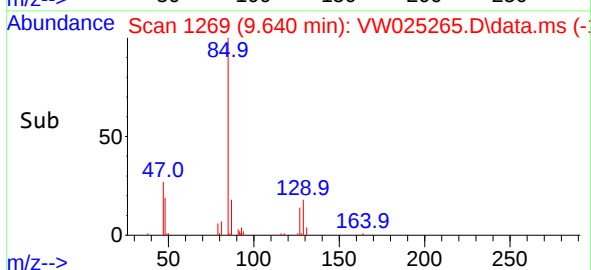
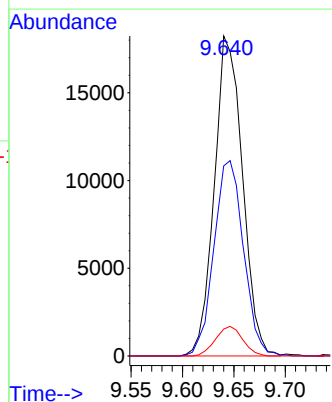
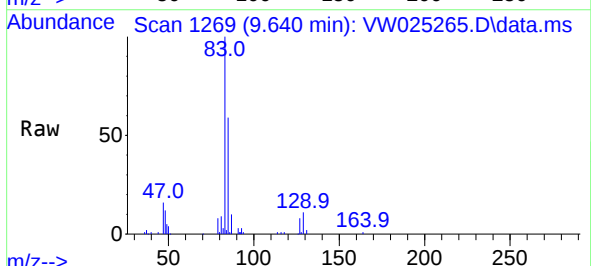
Tgt Ion: 83 Resp: 34732

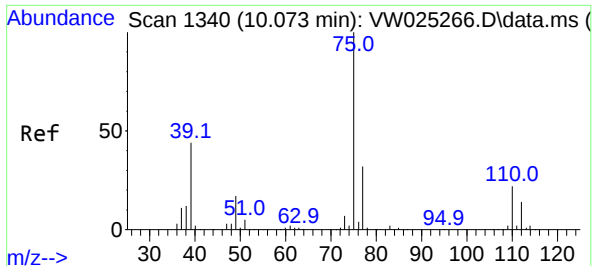
Ion Ratio Lower Upper

83 100

85 59.4 44.4 82.4

127 9.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 4.201 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

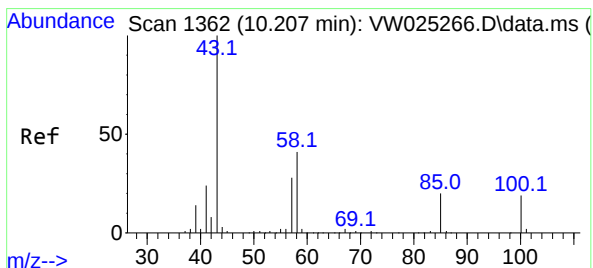
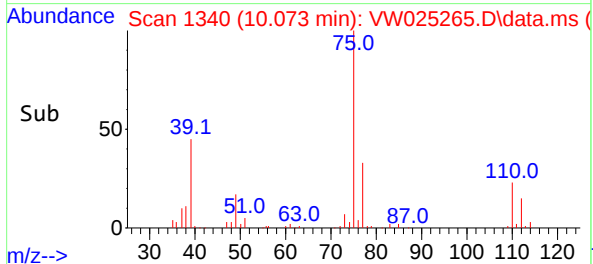
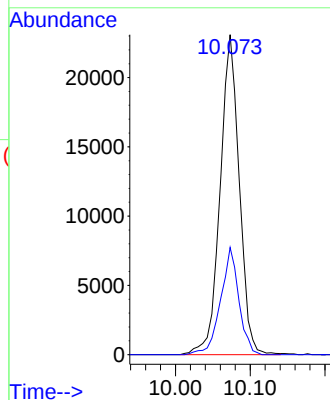
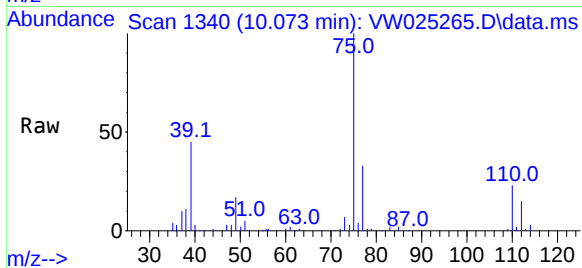
VSTD005420

Tgt Ion: 75 Resp: 41144

Ion Ratio Lower Upper

75 100

77 33.5 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 7.972 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

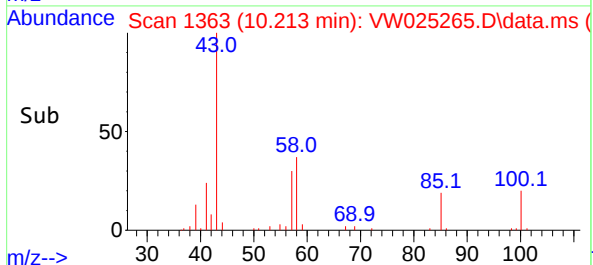
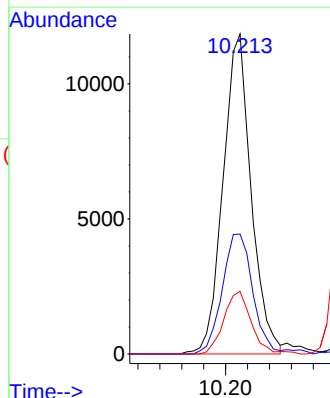
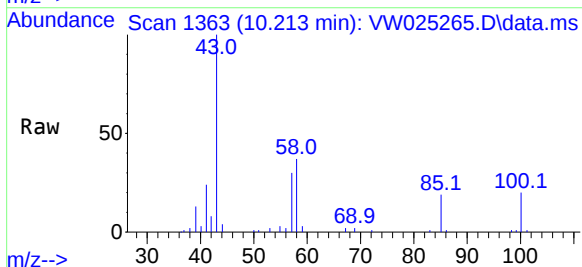
Tgt Ion: 43 Resp: 21057

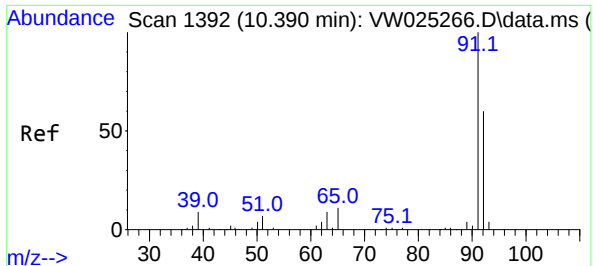
Ion Ratio Lower Upper

43 100

58 40.5 34.1 51.1

100 18.7 14.5 21.7





#42

Toluene

Concen: 4.995 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

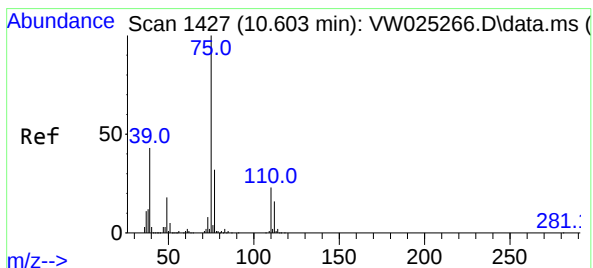
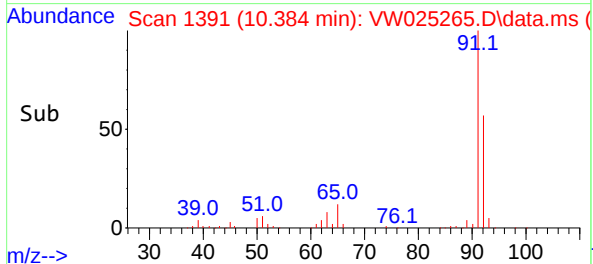
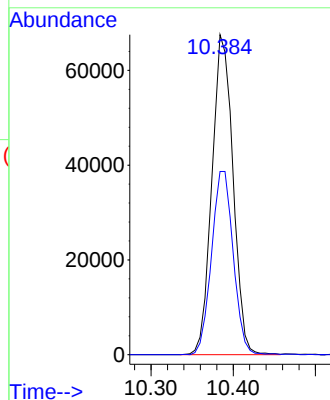
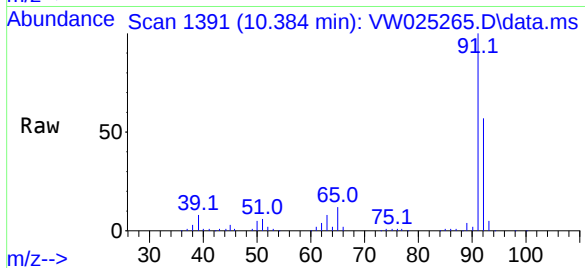
VSTD005420

Tgt Ion: 91 Resp: 120484

Ion Ratio Lower Upper

91 100

92 57.3 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 4.721 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW025265.D

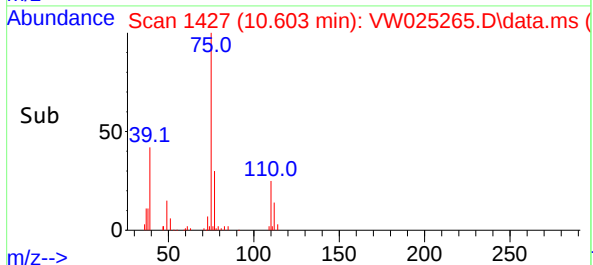
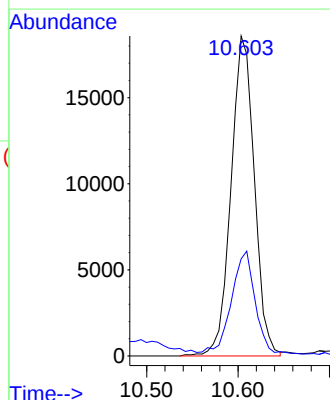
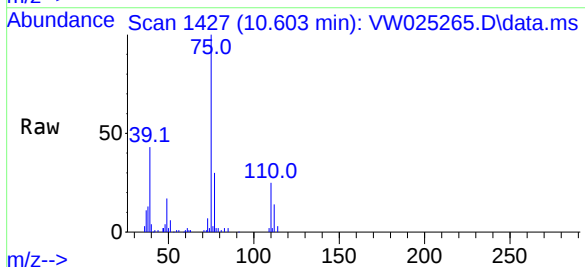
Acq: 03 Feb 2023 08:43

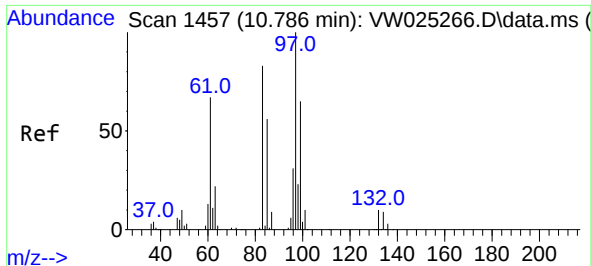
Tgt Ion: 75 Resp: 32959

Ion Ratio Lower Upper

75 100

77 30.3 21.7 40.3



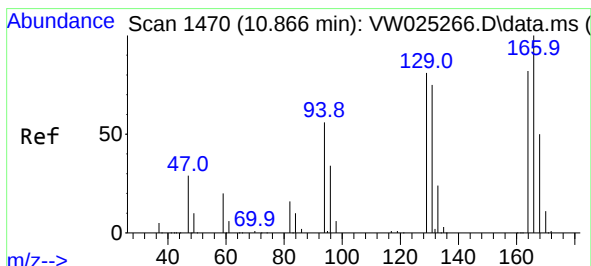
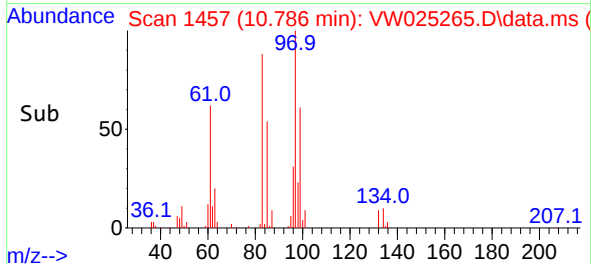
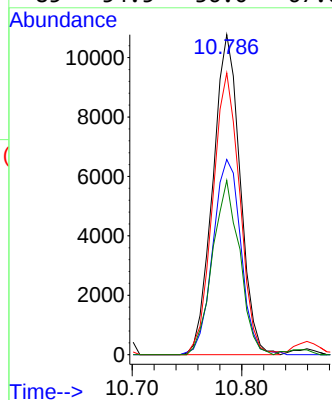
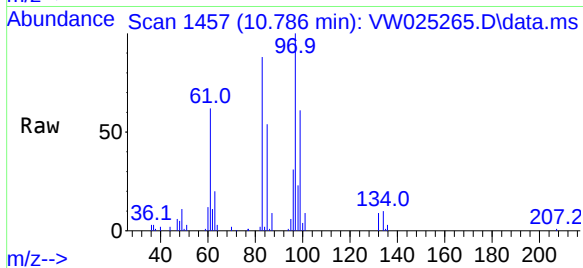


#45
1,1,2-Trichloroethane
Concen: 4.936 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

Tgt Ion: 97 Resp: 18610

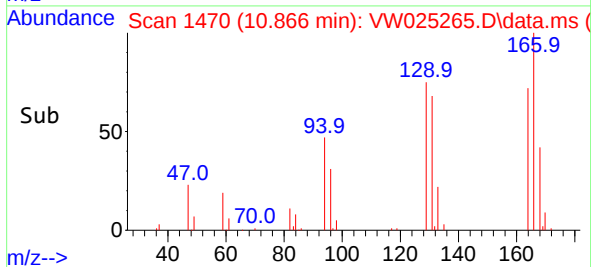
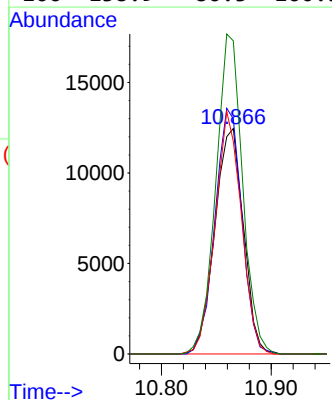
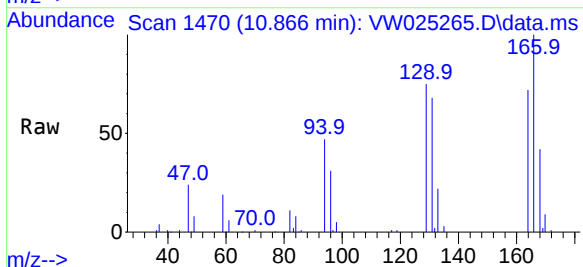
Ion	Ratio	Lower	Upper
97	100		
99	61.0	41.4	76.8
83	88.1	54.0	100.4
85	54.5	36.0	67.0

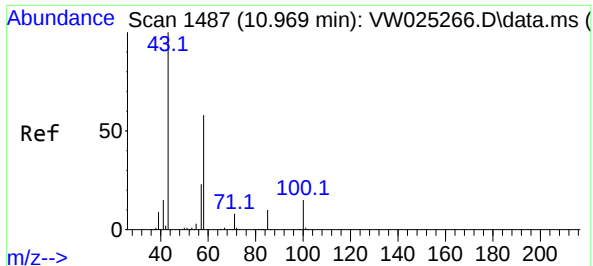


#46
Tetrachloroethene
Concen: 5.192 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 164 Resp: 22541

Ion	Ratio	Lower	Upper
164	100		
129	104.3	74.1	137.5
131	94.3	72.3	134.3
166	138.9	86.3	160.3





#48

2-Hexanone

Concen: 8.985 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

Instrument :

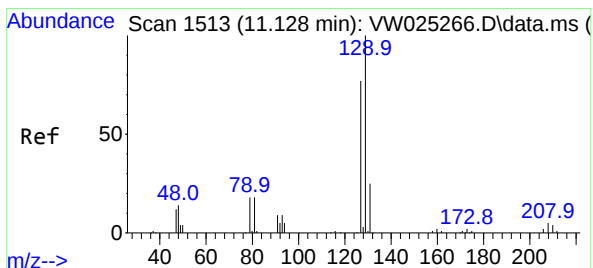
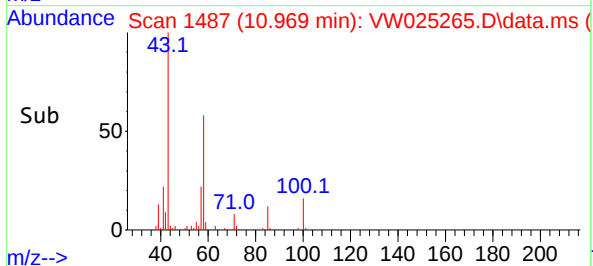
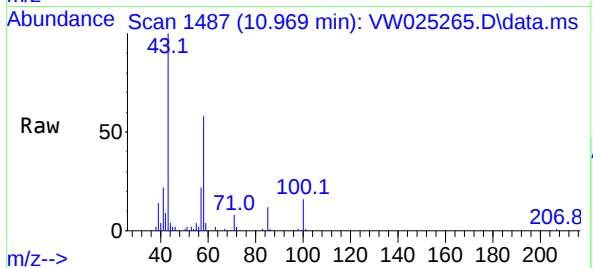
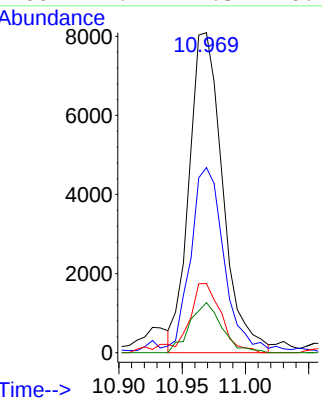
MSVOA_W

ClientSampleId :

VSTD005420

Tgt Ion: 43 Resp: 14980

Ion	Ratio	Lower	Upper
43	100		
58	57.6	46.3	69.5
57	19.4	16.5	24.7
100	14.9	11.3	16.9



#49

Dibromochloromethane

Concen: 4.995 ug/L

RT: 11.128 min Scan# 1513

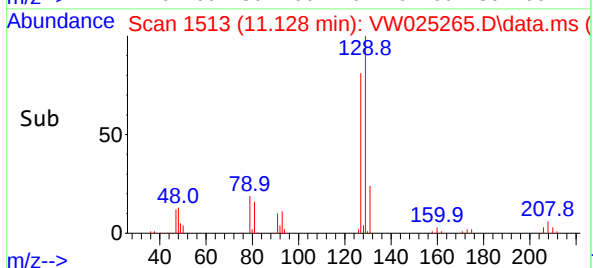
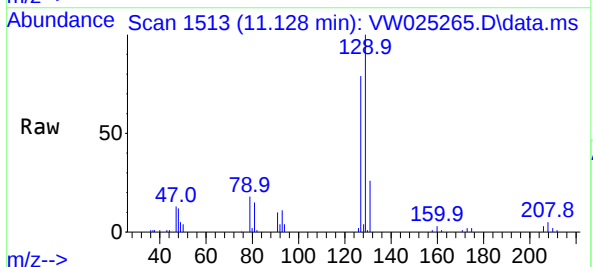
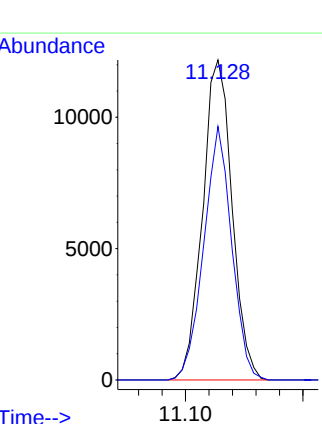
Delta R.T. -0.000 min

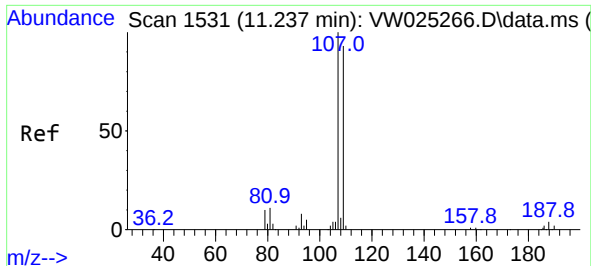
Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

Tgt Ion: 129 Resp: 21269

Ion	Ratio	Lower	Upper
129	100		
127	79.2	54.8	101.8





#50

1,2-Dibromoethane

Concen: 5.010 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

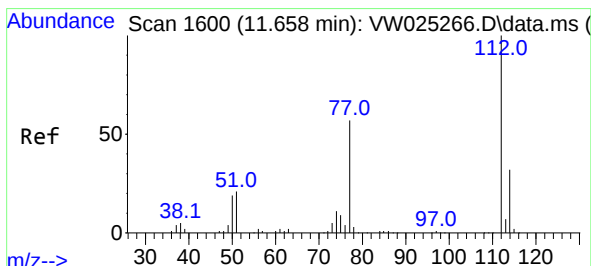
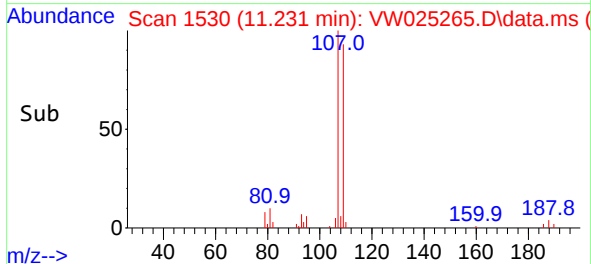
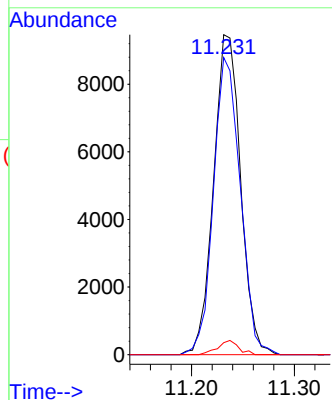
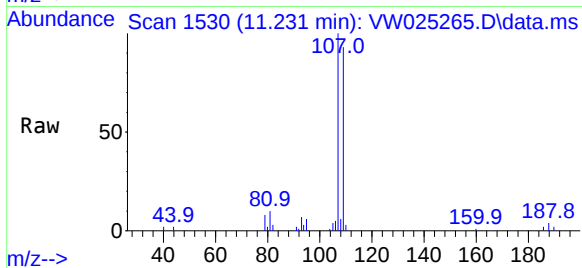
Instrument :

MSVOA_W

ClientSampleId :

VSTD005420

Tgt Ion:107	Resp:	17304
Ion	Ratio	Lower Upper
107	100	
109	92.8	65.0 120.6
188	3.8	2.3 3.5



#51

Chlorobenzene

Concen: 4.917 ug/L

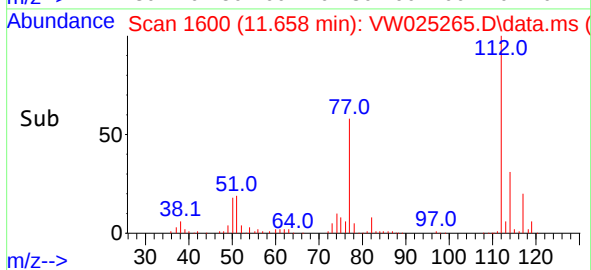
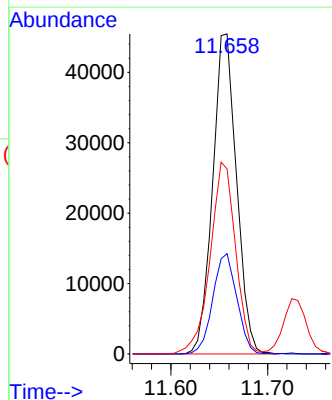
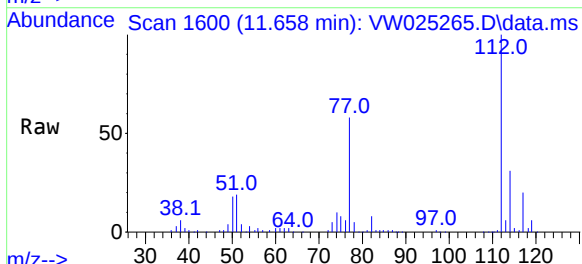
RT: 11.658 min Scan# 1600

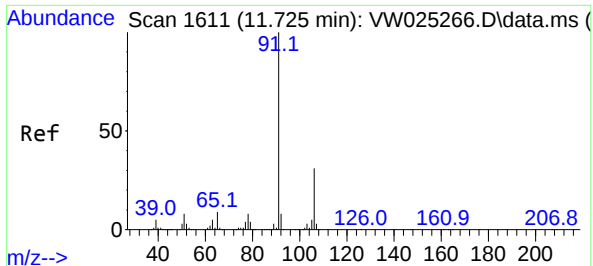
Delta R.T. -0.000 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

Tgt Ion:112	Resp:	78052
Ion	Ratio	Lower Upper
112	100	
114	31.3	21.7 40.3
77	57.8	46.2 69.4

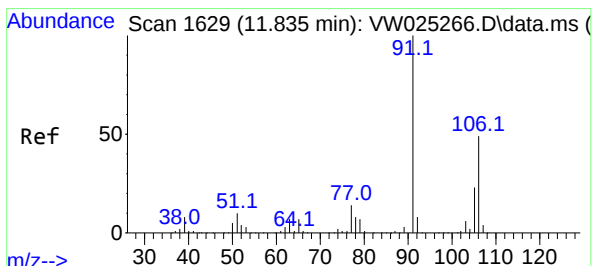
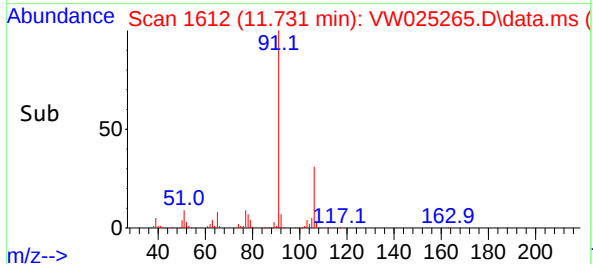
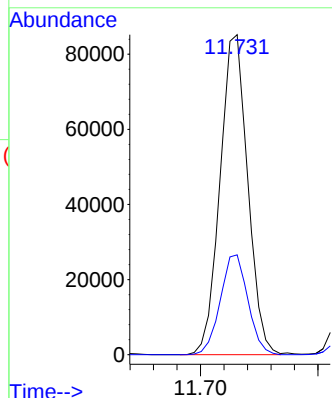
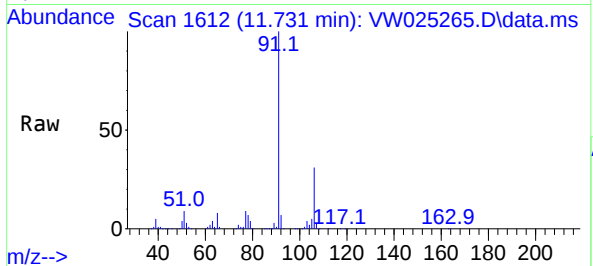




#52
Ethylbenzene
Concen: 4.825 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

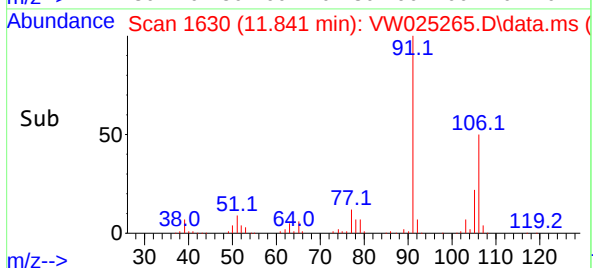
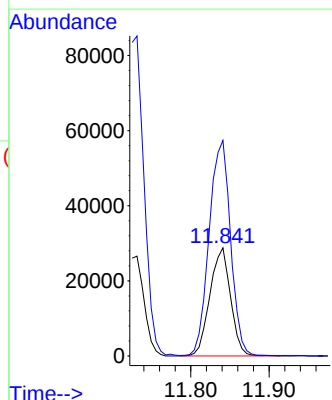
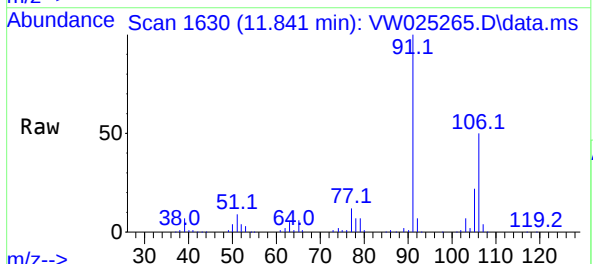
Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

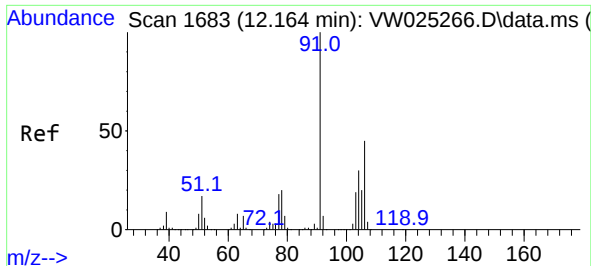
Tgt Ion: 91 Resp: 139450
Ion Ratio Lower Upper
91 100
106 31.2 21.1 39.1



#53
m,p-Xylene
Concen: 4.811 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 106 Resp: 52697
Ion Ratio Lower Upper
106 100
91 199.3 143.4 266.4

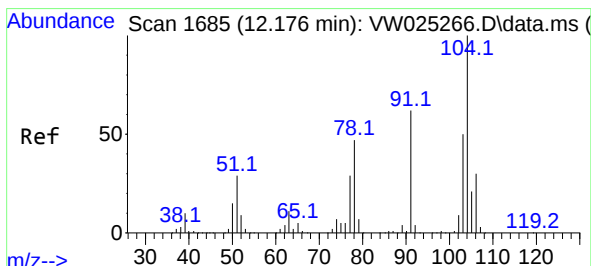
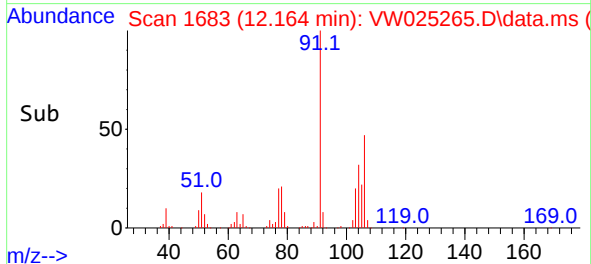
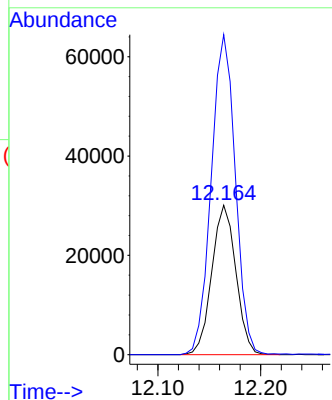
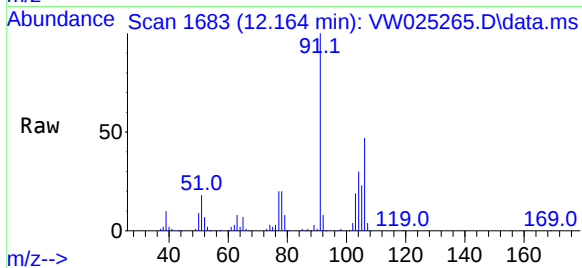




#54
o-Xylene
Concen: 4.438 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

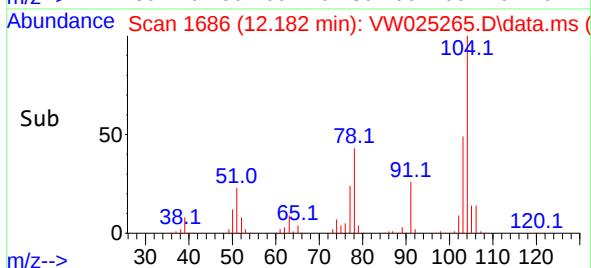
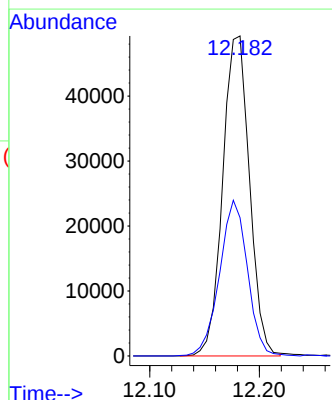
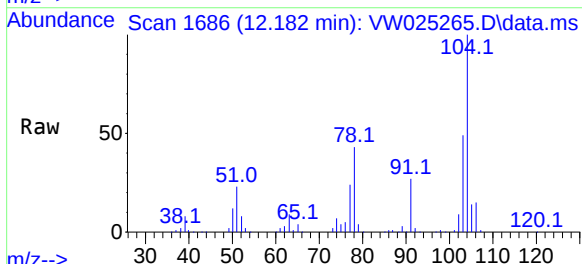
Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

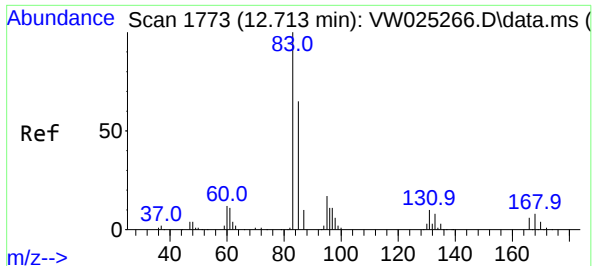
Tgt Ion:106 Resp: 48927
Ion Ratio Lower Upper
106 100
91 214.1 157.6 292.8



#55
Styrene
Concen: 4.482 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion:104 Resp: 83677
Ion Ratio Lower Upper
104 100
78 43.2 32.8 60.8





#57

1,1,2-Tetrachloroethane

Concen: 4.543 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

Instrument :

MSVOA_W

ClientSampleId :

VSTD005420

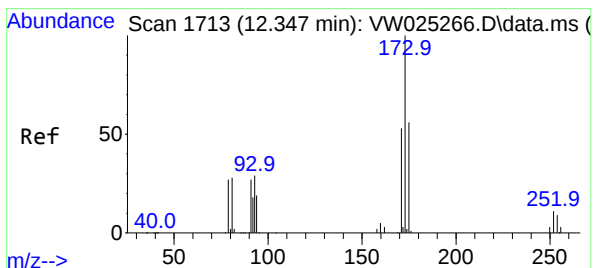
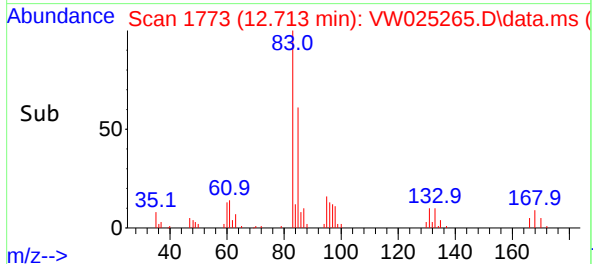
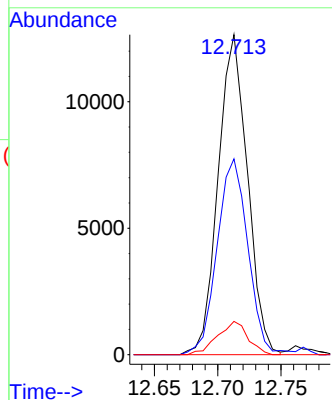
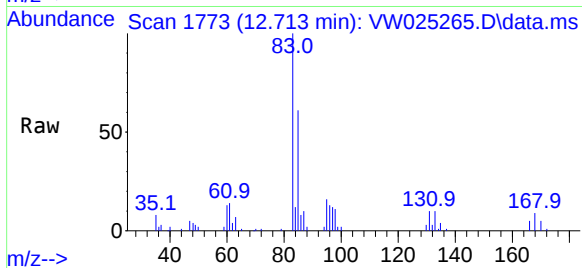
Tgt Ion: 83 Resp: 20406

Ion Ratio Lower Upper

83 100

85 61.2 44.7 83.1

131 10.4 7.8 11.6



#59

Bromoform

Concen: 4.453 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025265.D

Acq: 03 Feb 2023 08:43

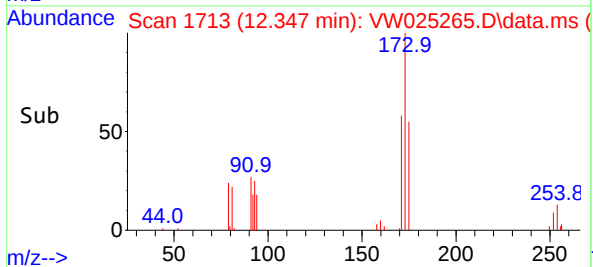
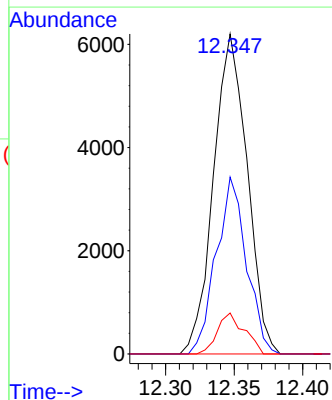
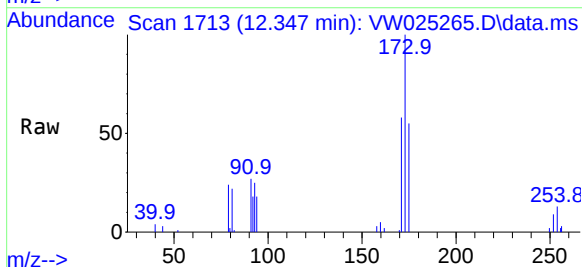
Tgt Ion:173 Resp: 10592

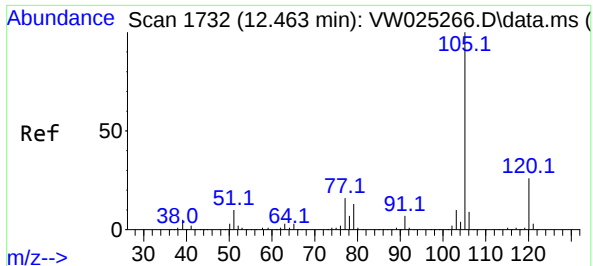
Ion Ratio Lower Upper

173 100

175 49.7 38.6 58.0

254 10.2 7.0 10.4

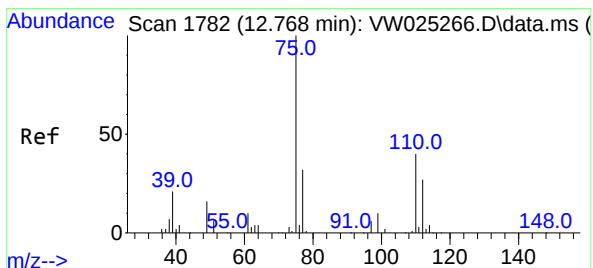
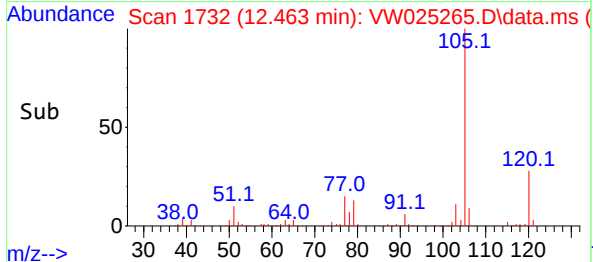
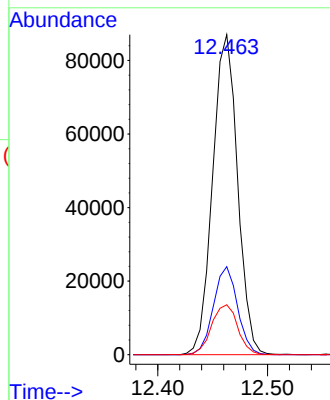
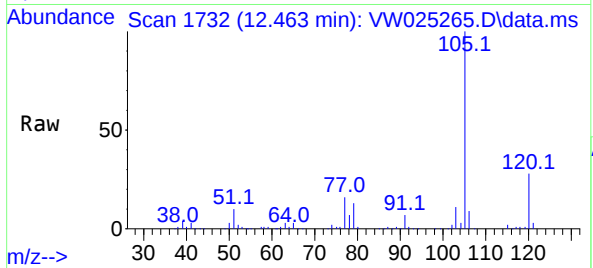




#60
Isopropylbenzene
Concen: 4.843 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

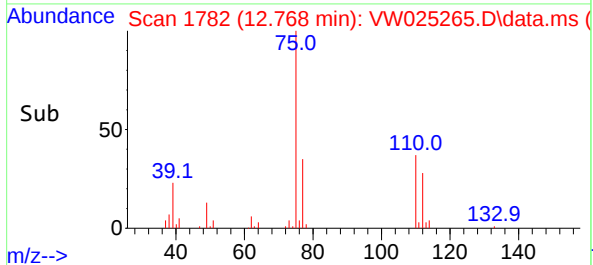
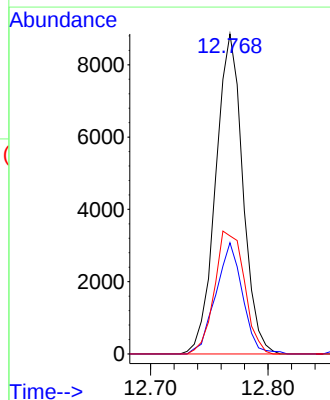
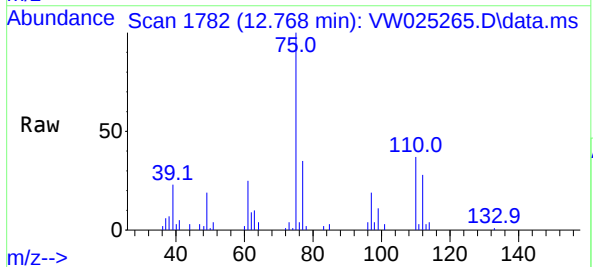
Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

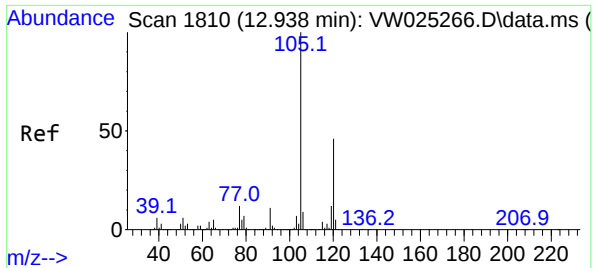
Tgt Ion:105 Resp: 137492
Ion Ratio Lower Upper
105 100
120 26.6 20.6 30.8
77 16.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.769 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 75 Resp: 14213
Ion Ratio Lower Upper
75 100
77 34.3 26.7 40.1
110 42.1 33.2 49.8

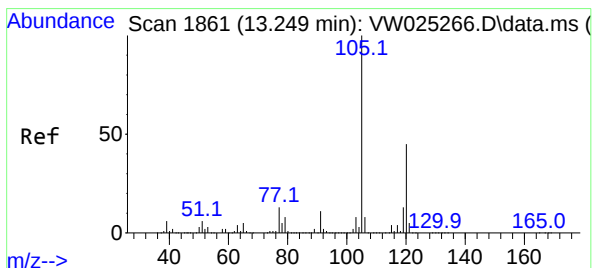
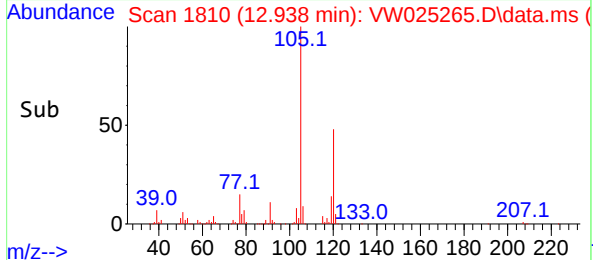
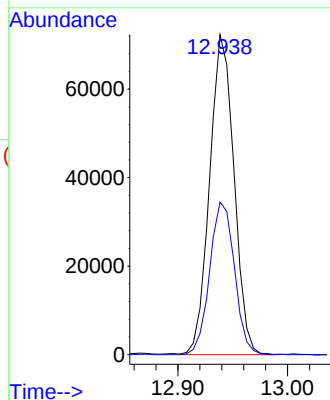
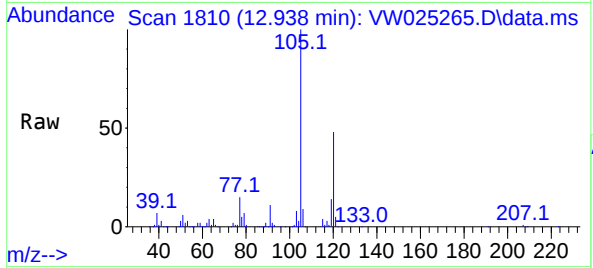




#62
1,3,5-Trimethylbenzene
Concen: 4.880 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

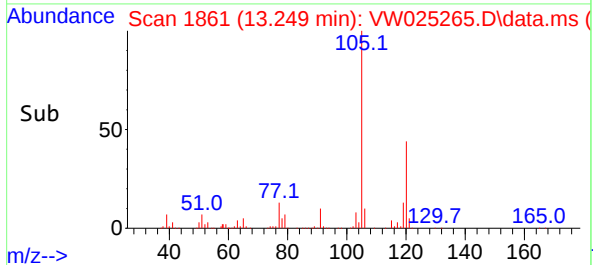
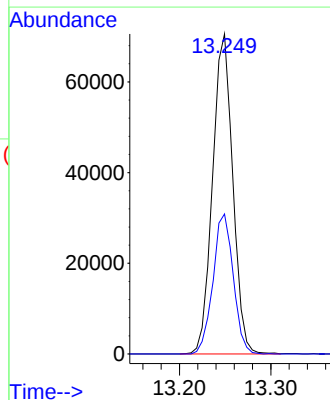
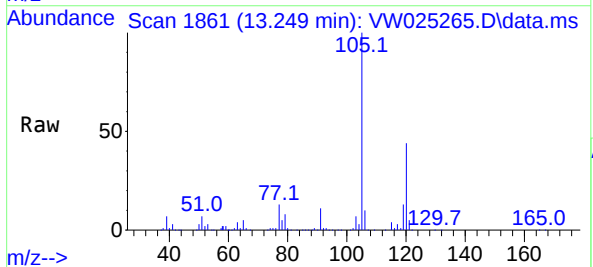
Instrument : MSVOA_W
ClientSampleId : VSTD005420

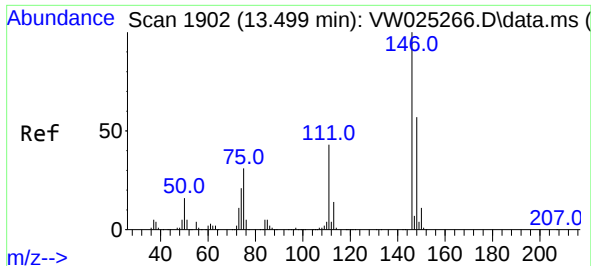
Tgt Ion:105 Resp: 111699
Ion Ratio Lower Upper
105 100
120 48.4 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 4.724 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion:105 Resp: 108330
Ion Ratio Lower Upper
105 100
120 43.9 35.0 52.4

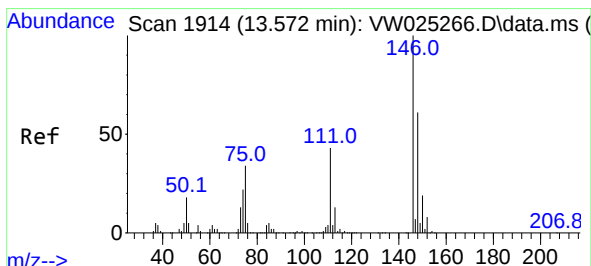
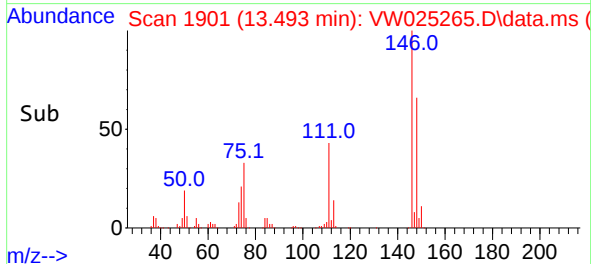
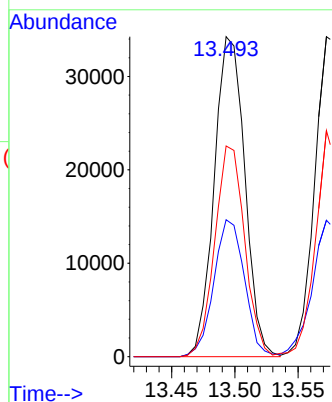
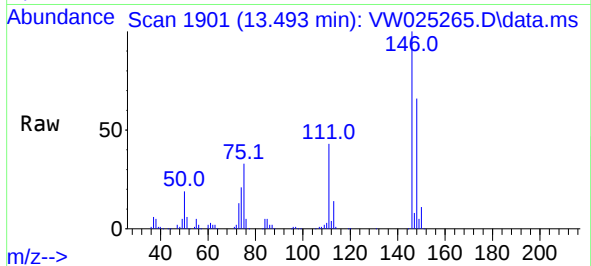




#64
1,3-Dichlorobenzene
Concen: 4.893 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

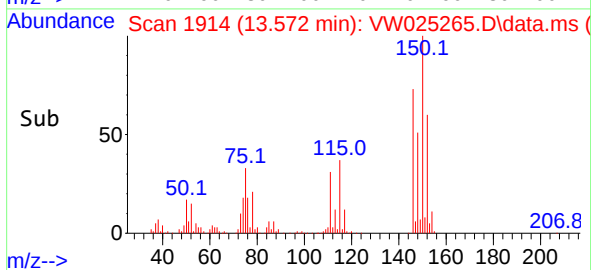
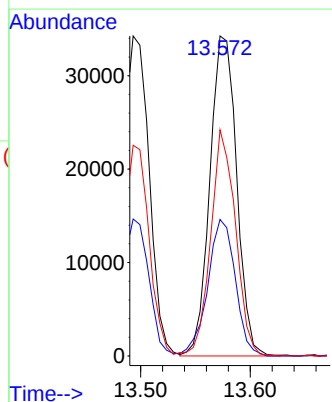
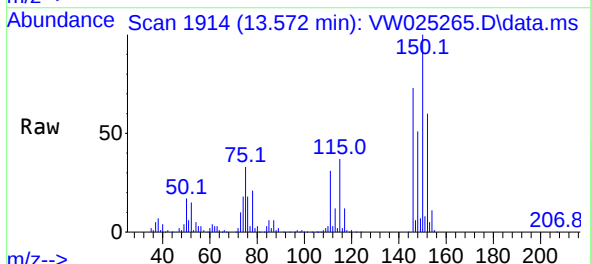
Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

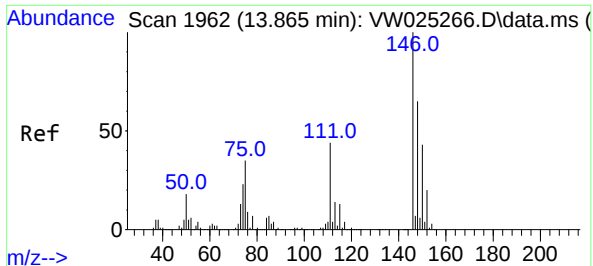
Tgt Ion:146 Resp: 57550
Ion Ratio Lower Upper
146 100
111 42.8 29.0 53.8
148 65.9 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 5.021 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion:146 Resp: 58280
Ion Ratio Lower Upper
146 100
111 42.7 29.3 54.3
148 70.6 43.8 81.4



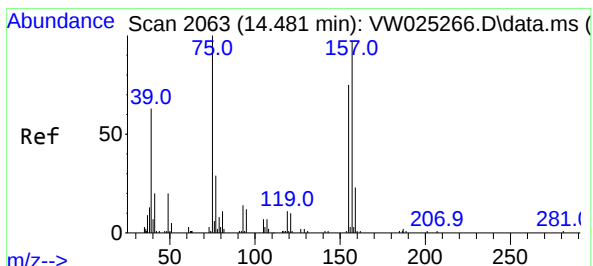
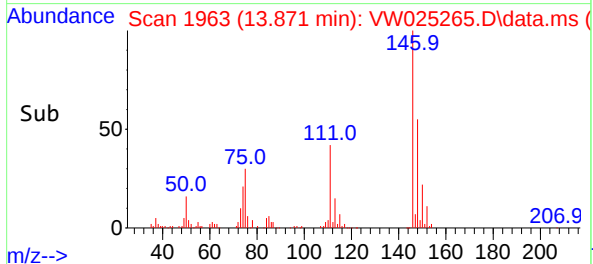
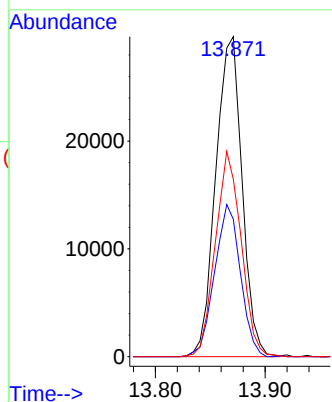
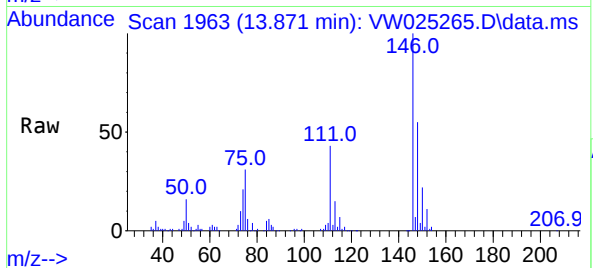


#67
1,2-Dichlorobenzene
Concen: 4.892 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

Tgt Ion:146 Resp: 49591

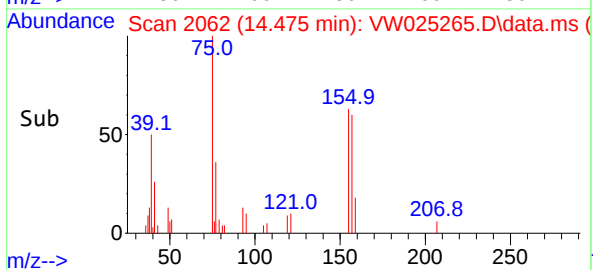
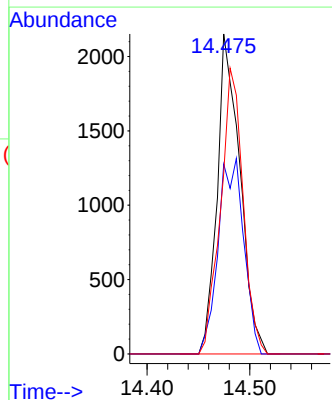
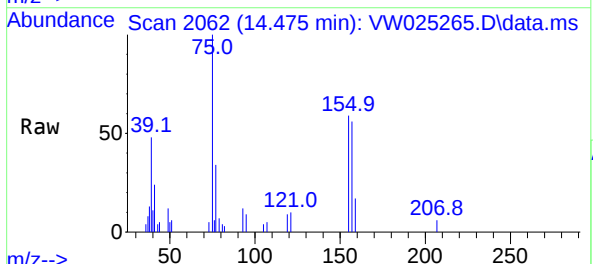
Ion	Ratio	Lower	Upper
146	100		
111	43.0	36.2	54.2
148	55.4	50.2	75.4

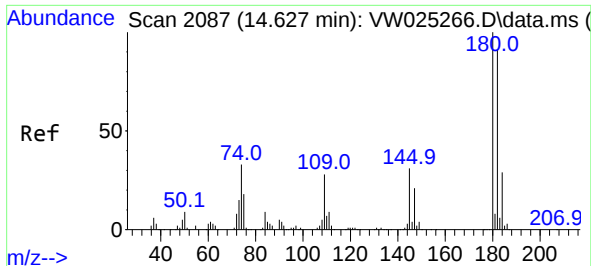


#68
1,2-Dibromo-3-chloropropane
Concen: 4.753 ug/L
RT: 14.475 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion: 75 Resp: 3309

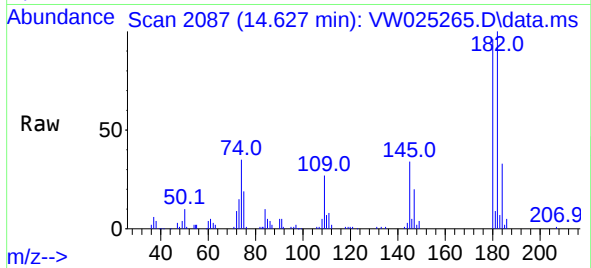
Ion	Ratio	Lower	Upper
75	100		
155	59.3	63.4	95.2#
157	56.5	82.5	123.7#



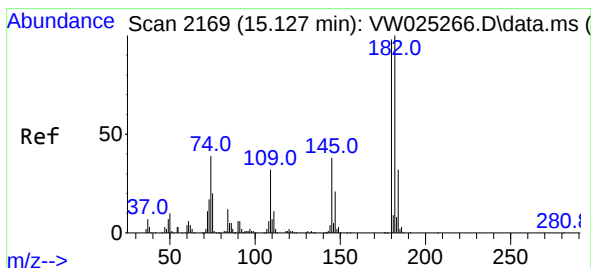
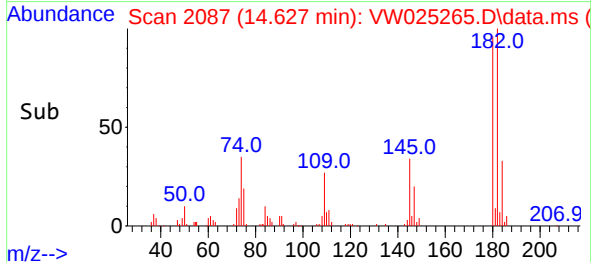
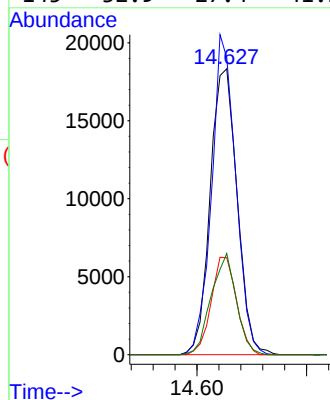


#69
1,3,5-Trichlorobenzene
Concen: 4.096 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

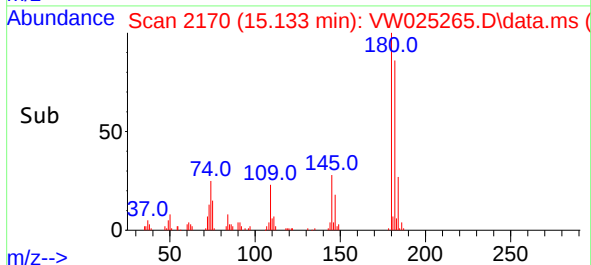
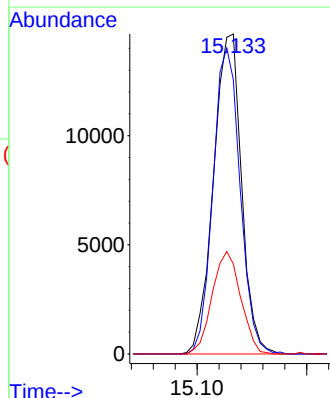
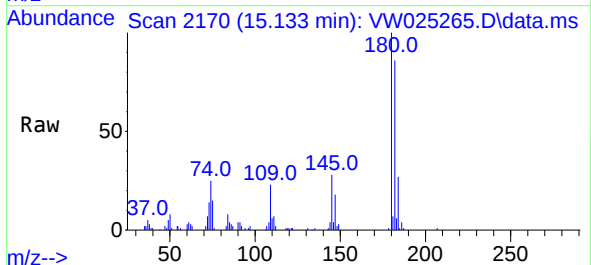


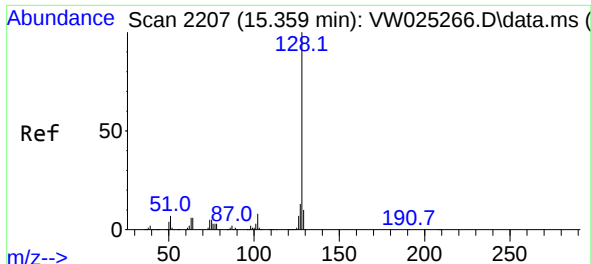
Tgt Ion:	180	Resp:	31333
Ion	Ratio	Lower	Upper
180	100		
182	100.3	77.7	116.5
184	32.1	24.4	36.6
145	32.9	27.4	41.2



#70
1,2,4-trichlorobenzene
Concen: 4.179 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion:	180	Resp:	26026
Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.4	114.6
145	32.6	27.4	41.2

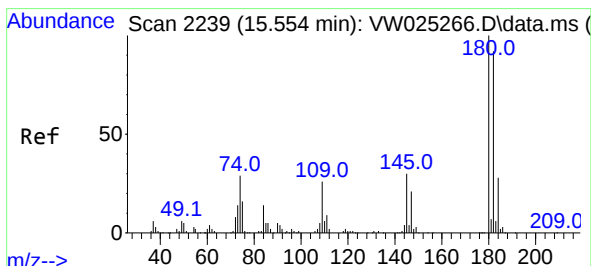
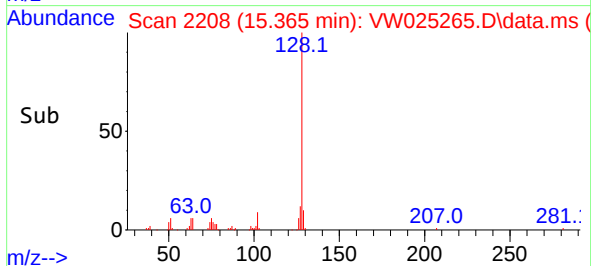
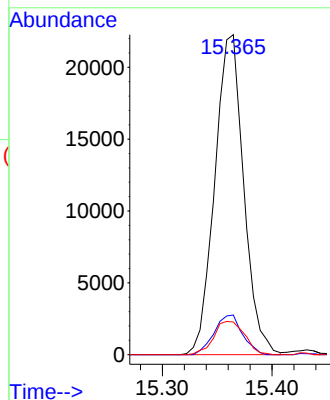
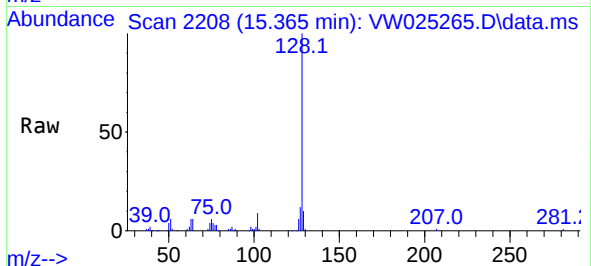




#71
Naphthalene
Concen: 3.592 ug/L
RT: 15.365 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD005420

Tgt Ion:	128	Resp:	40896
Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	11.1	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 4.193 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW025265.D
Acq: 03 Feb 2023 08:43

Tgt Ion:	180	Resp:	22424
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.1	112.7
145	37.2	28.8	43.2

