

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022024.D
 Acq On : 02 Feb 2022 11:38
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Quant Time: Feb 03 00:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 01:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	127607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	115466	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61268	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40764	26.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.080%	
7) Chloroethane-d5	2.885	69	32051	27.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.360%	
11) 1,1-Dichloroethene-d2	4.019	63	67310	24.786	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.160%	
21) 2-Butanone-d5	7.086	46	13715	50.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.620%	
24) Chloroform-d	7.647	84	75142	25.310	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.240%	
26) 1,2-Dichloroethane-d4	8.305	65	36602	24.780	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.120%	
32) Benzene-d6	8.274	84	144032	24.684	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 98.720%	
36) 1,2-Dichloropropane-d6	9.274	67	38802	24.448	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.800%	
41) Toluene-d8	10.323	98	144273	24.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.800%	
43) trans-1,3-Dichloroprop...	10.579	79	16713	24.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.160%	
47) 2-Hexanone-d5	10.926	63	12460	53.998	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.000%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32616	25.196	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 100.800%	
66) 1,2-Dichlorobenzene-d4	13.853	152	52226	23.629	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	6504	21.882	ug/L	95
3) Chloromethane	2.215	50	33986	25.343	ug/L	97
5) Vinyl chloride	2.361	62	48976	25.427	ug/L	99
6) Bromomethane	2.782	94	33607	20.519	ug/L	96
8) Chloroethane	2.922	64	25466	25.729	ug/L	98
9) Trichlorofluoromethane	3.257	101	34909	24.008	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37760	24.510	ug/L	99
12) 1,1-Dichloroethene	4.044	96	35715	25.120	ug/L	85
13) Acetone	4.147	43	14604	57.356	ug/L	98
14) Carbon disulfide	4.385	76	100794	24.305	ug/L	99
15) Methyl Acetate	4.678	43	11528	24.759	ug/L #	89
16) Methylene chloride	4.915	84	33976	22.850	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	38884	24.525	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	50324	24.755	ug/L	98
19) 1,1-Dichloroethane	6.220	63	59691	24.300	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	39475	24.263	ug/L	98
22) 2-Butanone	7.183	43	19030	57.725	ug/L	95
23) Bromochloromethane	7.512	128	19198	23.964	ug/L	97
25) Chloroform	7.677	83	67327	24.215	ug/L	98

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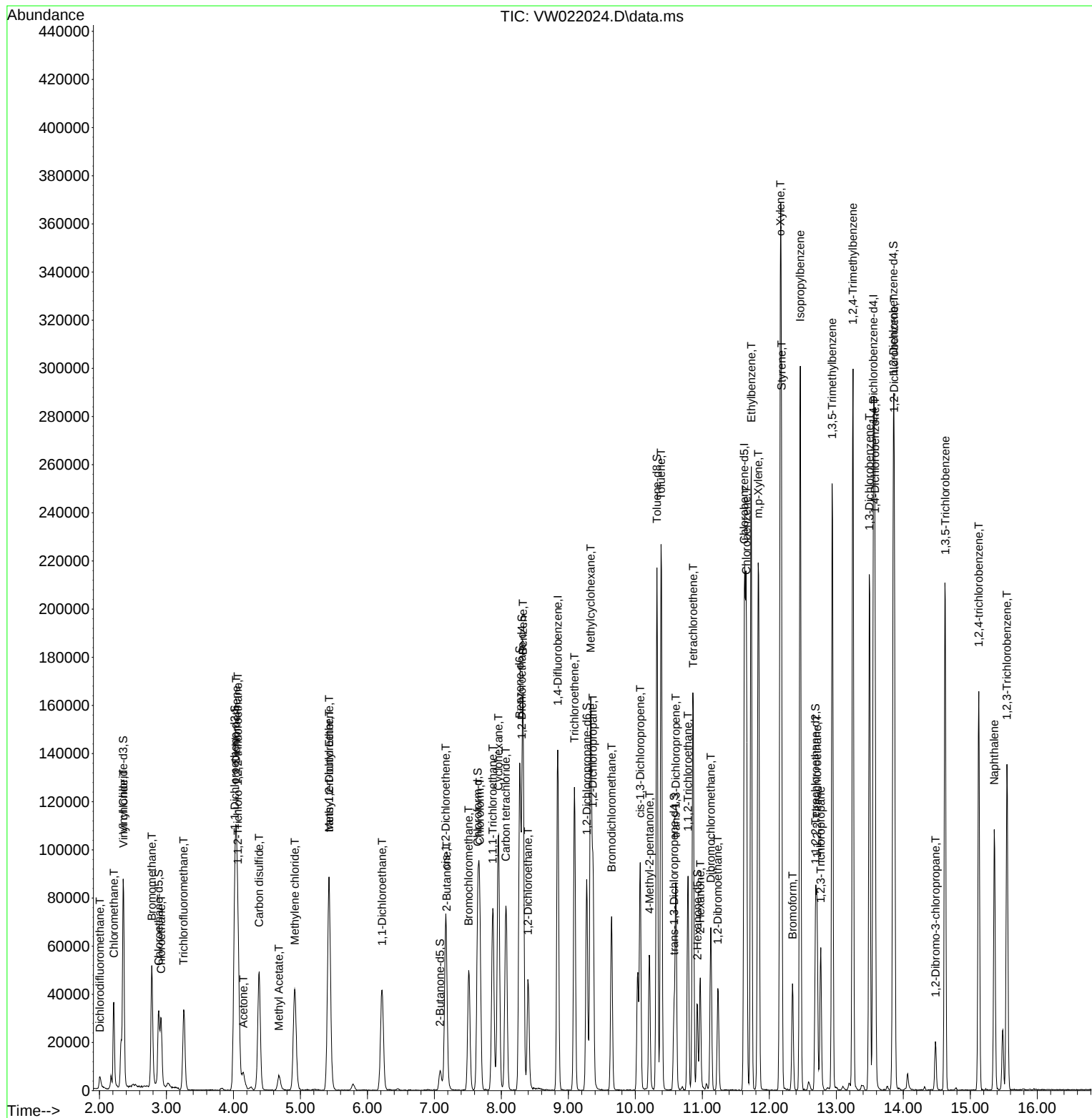
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	41278	25.221	ug/L	98
29) Cyclohexane	7.957	56	55813	24.624	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	61571	24.095	ug/L	100
31) Carbon tetrachloride	8.067	117	60079	24.021	ug/L	97
33) Benzene	8.323	78	145459	24.027	ug/L	100
34) Trichloroethene	9.091	95	42600	24.750	ug/L	92
35) Methylcyclohexane	9.335	83	71339	24.567	ug/L	99
37) 1,2-Dichloropropane	9.366	63	32685	24.582	ug/L	98
38) Bromodichloromethane	9.646	83	46712	24.600	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	53691	25.176	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	34306	52.587	ug/L	98
42) Toluene	10.384	91	169947	24.765	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	45549	24.776	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	27872	24.662	ug/L	96
46) Tetrachloroethene	10.866	164	37961	23.661	ug/L	91
48) 2-Hexanone	10.969	43	27708	57.063	ug/L	96
49) Dibromochloromethane	11.128	129	35678	25.070	ug/L	96
50) 1,2-Dibromoethane	11.231	107	27790	24.836	ug/L #	96
51) Chlorobenzene	11.658	112	111944	23.969	ug/L	96
52) Ethylbenzene	11.731	91	186065	24.574	ug/L	98
53) m,p-Xylene	11.835	106	78253	24.910	ug/L	97
54) o-Xylene	12.164	106	71852	24.451	ug/L	88
55) Styrene	12.182	104	116328	24.507	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	31520	25.623	ug/L	98
59) Bromoform	12.347	173	19887	24.577	ug/L #	96
60) Isopropylbenzene	12.463	105	196260	24.518	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	22396	25.092	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	135192	25.465	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	164150	25.378	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	92898	24.222	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	90978	23.698	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	81573	23.931	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4529	24.941	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	65840	23.878	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	52170	23.819	ug/L	97
71) Naphthalene	15.359	128	93438	26.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	46070	24.610	ug/L	95

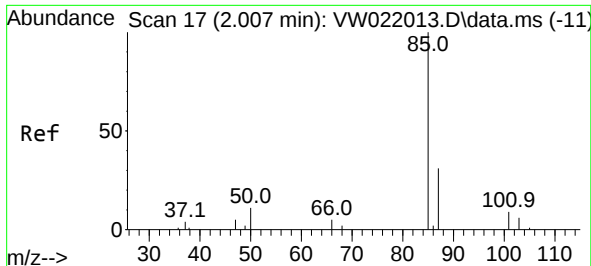
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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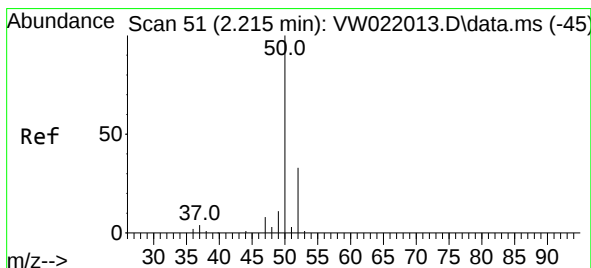
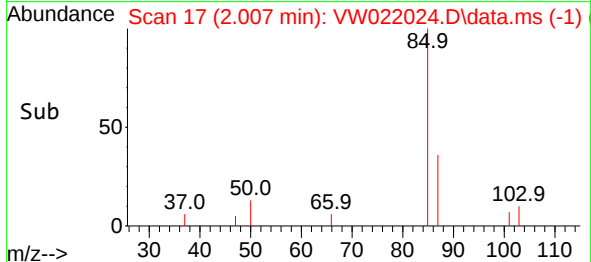
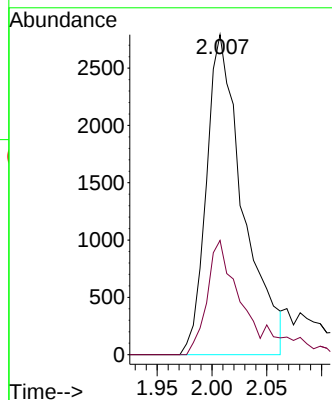
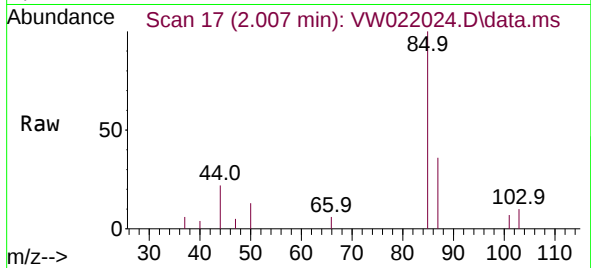




#2
 Dichlorodifluoromethane
 Concen: 21.882 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022024.D
 Acq: 02 Feb 2022 11:38

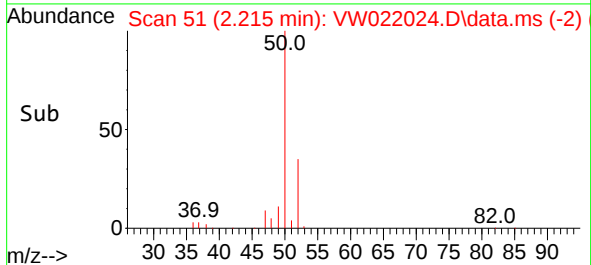
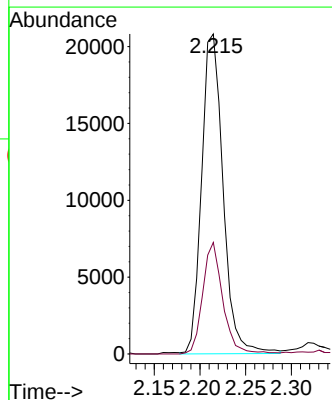
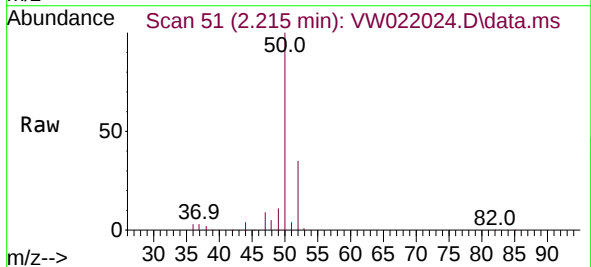
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

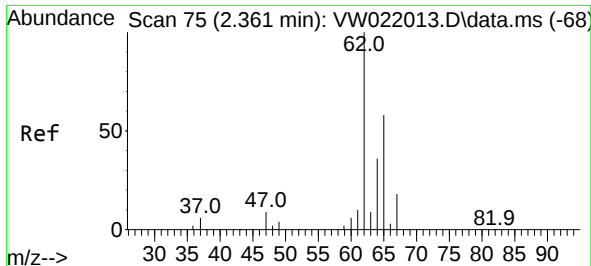
Tgt Ion: 85 Resp: 6504
 Ion Ratio Lower Upper
 85 100
 87 29.9 26.2 39.4



#3
 Chloromethane
 Concen: 25.343 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022024.D
 Acq: 02 Feb 2022 11:38

Tgt Ion: 50 Resp: 33986
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.3 43.3

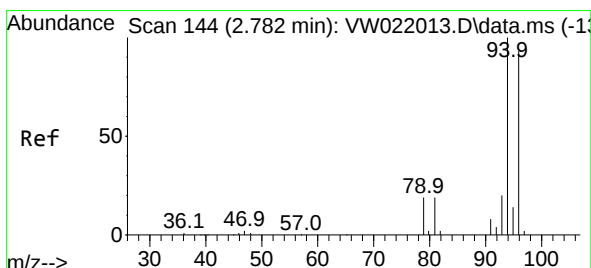
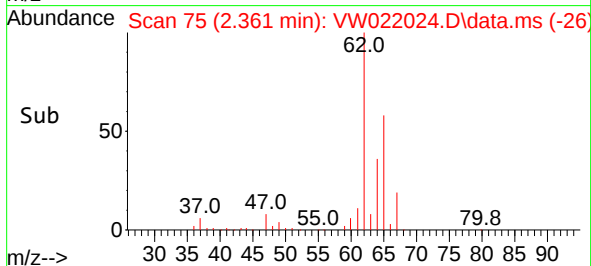
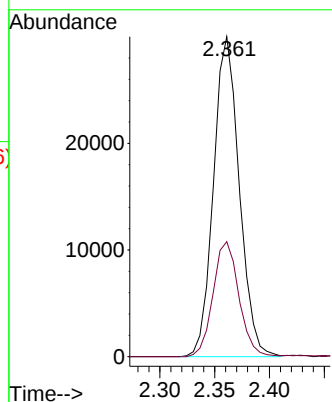
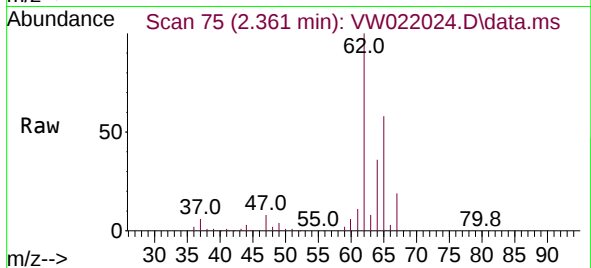




#5
 Vinyl chloride
 Concen: 25.427 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022024.D
 Acq: 02 Feb 2022 11:38

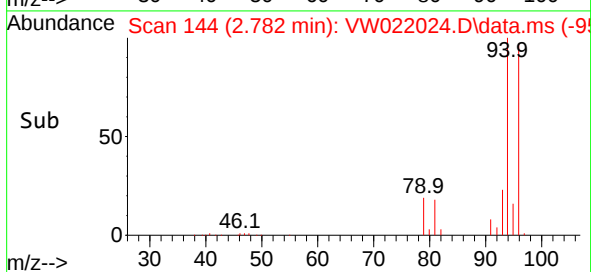
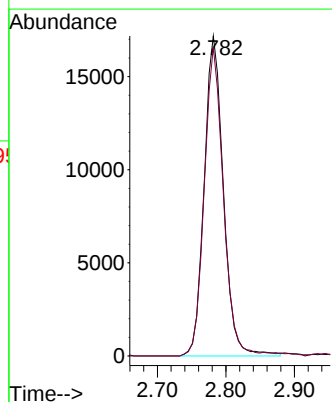
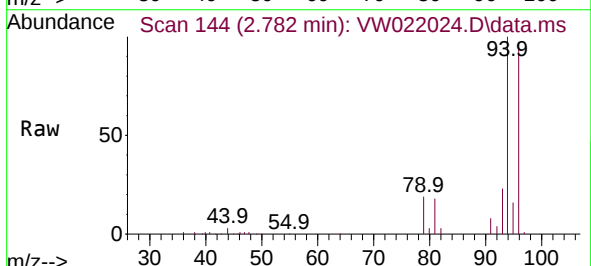
Instrument :
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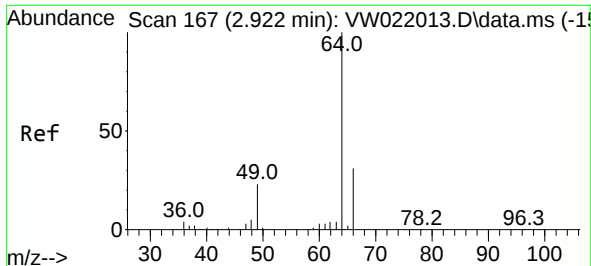
Tgt Ion: 62 Resp: 48976
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.6 45.6



#6
 Bromomethane
 Concen: 20.519 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022024.D
 Acq: 02 Feb 2022 11:38

Tgt Ion: 94 Resp: 33607
 Ion Ratio Lower Upper
 94 100
 96 96.5 64.6 120.0

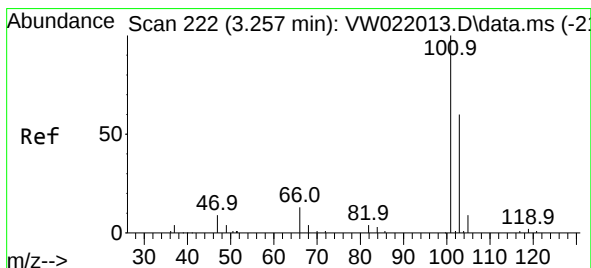
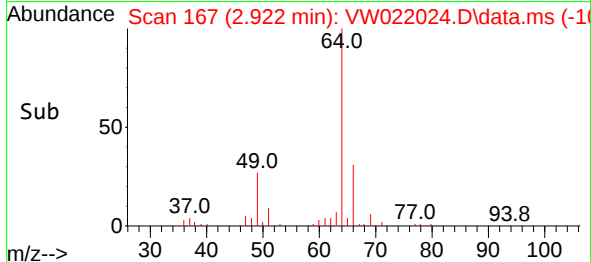
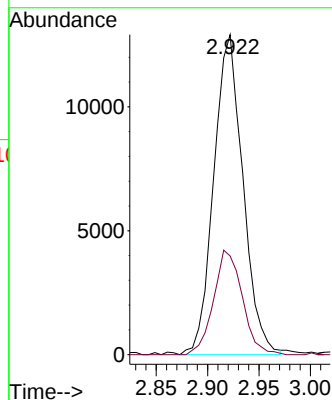
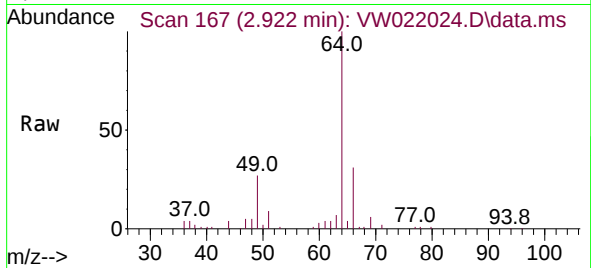




#8
Chloroethane
Concen: 25.729 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

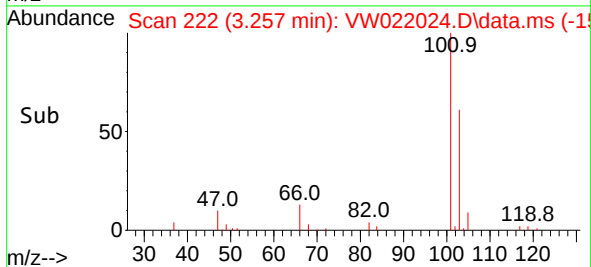
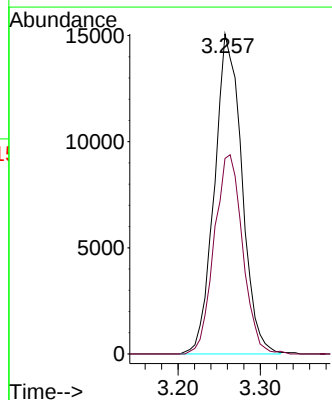
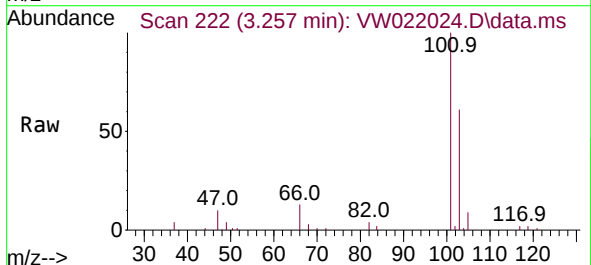
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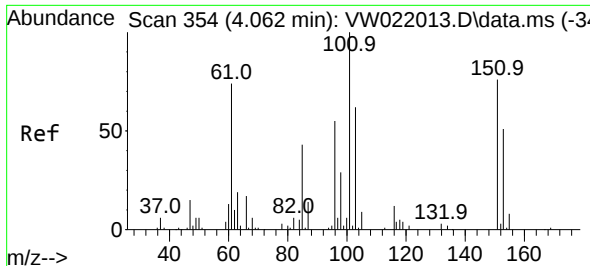
Tgt Ion: 64 Resp: 25466
Ion Ratio Lower Upper
64 100
66 30.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.008 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 101 Resp: 34909
Ion Ratio Lower Upper
101 100
103 64.3 52.9 79.3

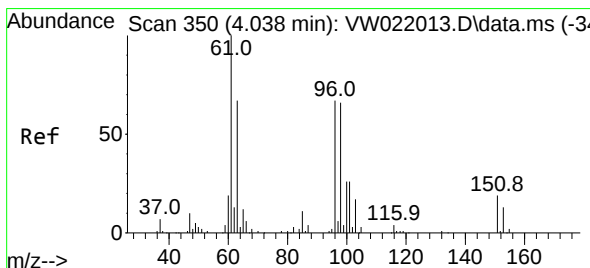
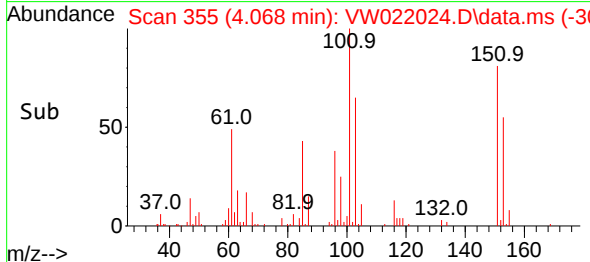
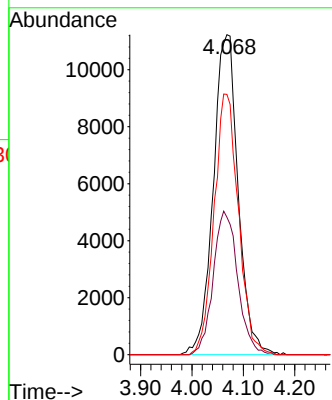
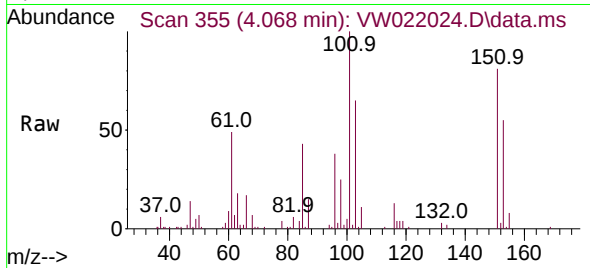




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.510 ug/L
RT: 4.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

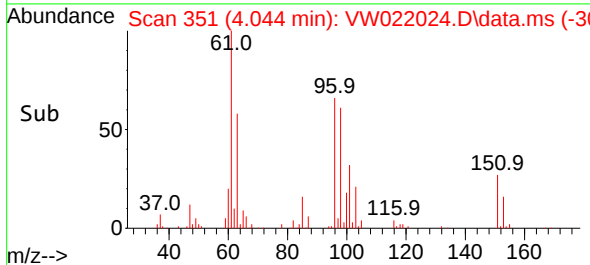
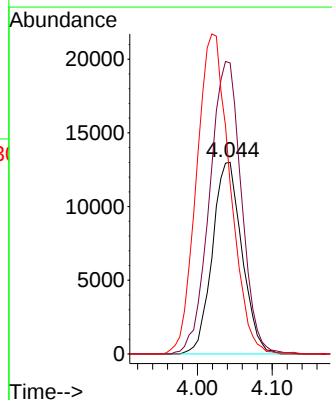
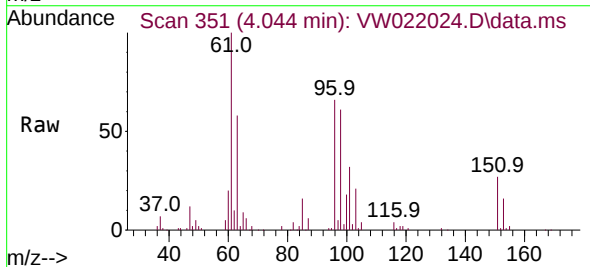
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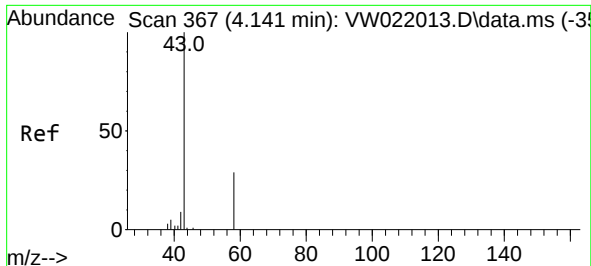
Tgt Ion:101 Resp: 37760
Ion Ratio Lower Upper
101 100
85 44.1 36.8 55.2
151 79.6 64.1 96.1



#12
1,1-Dichloroethene
Concen: 25.120 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 96 Resp: 35715
Ion Ratio Lower Upper
96 100
61 151.9 111.5 207.1
63 88.8 83.1 154.3





#13

Acetone

Concen: 57.356 ug/L

RT: 4.147 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

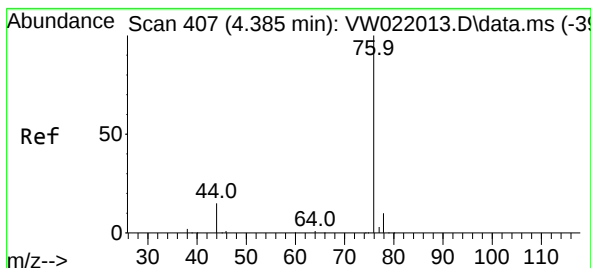
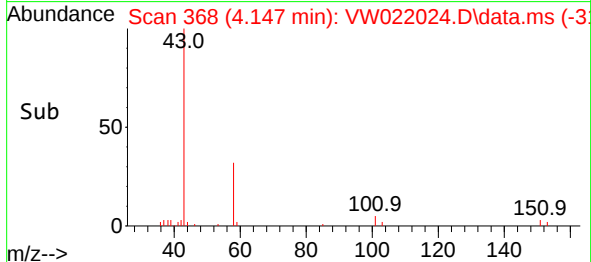
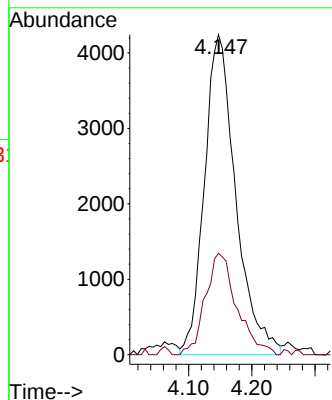
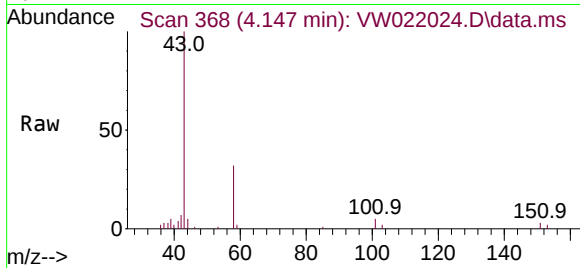
VSTD025551

Tgt Ion: 43 Resp: 14604

Ion Ratio Lower Upper

43 100

58 31.8 0.0 66.0



#14

Carbon disulfide

Concen: 24.305 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

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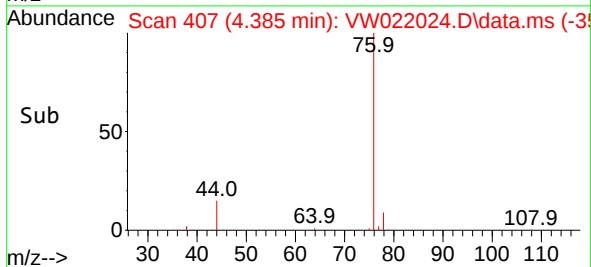
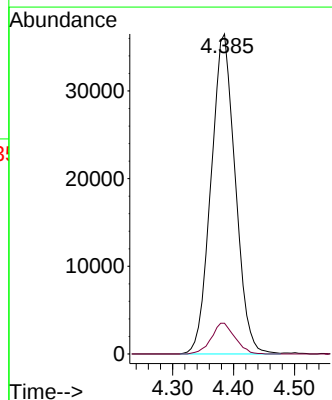
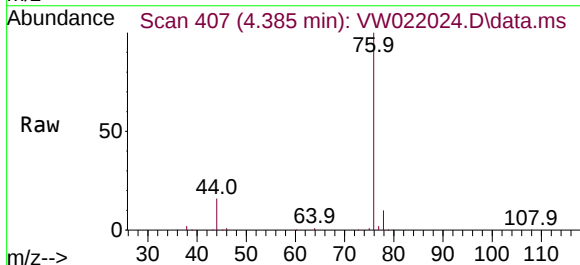
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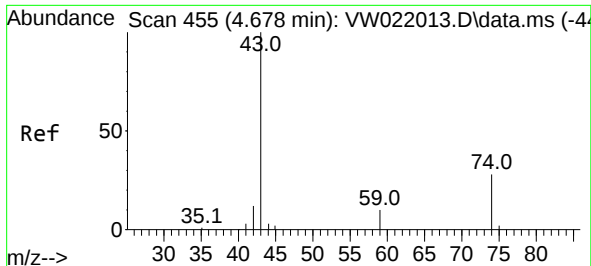
Tgt Ion: 76 Resp: 100794

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

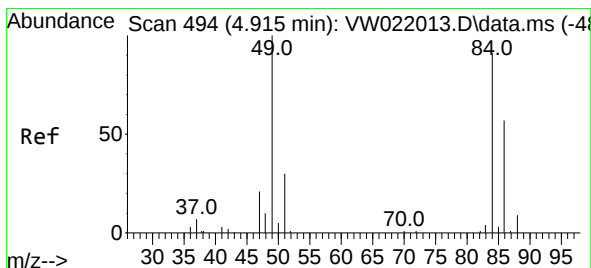
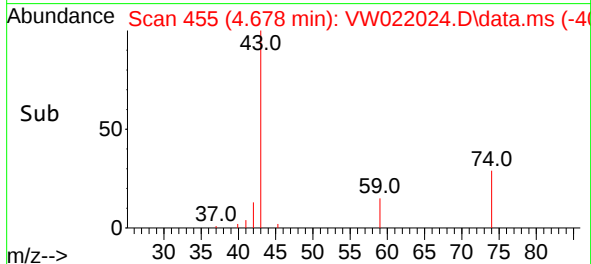
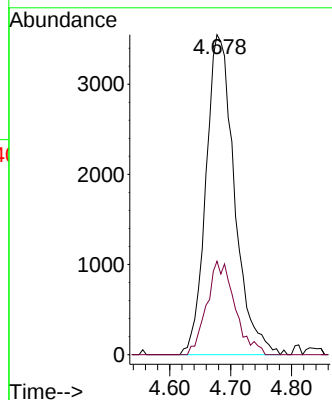
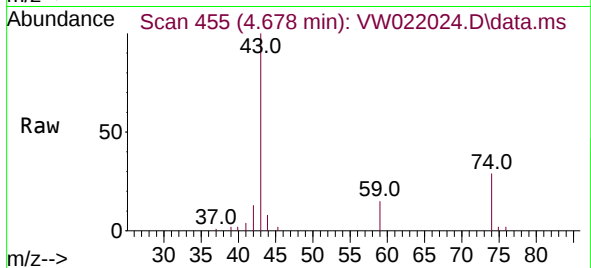




#15
Methyl Acetate
Concen: 24.759 ug/L
RT: 4.678 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

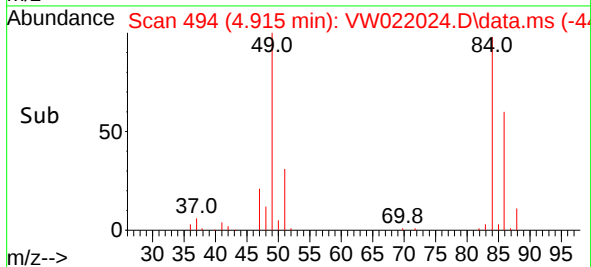
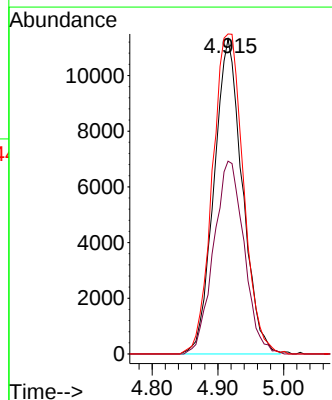
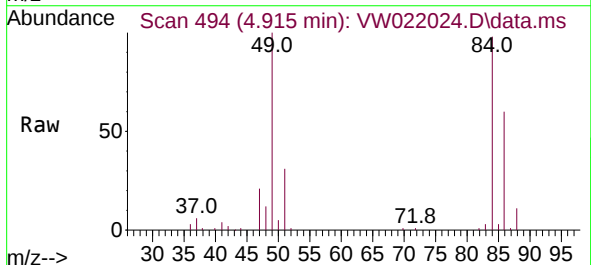
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

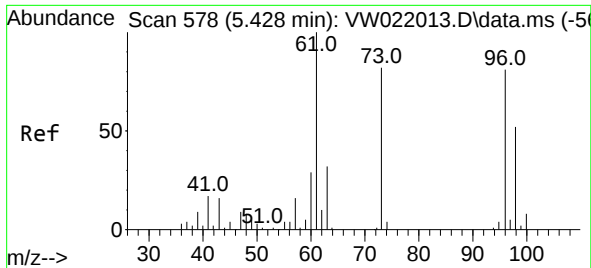
Tgt Ion: 43 Resp: 11528
Ion Ratio Lower Upper
43 100
74 27.7 18.0 27.0#



#16
Methylene chloride
Concen: 22.850 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 84 Resp: 33976
Ion Ratio Lower Upper
84 100
86 61.3 44.1 81.9
49 101.8 74.7 138.7





#17

trans-1,2-Dichloroethene

Concen: 24.525 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

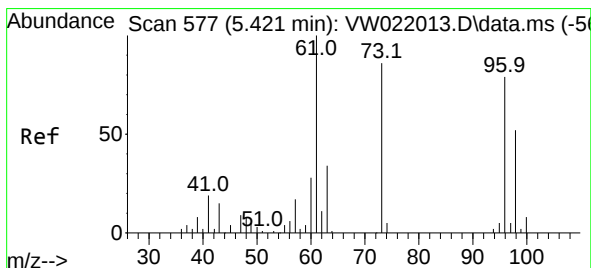
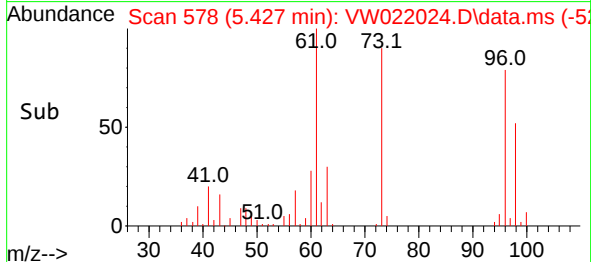
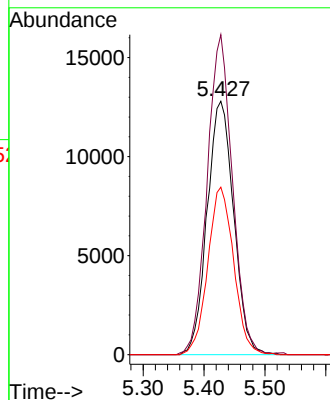
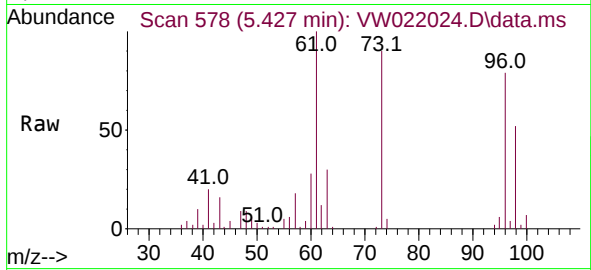
Tgt Ion: 96 Resp: 38884

Ion Ratio Lower Upper

96 100

61 126.3 84.3 156.5

98 66.1 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 24.755 ug/L

RT: 5.427 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

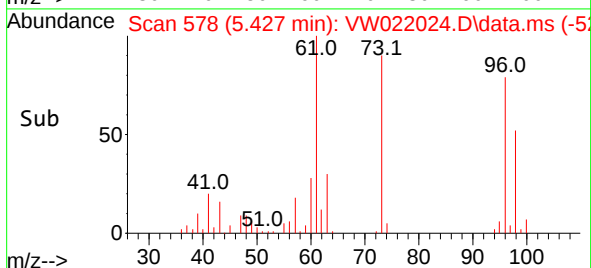
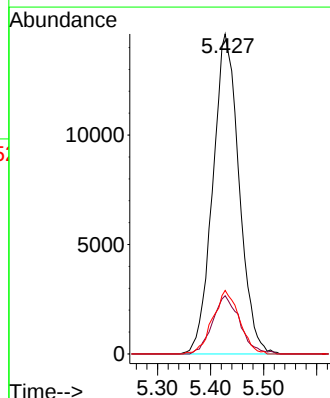
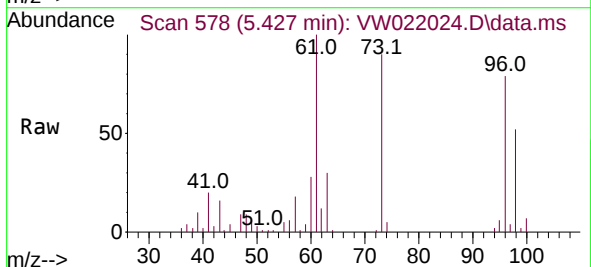
Tgt Ion: 73 Resp: 50324

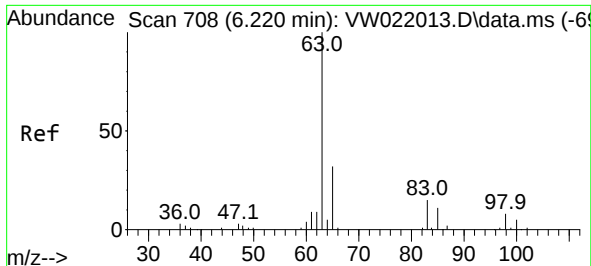
Ion Ratio Lower Upper

73 100

43 18.8 15.3 22.9

57 19.2 16.3 24.5





#19

1,1-Dichloroethane

Concen: 24.300 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

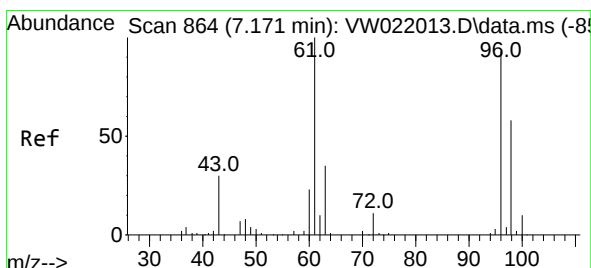
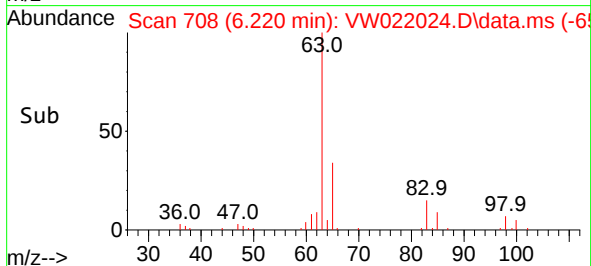
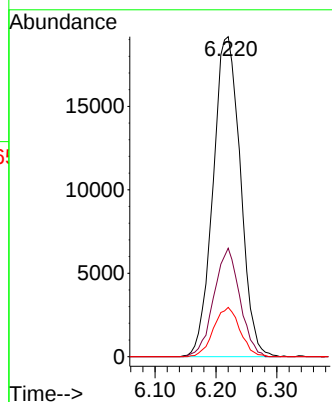
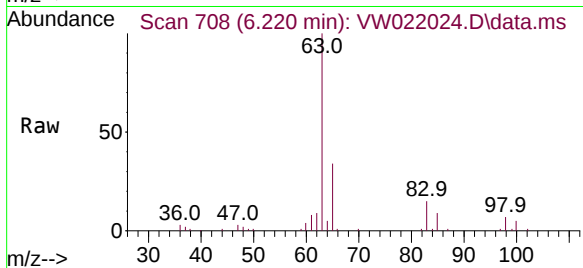
Tgt Ion: 63 Resp: 59691

Ion Ratio Lower Upper

63 100

65 33.9 20.9 38.7

83 15.4 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 24.263 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

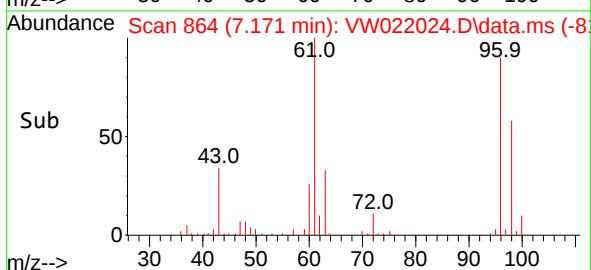
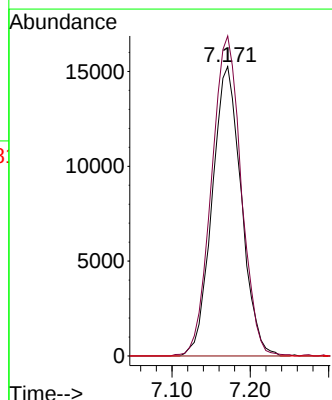
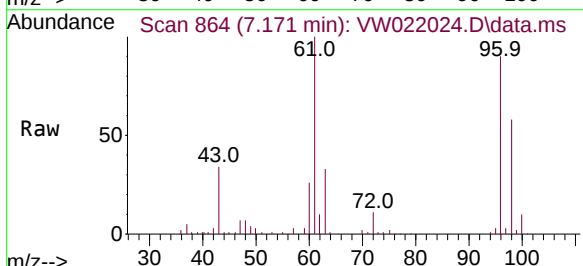
Tgt Ion: 96 Resp: 39475

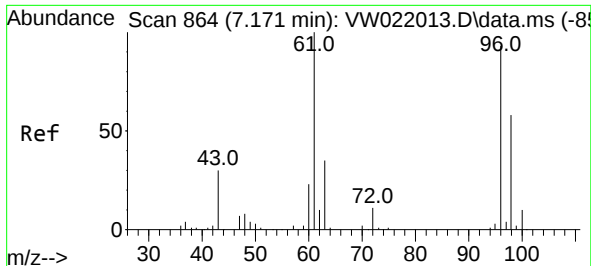
Ion Ratio Lower Upper

96 100

61 110.6 79.0 146.8

68 0.0 0.0 0.0

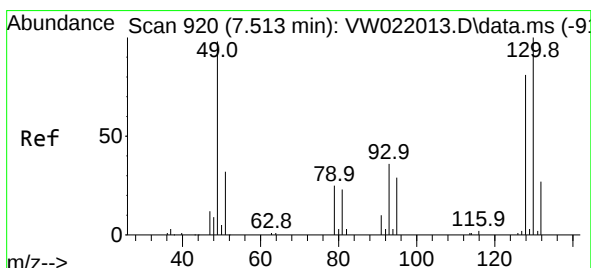
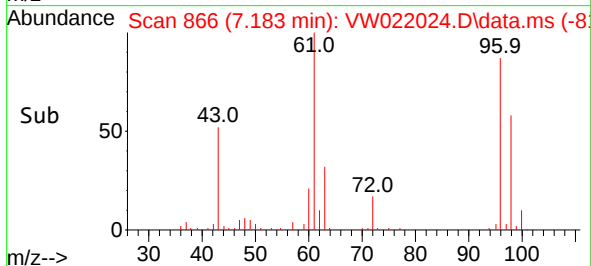
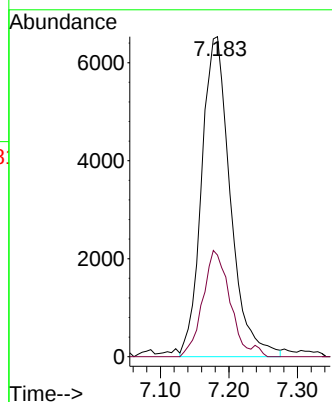
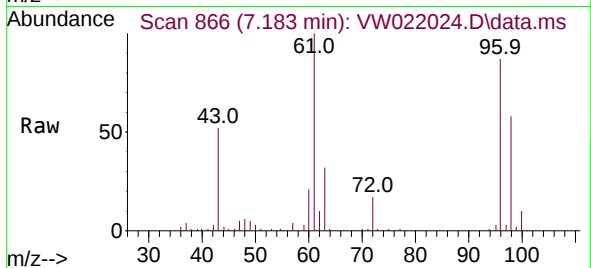




#22
2-Butanone
Concen: 57.725 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

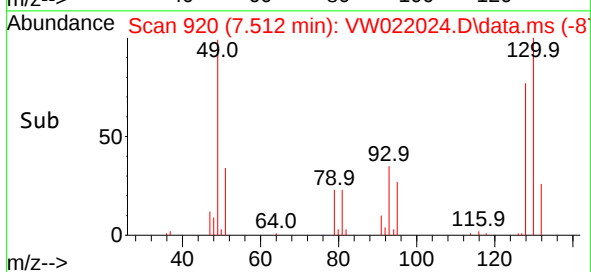
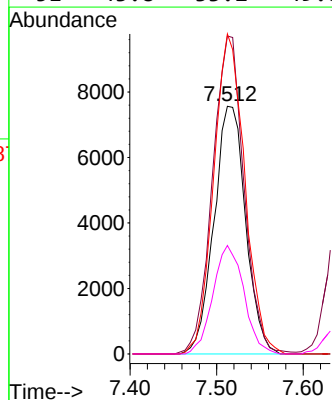
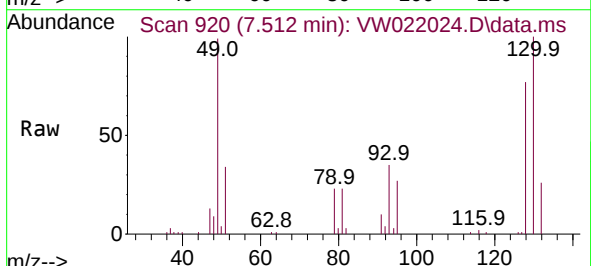
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

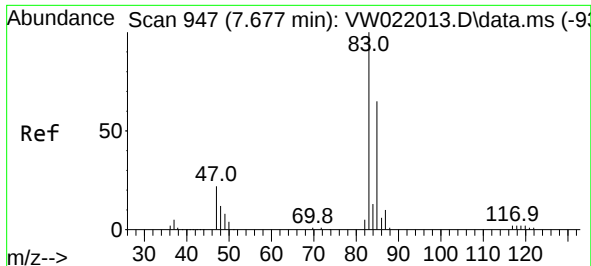
Tgt Ion: 43 Resp: 19030
Ion Ratio Lower Upper
43 100
72 31.0 16.8 50.4



#23
Bromochloromethane
Concen: 23.964 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 128 Resp: 19198
Ion Ratio Lower Upper
128 100
49 128.4 92.7 172.3
130 129.2 92.5 171.7
51 43.8 33.2 49.8

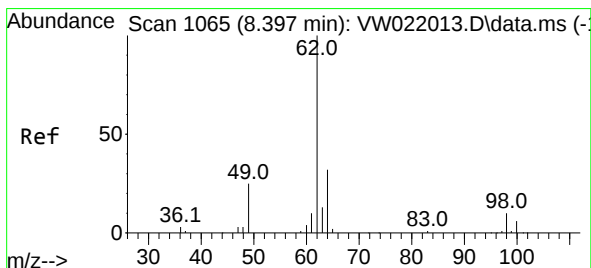
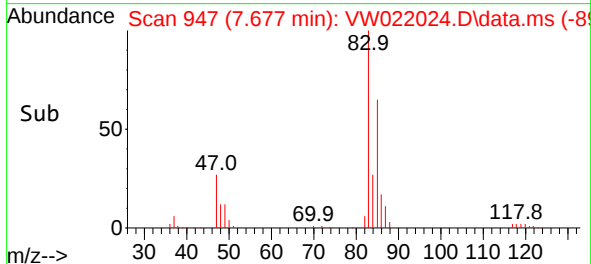
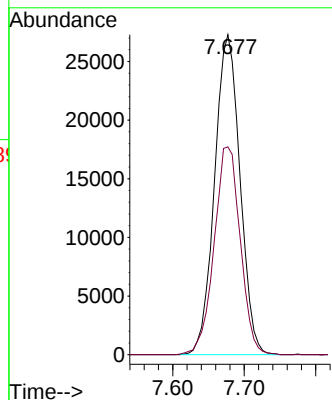
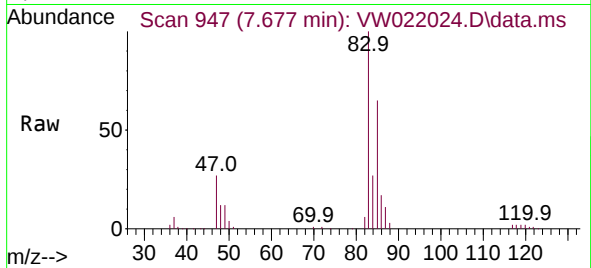




#25
Chloroform
Concen: 24.215 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

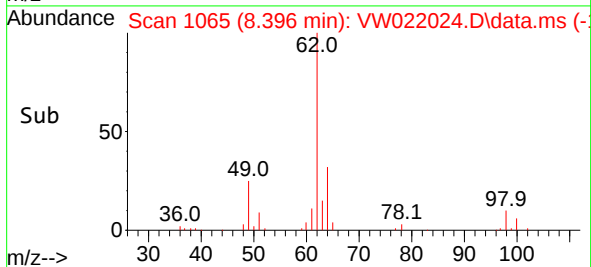
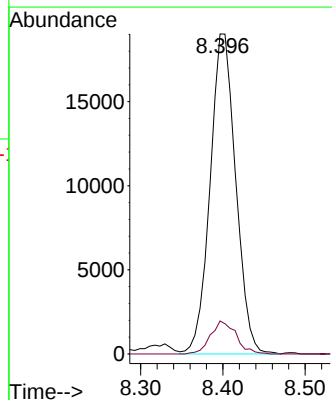
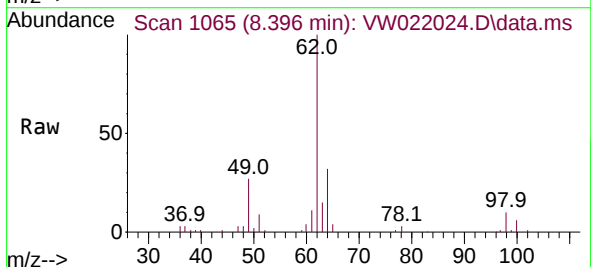
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

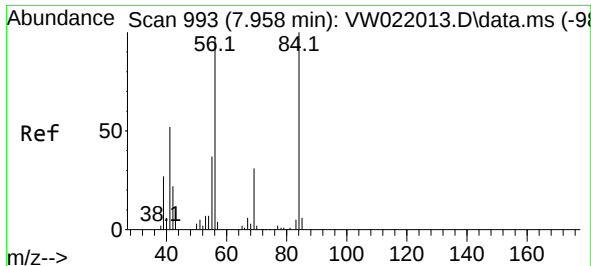
Tgt Ion: 83 Resp: 67327
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.2



#27
1,2-Dichloroethane
Concen: 25.221 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

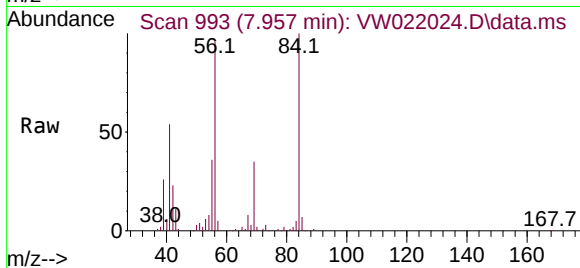
Tgt Ion: 62 Resp: 41278
Ion Ratio Lower Upper
62 100
98 10.3 8.8 13.2



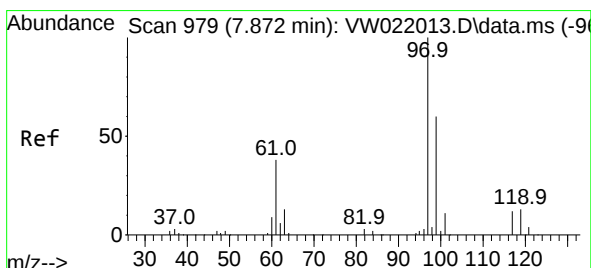
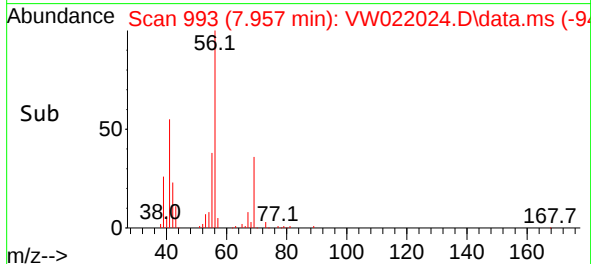
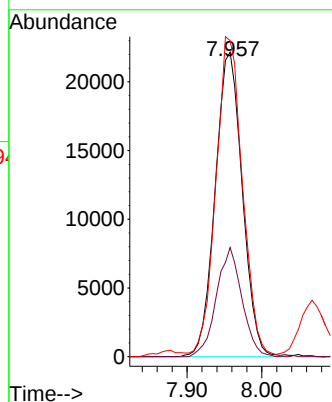


#29
Cyclohexane
Concen: 24.624 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

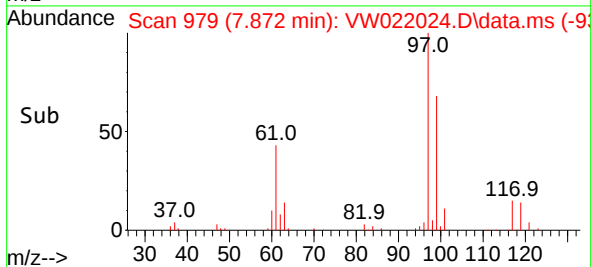
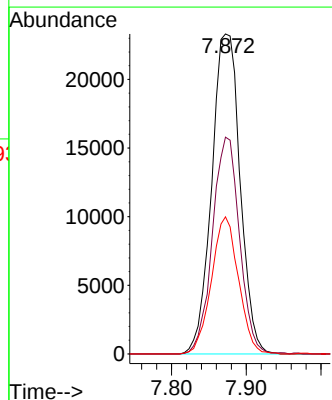
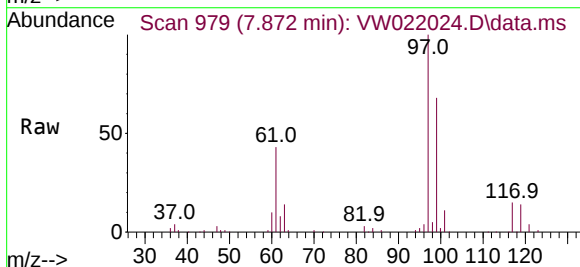


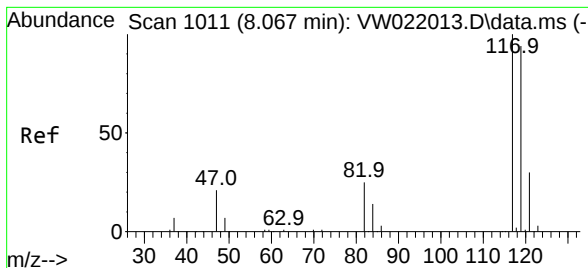
Tgt Ion:	56	Resp:	55813
Ion	Ratio	Lower	Upper
56	100		
69	33.7	26.3	39.5
84	103.4	82.3	123.5



#30
1,1,1-Trichloroethane
Concen: 24.095 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion:	97	Resp:	61571
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	40.9	32.3	48.5

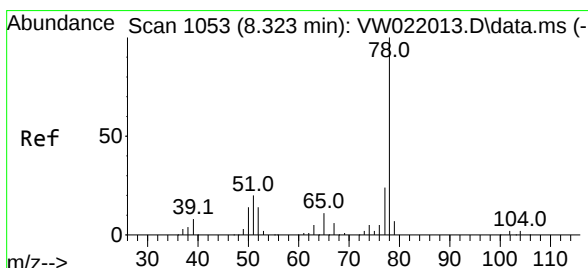
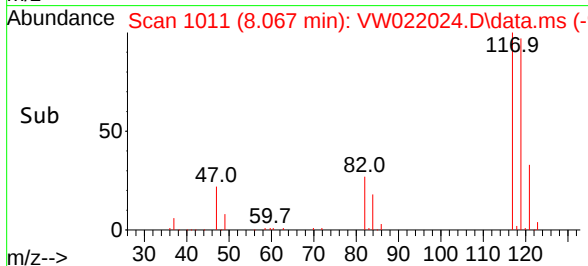
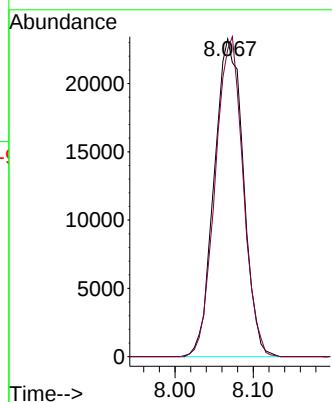
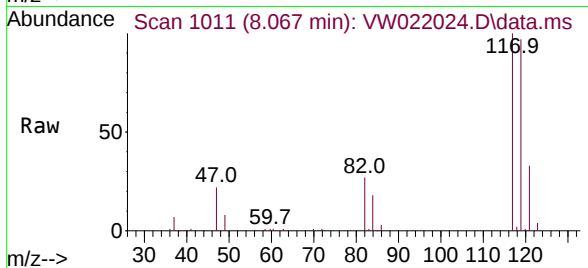




#31
Carbon tetrachloride
Concen: 24.021 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

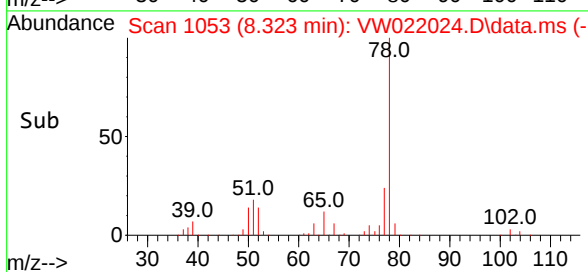
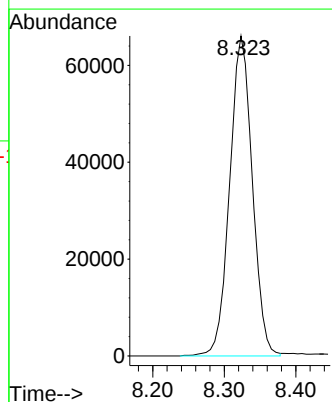
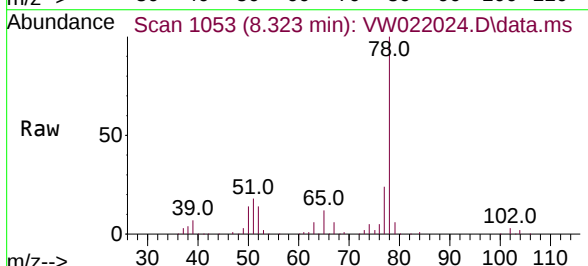
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

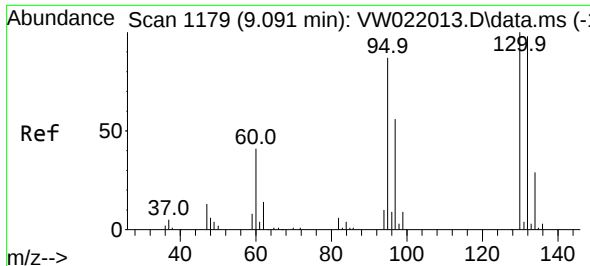
Tgt Ion:117 Resp: 60079
Ion Ratio Lower Upper
117 100
119 96.2 74.7 112.1



#33
Benzene
Concen: 24.027 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 78 Resp: 145459





#34

Trichloroethene

Concen: 24.750 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

Tgt Ion: 95 Resp: 42600

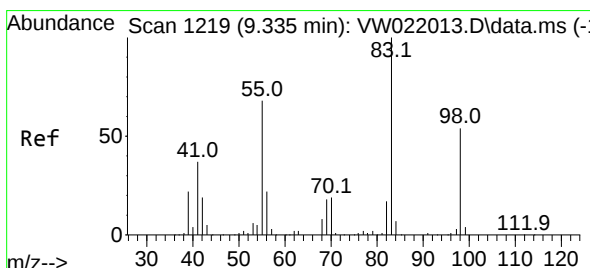
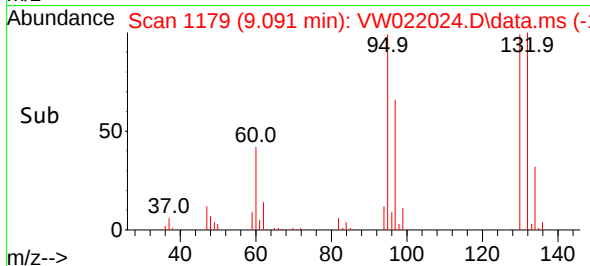
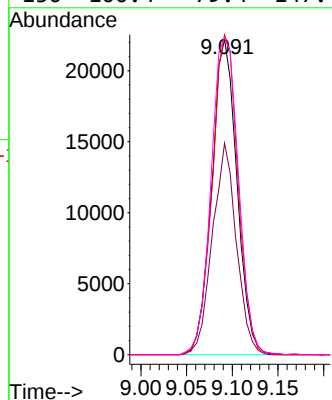
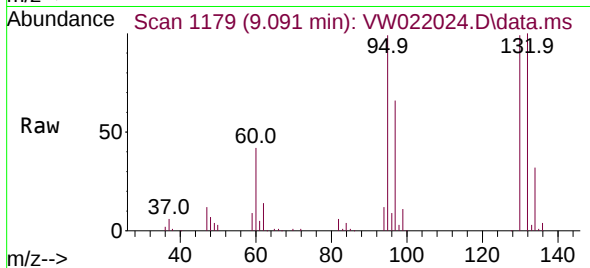
Ion Ratio Lower Upper

95 100

97 67.1 45.1 83.7

132 101.4 76.1 141.3

130 100.4 79.4 147.4



#35

Methylcyclohexane

Concen: 24.567 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

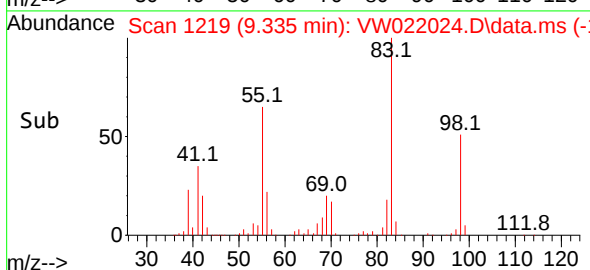
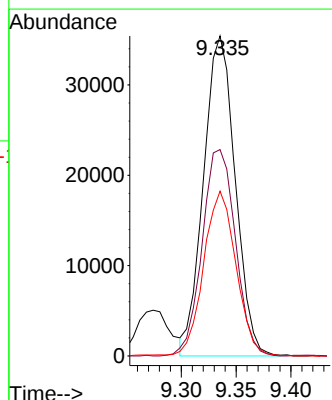
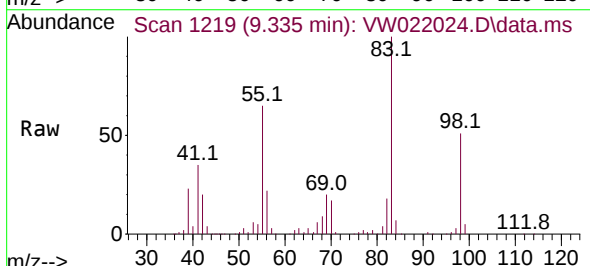
Tgt Ion: 83 Resp: 71339

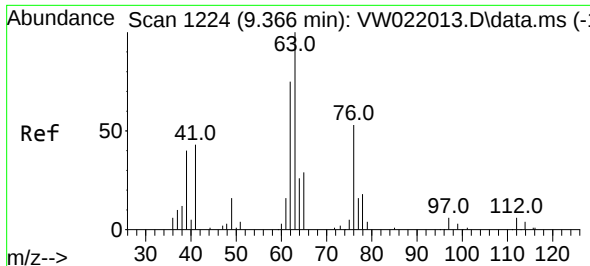
Ion Ratio Lower Upper

83 100

55 67.7 53.4 80.2

98 52.5 42.6 63.8





#37

1,2-Dichloropropane

Concen: 24.582 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

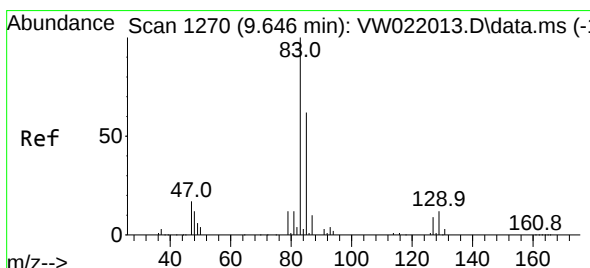
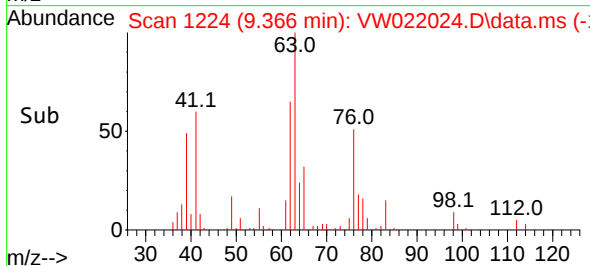
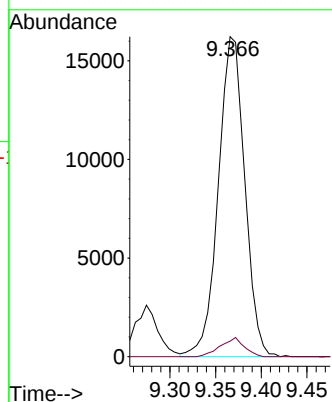
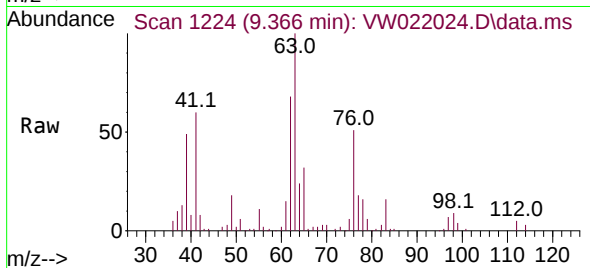
VSTD025551

Tgt Ion: 63 Resp: 32685

Ion Ratio Lower Upper

63 100

112 5.4 4.7 7.1



#38

Bromodichloromethane

Concen: 24.600 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

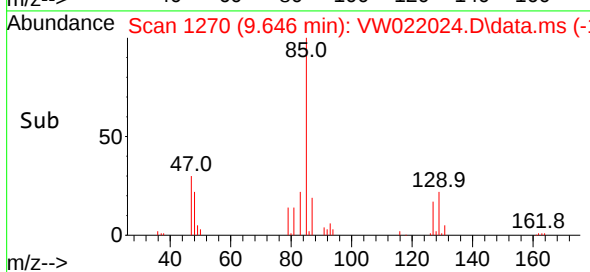
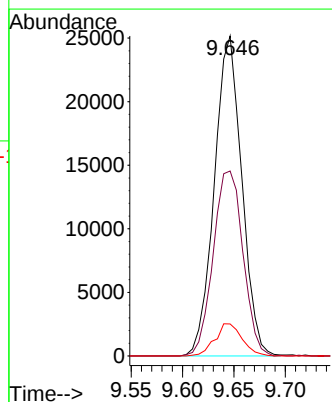
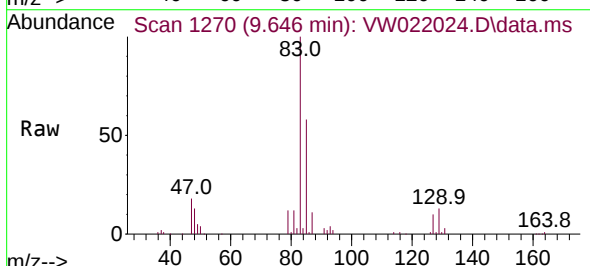
Tgt Ion: 83 Resp: 46712

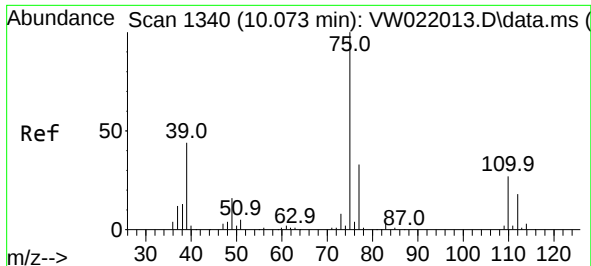
Ion Ratio Lower Upper

83 100

85 57.8 44.7 83.1

127 10.0 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 25.176 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

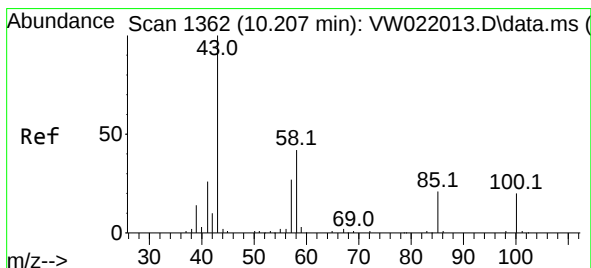
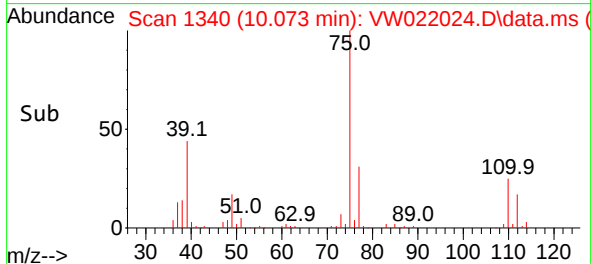
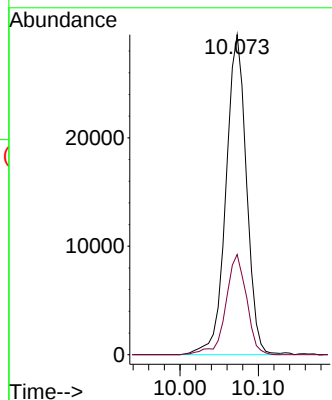
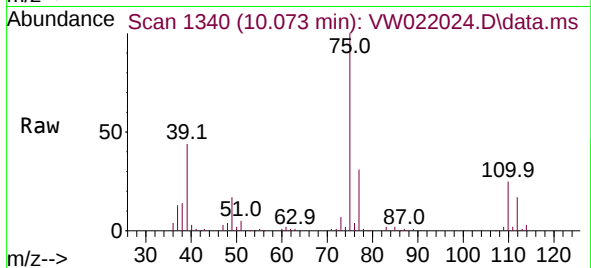
VSTD025551

Tgt Ion: 75 Resp: 53691

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 52.587 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

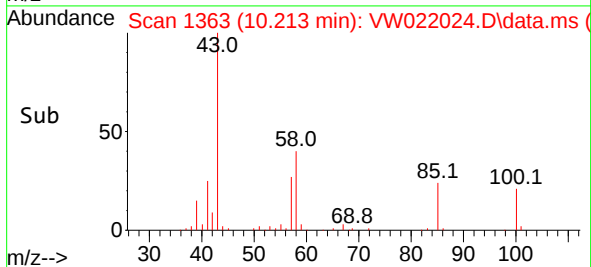
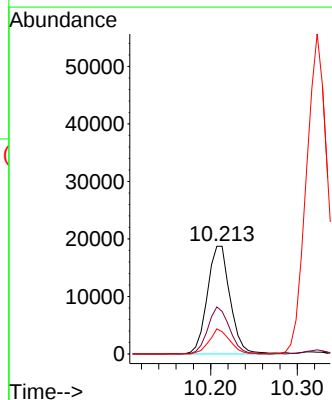
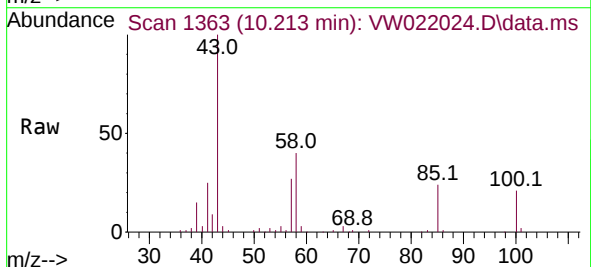
Tgt Ion: 43 Resp: 34306

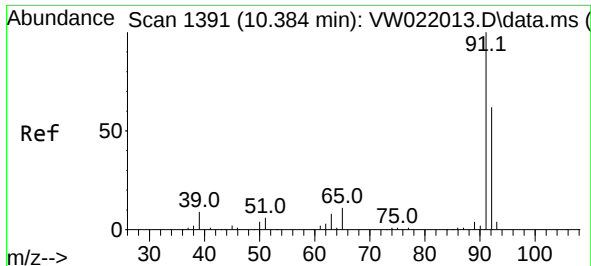
Ion Ratio Lower Upper

43 100

58 41.6 34.4 51.6

100 20.9 17.0 25.4





#42

Toluene

Concen: 24.765 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

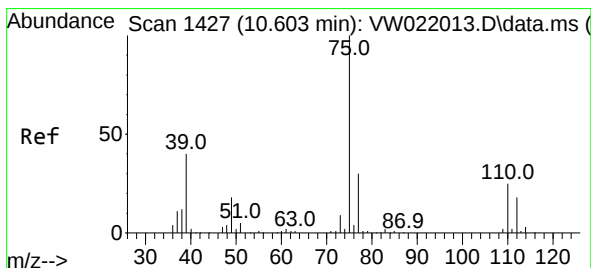
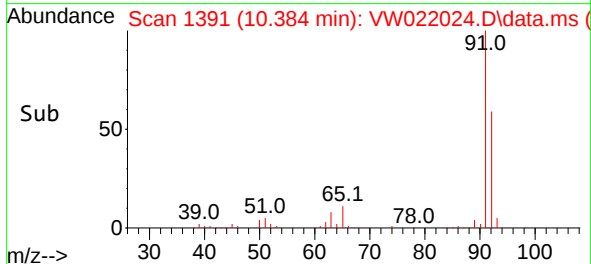
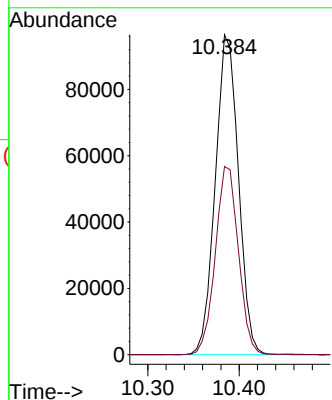
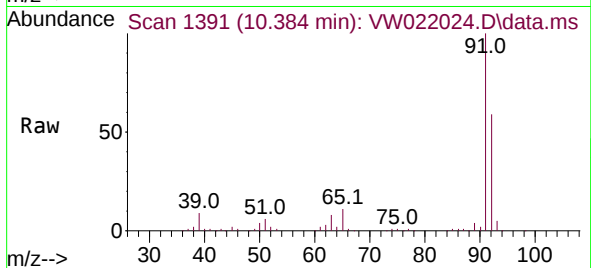
VSTD025551

Tgt Ion: 91 Resp: 169947

Ion Ratio Lower Upper

91 100

92 58.8 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 24.776 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022024.D

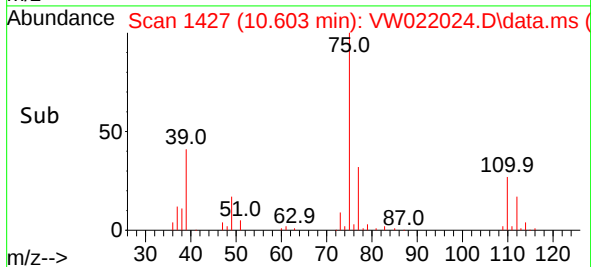
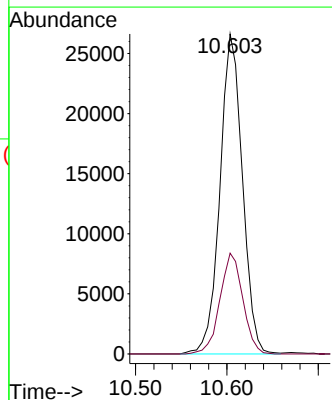
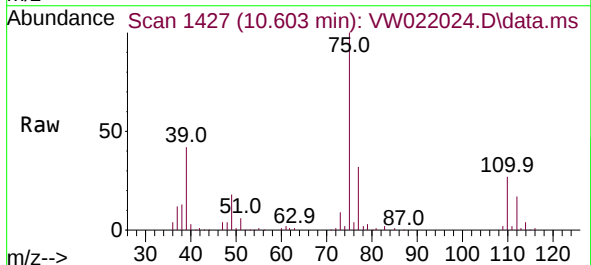
Acq: 02 Feb 2022 11:38

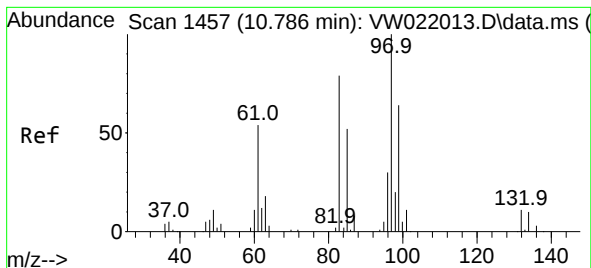
Tgt Ion: 75 Resp: 45549

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 24.662 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

Tgt Ion: 97 Resp: 27872

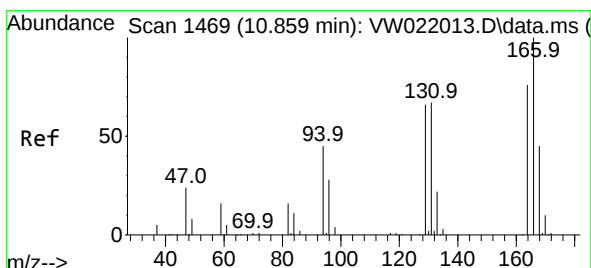
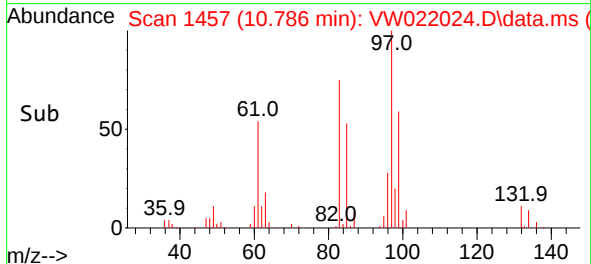
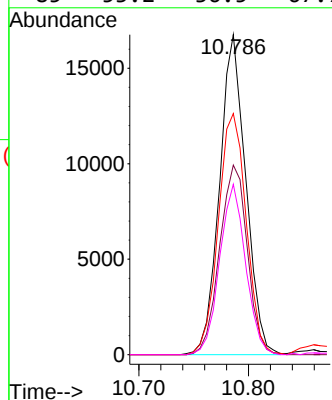
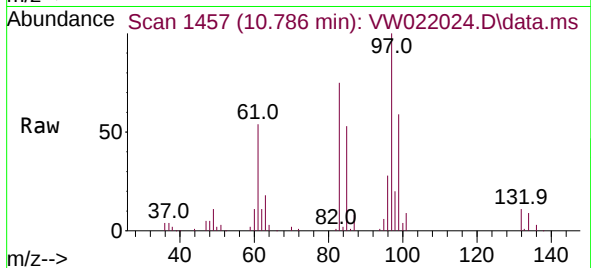
Ion Ratio Lower Upper

97 100

99 59.2 43.8 81.4

83 75.4 56.1 104.3

85 53.2 36.5 67.7



#46

Tetrachloroethene

Concen: 23.661 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Tgt Ion:164 Resp: 37961

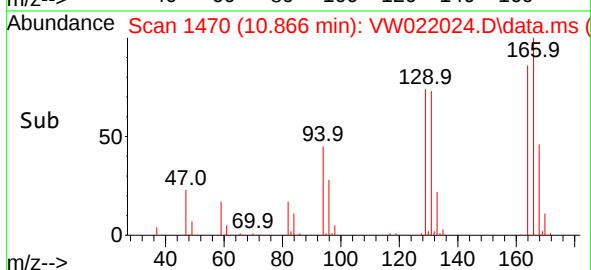
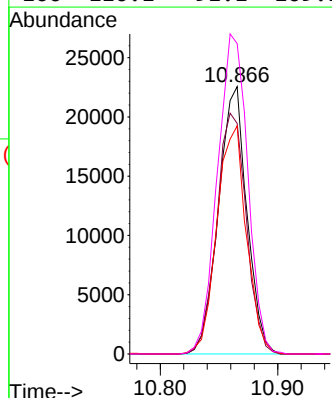
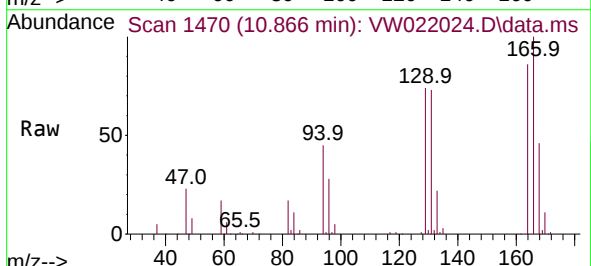
Ion Ratio Lower Upper

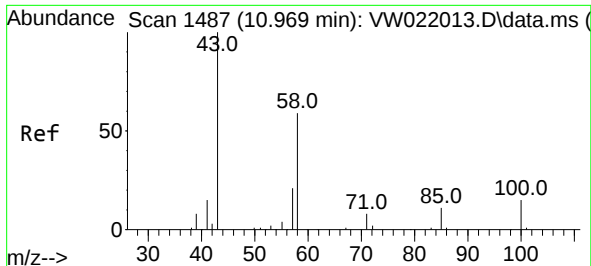
164 100

129 86.2 62.6 116.2

131 85.2 67.1 124.7

166 116.1 91.1 169.1

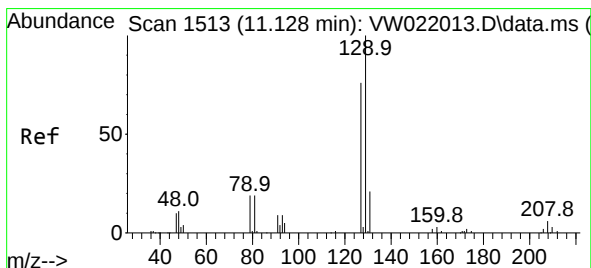
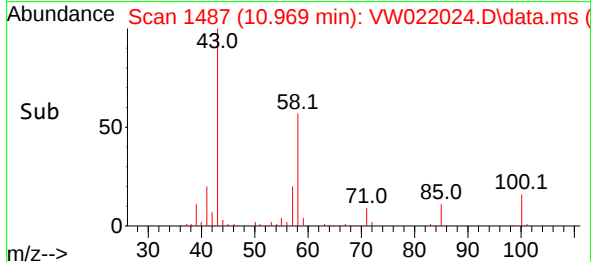
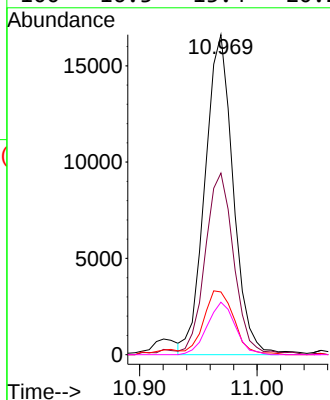
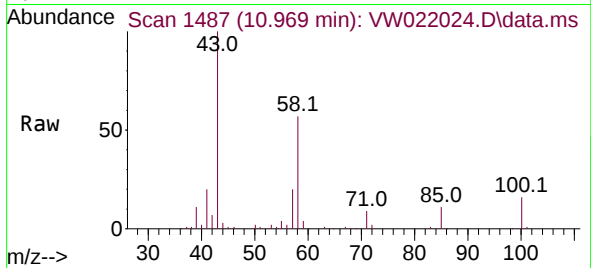




#48
2-Hexanone
Concen: 57.063 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

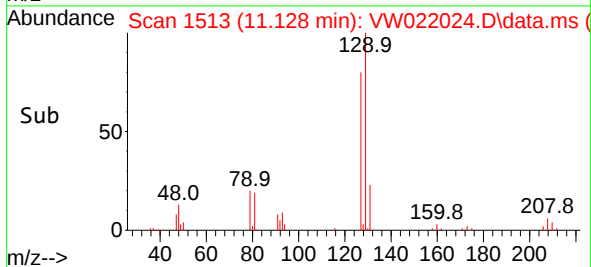
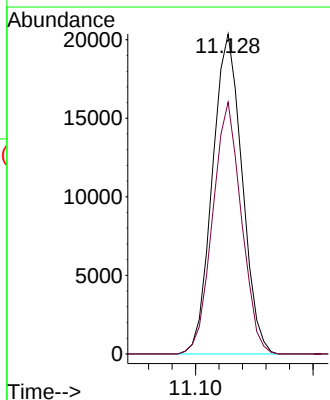
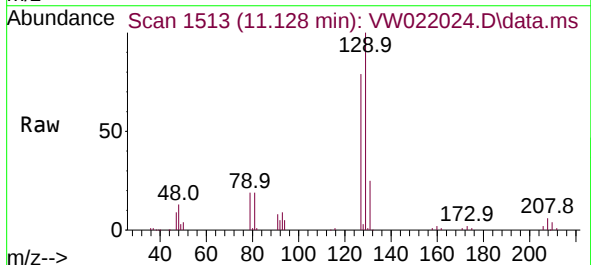
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

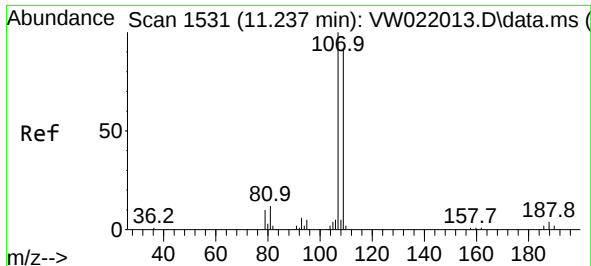
Tgt Ion:	43	Resp:	27708
Ion	Ratio	Lower	Upper
43	100		
58	57.8	49.2	73.8
57	21.4	16.6	24.8
100	16.3	13.4	20.2



#49
Dibromochloromethane
Concen: 25.070 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion:	129	Resp:	35678
Ion	Ratio	Lower	Upper
129	100		
127	78.7	52.6	97.6





#50

1,2-Dibromoethane

Concen: 24.836 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

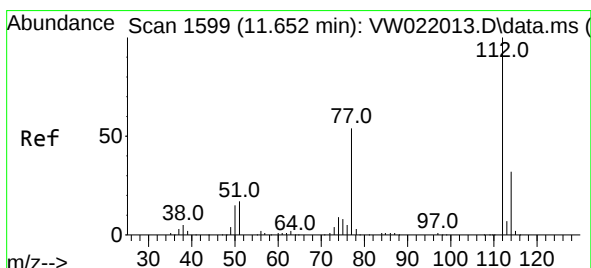
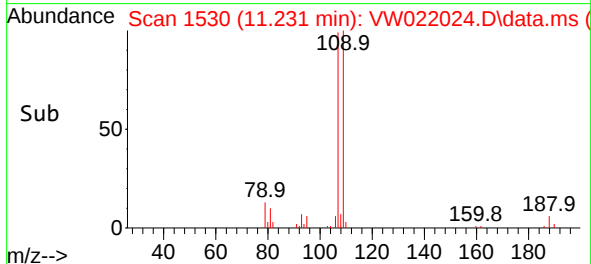
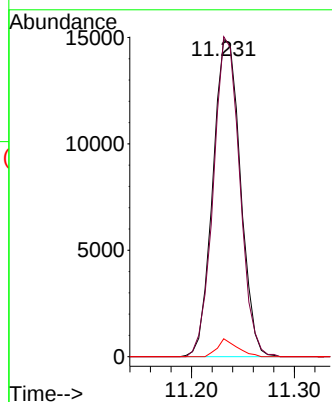
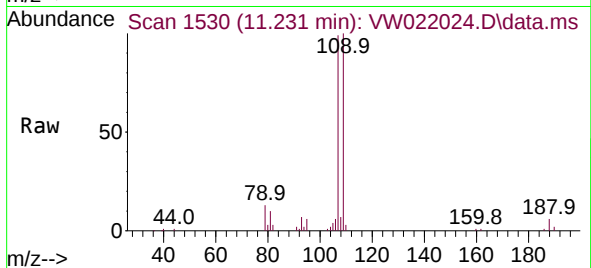
Tgt Ion:107 Resp: 27790

Ion Ratio Lower Upper

107 100

109 100.9 68.0 126.2

188 5.7 3.2 4.8#



#51

Chlorobenzene

Concen: 23.969 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

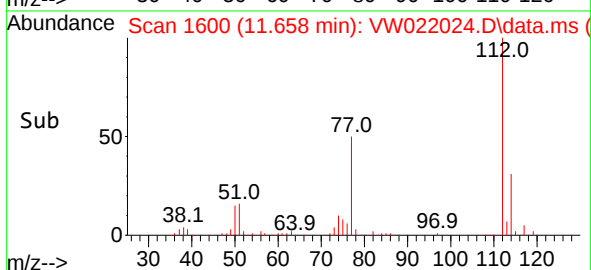
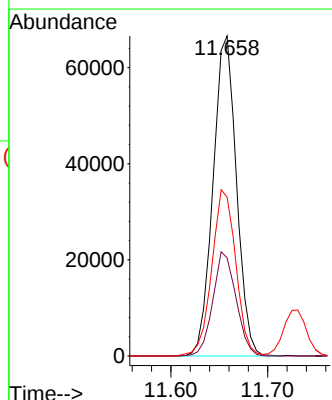
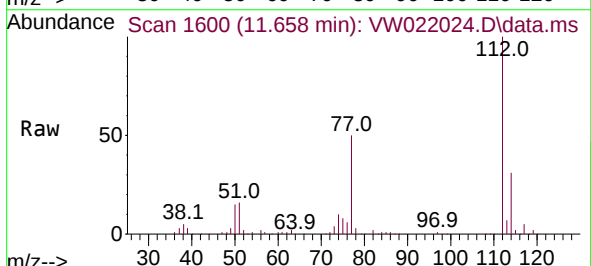
Tgt Ion:112 Resp: 111944

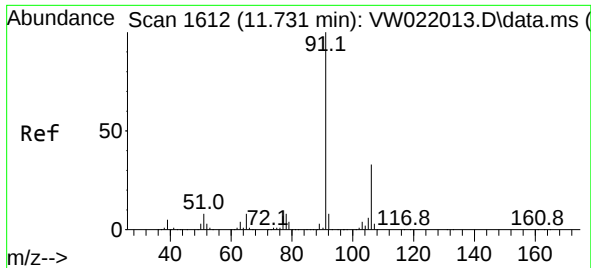
Ion Ratio Lower Upper

112 100

114 30.7 21.5 39.9

77 49.6 43.6 65.4

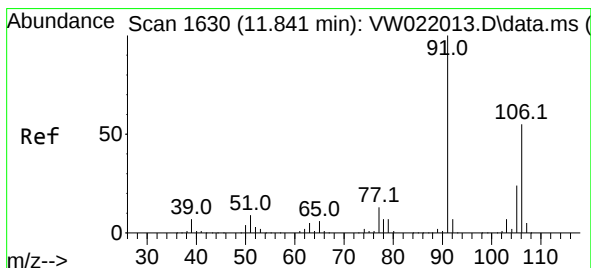
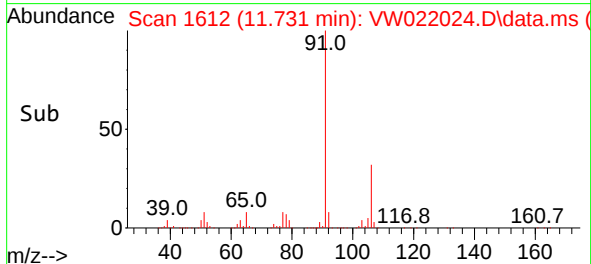
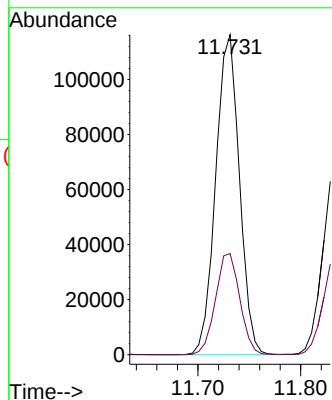
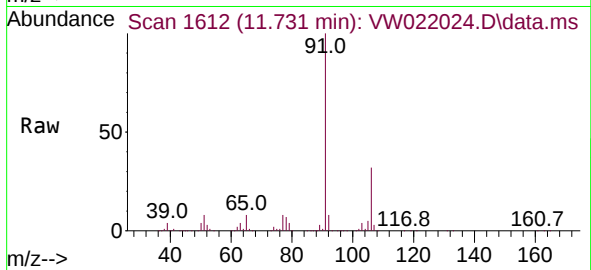




#52
Ethylbenzene
Concen: 24.574 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

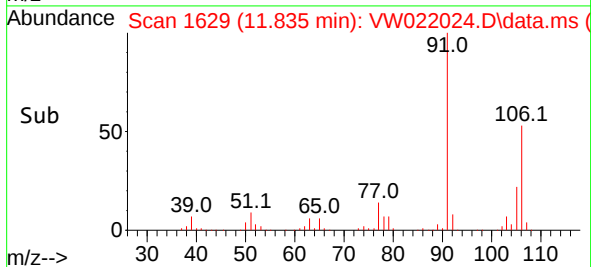
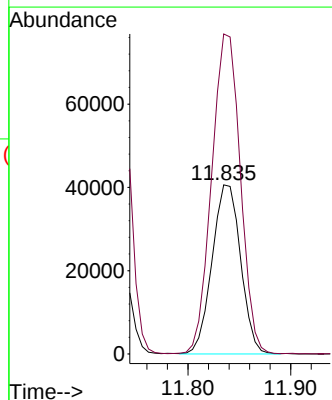
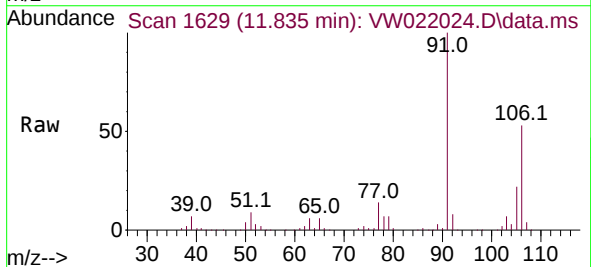
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

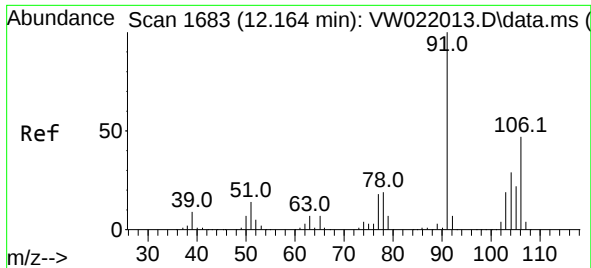
Tgt Ion: 91 Resp: 186065
Ion Ratio Lower Upper
91 100
106 31.6 22.8 42.4



#53
m,p-Xylene
Concen: 24.910 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion:106 Resp: 78253
Ion Ratio Lower Upper
106 100
91 189.2 129.6 240.8

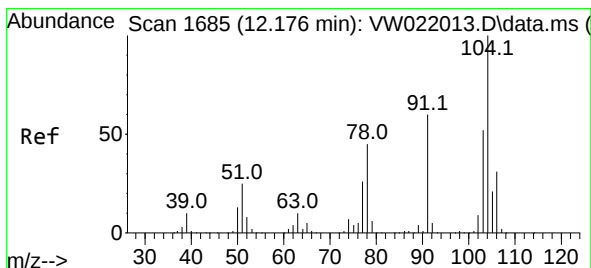
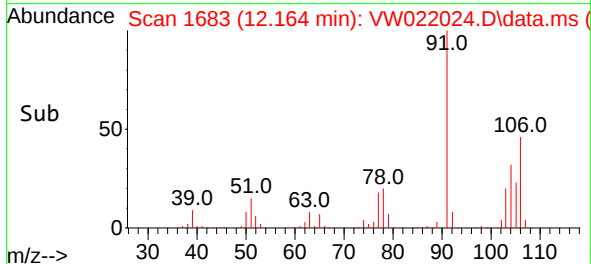
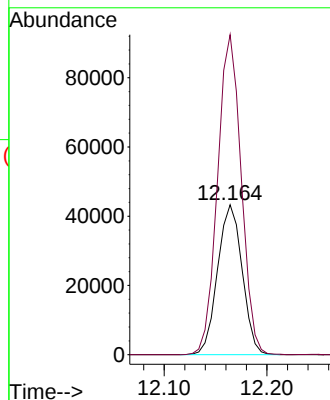
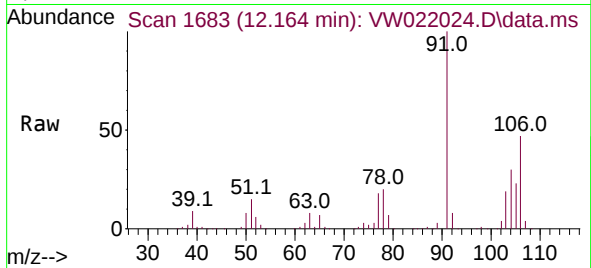




#54
o-Xylene
Concen: 24.451 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

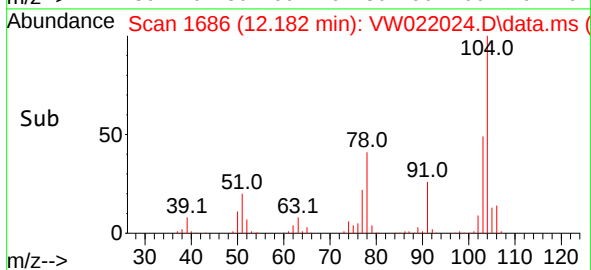
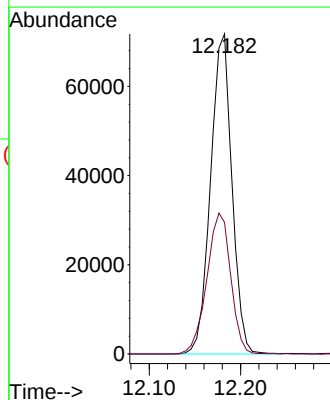
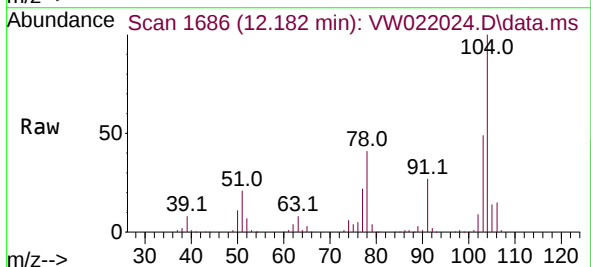
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

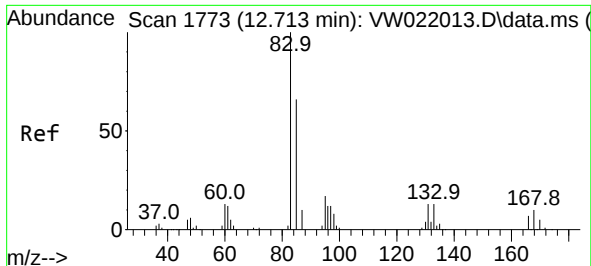
Tgt Ion:106 Resp: 71852
Ion Ratio Lower Upper
106 100
91 213.5 136.4 253.4



#55
Styrene
Concen: 24.507 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion:104 Resp: 116328
Ion Ratio Lower Upper
104 100
78 41.2 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 25.623 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

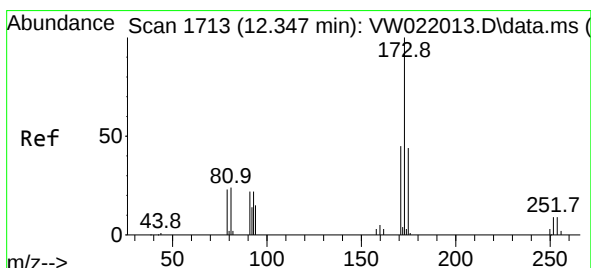
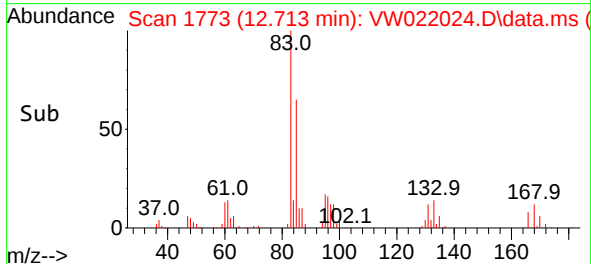
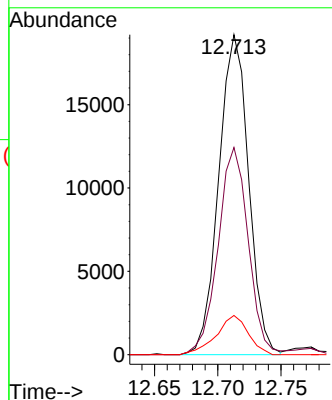
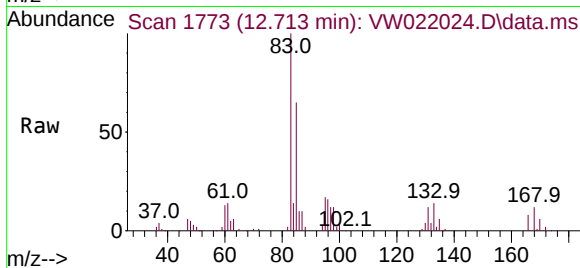
Tgt Ion: 83 Resp: 31520

Ion Ratio Lower Upper

83 100

85 64.7 43.8 81.3

131 12.3 9.8 14.8



#59

Bromoform

Concen: 24.577 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

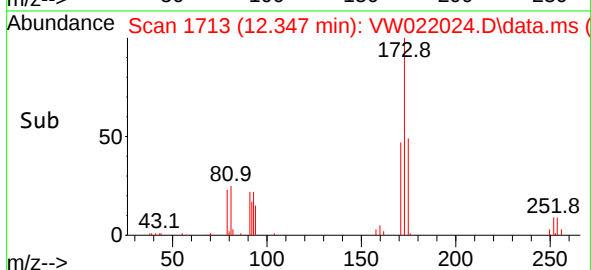
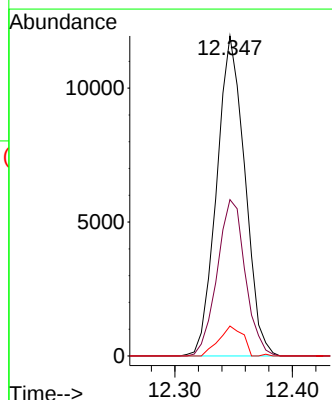
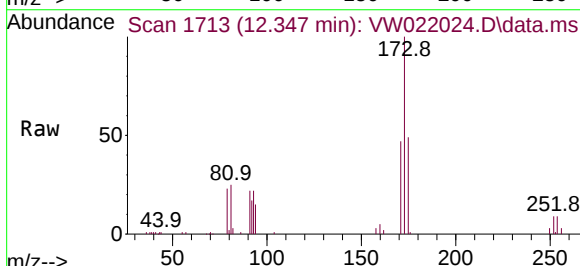
Tgt Ion:173 Resp: 19887

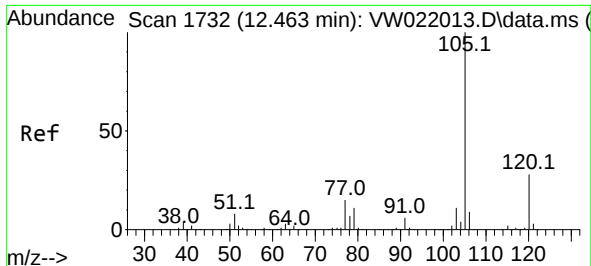
Ion Ratio Lower Upper

173 100

175 48.7 41.0 61.4

254 8.0 3.4 5.2#

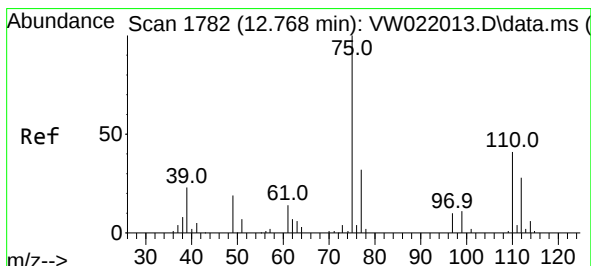
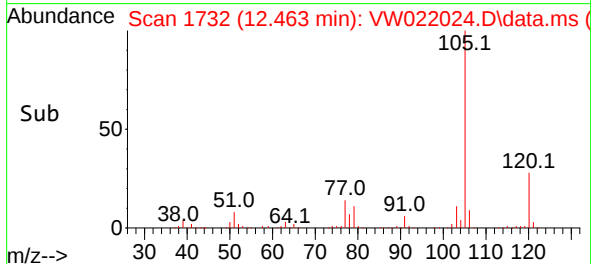
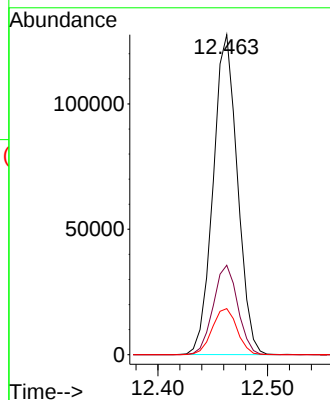
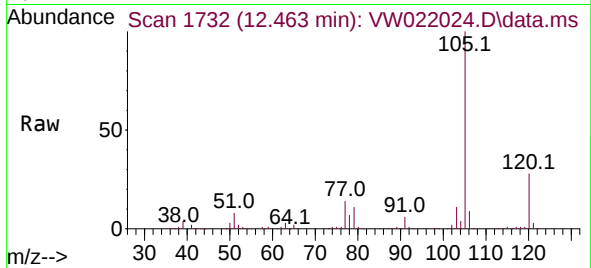




#60
Isopropylbenzene
Concen: 24.518 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

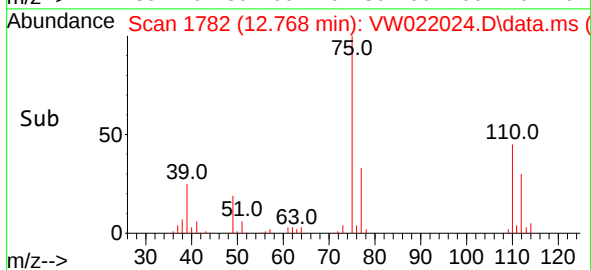
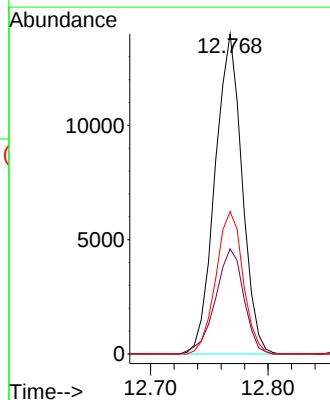
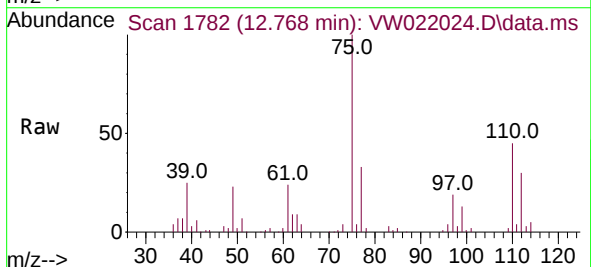
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

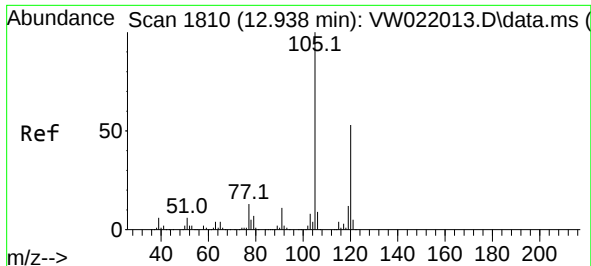
Tgt Ion:105 Resp: 196260
Ion Ratio Lower Upper
105 100
120 28.2 22.1 33.1
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 25.092 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion: 75 Resp: 22396
Ion Ratio Lower Upper
75 100
77 34.3 27.3 40.9
110 44.7 36.4 54.6

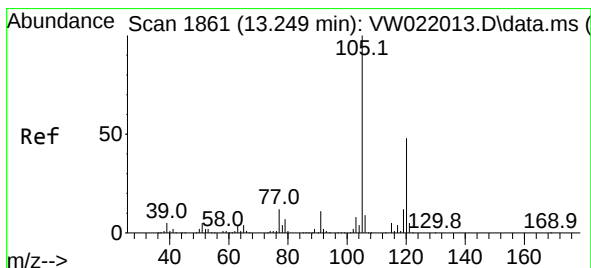
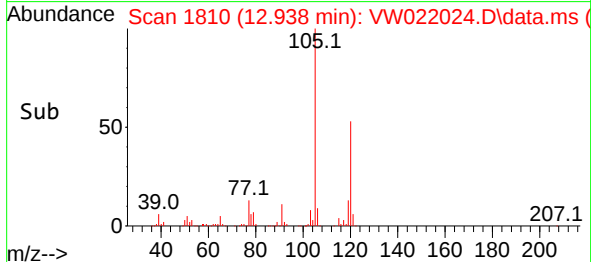
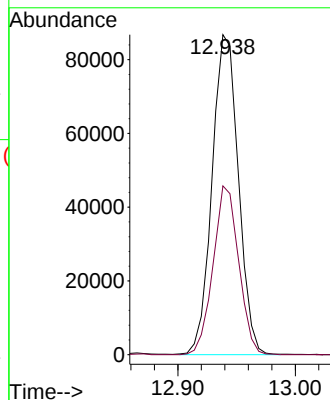
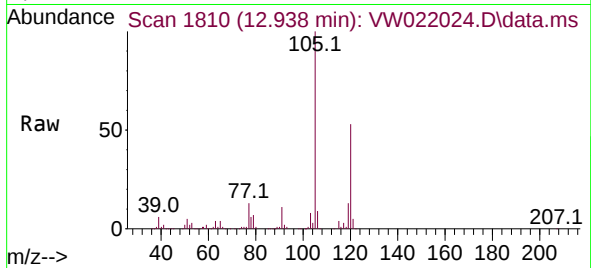




#62
1,3,5-Trimethylbenzene
Concen: 25.465 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

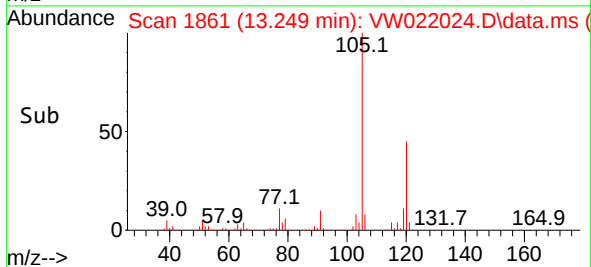
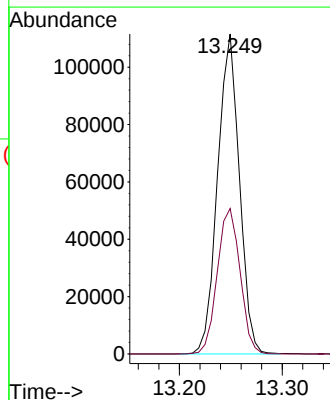
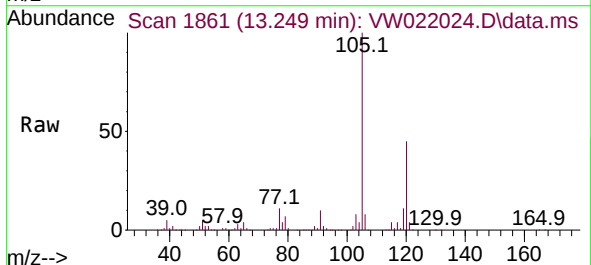
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

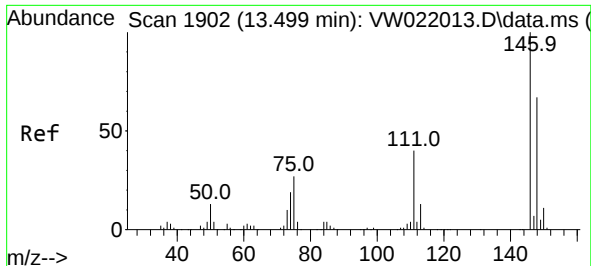
Tgt Ion:105 Resp: 135192
Ion Ratio Lower Upper
105 100
120 51.2 40.9 61.3



#63
1,2,4-Trimethylbenzene
Concen: 25.378 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion:105 Resp: 164150
Ion Ratio Lower Upper
105 100
120 47.5 37.8 56.8

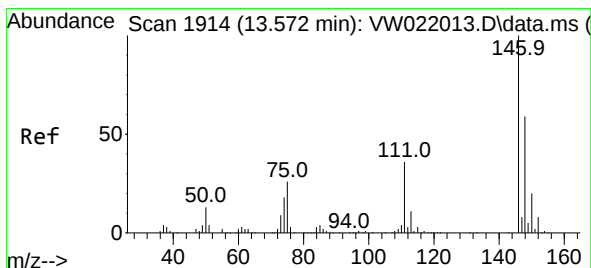
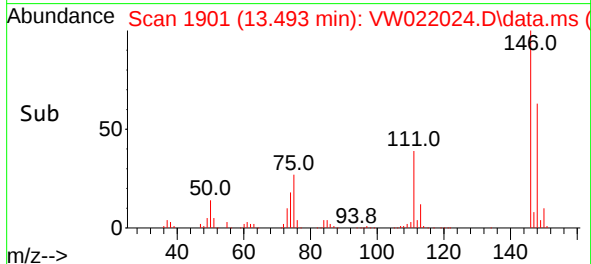
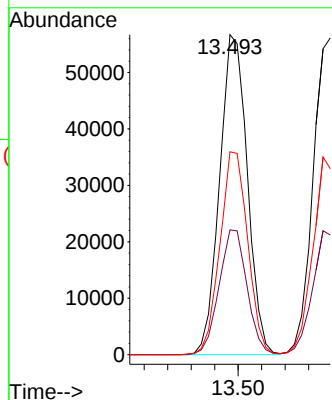
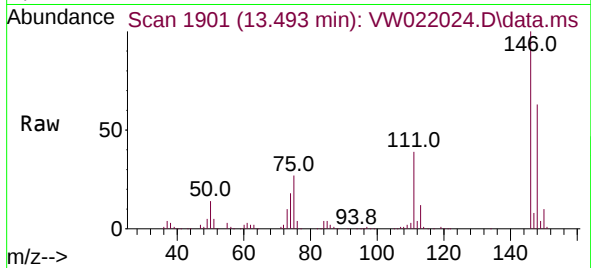




#64
1,3-Dichlorobenzene
Concen: 24.222 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

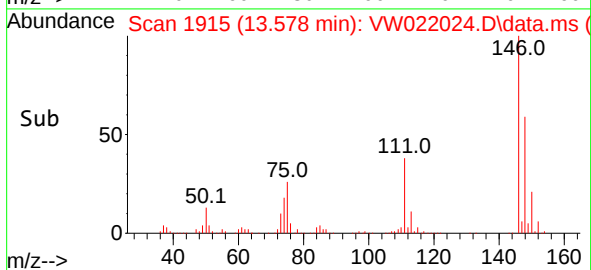
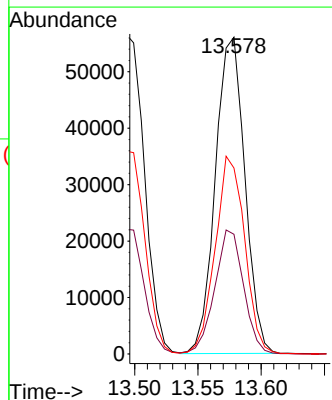
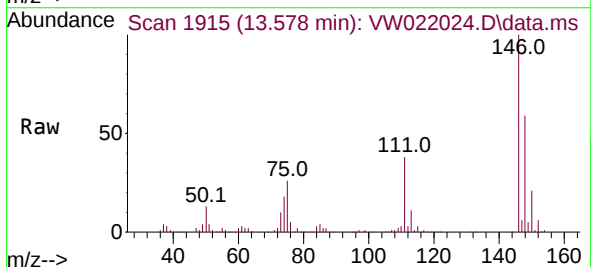
Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

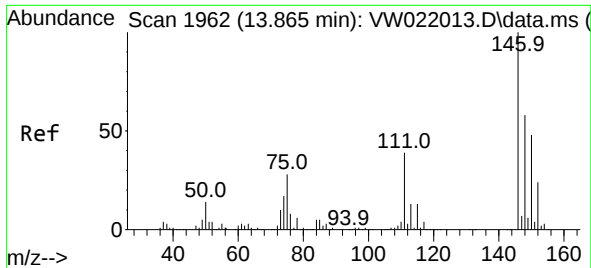
Tgt Ion:146 Resp: 92898
Ion Ratio Lower Upper
146 100
111 39.0 27.3 50.7
148 63.4 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 23.698 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion:146 Resp: 90978
Ion Ratio Lower Upper
146 100
111 37.7 24.4 45.4
148 58.7 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 23.931 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

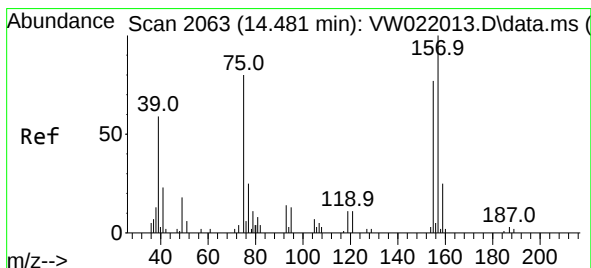
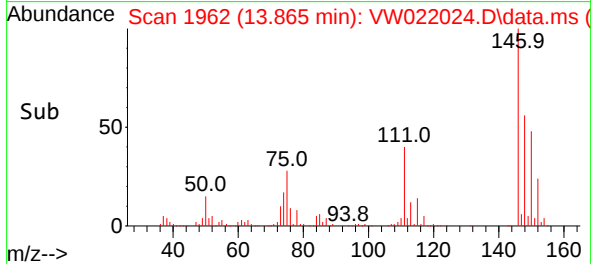
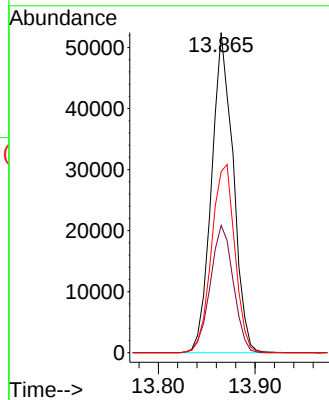
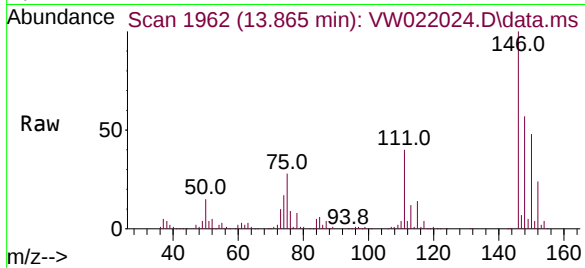
Tgt Ion:146 Resp: 81573

Ion Ratio Lower Upper

146 100

111 39.7 32.2 48.4

148 56.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.941 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

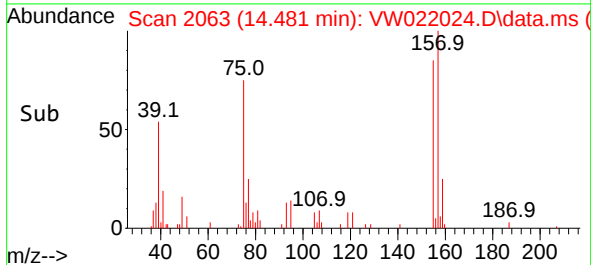
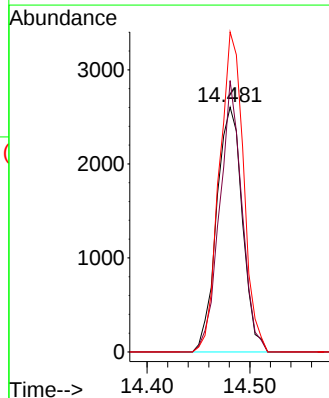
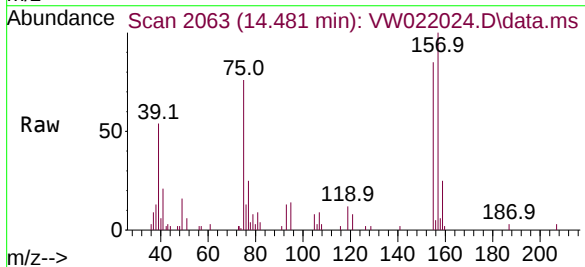
Tgt Ion: 75 Resp: 4529

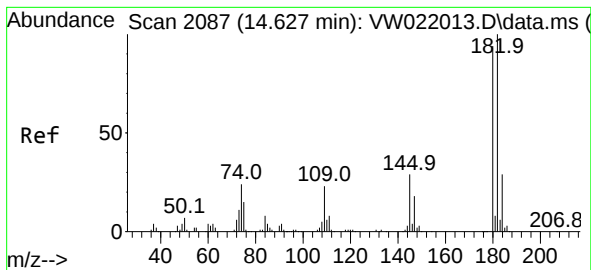
Ion Ratio Lower Upper

75 100

155 110.8 80.9 121.3

157 130.7 100.3 150.5





#69

1,3,5-Trichlorobenzene

Concen: 23.878 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTD025551

Tgt Ion:180 Resp: 65840

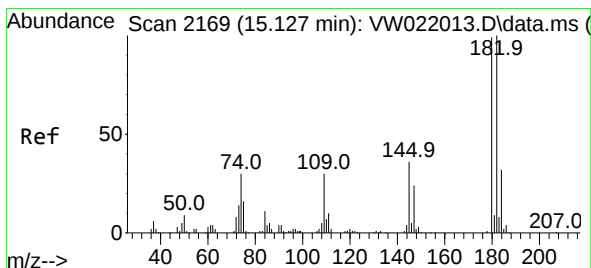
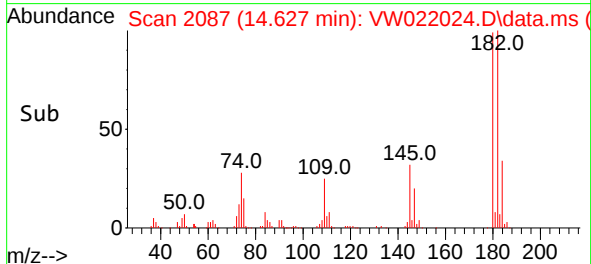
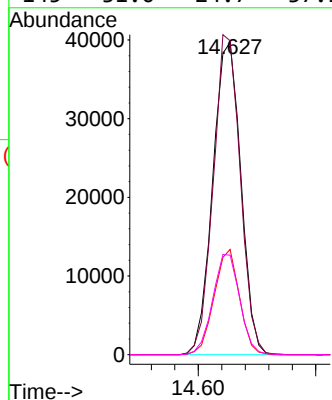
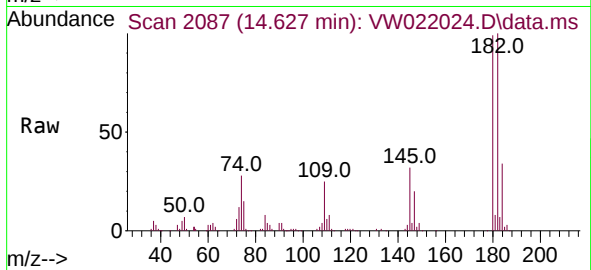
Ion Ratio Lower Upper

180 100

182 98.4 77.4 116.2

184 30.4 25.2 37.8

145 31.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 23.819 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022024.D

Acq: 02 Feb 2022 11:38

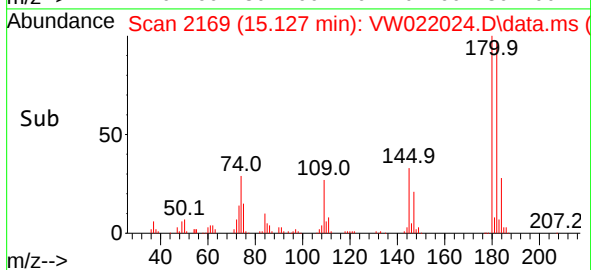
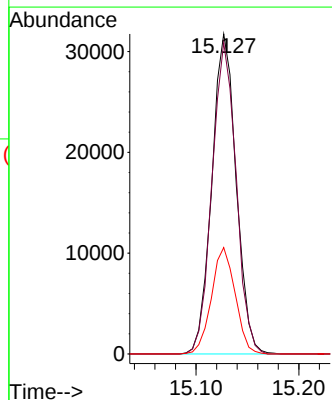
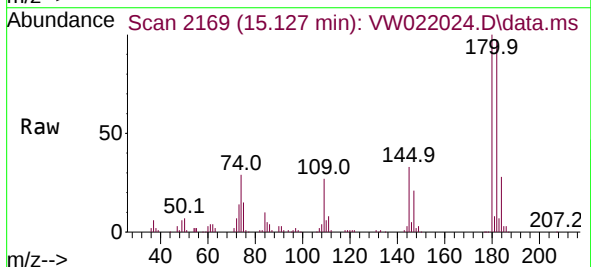
Tgt Ion:180 Resp: 52170

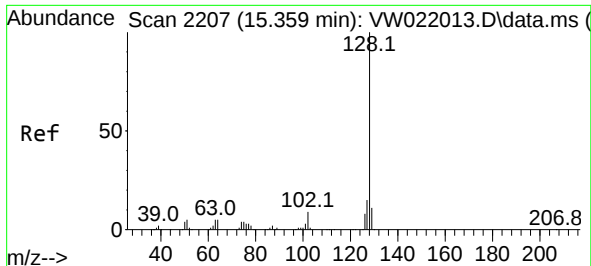
Ion Ratio Lower Upper

180 100

182 96.3 74.6 111.8

145 32.5 25.0 37.6

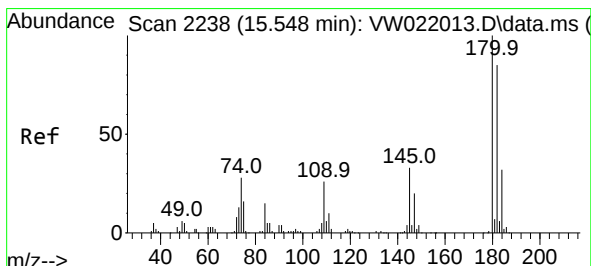
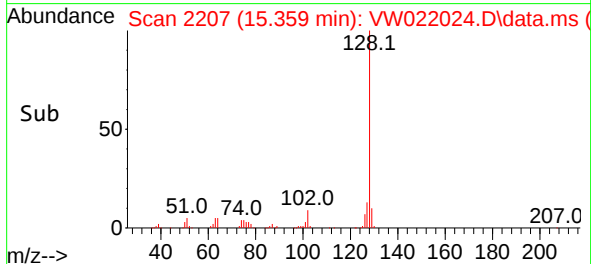
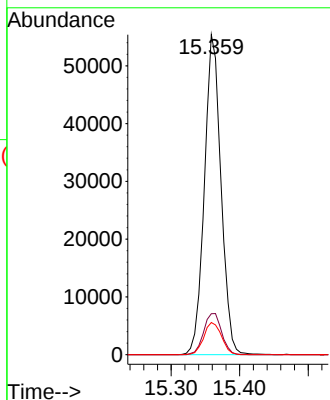
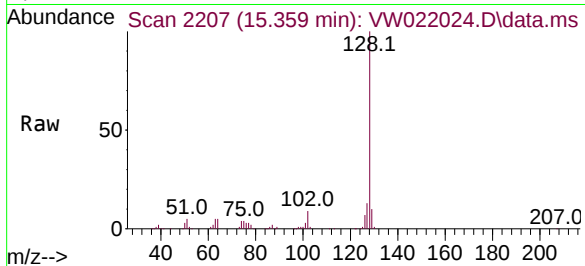




#71
Naphthalene
Concen: 26.148 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

Tgt Ion:128 Resp: 93438
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.610 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW022024.D
Acq: 02 Feb 2022 11:38

Tgt Ion:180 Resp: 46070
Ion Ratio Lower Upper
180 100
182 92.2 78.6 118.0
145 32.5 27.3 40.9

