

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
 Data File : VW021750.D
 Acq On : 06 Jan 2022 11:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Quant Time: Jan 06 14:55:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 04 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	142022	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	139869	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75872	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	62340	22.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.040%
7) Chloroethane-d5	2.885	69	42192	22.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.480%
11) 1,1-Dichloroethene-d2	4.019	63	100801	24.599	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.400%
21) 2-Butanone-d5	7.086	46	19143	46.727	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.460%
24) Chloroform-d	7.647	84	114939	25.908	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.640%
26) 1,2-Dichloroethane-d4	8.305	65	54767	23.379	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.520%
32) Benzene-d6	8.275	84	224903	27.080	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.320%
36) 1,2-Dichloropropane-d6	9.275	67	60825	26.998	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.000%
41) Toluene-d8	10.323	98	219633	26.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.160%
43) trans-1,3-Dichloroprop...	10.579	79	25542	23.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.200%
47) 2-Hexanone-d5	10.921	63	15693	45.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	44018	23.698	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	76800	26.470	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	18192	21.602	ug/L	100
3) Chloromethane	2.215	50	46073	21.182	ug/L	98
5) Vinyl chloride	2.361	62	69005	21.510	ug/L	98
6) Bromomethane	2.782	94	45511	21.803	ug/L	100
8) Chloroethane	2.922	64	31701	20.737	ug/L	100
9) Trichlorofluoromethane	3.263	101	45072	23.351	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	55616	23.659	ug/L	92
12) 1,1-Dichloroethene	4.044	96	50358	23.952	ug/L	72
13) Acetone	4.135	43	13904	39.972	ug/L	86
14) Carbon disulfide	4.385	76	142747	23.462	ug/L	98
15) Methyl Acetate	4.678	43	14196	21.390	ug/L	# 85
17) trans-1,2-Dichloroethene	5.428	96	55612	25.038	ug/L	77
18) Methyl tert-butyl Ether	5.428	73	67846	21.937	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	84232	24.308	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	57560	24.966	ug/L	70
22) 2-Butanone	7.177	43	19288	40.788	ug/L	82
23) Bromochloromethane	7.513	128	26993	24.220	ug/L	# 59
25) Chloroform	7.677	83	94325	23.598	ug/L	97
27) 1,2-Dichloroethane	8.397	62	54415	20.988	ug/L	95

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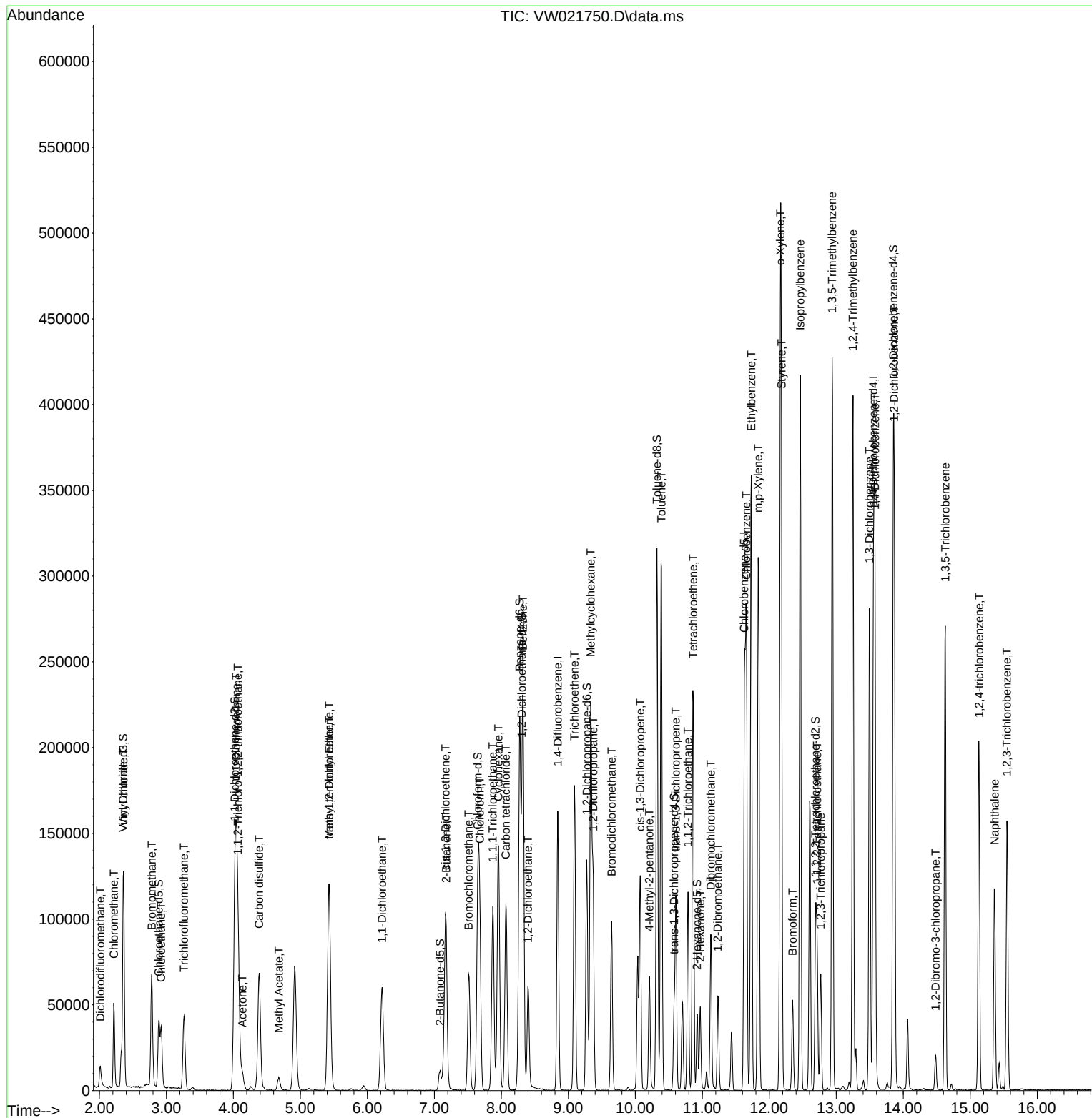
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	77910	24.087	ug/L #	75
30) 1,1,1-Trichloroethane	7.872	97	86746	23.506	ug/L #	92
31) Carbon tetrachloride	8.067	117	85396	23.796	ug/L	100
33) Benzene	8.323	78	208566	24.439	ug/L	100
34) Trichloroethene	9.092	95	58497	24.146	ug/L	92
35) Methylcyclohexane	9.335	83	99281	24.838	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	44966	23.775	ug/L #	95
38) Bromodichloromethane	9.646	83	64000	22.170	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	72963	23.611	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	40804	39.164	ug/L #	87
42) Toluene	10.390	91	237285	24.086	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	60532	21.802	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	35984	22.906	ug/L	93
46) Tetrachloroethene	10.866	164	55624	24.518	ug/L	92
48) 2-Hexanone	10.969	43	27885	39.410	ug/L #	86
49) Dibromochloromethane	11.128	129	47232	22.377	ug/L	95
50) 1,2-Dibromoethane	11.232	107	36797	23.322	ug/L	97
51) Chlorobenzene	11.658	112	157062	24.709	ug/L	89
52) Ethylbenzene	11.731	91	255947	23.145	ug/L	91
53) m,p-Xylene	11.835	106	106969	24.141	ug/L	87
54) o-Xylene	12.164	106	100437	23.915	ug/L	93
55) Styrene	12.183	104	165807	22.989	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	36909	21.240	ug/L #	96
59) Bromoform	12.347	173	23883	21.568	ug/L	97
60) Isopropylbenzene	12.463	105	275284	26.028	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	26918	23.185	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	229838	25.704	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	226590	25.511	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	122784	24.588	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	121082	24.317	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	107349	24.622	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4801	18.780	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	87617	23.885	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	68193	23.289	ug/L	93
71) Naphthalene	15.365	128	105078	22.056	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	55159	22.378	ug/L	98

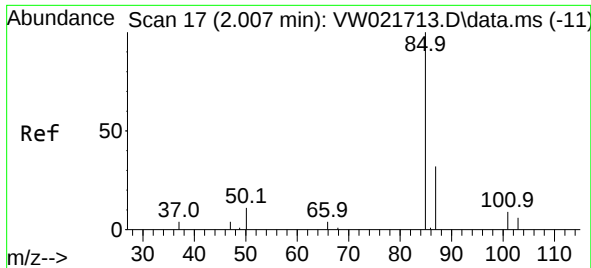
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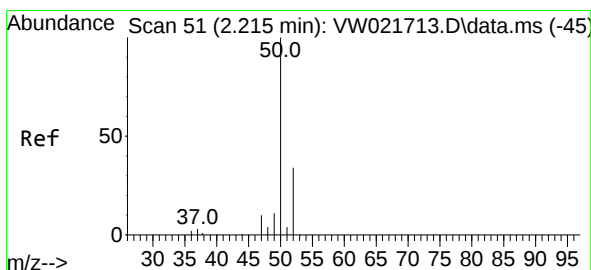
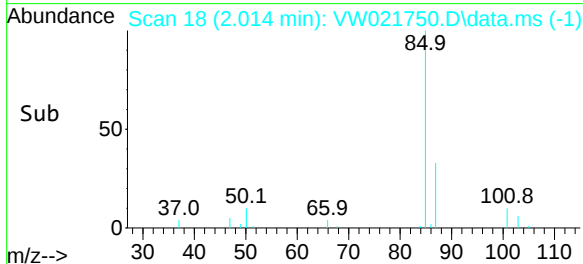
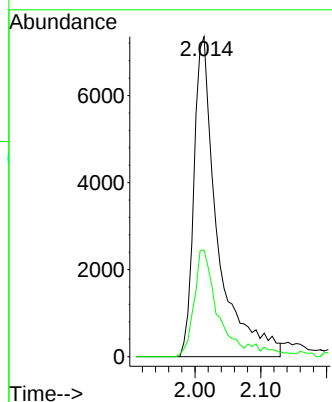
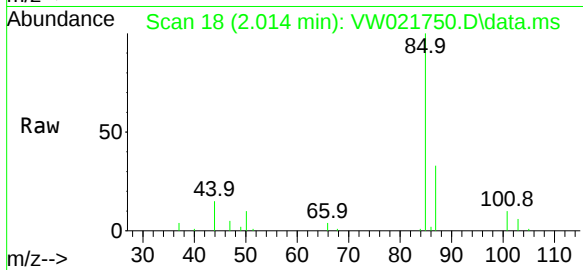




#2
 Dichlorodifluoromethane
 Concen: 21.602 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW021750.D
 Acq: 06 Jan 2022 11:58

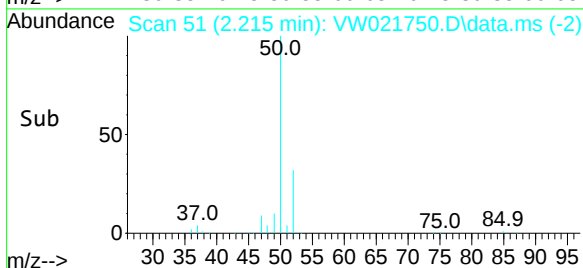
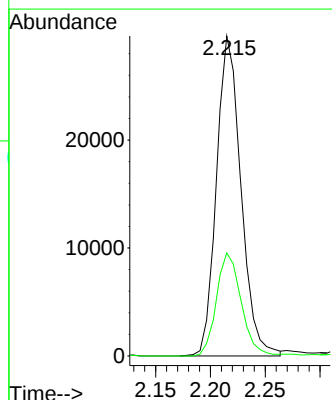
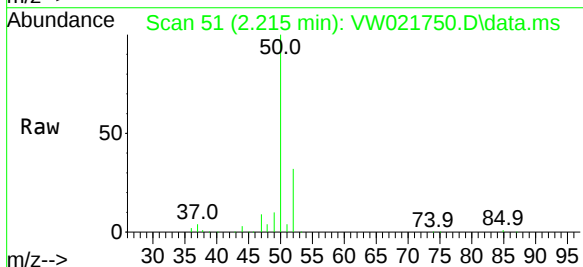
Instrument :
 MSVOA_W
 ClientSampleId :
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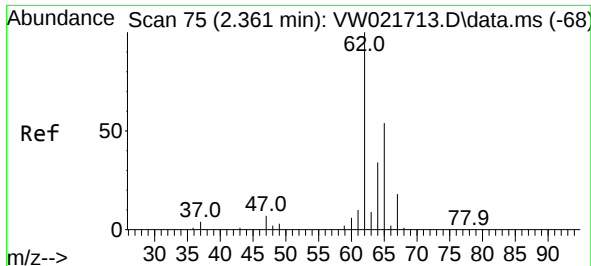
Tgt Ion: 85 Resp: 18192
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 21.182 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021750.D
 Acq: 06 Jan 2022 11:58

Tgt Ion: 50 Resp: 46073
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.4 43.6

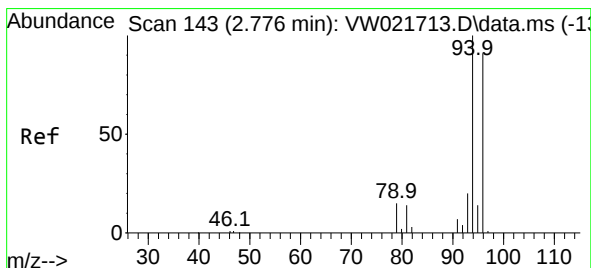
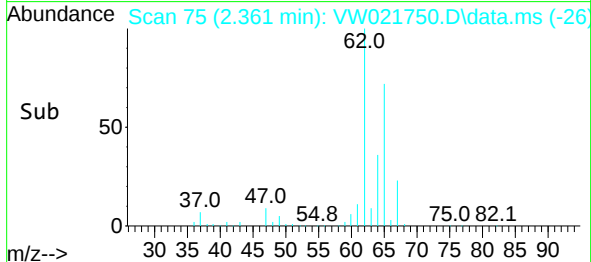
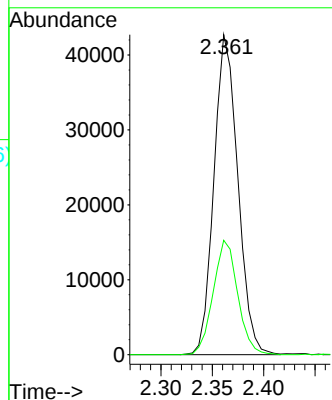
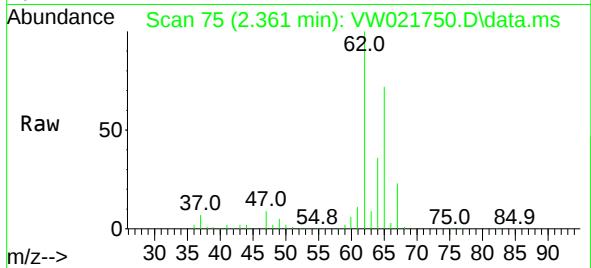




#5
 Vinyl chloride
 Concen: 21.510 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW021750.D
 Acq: 06 Jan 2022 11:58

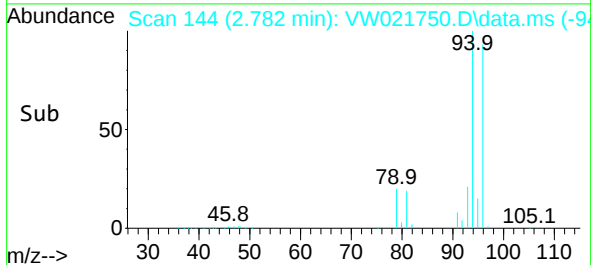
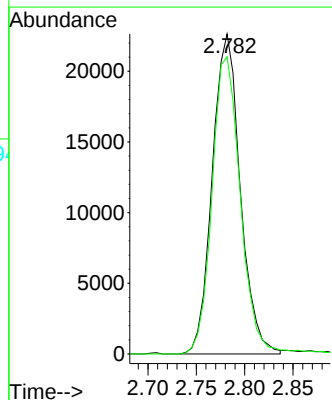
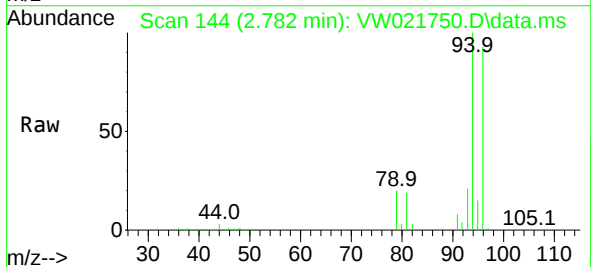
Instrument :
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 ClientSampleId :
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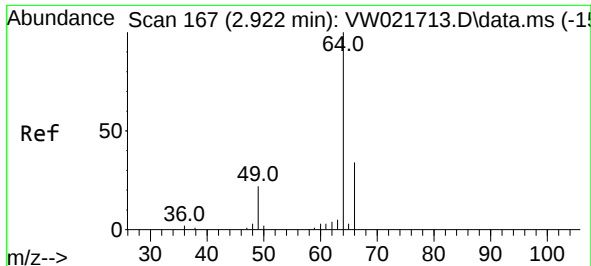
Tgt Ion: 62 Resp: 69005
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.4 45.2



#6
 Bromomethane
 Concen: 21.803 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021750.D
 Acq: 06 Jan 2022 11:58

Tgt Ion: 94 Resp: 45511
 Ion Ratio Lower Upper
 94 100
 96 92.9 64.8 120.4

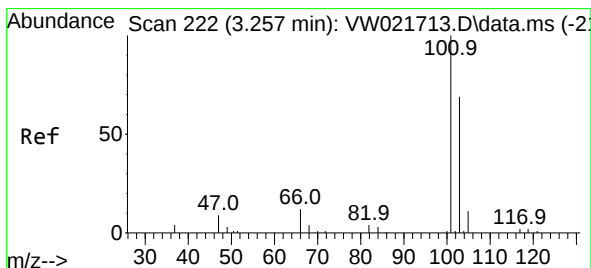
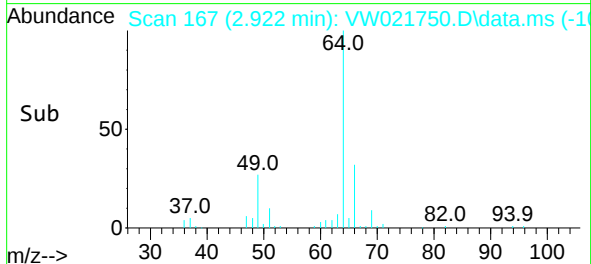
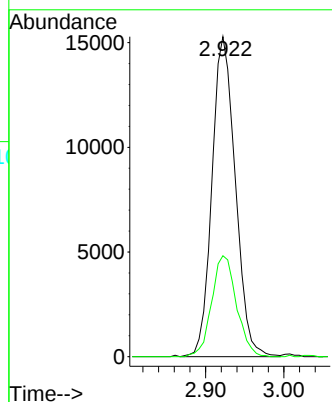
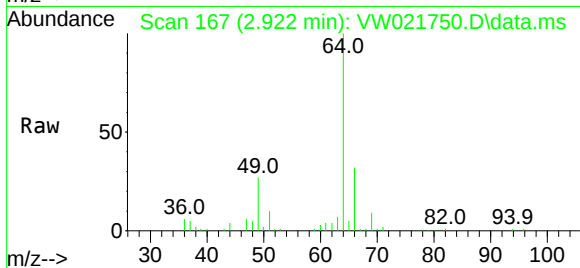




#8
Chloroethane
Concen: 20.737 ug/L
RT: 2.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

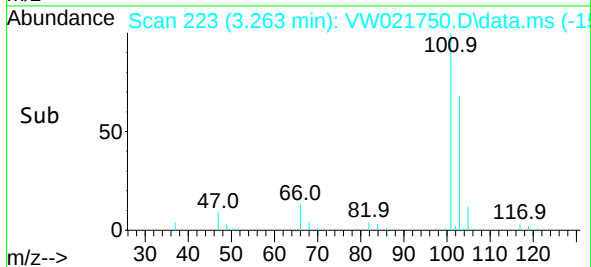
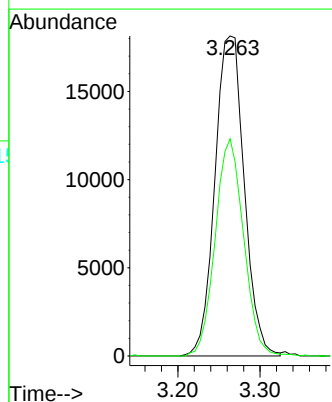
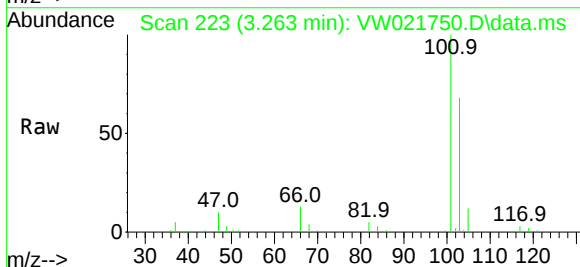
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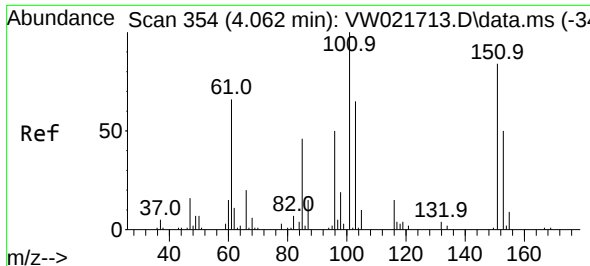
Tgt Ion: 64 Resp: 31701
Ion Ratio Lower Upper
64 100
66 31.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.351 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 101 Resp: 45072
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

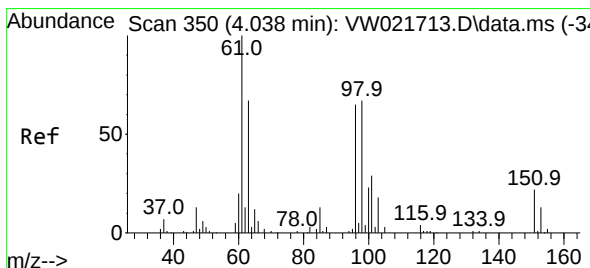
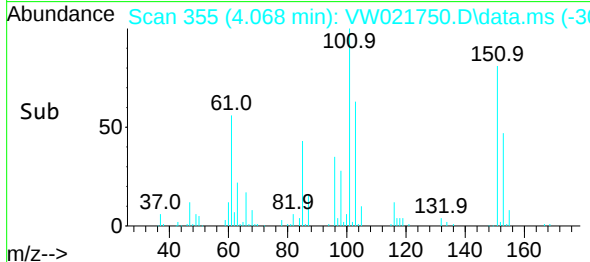
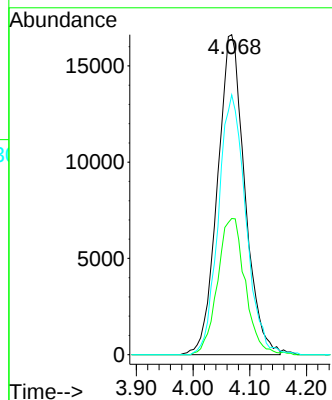
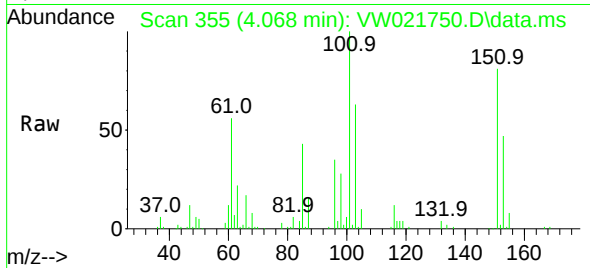




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.659 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. 0.006 min
 Lab File: VW021750.D
 Acq: 06 Jan 2022 11:58

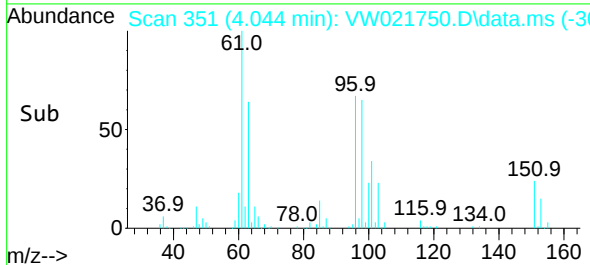
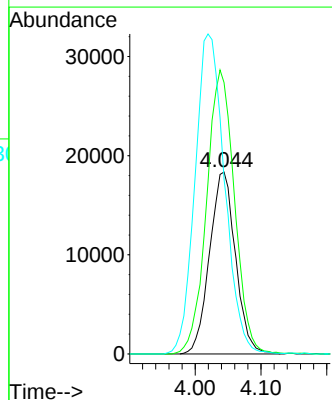
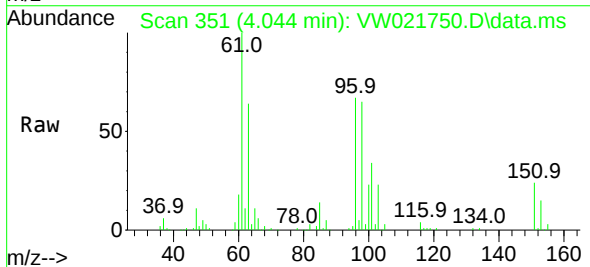
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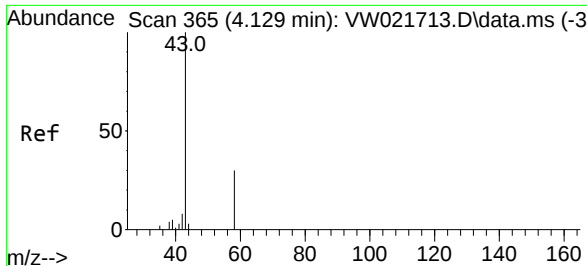
Tgt Ion:101 Resp: 55616
 Ion Ratio Lower Upper
 101 100
 85 42.9 36.6 54.8
 151 80.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.952 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021750.D
 Acq: 06 Jan 2022 11:58

Tgt Ion: 96 Resp: 50358
 Ion Ratio Lower Upper
 96 100
 61 149.2 138.3 256.9
 63 96.2 82.6 153.4





#13

Acetone

Concen: 39.972 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021750.D

Acq: 06 Jan 2022 11:58

Instrument :

MSVOA_W

ClientSampleId :

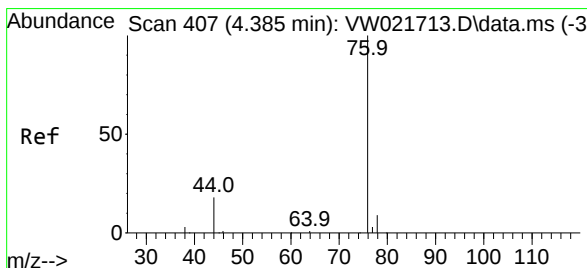
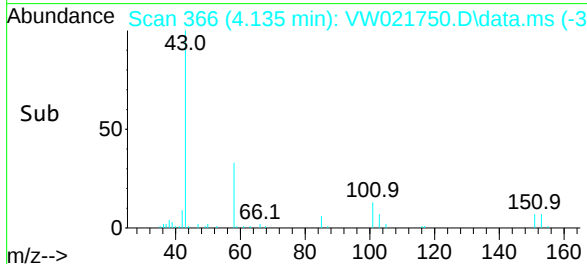
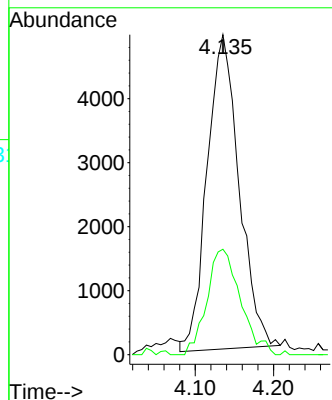
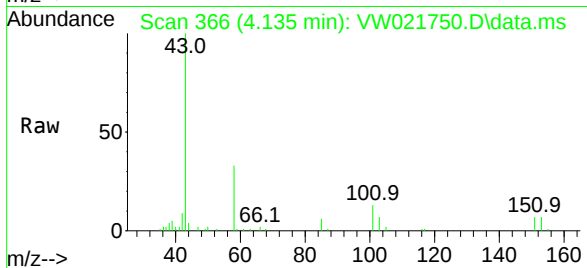
VSTD025522

Tgt Ion: 43 Resp: 13904

Ion Ratio Lower Upper

43 100

58 33.8 0.0 52.8



#14

Carbon disulfide

Concen: 23.462 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

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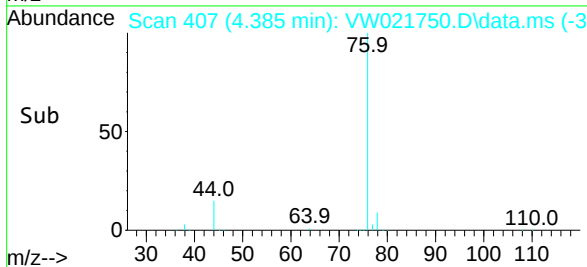
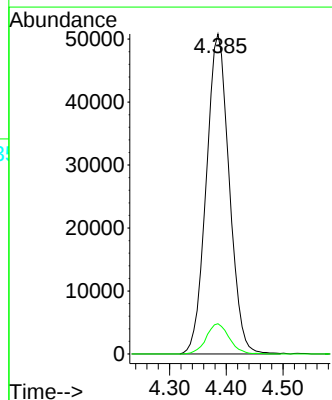
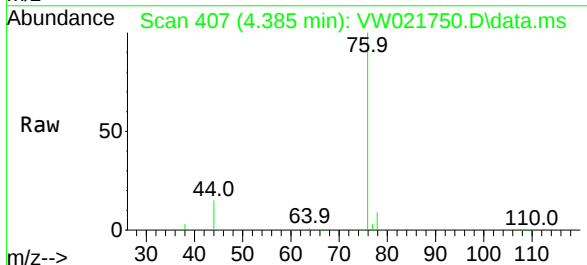
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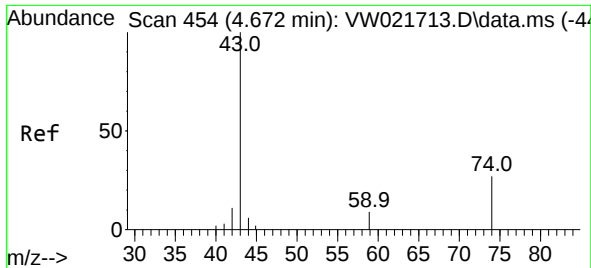
Tgt Ion: 76 Resp: 142747

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

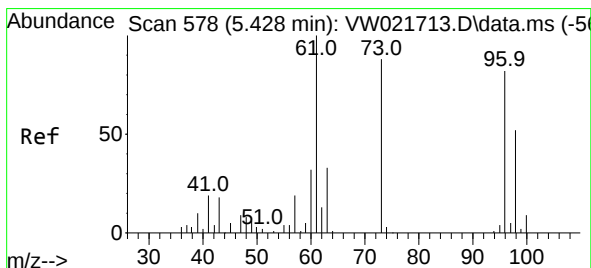
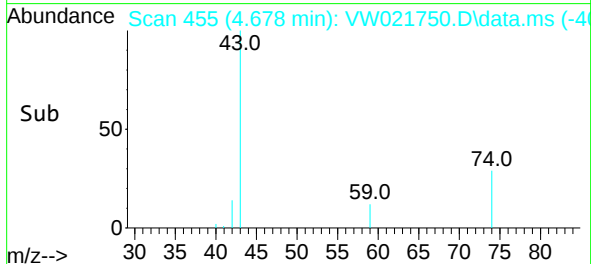
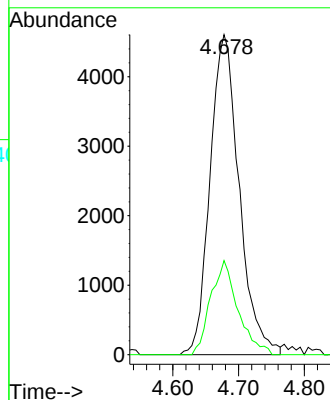
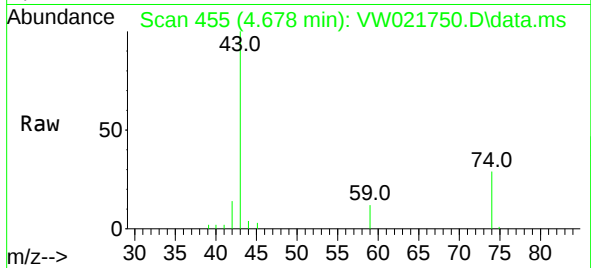




#15
Methyl Acetate
Concen: 21.390 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

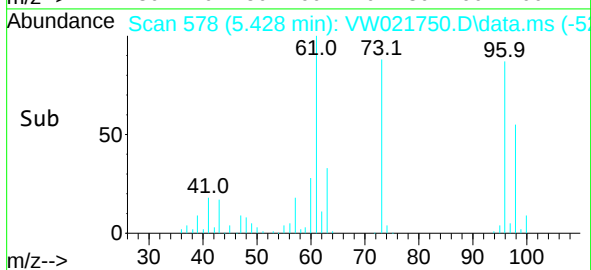
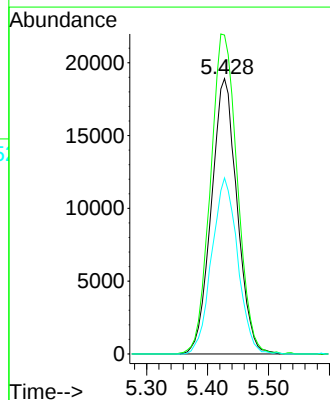
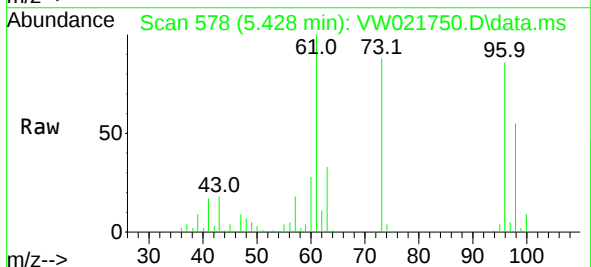
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

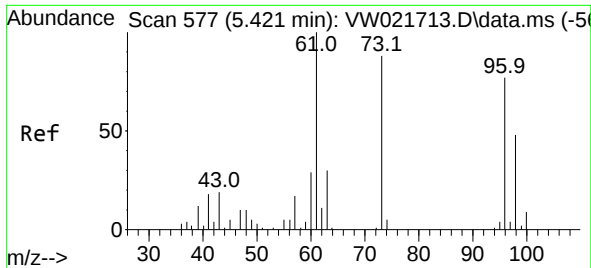
Tgt Ion: 43 Resp: 14196
Ion Ratio Lower Upper
43 100
74 27.6 16.4 24.6#



#17
trans-1,2-Dichloroethene
Concen: 25.038 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 96 Resp: 55612
Ion Ratio Lower Upper
96 100
61 115.8 107.4 199.4
98 63.9 41.2 76.6

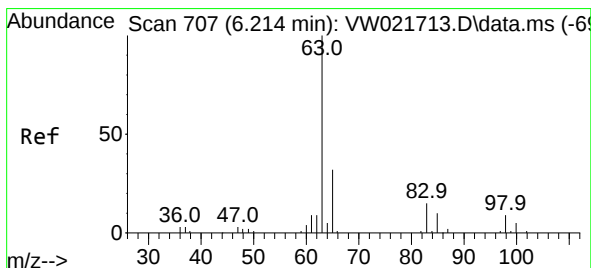
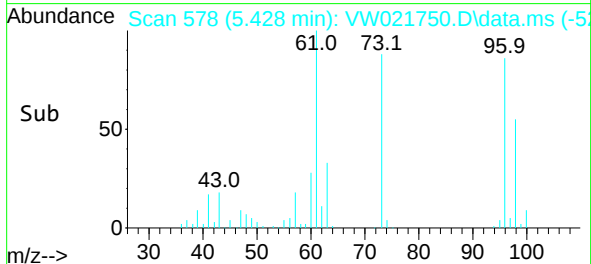
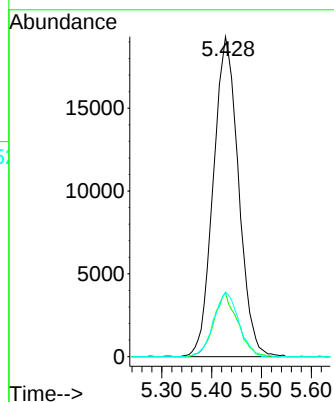
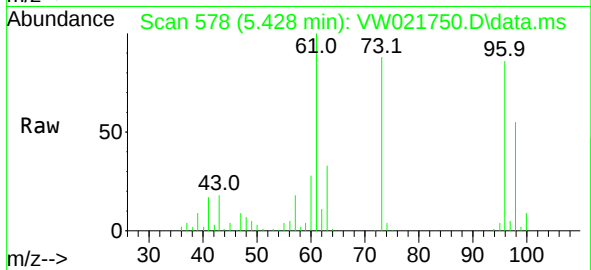




#18
Methyl tert-butyl Ether
Concen: 21.937 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

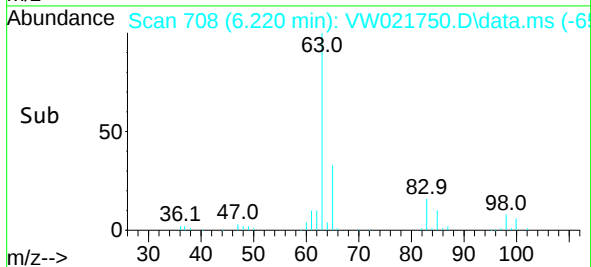
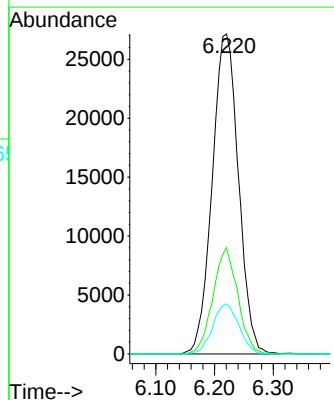
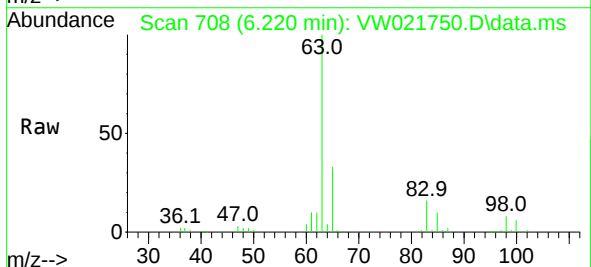
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

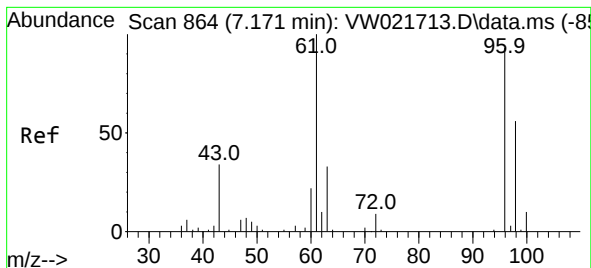
Tgt Ion: 73 Resp: 67846
Ion Ratio Lower Upper
73 100
43 18.8 19.5 29.3#
57 20.1 19.3 28.9



#19
1,1-Dichloroethane
Concen: 24.308 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 63 Resp: 84232
Ion Ratio Lower Upper
63 100
65 33.2 22.1 41.1
83 15.6 9.2 17.2





#20

cis-1,2-Dichloroethene

Concen: 24.966 ug/L

RT: 7.165 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW021750.D

Acq: 06 Jan 2022 11:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

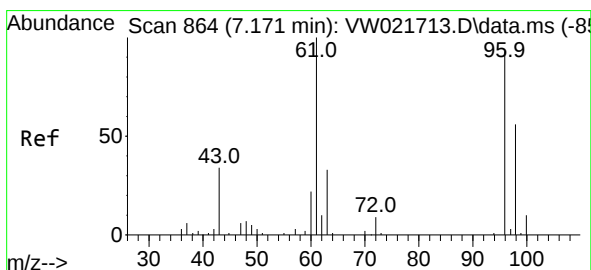
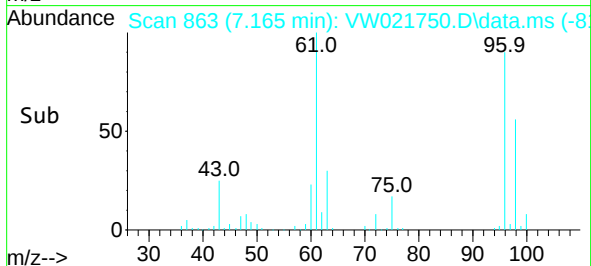
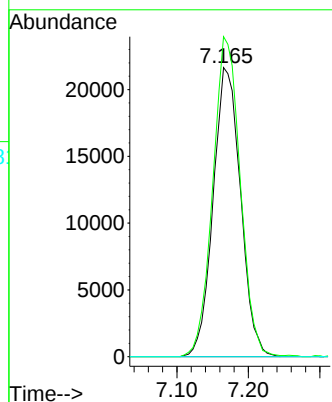
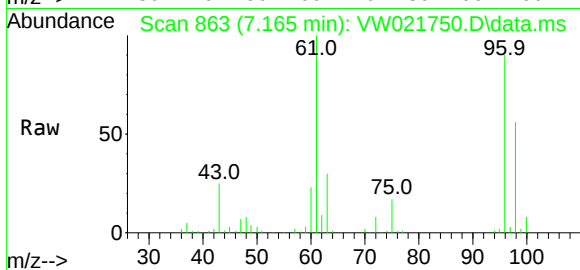
Tgt Ion: 96 Resp: 57560

Ion Ratio Lower Upper

96 100

61 110.7 103.7 192.7

68 0.0 0.0 0.0



#22

2-Butanone

Concen: 40.788 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW021750.D

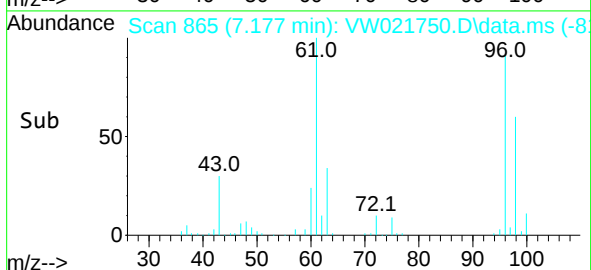
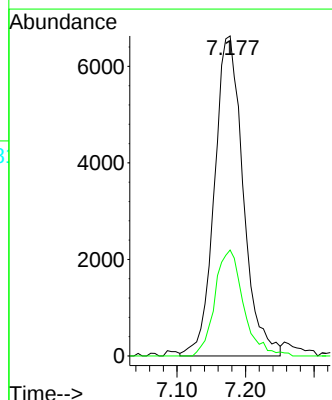
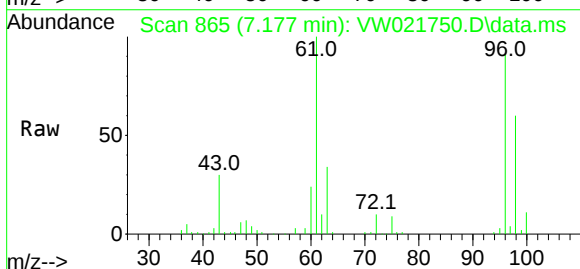
Acq: 06 Jan 2022 11:58

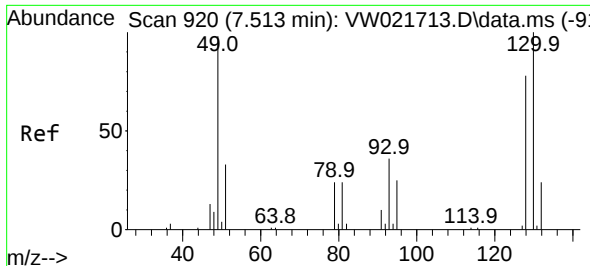
Tgt Ion: 43 Resp: 19288

Ion Ratio Lower Upper

43 100

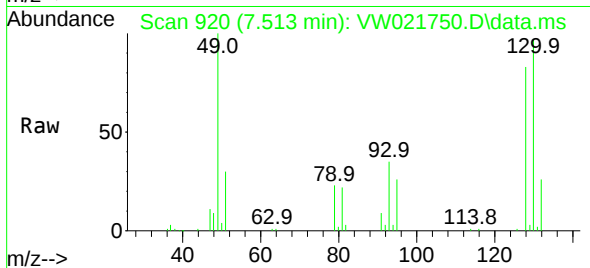
72 32.6 11.8 35.4



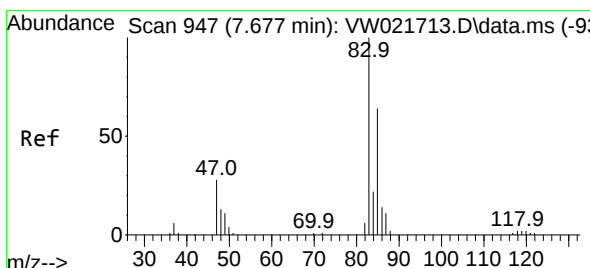
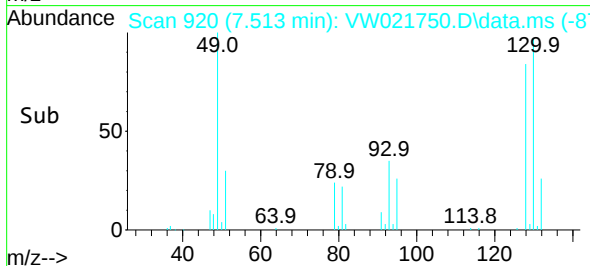
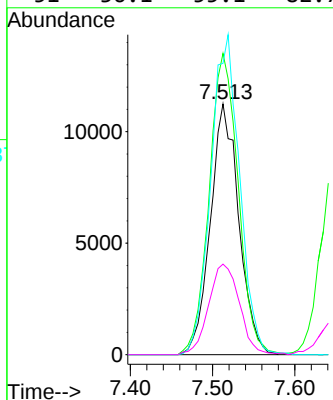


#23
Bromochloromethane
Concen: 24.220 ug/L
RT: 7.513 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

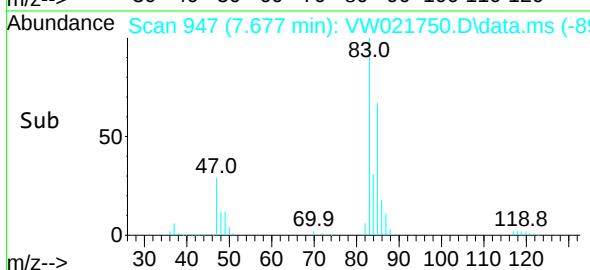
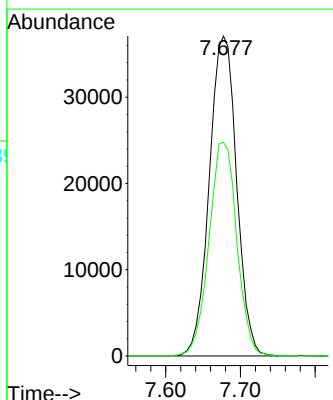
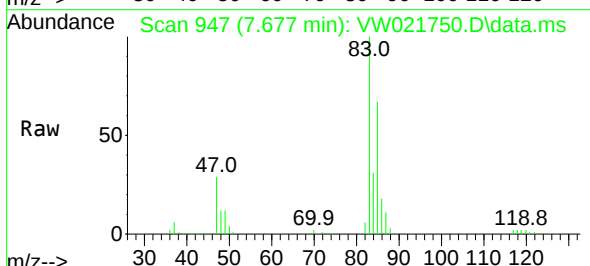


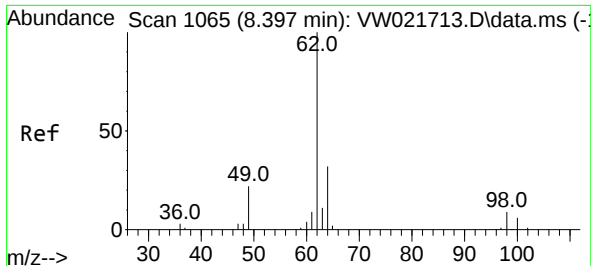
Tgt Ion:128 Resp: 26993
Ion Ratio Lower Upper
128 100
49 120.2 150.3 279.1#
130 116.2 88.3 163.9
51 36.1 55.1 82.7#



#25
Chloroform
Concen: 23.598 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 83 Resp: 94325
Ion Ratio Lower Upper
83 100
85 66.8 45.1 83.7





#27

1,2-Dichloroethane

Concen: 20.988 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW021750.D

Acq: 06 Jan 2022 11:58

Instrument :

MSVOA_W

ClientSampleId :

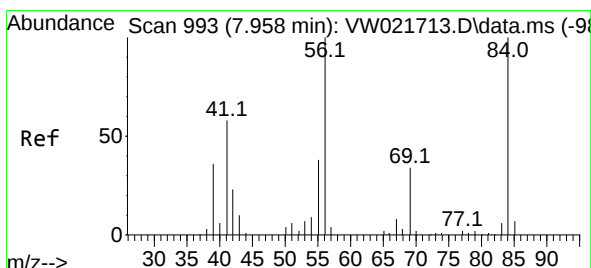
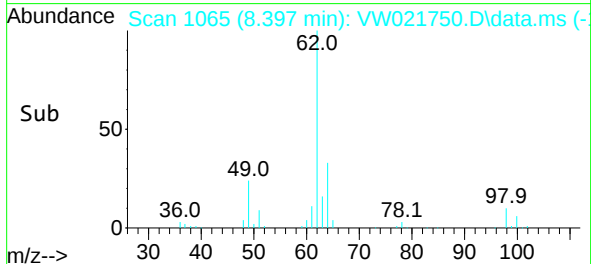
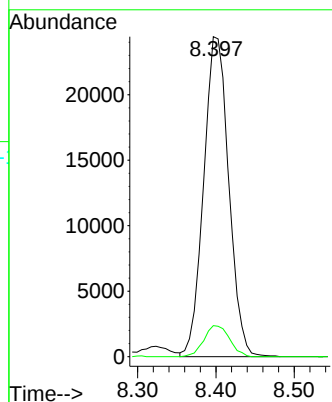
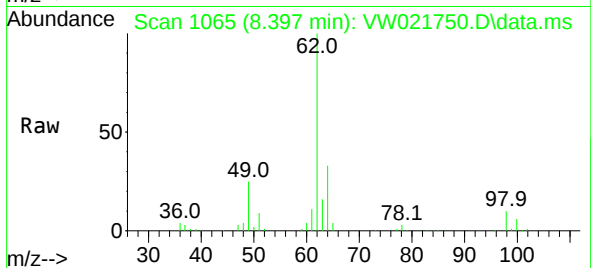
VSTD025522

Tgt Ion: 62 Resp: 54415

Ion Ratio Lower Upper

62 100

98 9.7 6.5 9.7



#29

Cyclohexane

Concen: 24.087 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW021750.D

Acq: 06 Jan 2022 11:58

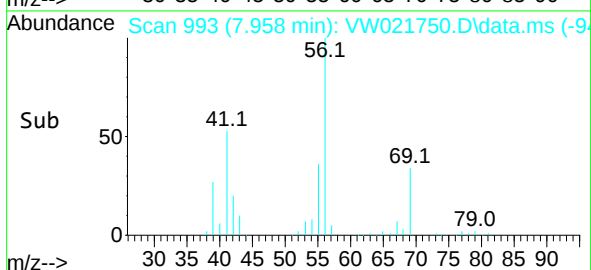
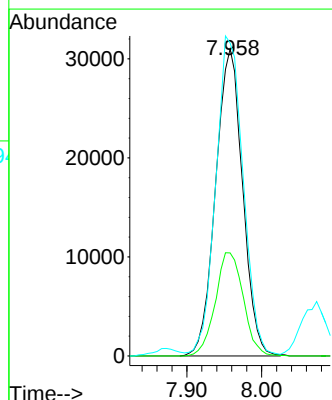
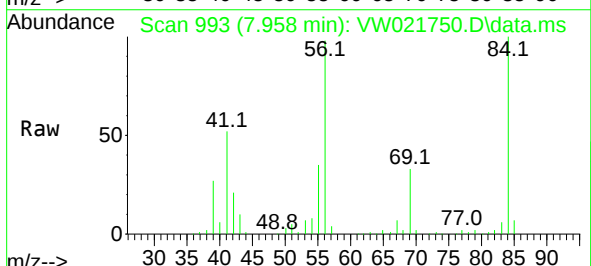
Tgt Ion: 56 Resp: 77910

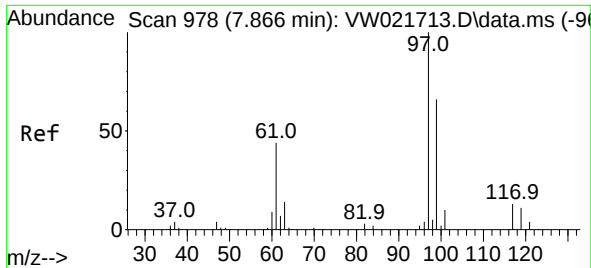
Ion Ratio Lower Upper

56 100

69 34.8 23.5 35.3

84 105.8 63.4 95.2#

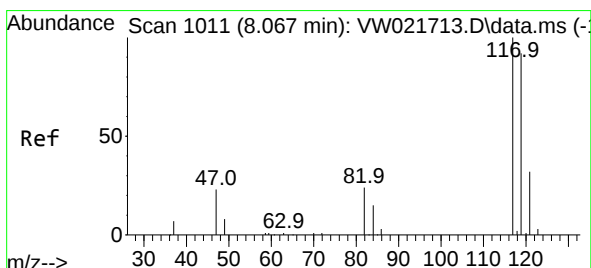
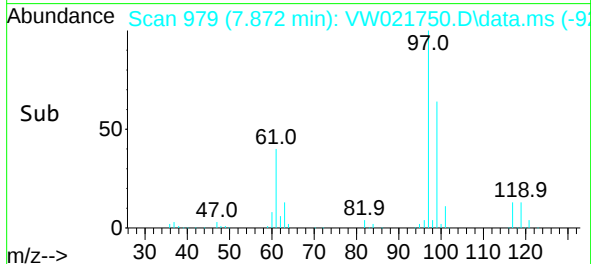
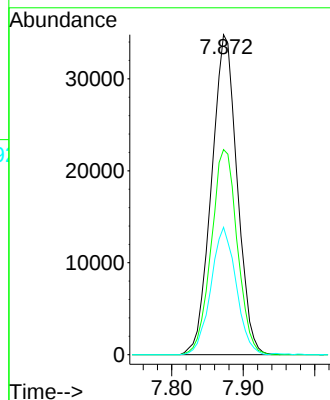
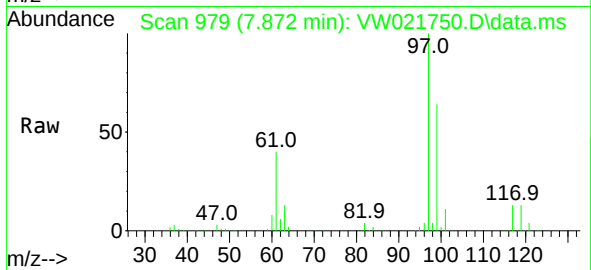




#30
1,1,1-Trichloroethane
Concen: 23.506 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

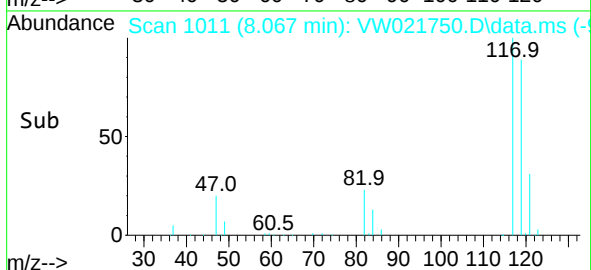
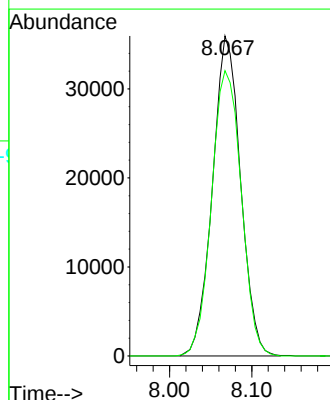
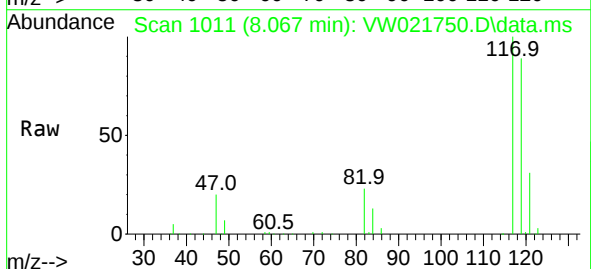
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

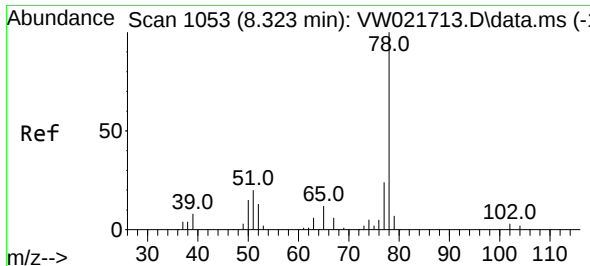
Tgt Ion: 97 Resp: 86746
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 39.1 40.9 61.3#



#31
Carbon tetrachloride
Concen: 23.796 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 117 Resp: 85396
Ion Ratio Lower Upper
117 100
119 94.5 75.7 113.5

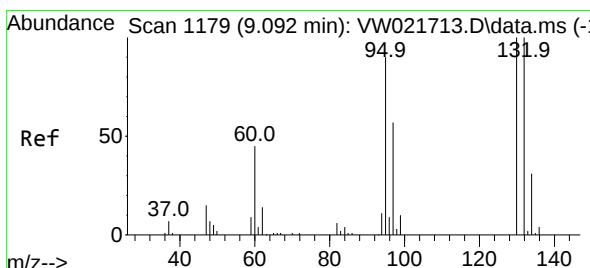
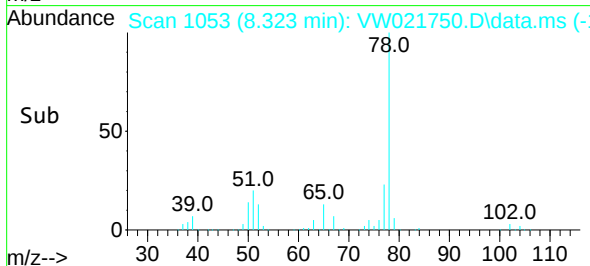
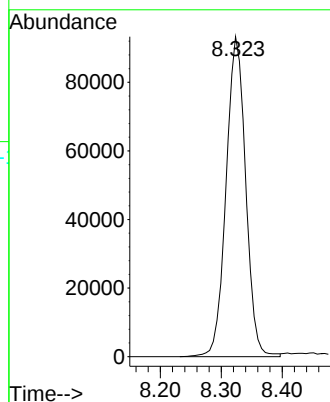
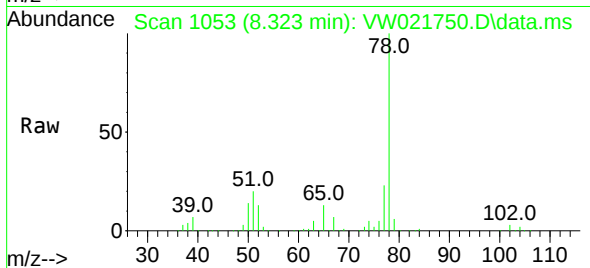




#33
Benzene
Concen: 24.439 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

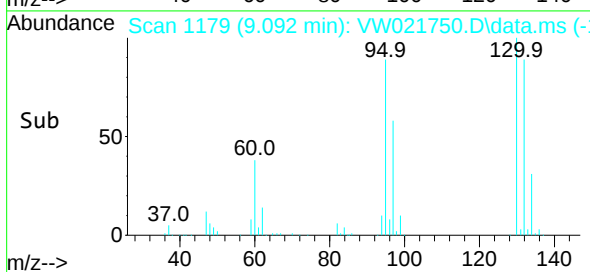
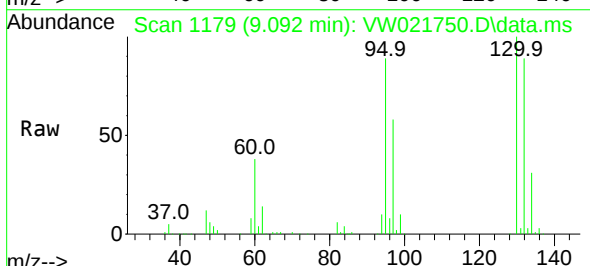
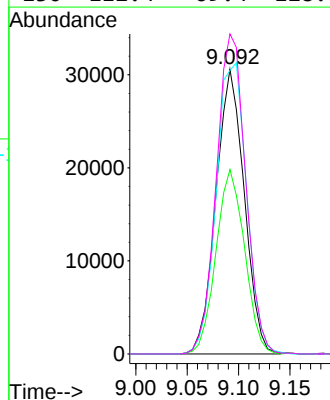
Tgt Ion: 78 Resp: 208566

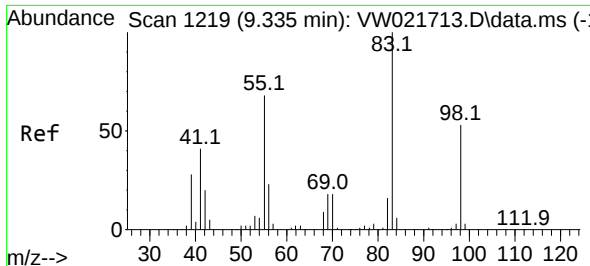


#34
Trichloroethene
Concen: 24.146 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 95 Resp: 58497

Ion	Ratio	Lower	Upper
95	100		
97	64.8	47.0	87.2
132	99.6	65.5	121.6
130	112.4	69.4	128.8

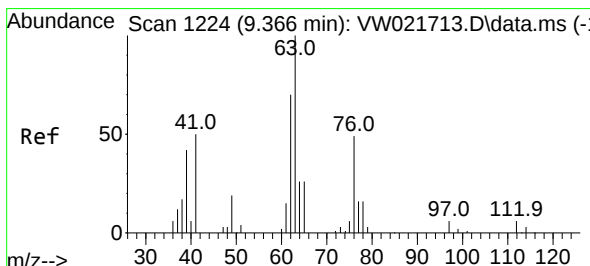
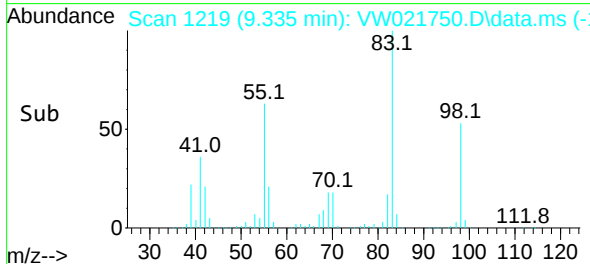
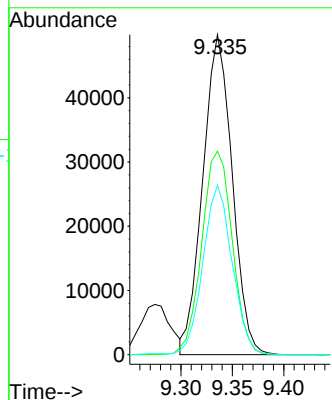
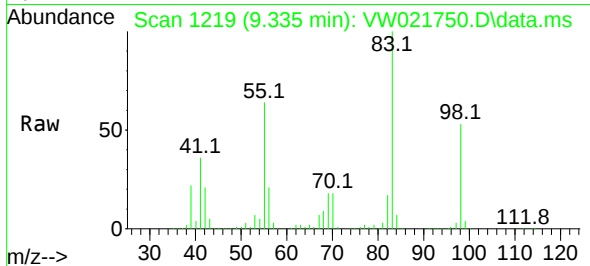




#35
Methylcyclohexane
Concen: 24.838 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

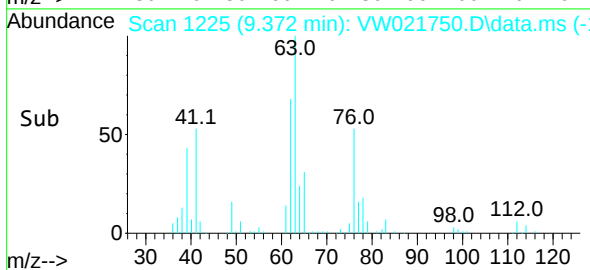
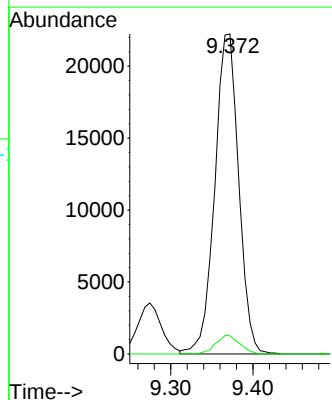
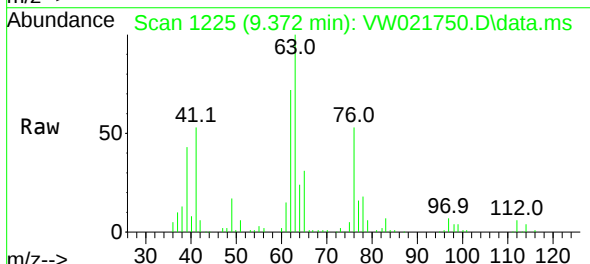
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

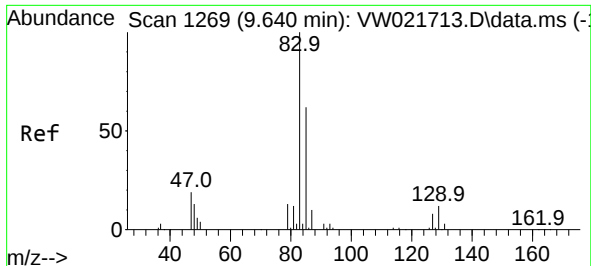
Tgt Ion: 83 Resp: 99281
Ion Ratio Lower Upper
83 100
55 65.9 70.8 106.2#
98 52.7 37.7 56.5



#37
1,2-Dichloropropane
Concen: 23.775 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 63 Resp: 44966
Ion Ratio Lower Upper
63 100
112 5.8 3.2 4.8#

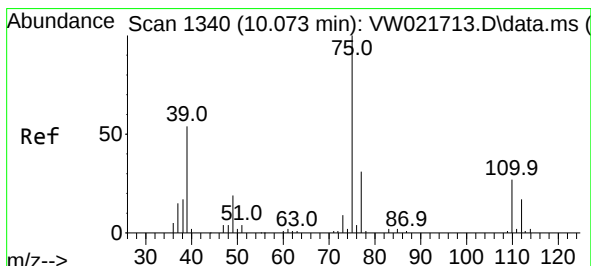
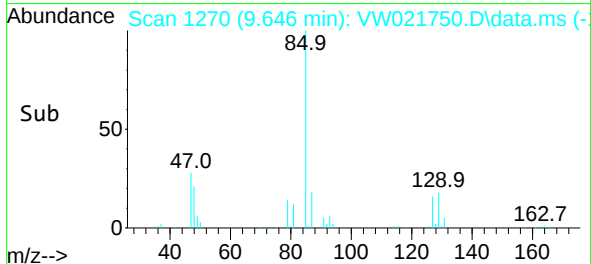
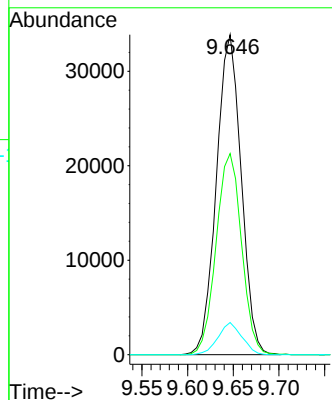
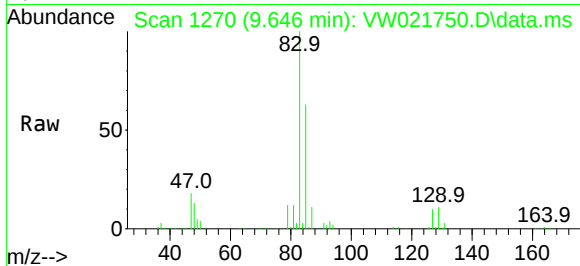




#38
Bromodichloromethane
Concen: 22.170 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

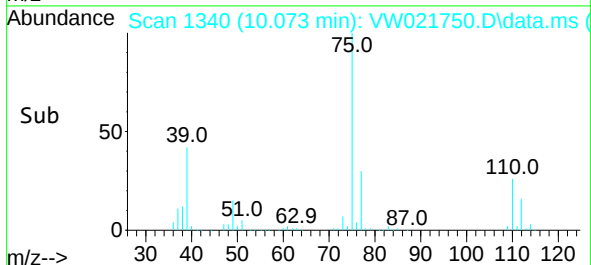
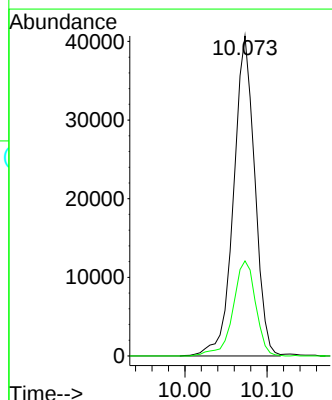
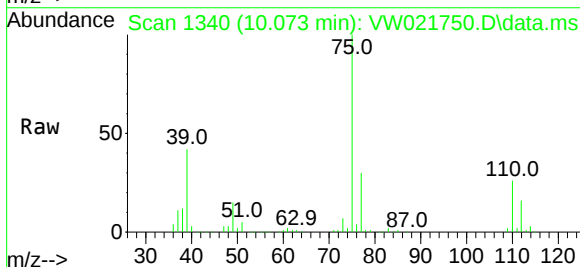
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

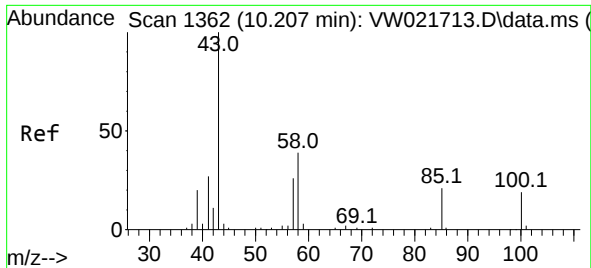
Tgt Ion: 83 Resp: 64000
Ion Ratio Lower Upper
83 100
85 62.9 44.1 81.9
127 10.0 6.1 9.1#



#39
cis-1,3-Dichloropropene
Concen: 23.611 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 75 Resp: 72963
Ion Ratio Lower Upper
75 100
77 29.7 21.8 40.6

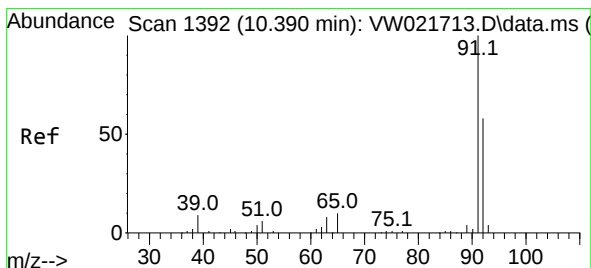
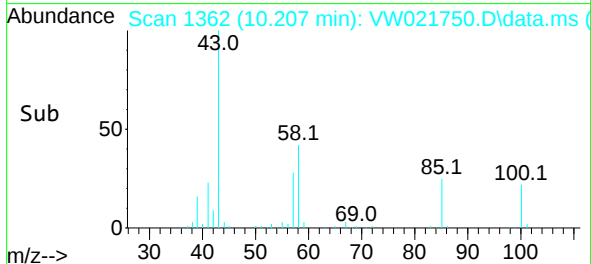
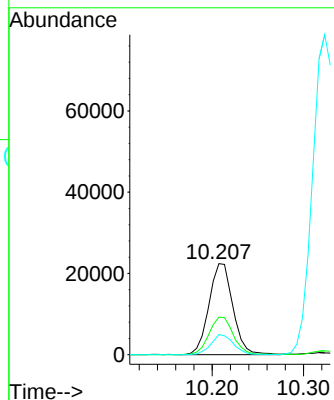
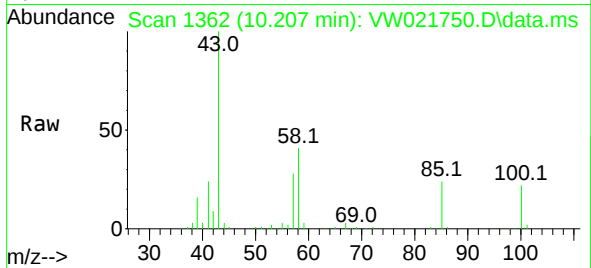




#40
4-Methyl-2-pentanone
Concen: 39.164 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

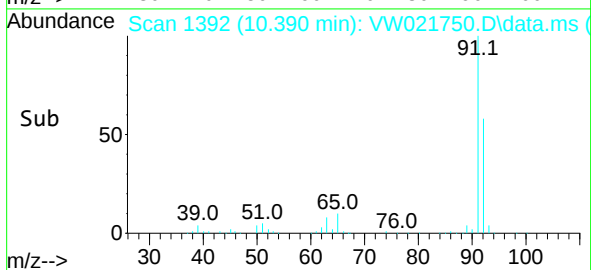
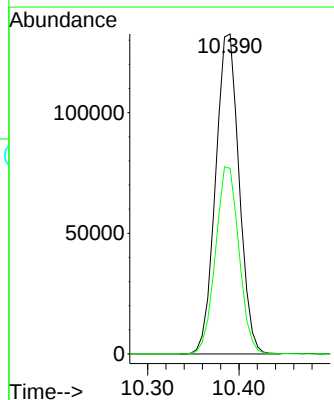
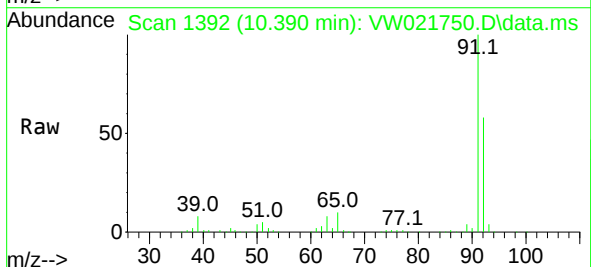
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

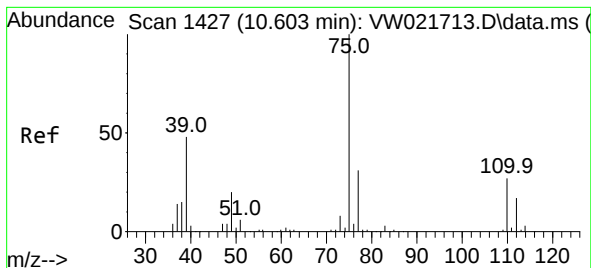
Tgt Ion: 43 Resp: 40804
Ion Ratio Lower Upper
43 100
58 41.6 28.8 43.2
100 20.9 10.0 15.0#



#42
Toluene
Concen: 24.086 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 91 Resp: 237285
Ion Ratio Lower Upper
91 100
92 58.0 41.7 77.5





#44

trans-1,3-Dichloropropene

Concen: 21.802 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021750.D

Acq: 06 Jan 2022 11:58

Instrument :

MSVOA_W

ClientSampleId :

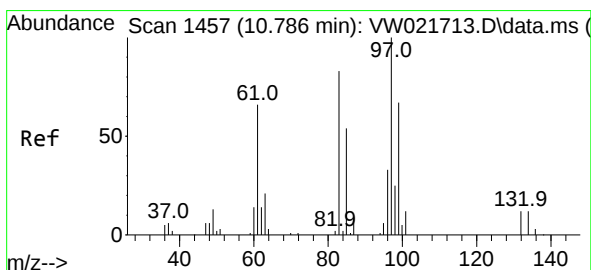
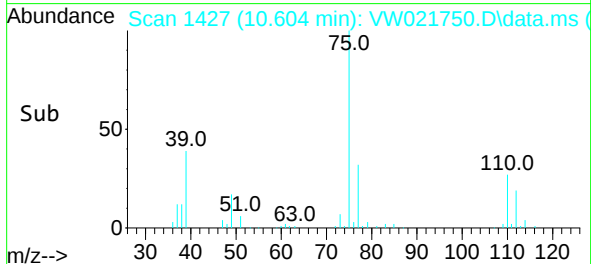
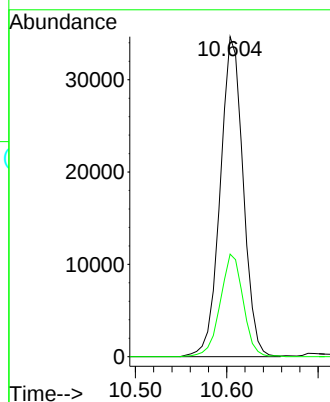
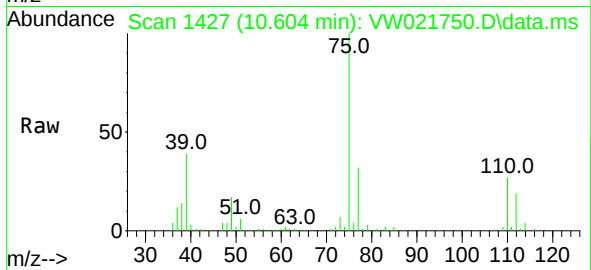
VSTD025522

Tgt Ion: 75 Resp: 60532

Ion Ratio Lower Upper

75 100

77 32.1 22.2 41.2



#45

1,1,2-Trichloroethane

Concen: 22.906 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021750.D

Acq: 06 Jan 2022 11:58

Tgt Ion: 97 Resp: 35984

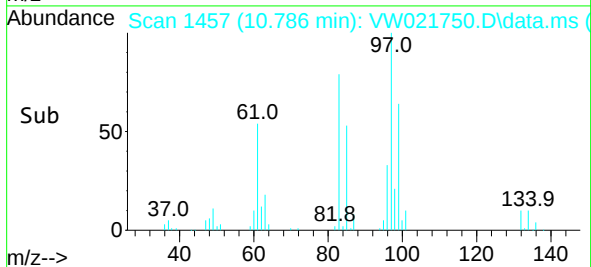
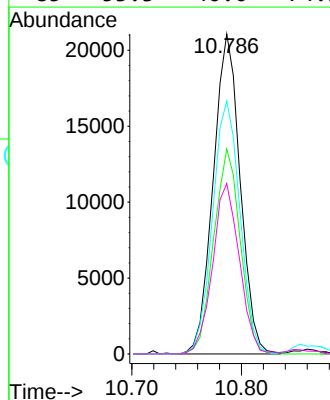
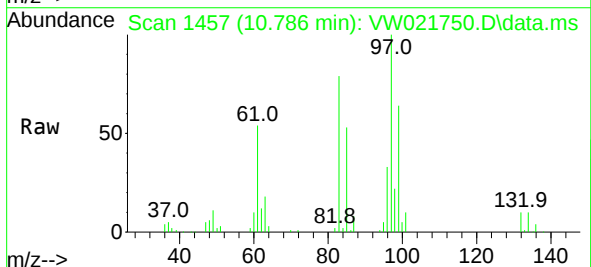
Ion Ratio Lower Upper

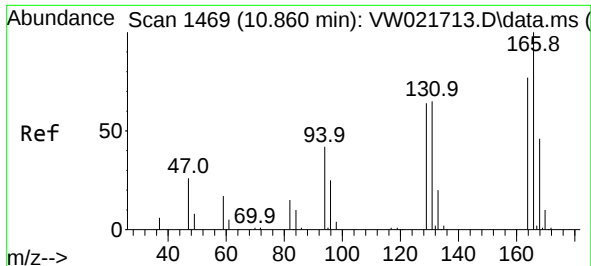
97 100

99 64.1 43.0 79.8

83 79.1 62.6 116.3

85 53.3 40.0 74.2

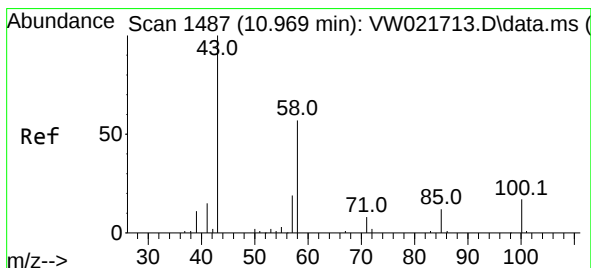
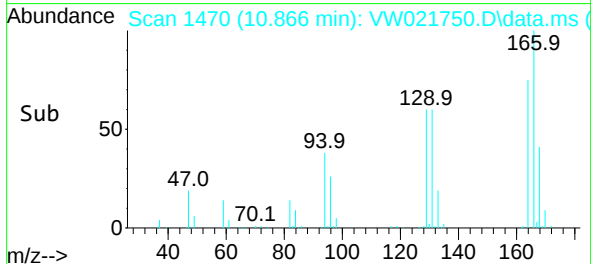
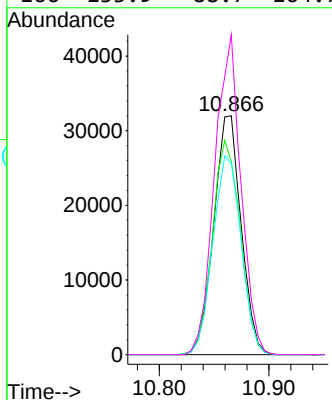
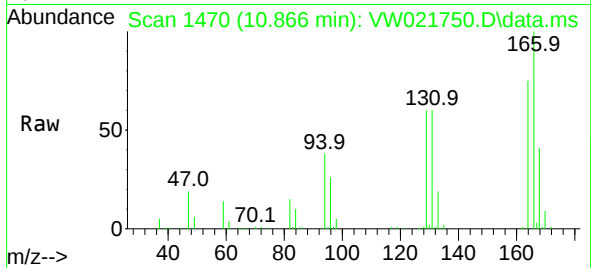




#46
Tetrachloroethene
Concen: 24.518 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

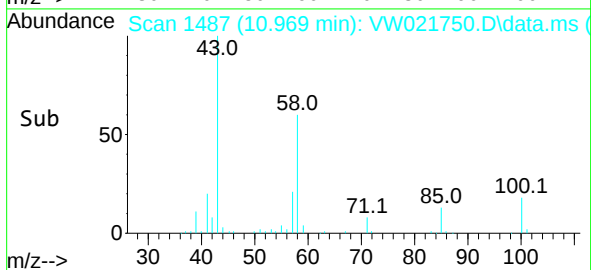
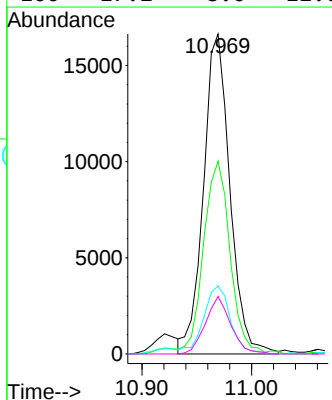
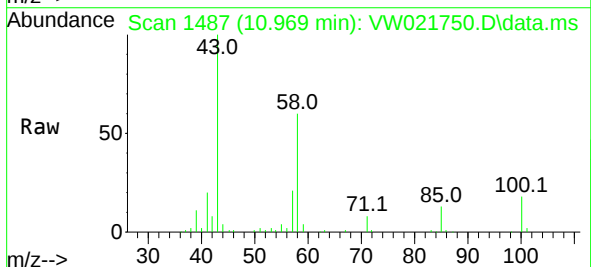
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

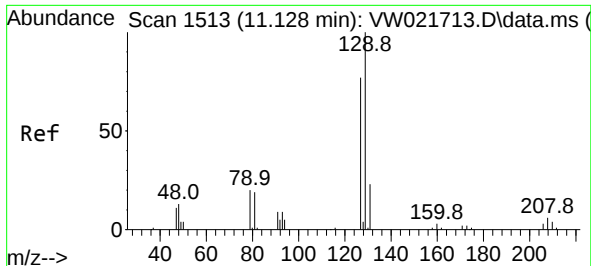
Tgt Ion:164 Resp: 55624
Ion Ratio Lower Upper
164 100
129 80.8 65.5 121.7
131 80.1 59.7 110.9
166 133.9 88.7 164.7



#48
2-Hexanone
Concen: 39.410 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 43 Resp: 27885
Ion Ratio Lower Upper
43 100
58 60.1 40.2 60.2
57 21.6 14.3 21.5#
100 17.2 8.0 12.0#





#49

Dibromochloromethane

Concen: 22.377 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021750.D

Acq: 06 Jan 2022 11:58

Instrument :

MSVOA_W

ClientSampleId :

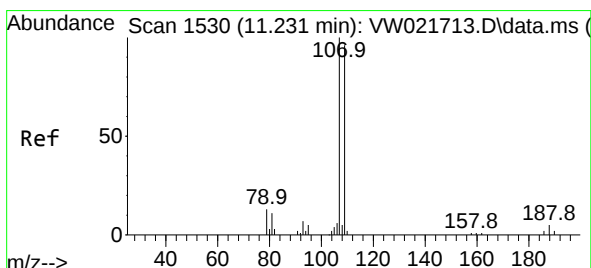
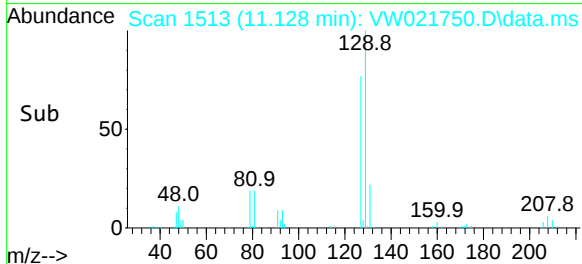
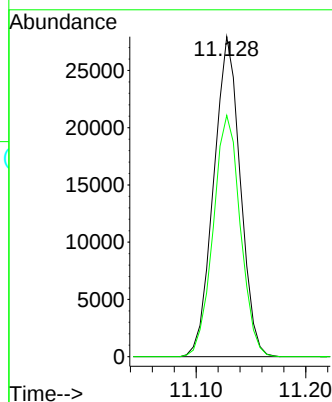
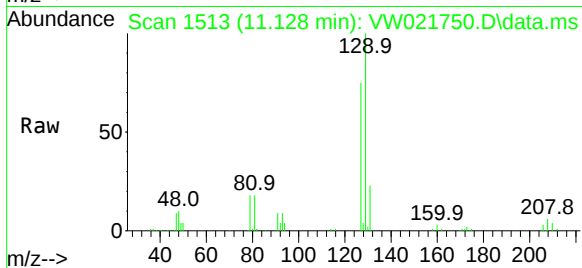
VSTD025522

Tgt Ion:129 Resp: 47232

Ion Ratio Lower Upper

129 100

127 75.4 55.7 103.5



#50

1,2-Dibromoethane

Concen: 23.322 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW021750.D

Acq: 06 Jan 2022 11:58

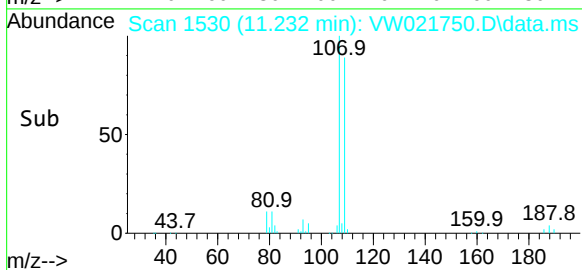
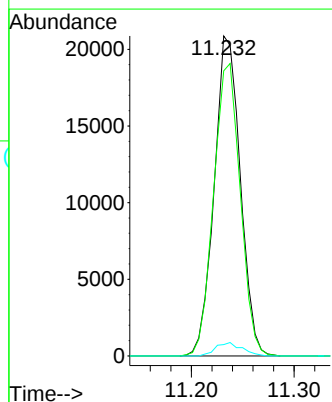
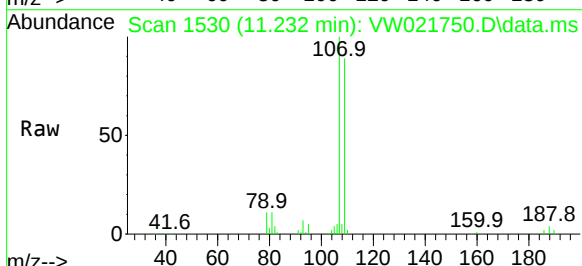
Tgt Ion:107 Resp: 36797

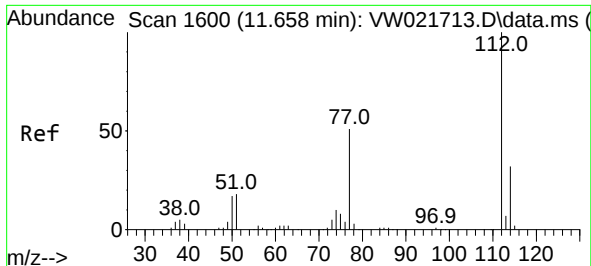
Ion Ratio Lower Upper

107 100

109 89.1 64.1 119.1

188 3.6 2.6 3.8

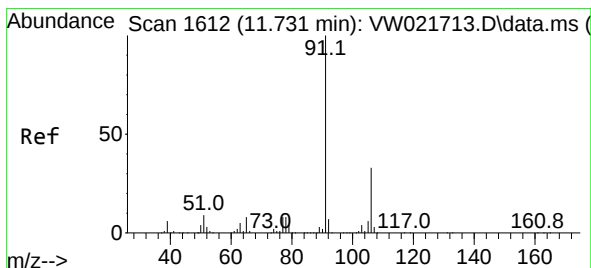
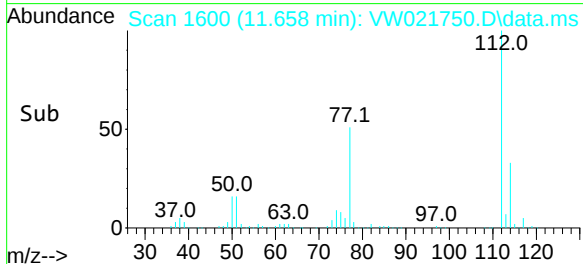
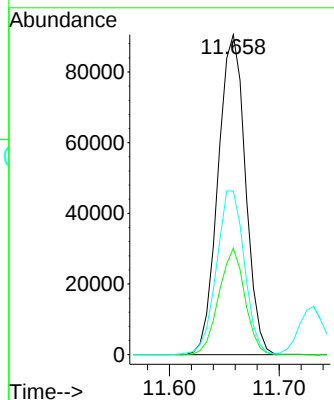
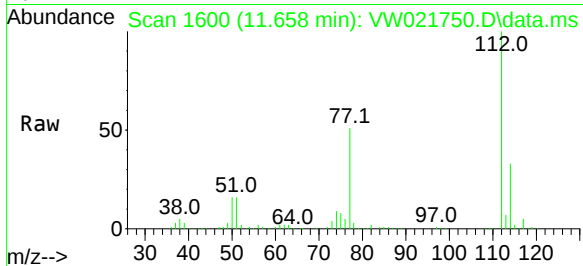




#51
Chlorobenzene
Concen: 24.709 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

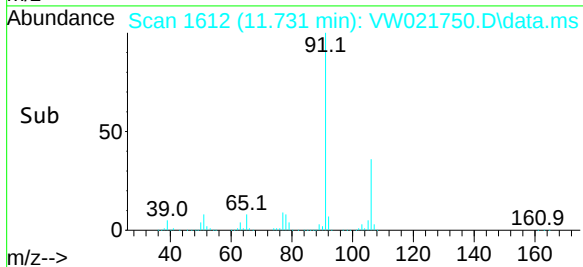
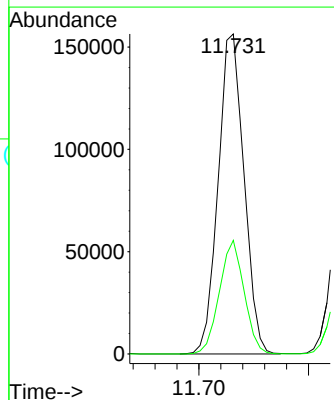
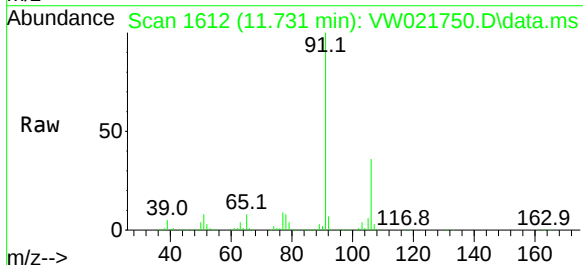
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

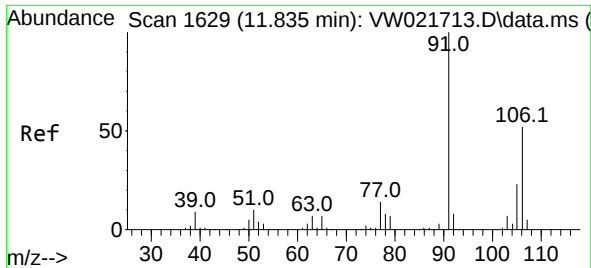
Tgt Ion:112 Resp: 157062
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 51.1 50.2 75.4



#52
Ethylbenzene
Concen: 23.145 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 91 Resp: 255947
Ion Ratio Lower Upper
91 100
106 35.5 21.5 39.9

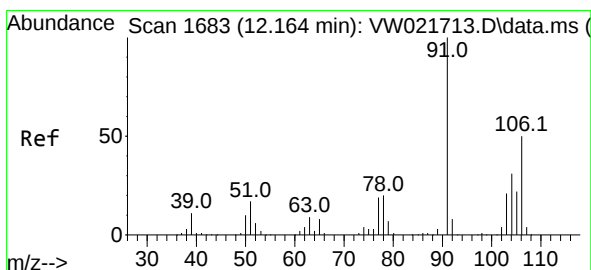
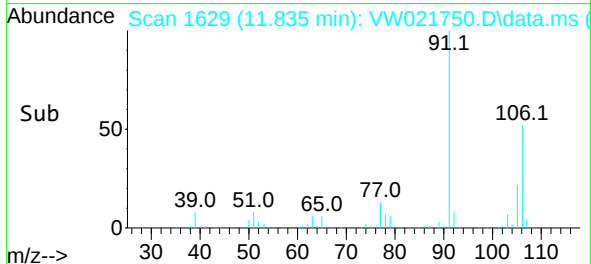
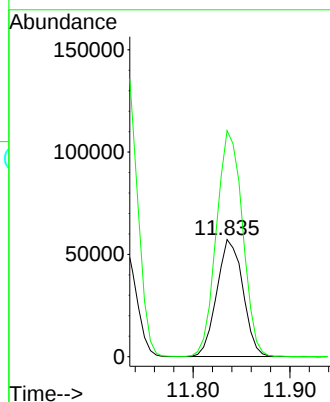
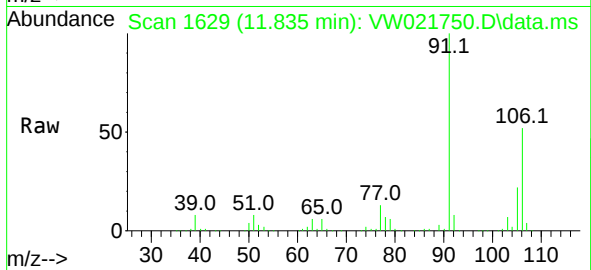




#53
m,p-Xylene
Concen: 24.141 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

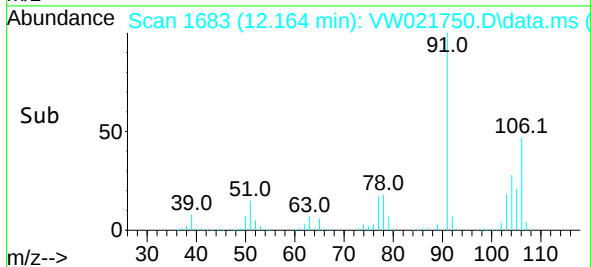
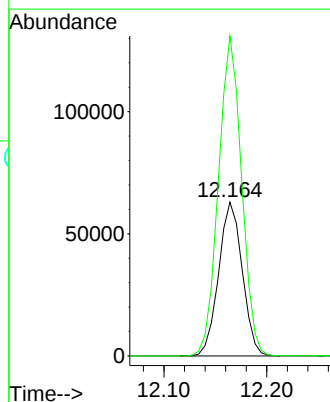
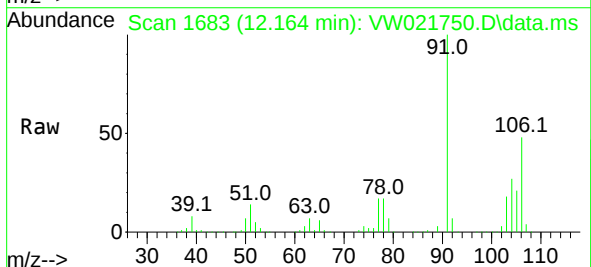
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

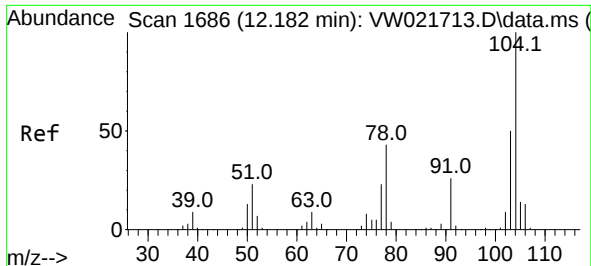
Tgt Ion:106 Resp: 106969
Ion Ratio Lower Upper
106 100
91 193.1 149.9 278.3



#54
o-Xylene
Concen: 23.915 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion:106 Resp: 100437
Ion Ratio Lower Upper
106 100
91 208.1 153.6 285.3

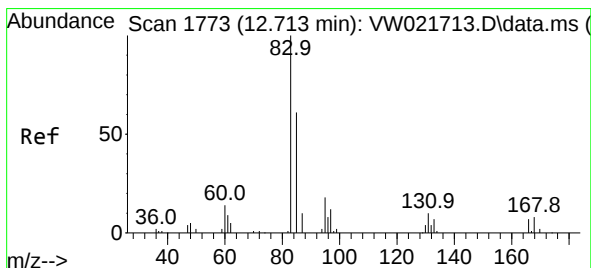
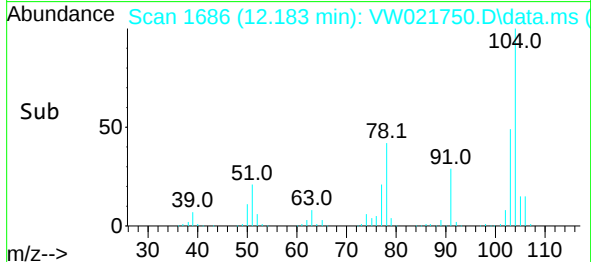
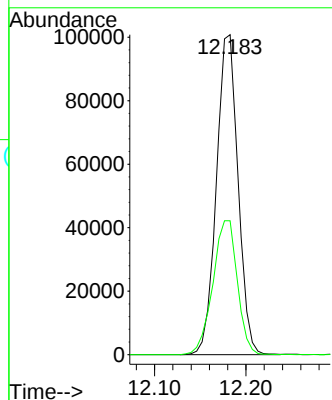
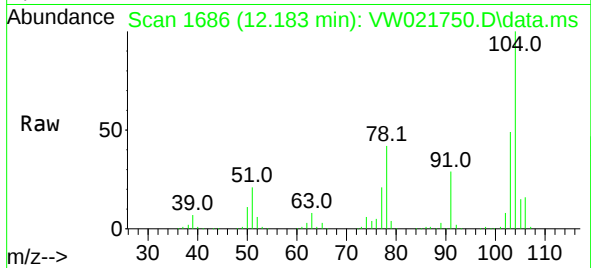




#55
Styrene
Concen: 22.989 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

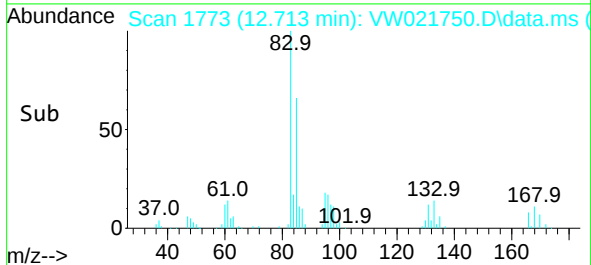
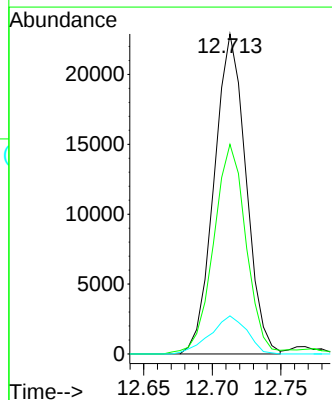
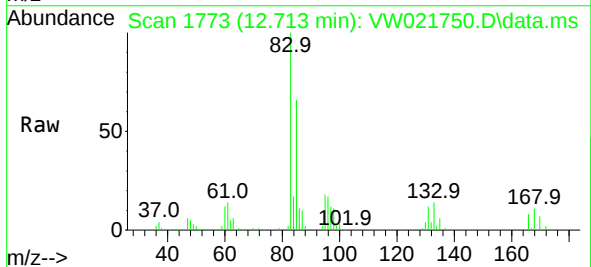
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

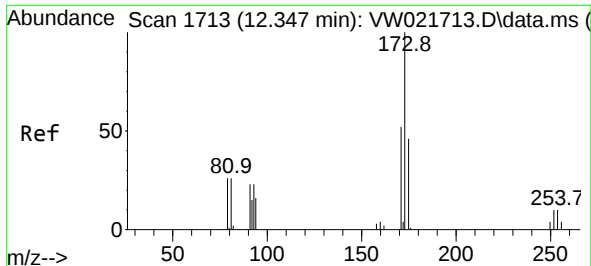
Tgt Ion:104 Resp: 165807
Ion Ratio Lower Upper
104 100
78 41.9 34.4 64.0



#57
1,1,2,2-Tetrachloroethane
Concen: 21.240 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 83 Resp: 36909
Ion Ratio Lower Upper
83 100
85 65.5 44.0 81.6
131 11.9 6.9 10.3#

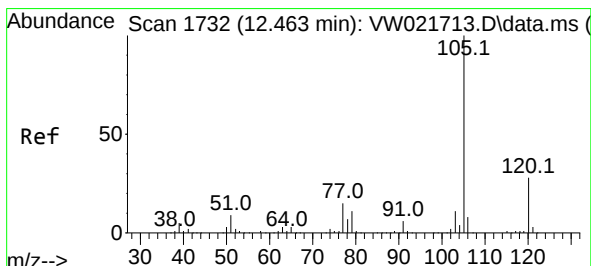
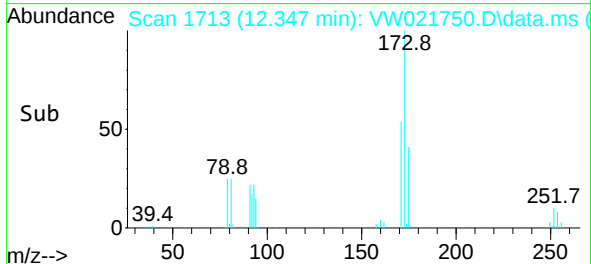
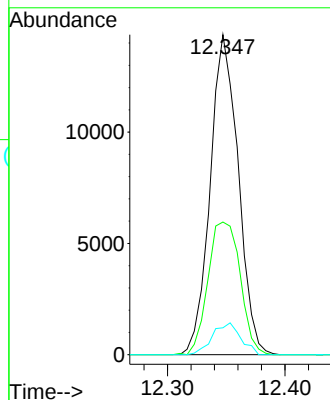
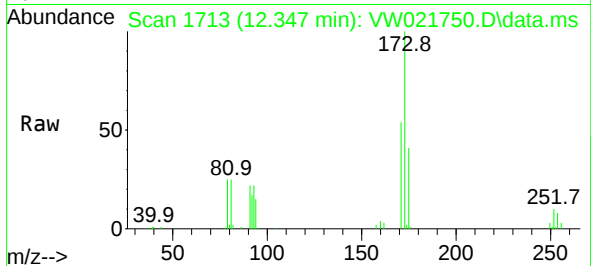




#59
Bromoform
Concen: 21.568 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

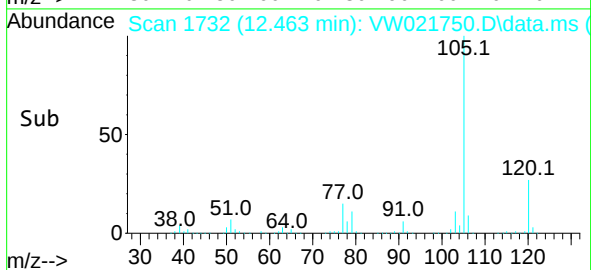
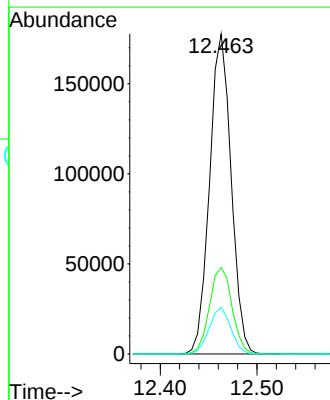
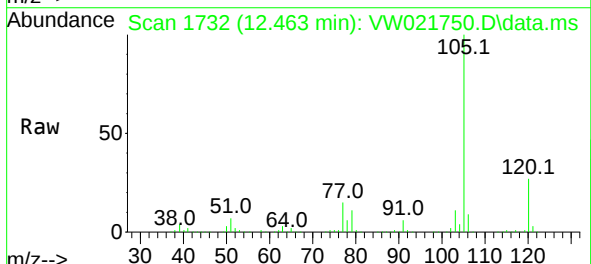
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

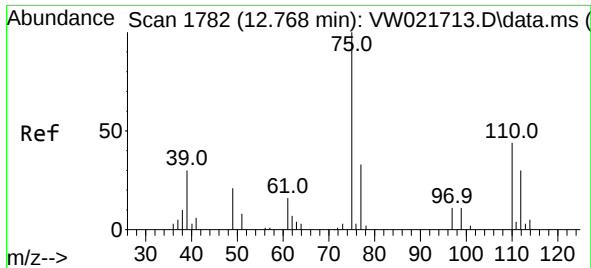
Tgt Ion:173 Resp: 23883
Ion Ratio Lower Upper
173 100
175 47.5 39.6 59.4
254 10.0 7.4 11.0



#60
Isopropylbenzene
Concen: 26.028 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion:105 Resp: 275284
Ion Ratio Lower Upper
105 100
120 28.1 20.1 30.1
77 14.6 13.8 20.8

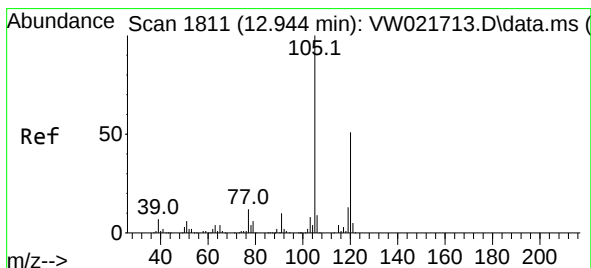
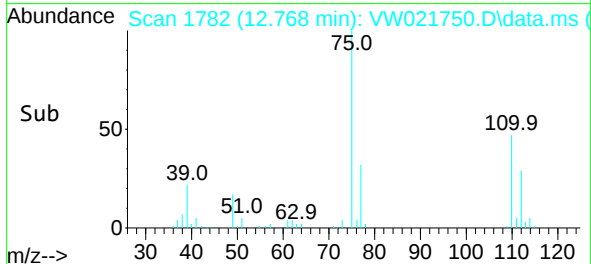
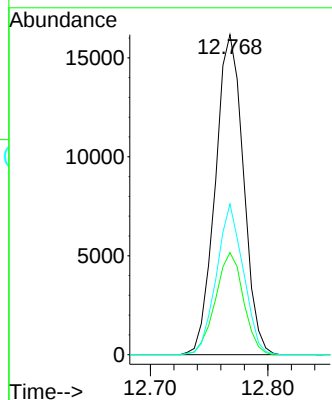
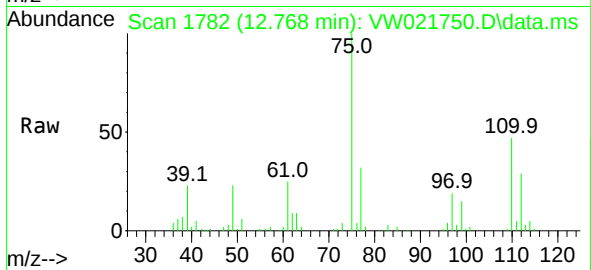




#61
1,2,3-Trichloropropane
Concen: 23.185 ug/L
RT: 12.768 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

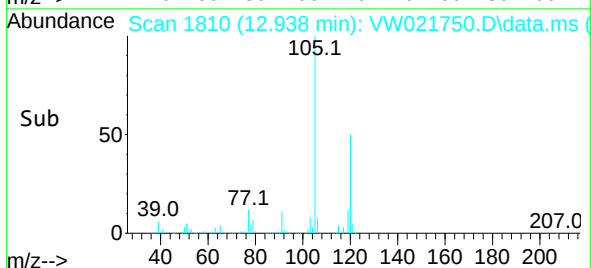
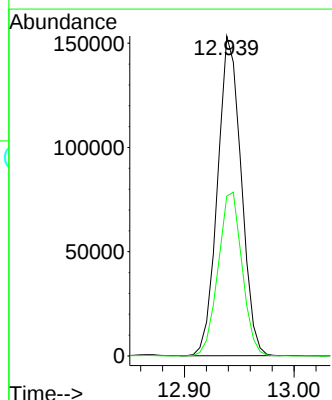
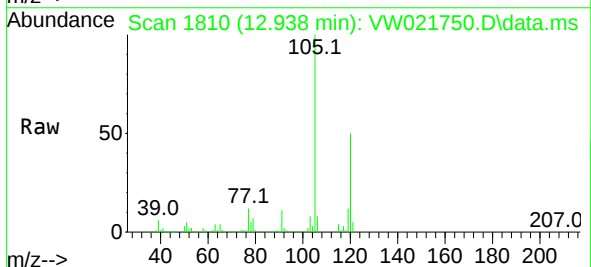
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

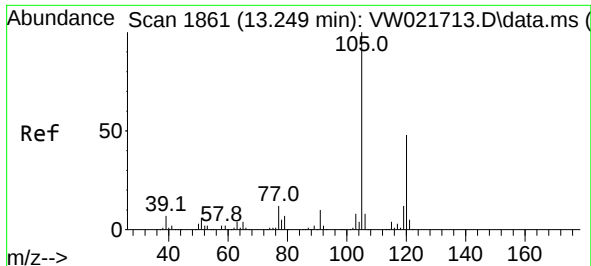
Tgt Ion: 75 Resp: 26918
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8
110 44.8 29.0 43.4#



#62
1,3,5-Trimethylbenzene
Concen: 25.704 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion: 105 Resp: 229838
Ion Ratio Lower Upper
105 100
120 52.0 37.4 56.2

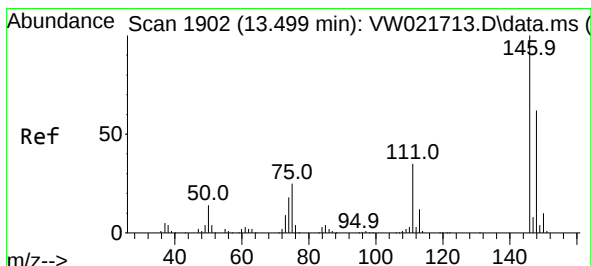
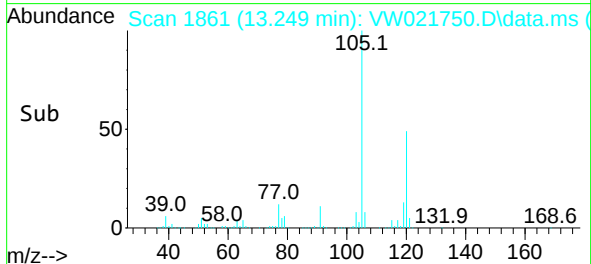
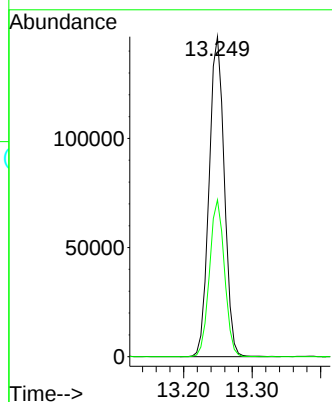
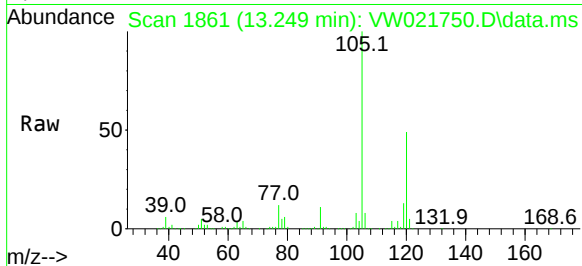




#63
 1,2,4-Trimethylbenzene
 Concen: 25.511 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021750.D
 Acq: 06 Jan 2022 11:58

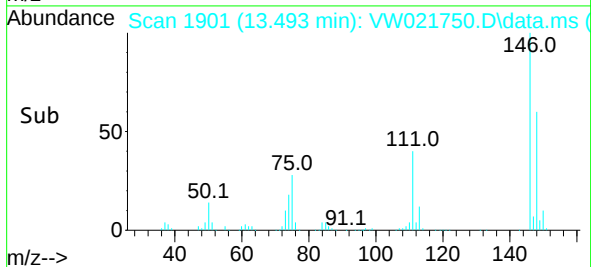
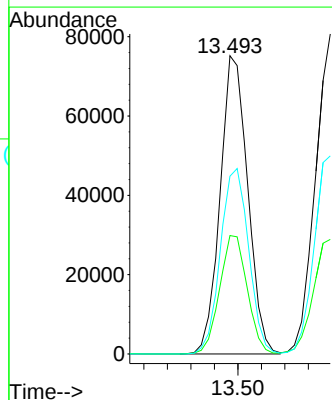
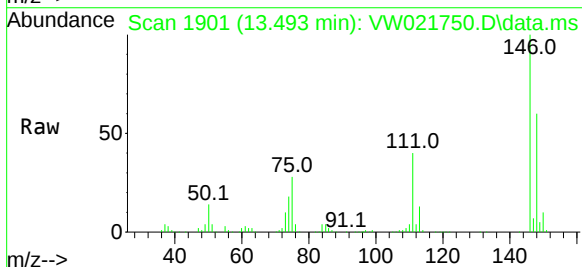
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

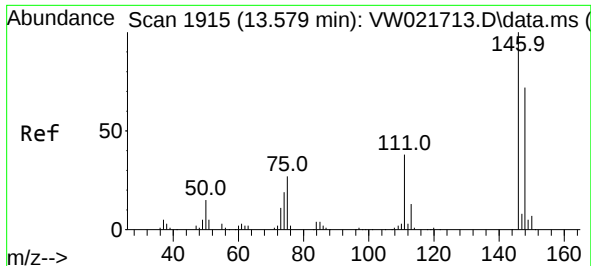
Tgt Ion:105 Resp: 226590
 Ion Ratio Lower Upper
 105 100
 120 48.3 35.0 52.6



#64
 1,3-Dichlorobenzene
 Concen: 24.588 ug/L
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.006 min
 Lab File: VW021750.D
 Acq: 06 Jan 2022 11:58

Tgt Ion:146 Resp: 122784
 Ion Ratio Lower Upper
 146 100
 111 39.7 29.8 55.3
 148 59.6 46.2 85.8

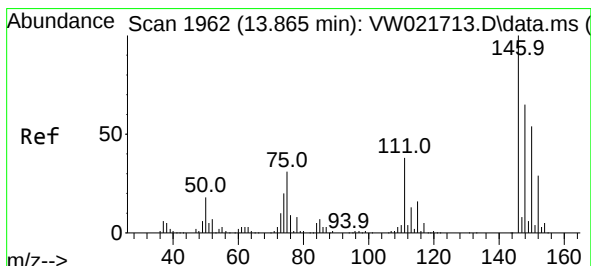
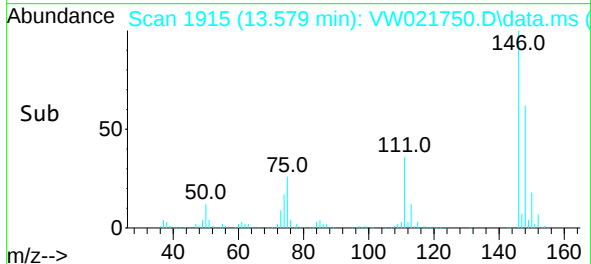
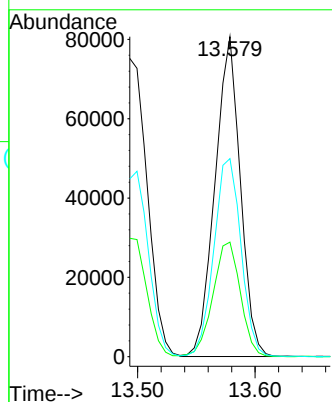
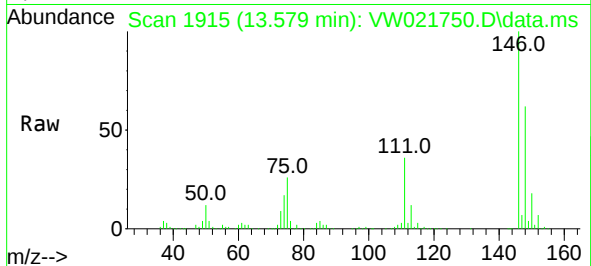




#65
1,4-Dichlorobenzene
Concen: 24.317 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

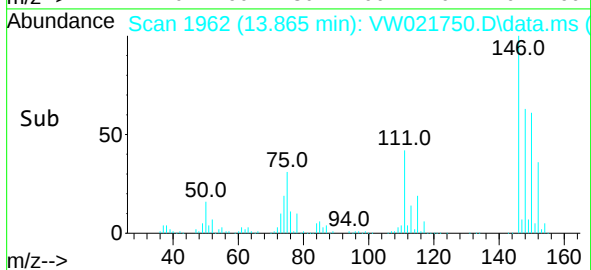
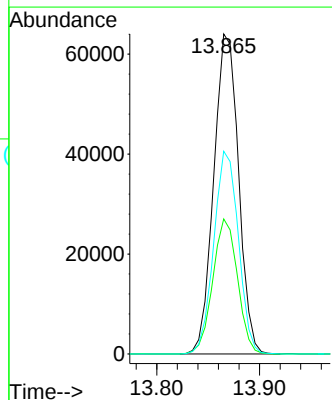
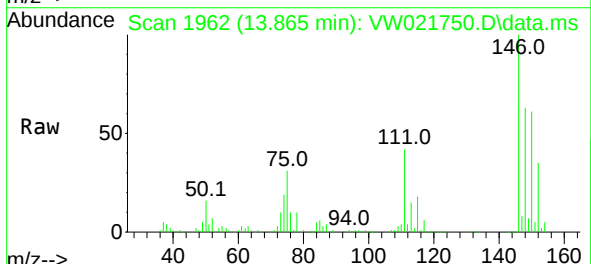
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

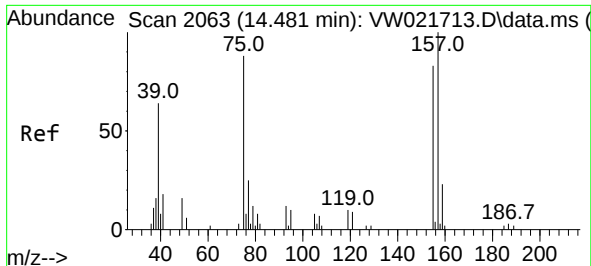
Tgt Ion:146 Resp: 121082
Ion Ratio Lower Upper
146 100
111 35.8 29.0 53.9
148 61.9 46.9 87.1



#67
1,2-Dichlorobenzene
Concen: 24.622 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

Tgt Ion:146 Resp: 107349
Ion Ratio Lower Upper
146 100
111 42.2 33.1 49.7
148 63.4 47.4 71.2





#68

1,2-Dibromo-3-chloropropane

Concen: 18.780 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021750.D

Acq: 06 Jan 2022 11:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

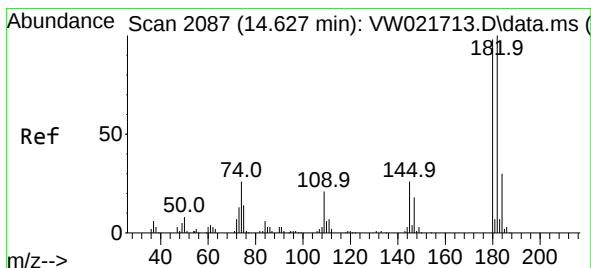
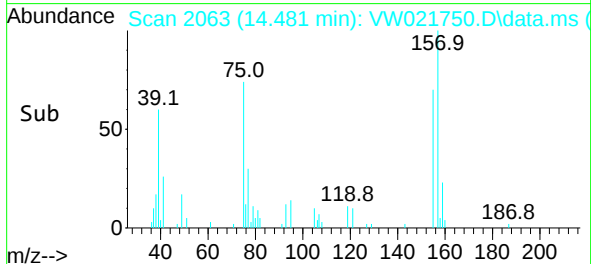
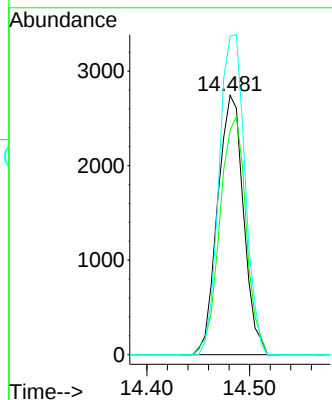
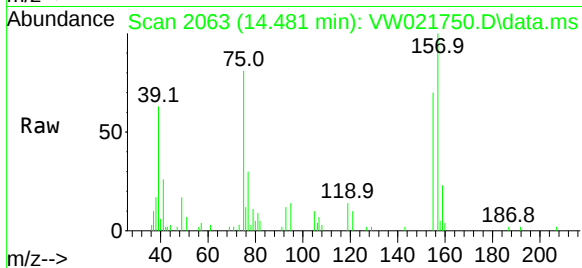
Tgt Ion: 75 Resp: 4801

Ion Ratio Lower Upper

75 100

155 86.5 54.2 81.2#

157 122.9 69.4 104.2#



#69

1,3,5-Trichlorobenzene

Concen: 23.885 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW021750.D

Acq: 06 Jan 2022 11:58

Tgt Ion:180 Resp: 87617

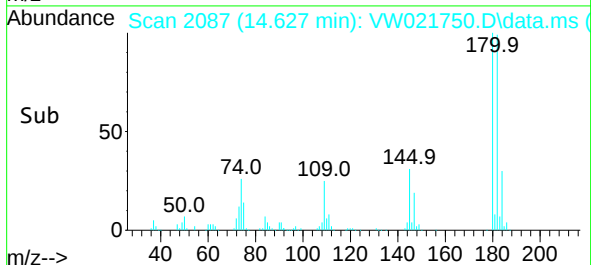
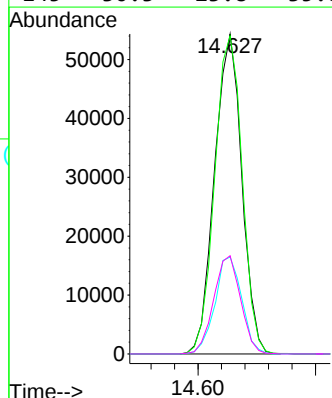
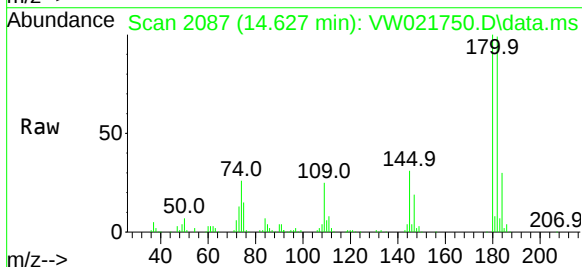
Ion Ratio Lower Upper

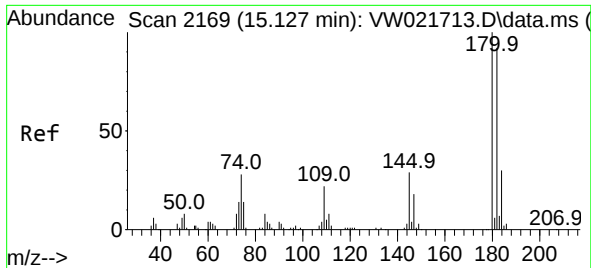
180 100

182 99.9 75.4 113.0

184 29.8 23.8 35.8

145 30.3 23.8 35.8

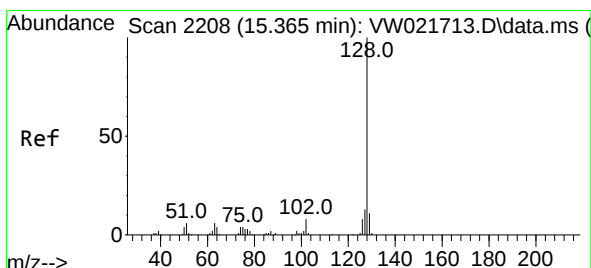
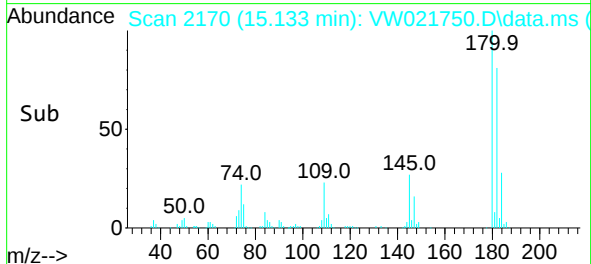
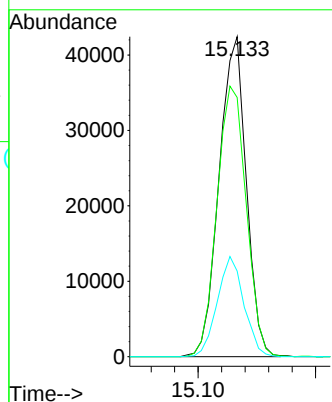
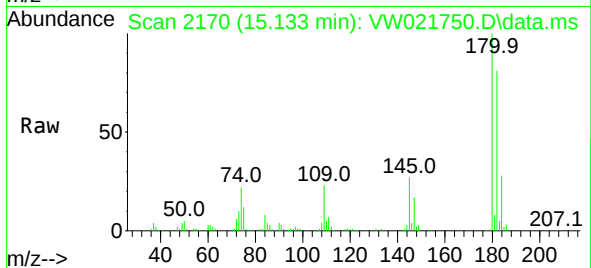




#70
1,2,4-trichlorobenzene
Concen: 23.289 ug/L
RT: 15.133 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

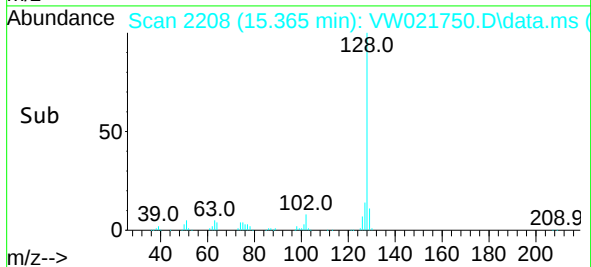
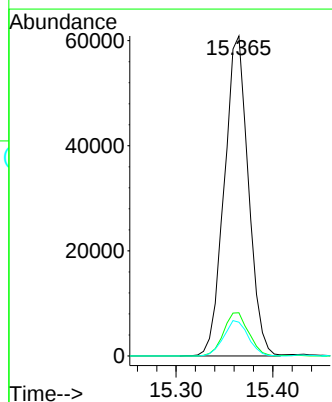
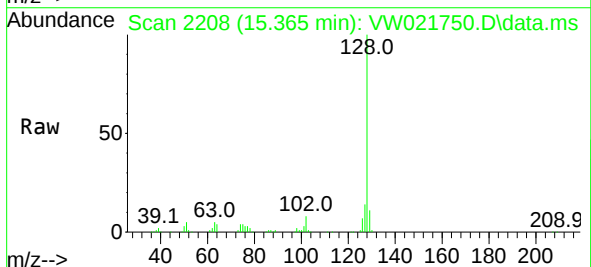
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

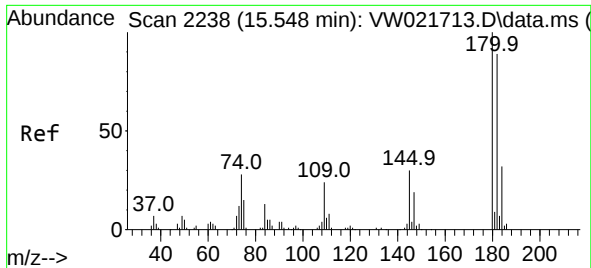
Tgt Ion:180 Resp: 68193
Ion Ratio Lower Upper
180 100
182 91.0 79.0 118.6
145 30.7 26.0 39.0



#71
Naphthalene
Concen: 22.056 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW021750.D
Acq: 06 Jan 2022 11:58

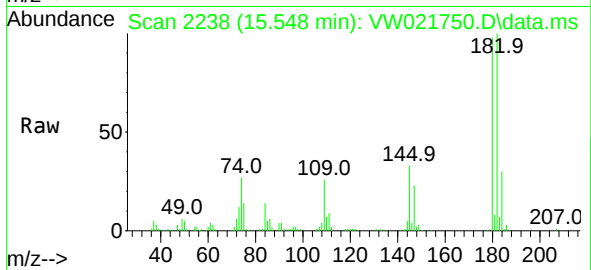
Tgt Ion:128 Resp: 105078
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 11.2 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 22.378 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW021750.D
 Acq: 06 Jan 2022 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522



Tgt Ion:	180	Resp:	55159
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.6	114.8
145	32.8	27.4	41.0

