

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031522\
 Data File : VW022351.D
 Acq On : 15 Mar 2022 20:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

Quant Time: Mar 16 05:37:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 16 05:30:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	131310	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	125017	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34014	19.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.440%
7) Chloroethane-d5	2.879	69	27645	20.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
11) 1,1-Dichloroethene-d2	4.025	63	55313	21.090	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.360%
21) 2-Butanone-d5	7.080	46	19263	66.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.780%
24) Chloroform-d	7.647	84	74833	25.543	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.160%
26) 1,2-Dichloroethane-d4	8.305	65	37699	24.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	8.275	84	134966	23.197	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	9.275	67	39126	24.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	10.323	98	128215	22.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.680%
43) trans-1,3-Dichloroprop...	10.573	79	17100	23.868	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.921	63	16096	60.567	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	42789	30.175	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.680%#
66) 1,2-Dichlorobenzene-d4	13.853	152	55974	23.951	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	5270	14.361	ug/L	100
3) Chloromethane	2.215	50	25900	20.596	ug/L	100
5) Vinyl chloride	2.361	62	39717	21.020	ug/L	100
6) Bromomethane	2.776	94	24366	18.465	ug/L	99
8) Chloroethane	2.916	64	23192	21.850	ug/L	96
9) Trichlorofluoromethane	3.257	101	28944	22.563	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37711	24.095	ug/L	94
12) 1,1-Dichloroethene	4.044	96	30399	22.411	ug/L	96
13) Acetone	4.123	43	13094	55.673	ug/L	97
14) Carbon disulfide	4.385	76	56210	15.984	ug/L	98
15) Methyl Acetate	4.672	43	15077	28.475	ug/L	95
16) Methylene chloride	4.916	84	41654	25.844	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	33752	22.655	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	57816	28.524	ug/L	99
19) 1,1-Dichloroethane	6.214	63	63122	26.170	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	41496	25.711	ug/L	98
22) 2-Butanone	7.171	43	21114	62.494	ug/L	99
23) Bromochloromethane	7.519	128	20072	25.459	ug/L	96
25) Chloroform	7.677	83	76744	27.270	ug/L	98

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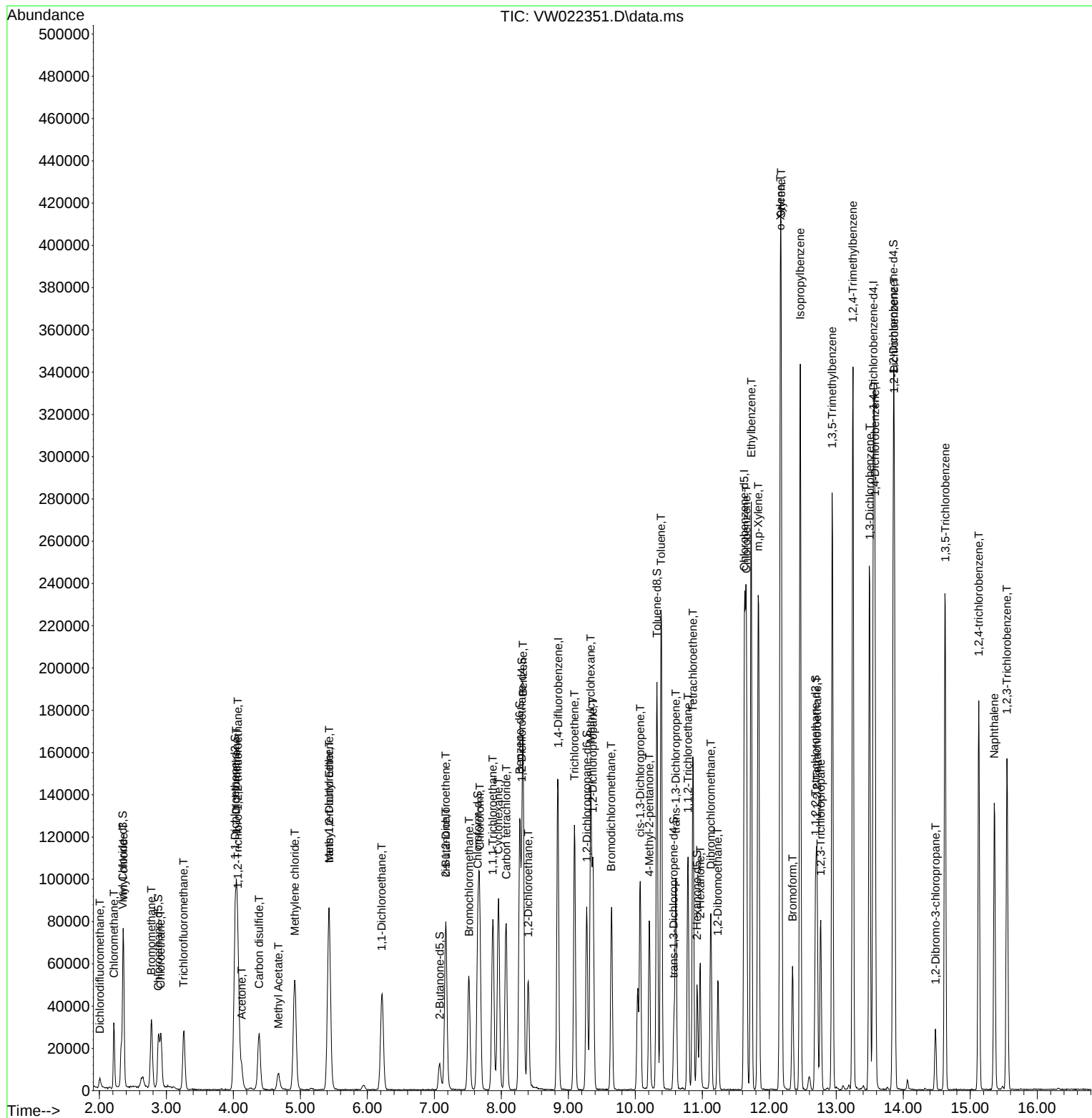
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	45817	26.432	ug/L	99
29) Cyclohexane	7.958	56	44627	21.450	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	65735	26.135	ug/L	98
31) Carbon tetrachloride	8.074	117	60623	25.361	ug/L	100
33) Benzene	8.323	78	148325	24.540	ug/L	100
34) Trichloroethene	9.092	95	40965	23.671	ug/L	97
35) Methylcyclohexane	9.336	83	58820	21.974	ug/L	99
37) 1,2-Dichloropropane	9.366	63	37105	26.314	ug/L	97
38) Bromodichloromethane	9.640	83	56534	27.958	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	57546	26.848	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	47840	62.824	ug/L	99
42) Toluene	10.384	91	172483	25.213	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	52159	27.080	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	34984	27.978	ug/L	95
46) Tetrachloroethene	10.860	164	34936	23.044	ug/L	86
48) 2-Hexanone	10.969	43	34457	65.195	ug/L	97
49) Dibromochloromethane	11.128	129	42862	28.221	ug/L	98
50) 1,2-Dibromoethane	11.232	107	32728	27.136	ug/L	95
51) Chlorobenzene	11.658	112	123963	26.037	ug/L	97
52) Ethylbenzene	11.731	91	198519	26.221	ug/L	99
53) m,p-Xylene	11.835	106	80213	25.748	ug/L	98
54) o-Xylene	12.164	106	76409	26.067	ug/L	93
55) Styrene	12.176	104	137514	27.984	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	44751	30.846	ug/L	95
59) Bromoform	12.347	173	25749	26.761	ug/L #	95
60) Isopropylbenzene	12.463	105	223746	25.617	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31901	27.779	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	148506	25.569	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	186266	26.242	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	106745	24.637	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	102597	23.629	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	99386	25.800	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6867	28.287	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	72407	23.283	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	55508	23.590	ug/L	99
71) Naphthalene	15.359	128	115607	27.831	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	52601	25.845	ug/L	98

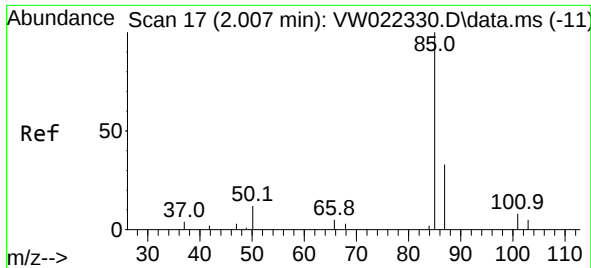
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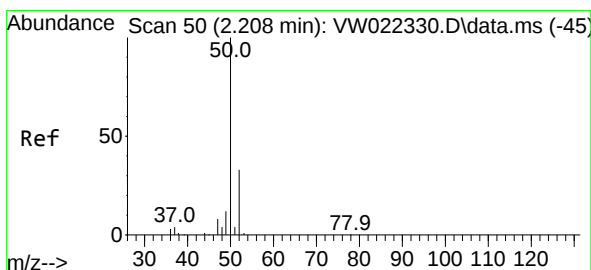
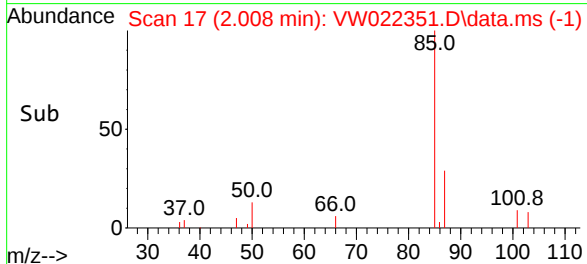
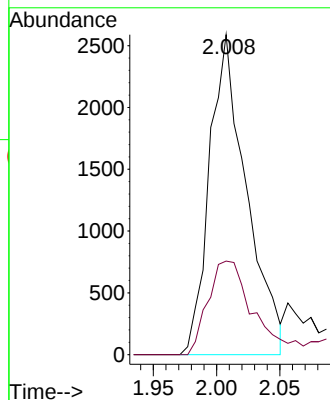
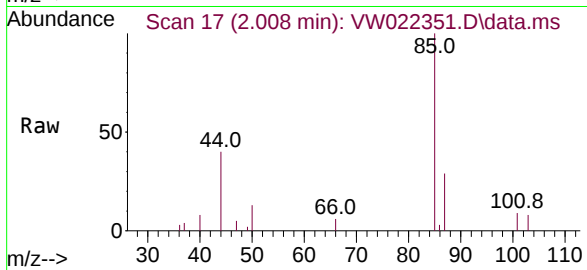




#2
 Dichlorodifluoromethane
 Concen: 14.361 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022351.D
 Acq: 15 Mar 2022 20:47

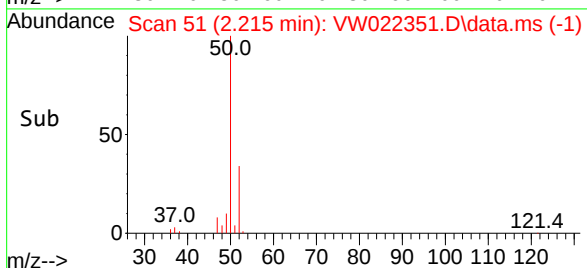
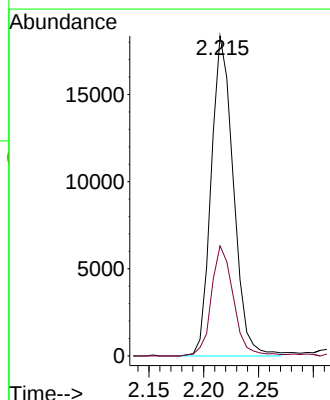
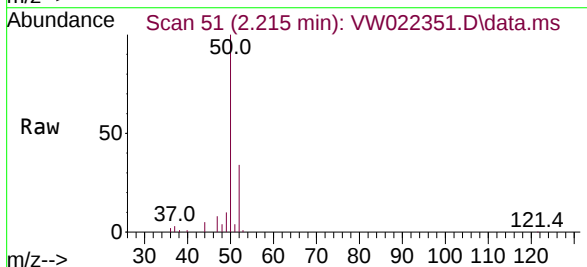
Instrument :
 MSVOA_W
 ClientSampleId :
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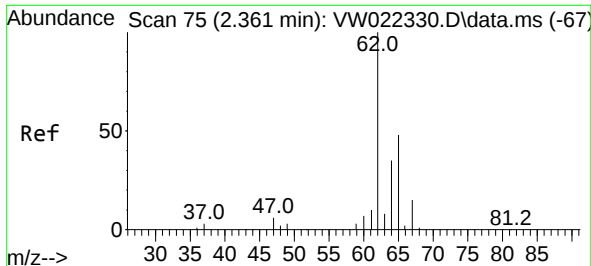
Tgt Ion: 85 Resp: 5270
 Ion Ratio Lower Upper
 85 100
 87 34.7 27.6 41.4



#3
 Chloromethane
 Concen: 20.596 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW022351.D
 Acq: 15 Mar 2022 20:47

Tgt Ion: 50 Resp: 25900
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.9 44.5

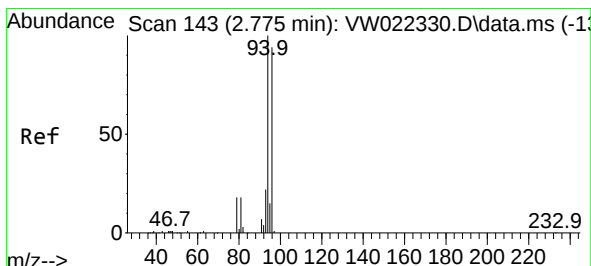
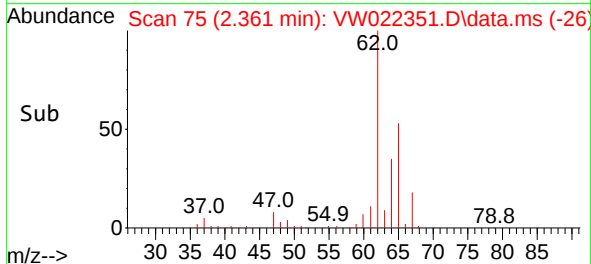
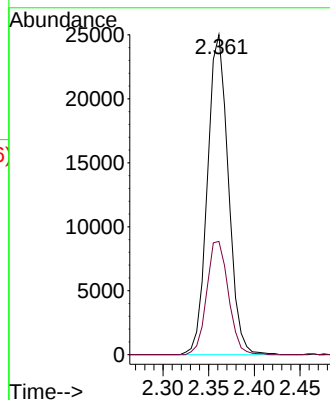
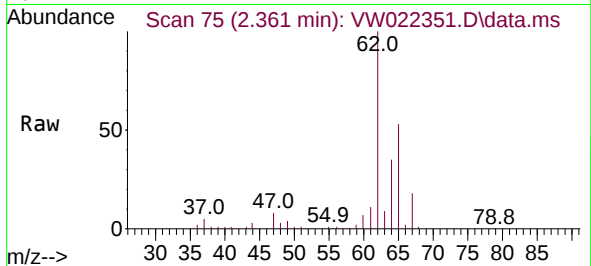




#5
 Vinyl chloride
 Concen: 21.020 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022351.D
 Acq: 15 Mar 2022 20:47

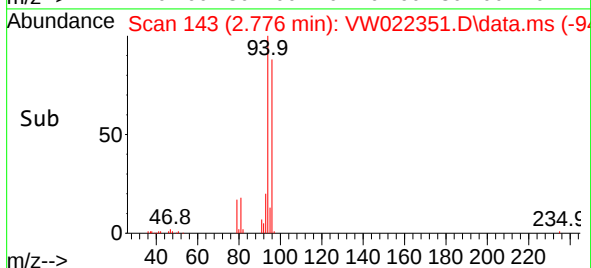
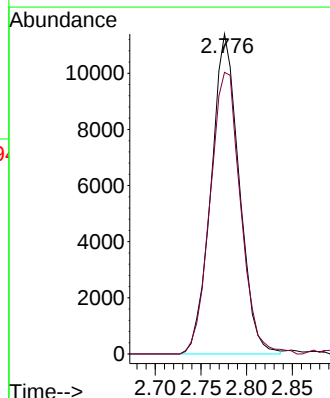
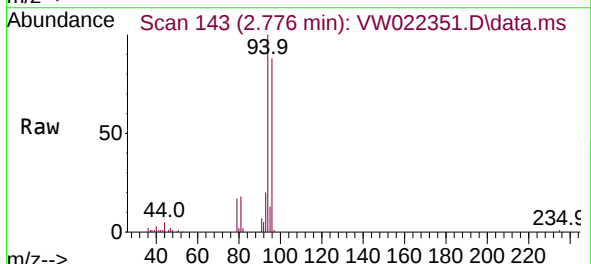
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 ClientSampleId :
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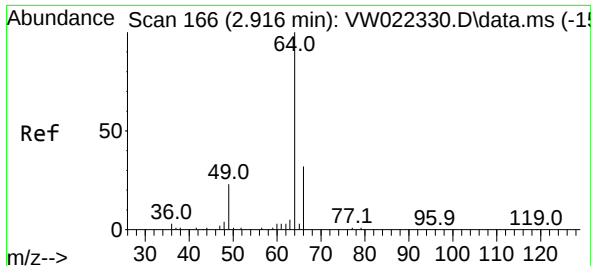
Tgt Ion: 62 Resp: 39717
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.7 45.9



#6
 Bromomethane
 Concen: 18.465 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022351.D
 Acq: 15 Mar 2022 20:47

Tgt Ion: 94 Resp: 24366
 Ion Ratio Lower Upper
 94 100
 96 88.0 61.2 113.8

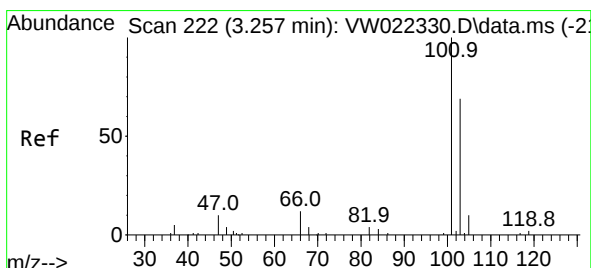
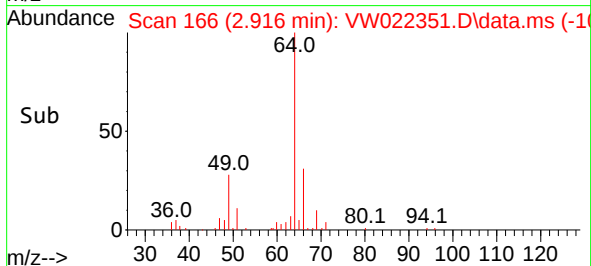
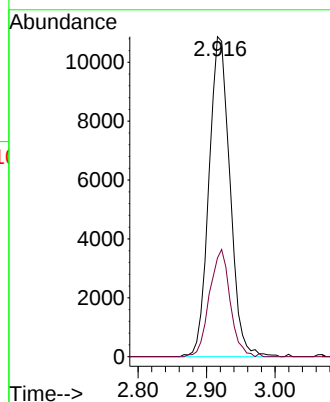
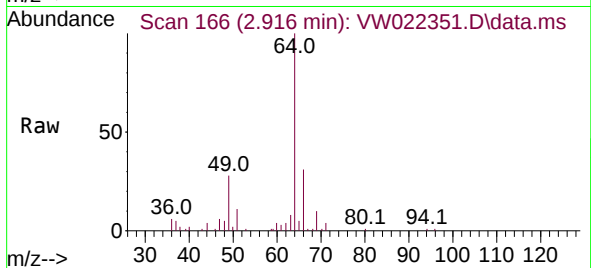




#8
Chloroethane
Concen: 21.850 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

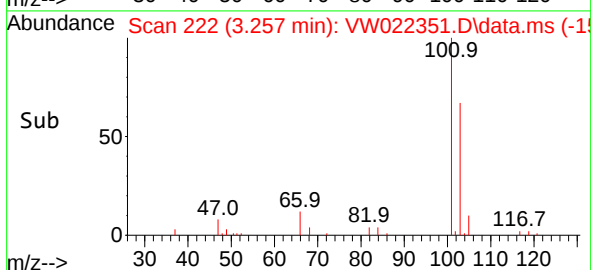
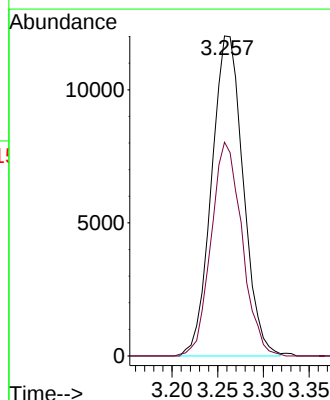
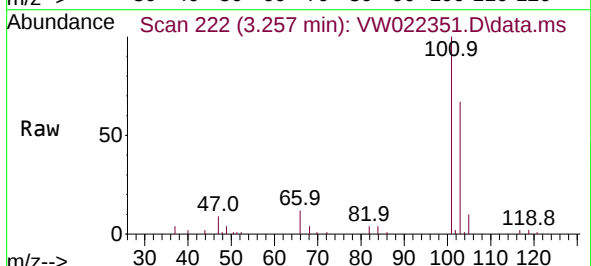
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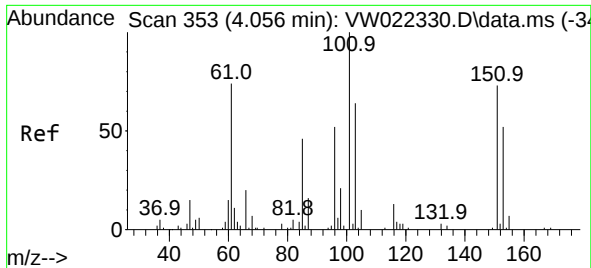
Tgt Ion: 64 Resp: 23192
Ion Ratio Lower Upper
64 100
66 30.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 22.563 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion: 101 Resp: 28944
Ion Ratio Lower Upper
101 100
103 65.3 53.2 79.8

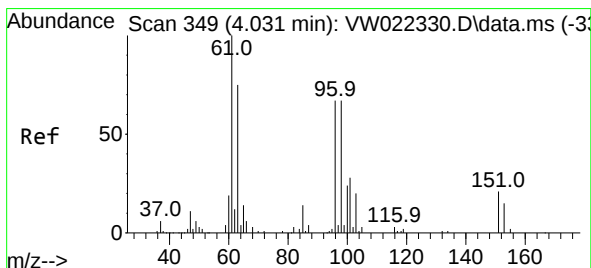
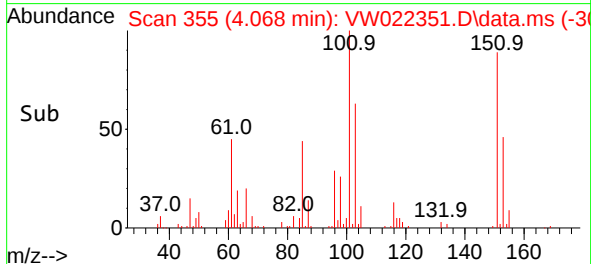
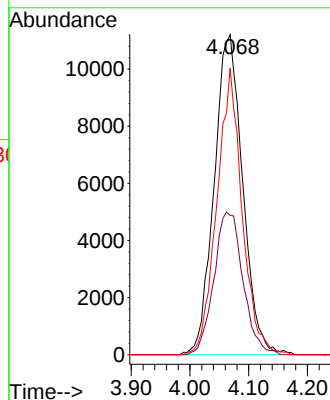
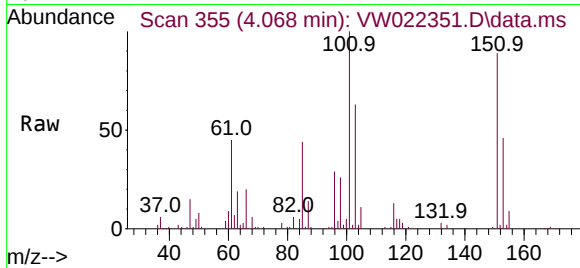




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.095 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.012 min
 Lab File: VW022351.D
 Acq: 15 Mar 2022 20:47

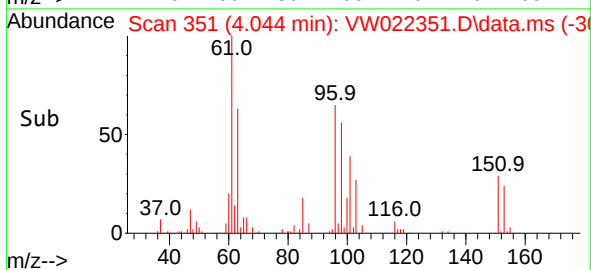
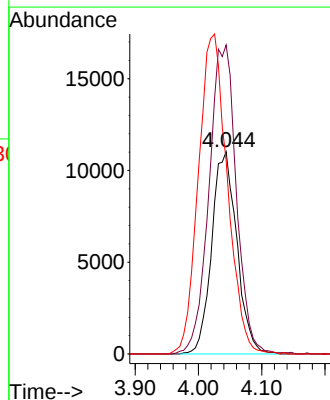
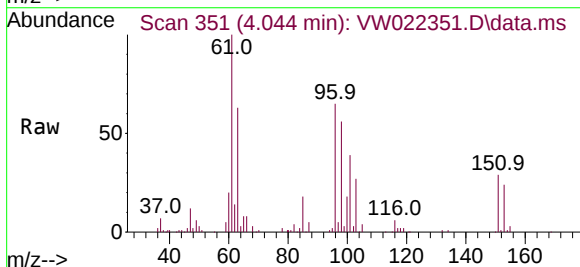
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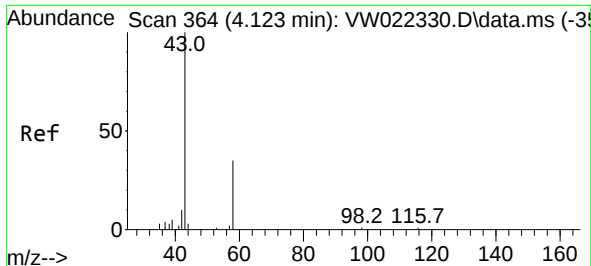
Tgt Ion:101 Resp: 37711
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.4 51.6
 151 79.2 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 22.411 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.012 min
 Lab File: VW022351.D
 Acq: 15 Mar 2022 20:47

Tgt Ion: 96 Resp: 30399
 Ion Ratio Lower Upper
 96 100
 61 152.8 108.4 201.2
 63 96.0 72.0 133.6





#13

Acetone

Concen: 55.673 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Instrument :

MSVOA_W

ClientSampleId :

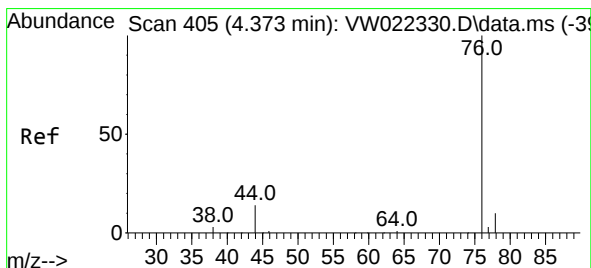
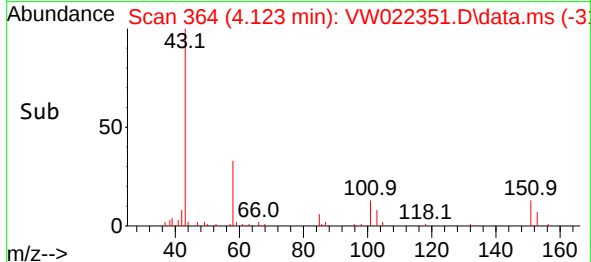
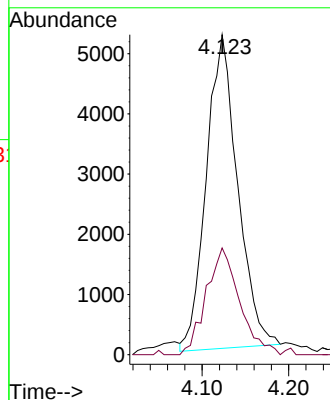
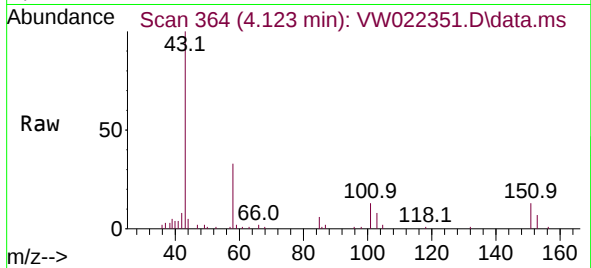
VSTD025586

Tgt Ion: 43 Resp: 13094

Ion Ratio Lower Upper

43 100

58 36.2 0.0 69.2



#14

Carbon disulfide

Concen: 15.984 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.012 min

Lab File: VW022351.D

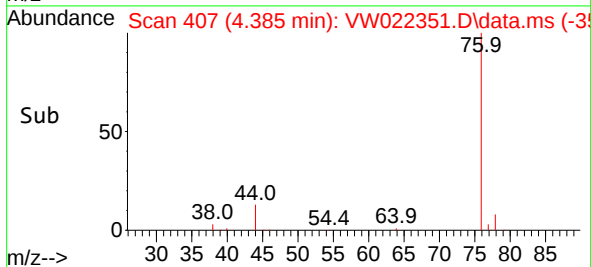
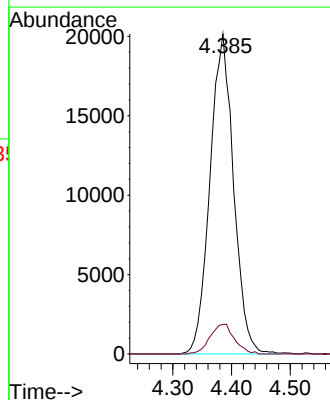
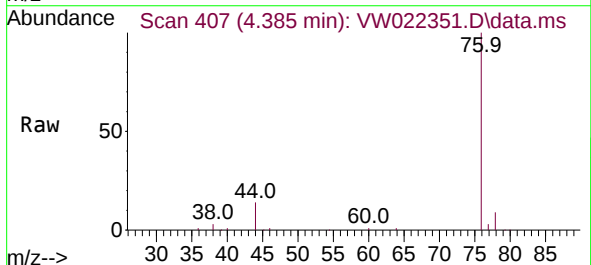
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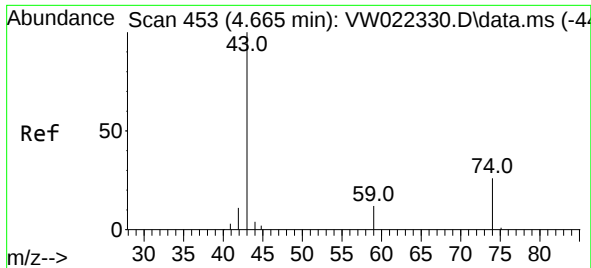
Tgt Ion: 76 Resp: 56210

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.8

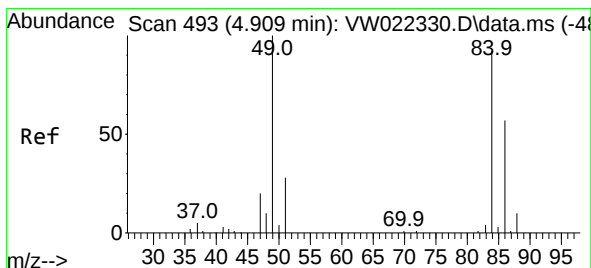
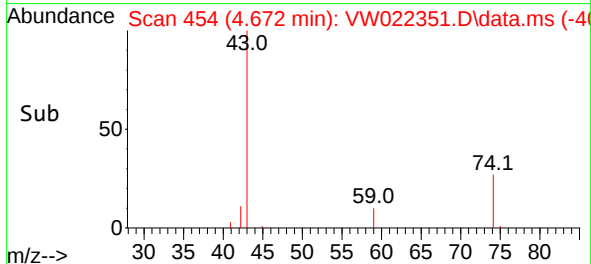
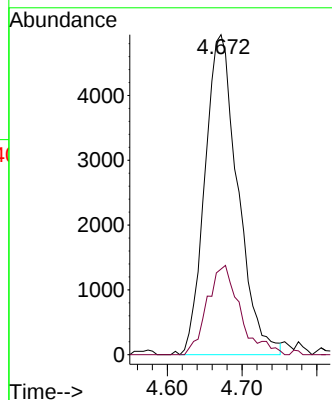
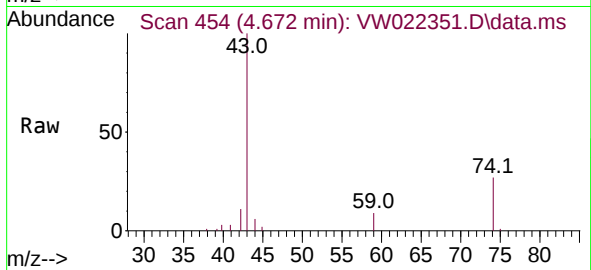




#15
Methyl Acetate
Concen: 28.475 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

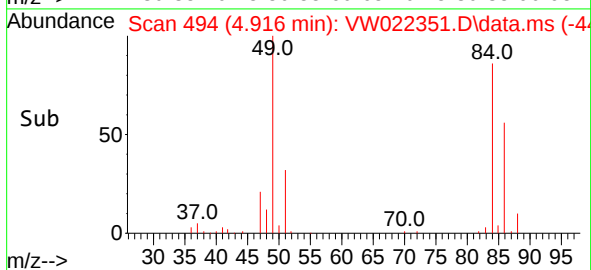
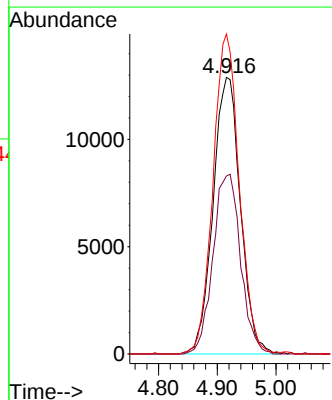
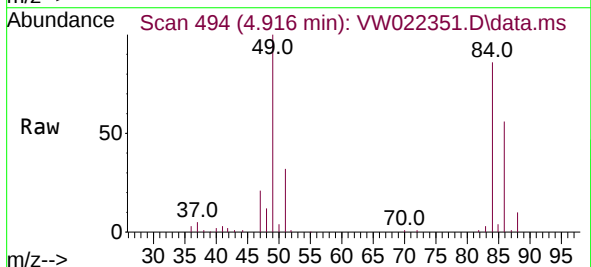
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

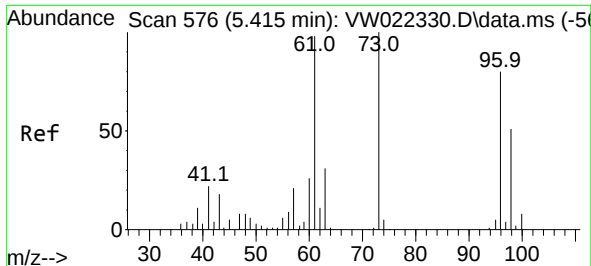
Tgt Ion: 43 Resp: 15077
Ion Ratio Lower Upper
43 100
74 26.3 23.0 34.6



#16
Methylene chloride
Concen: 25.844 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion: 84 Resp: 41654
Ion Ratio Lower Upper
84 100
86 64.3 45.8 85.0
49 115.7 73.8 137.0





#17

trans-1,2-Dichloroethene

Concen: 22.655 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.012 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

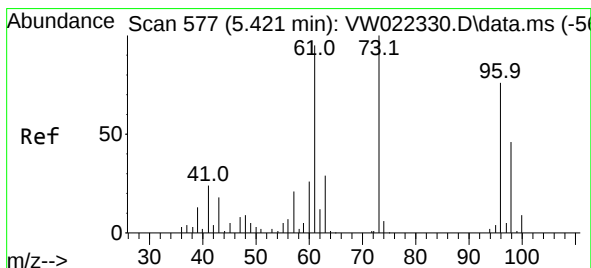
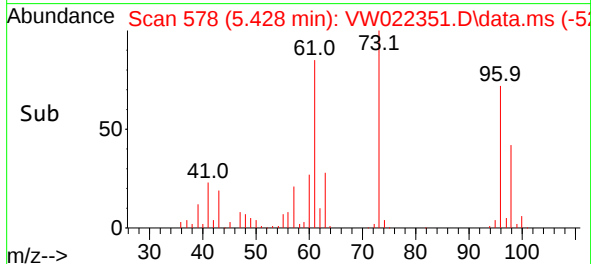
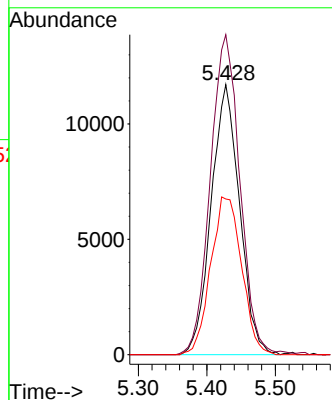
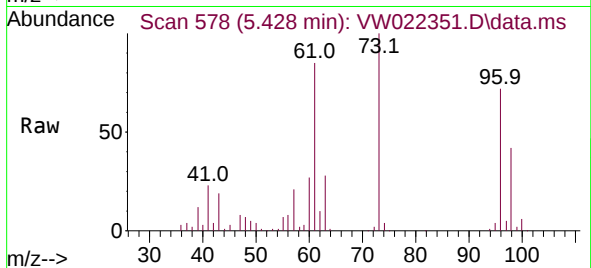
Tgt Ion: 96 Resp: 33752

Ion Ratio Lower Upper

96 100

61 118.5 87.3 162.1

98 57.6 43.2 80.2



#18

Methyl tert-butyl Ether

Concen: 28.524 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.006 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

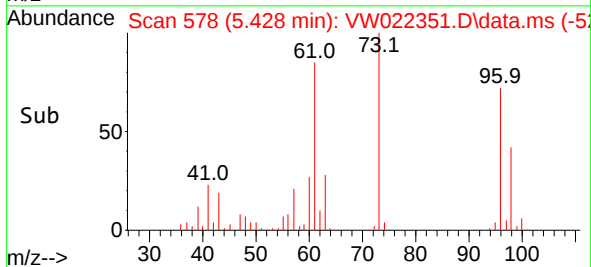
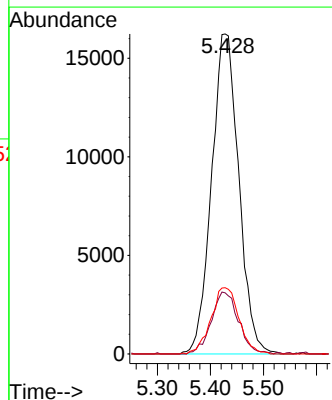
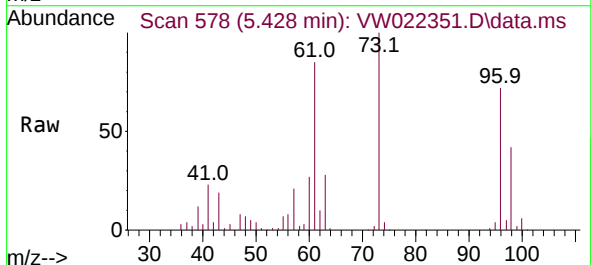
Tgt Ion: 73 Resp: 57816

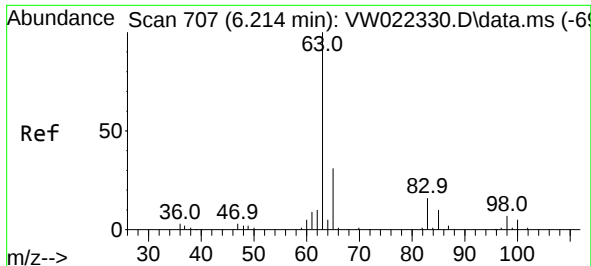
Ion Ratio Lower Upper

73 100

43 19.3 15.4 23.2

57 21.2 16.5 24.7

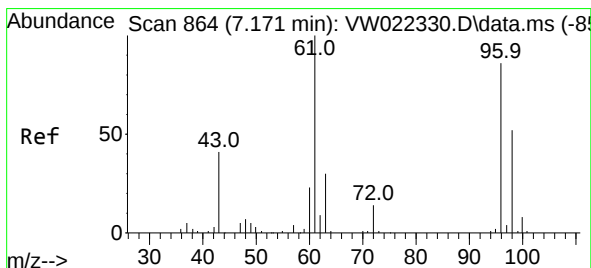
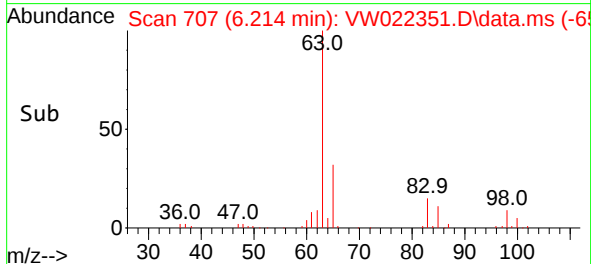
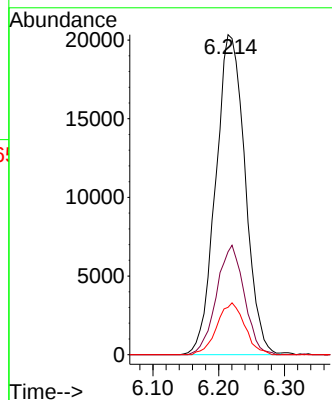
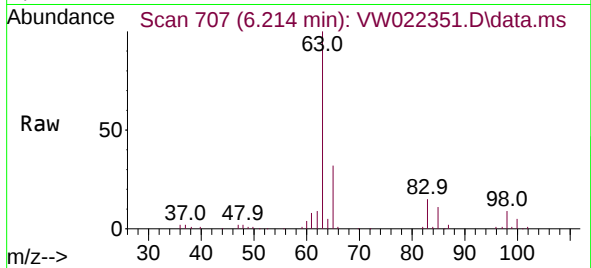




#19
1,1-Dichloroethane
Concen: 26.170 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

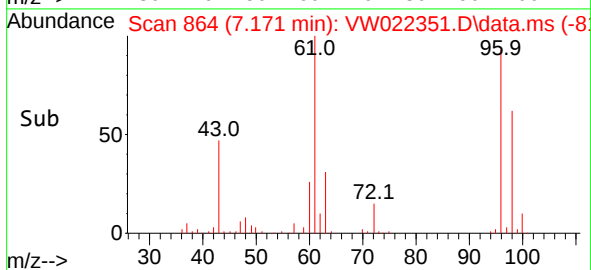
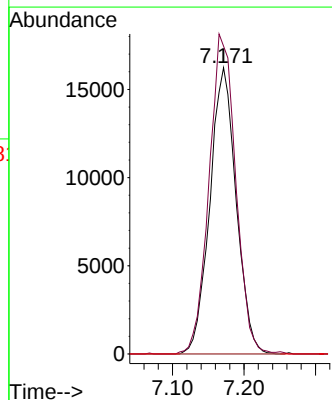
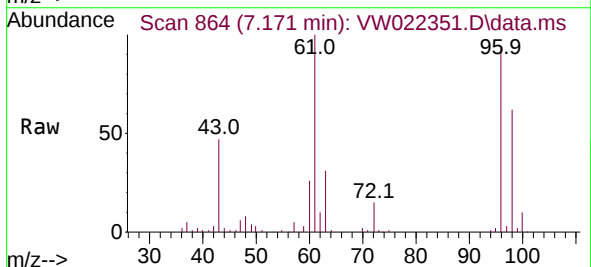
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

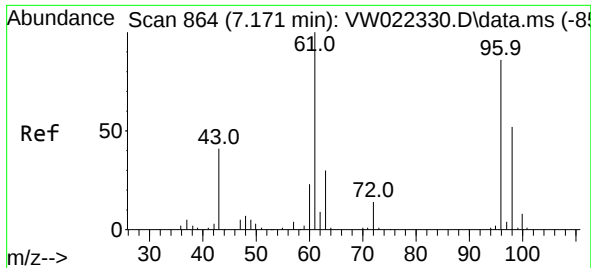
Tgt Ion: 63 Resp: 63122
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.9
83 14.8 11.5 21.5



#20
cis-1,2-Dichloroethene
Concen: 25.711 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion: 96 Resp: 41496
Ion Ratio Lower Upper
96 100
61 107.5 76.8 142.6
68 0.0 0.0 0.0

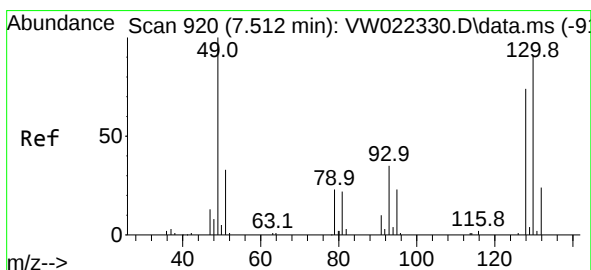
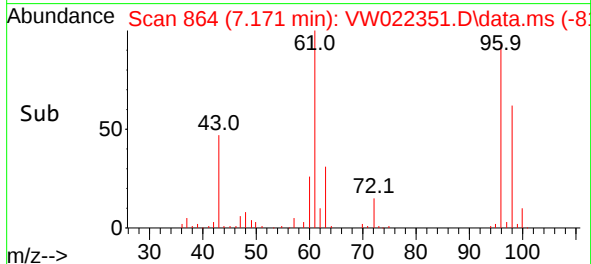
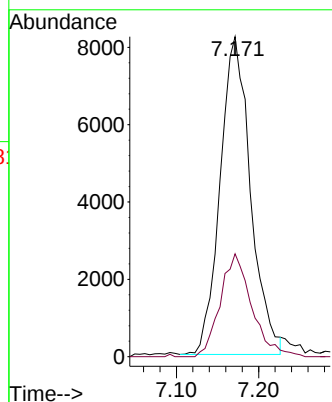
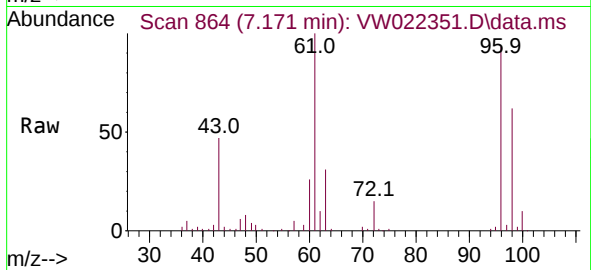




#22
2-Butanone
Concen: 62.494 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

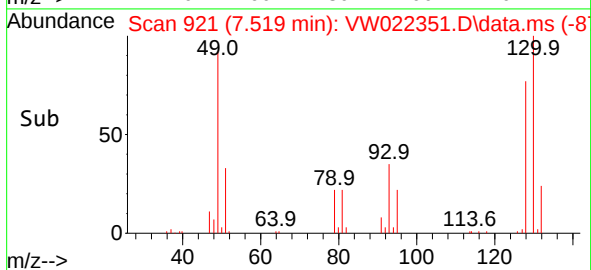
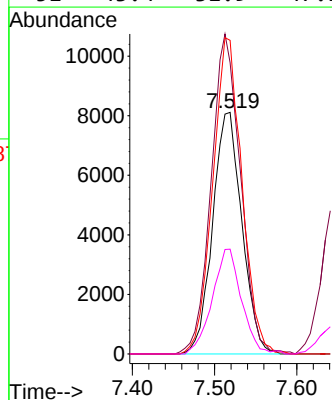
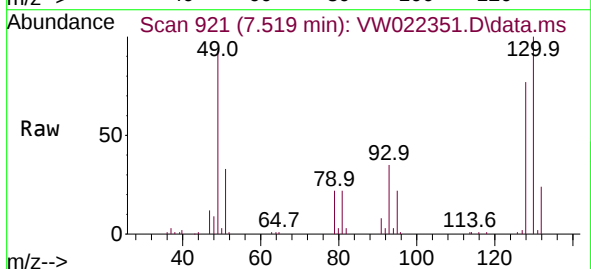
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

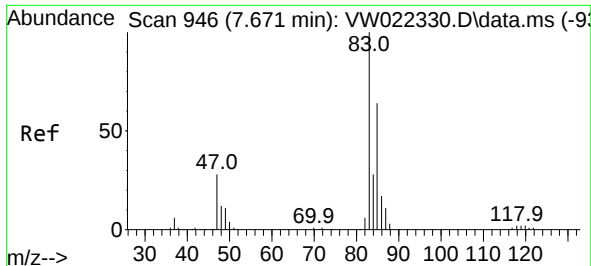
Tgt Ion: 43 Resp: 21114
Ion Ratio Lower Upper
43 100
72 33.5 17.0 51.0



#23
Bromochloromethane
Concen: 25.459 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion:128 Resp: 20072
Ion Ratio Lower Upper
128 100
49 120.5 84.2 156.4
130 129.8 84.8 157.4
51 43.4 31.9 47.9

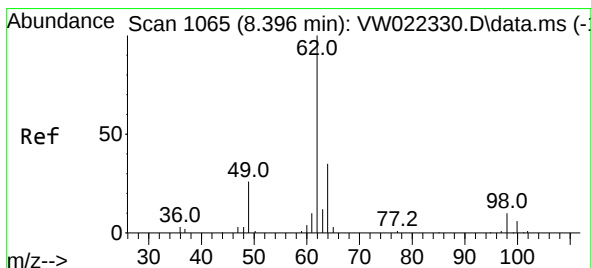
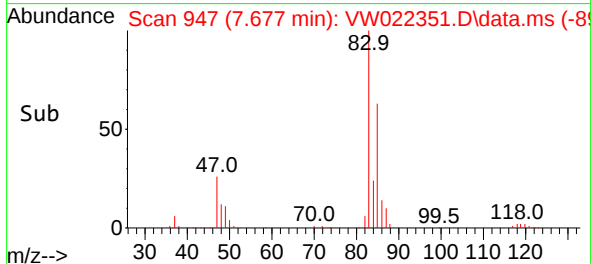
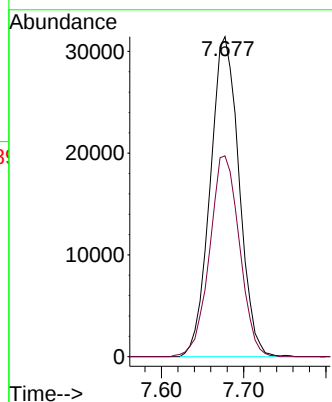
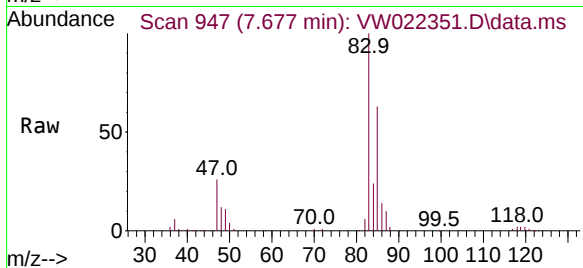




#25
Chloroform
Concen: 27.270 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

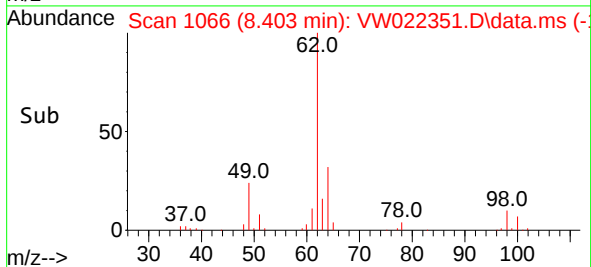
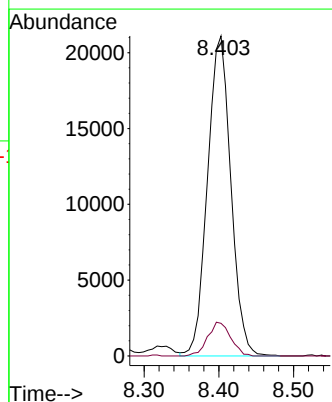
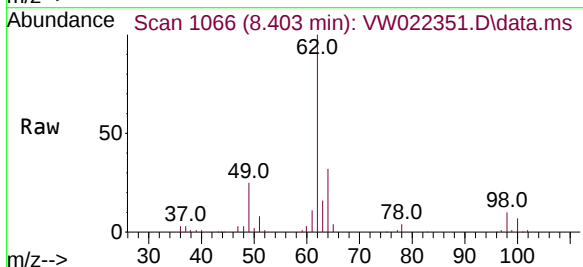
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

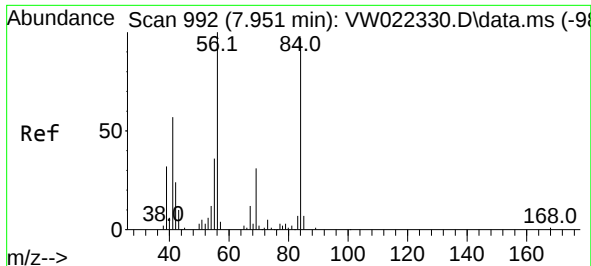
Tgt Ion: 83 Resp: 76744
Ion Ratio Lower Upper
83 100
85 62.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 26.432 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion: 62 Resp: 45817
Ion Ratio Lower Upper
62 100
98 10.2 7.9 11.9





#29

Cyclohexane

Concen: 21.450 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

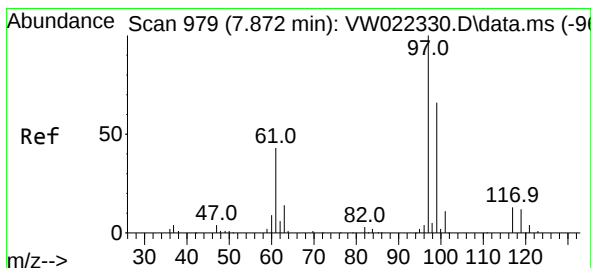
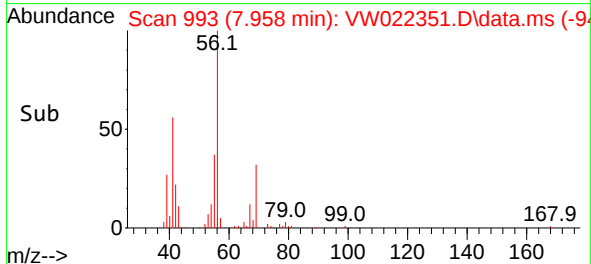
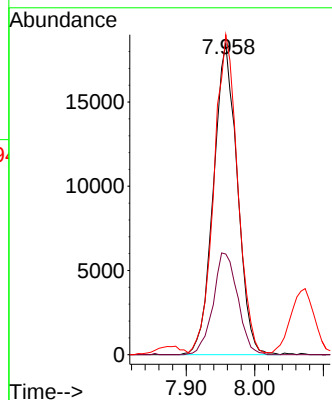
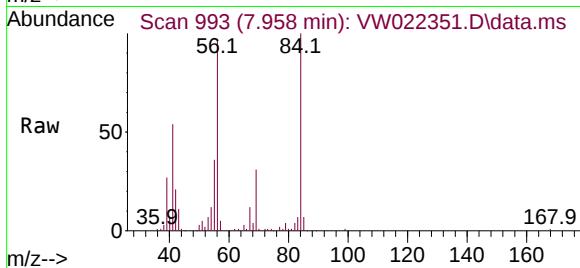
Tgt Ion: 56 Resp: 44627

Ion Ratio Lower Upper

56 100

69 33.7 26.3 39.5

84 102.5 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 26.135 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

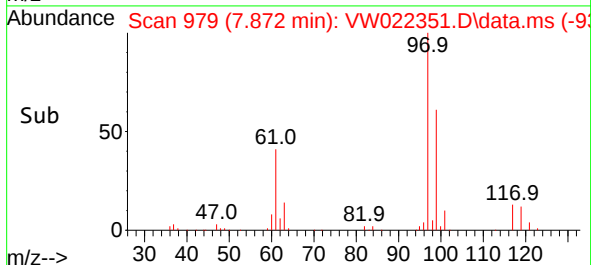
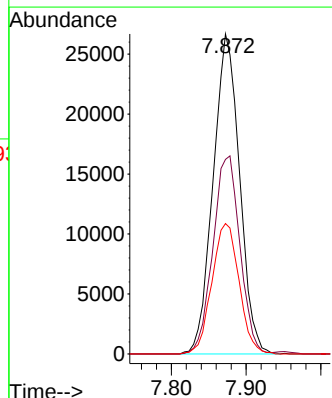
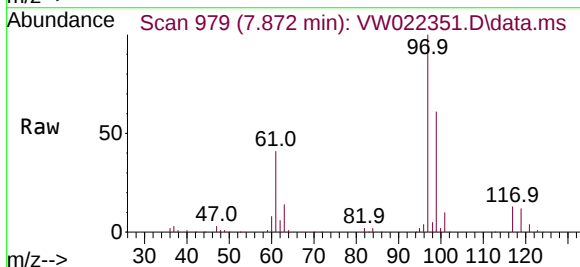
Tgt Ion: 97 Resp: 65735

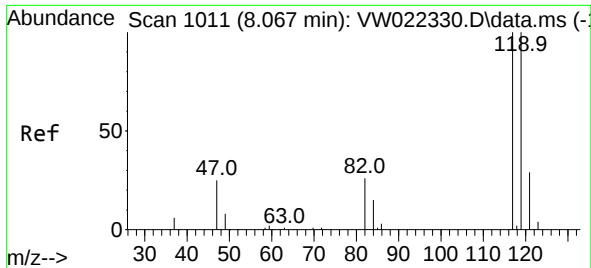
Ion Ratio Lower Upper

97 100

99 63.2 52.6 78.8

61 41.9 33.0 49.6

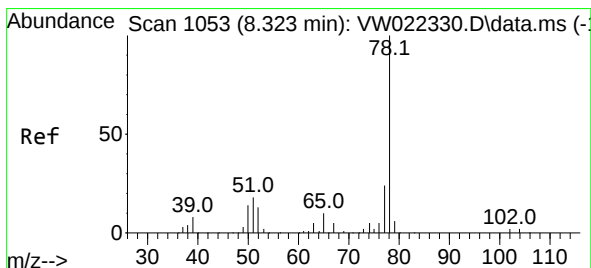
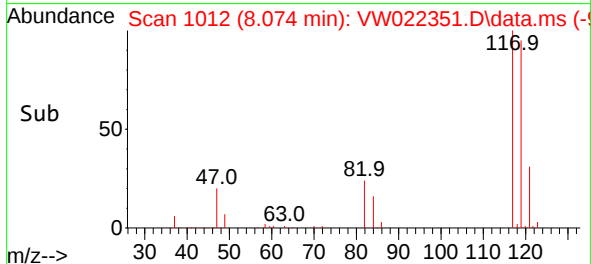
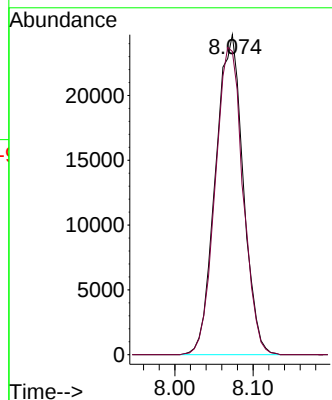
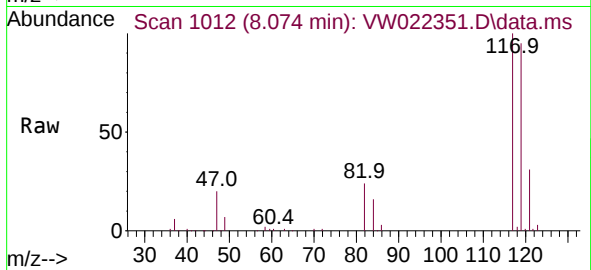




#31
Carbon tetrachloride
Concen: 25.361 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

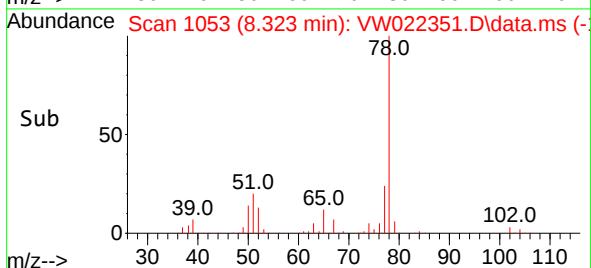
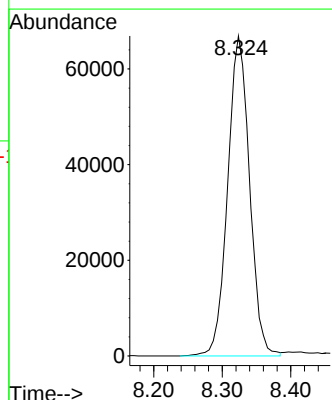
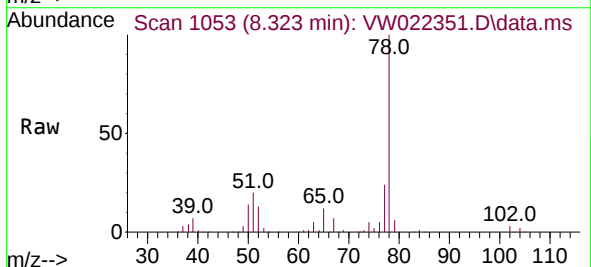
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

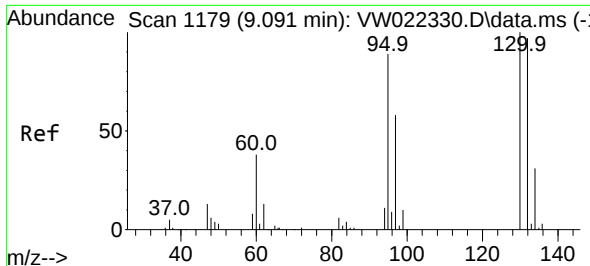
Tgt Ion:117 Resp: 60623
Ion Ratio Lower Upper
117 100
119 96.3 76.7 115.1



#33
Benzene
Concen: 24.540 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion: 78 Resp: 148325

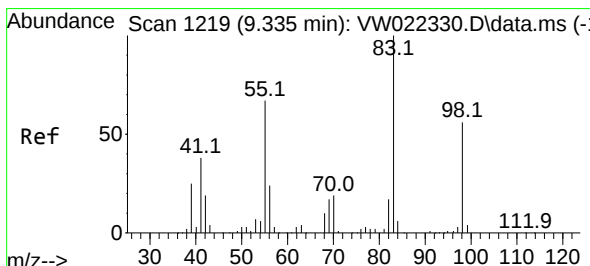
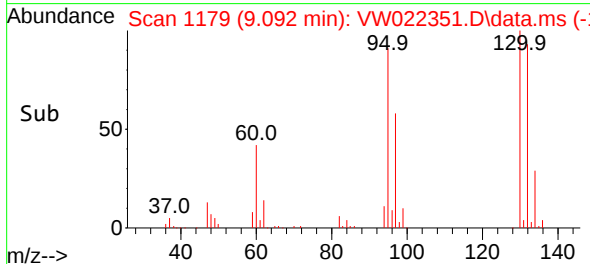
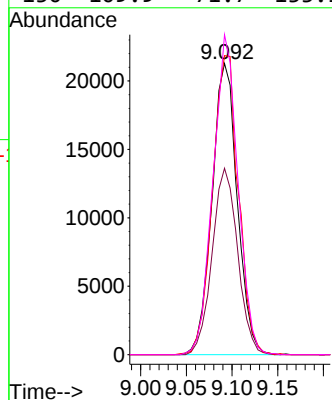
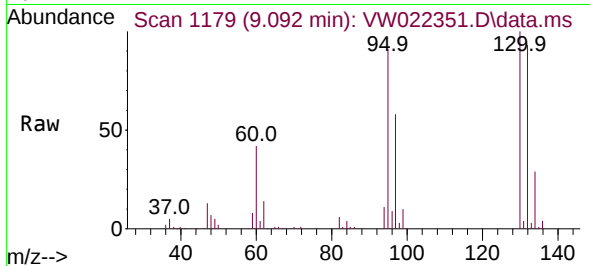




#34
Trichloroethene
Concen: 23.671 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

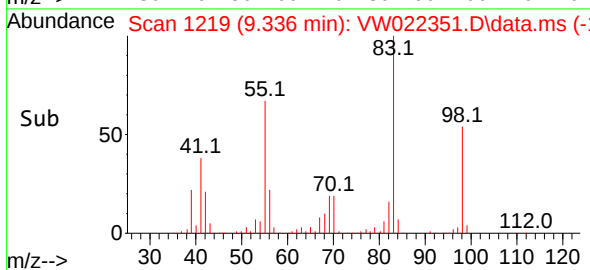
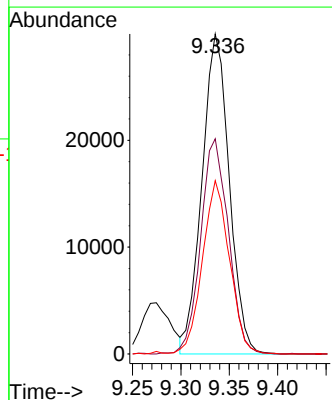
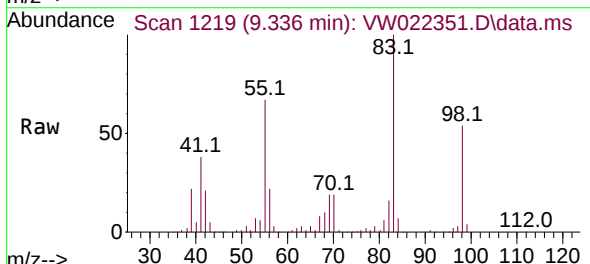
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

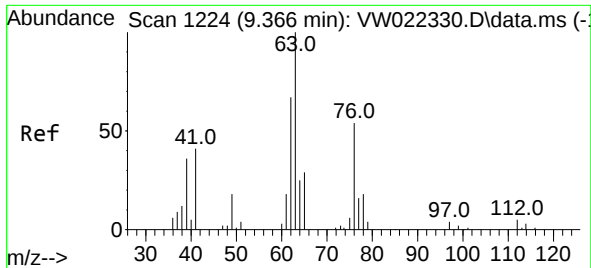
Tgt Ion: 95 Resp: 40965
Ion Ratio Lower Upper
95 100
97 64.0 44.4 82.4
132 102.7 71.7 133.1
130 109.9 71.7 133.1



#35
Methylcyclohexane
Concen: 21.974 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion: 83 Resp: 58820
Ion Ratio Lower Upper
83 100
55 68.2 53.8 80.8
98 53.6 42.1 63.1

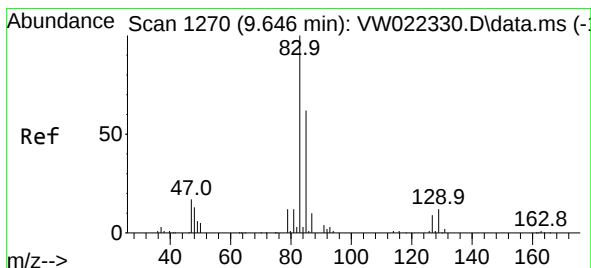
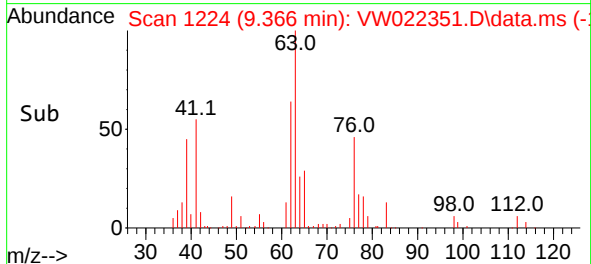
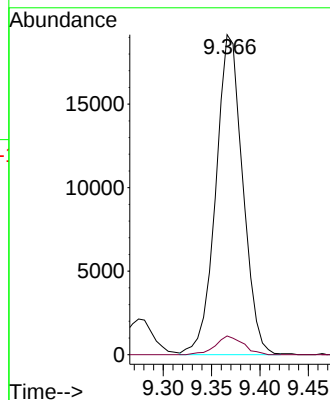
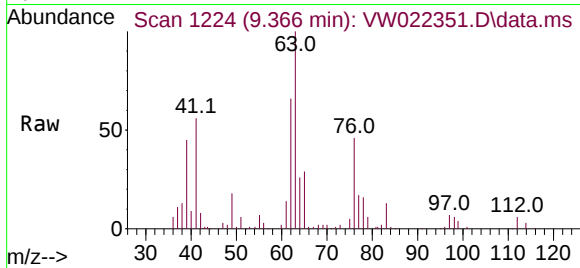




#37
1,2-Dichloropropane
Concen: 26.314 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

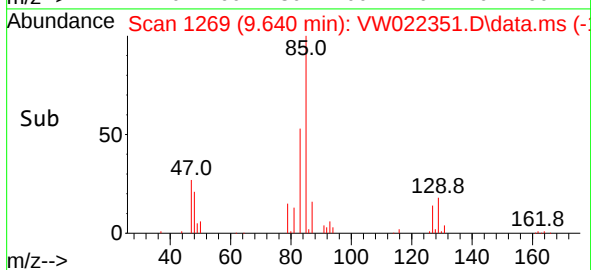
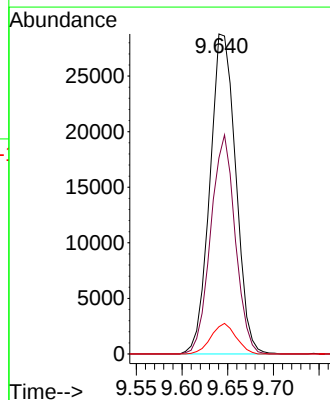
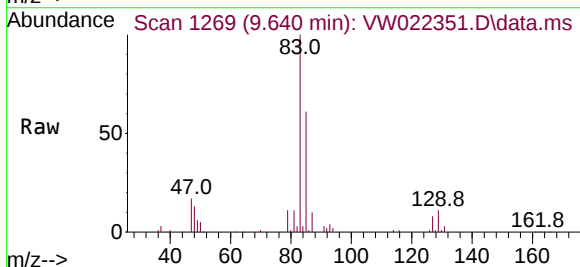
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

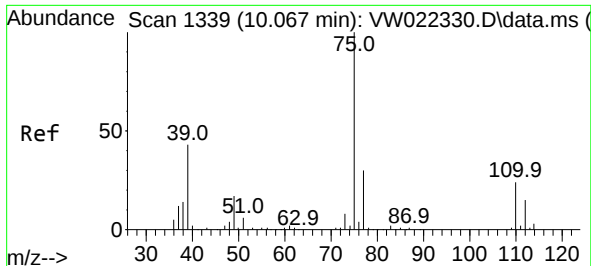
Tgt Ion: 63 Resp: 37105
Ion Ratio Lower Upper
63 100
112 6.0 4.1 6.1



#38
Bromodichloromethane
Concen: 27.958 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion: 83 Resp: 56534
Ion Ratio Lower Upper
83 100
85 61.2 47.9 89.1
127 8.5 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 26.848 ug/L

RT: 10.073 min Scan# 1339

Delta R.T. 0.006 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Instrument :

MSVOA_W

ClientSampleId :

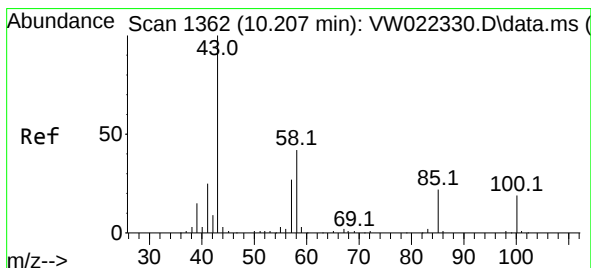
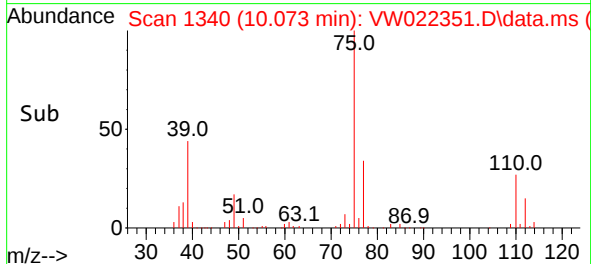
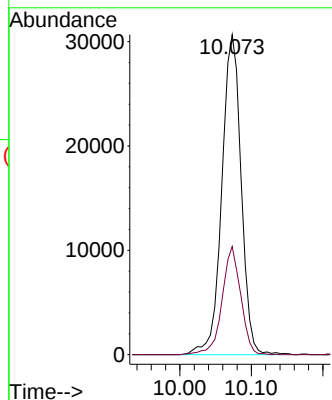
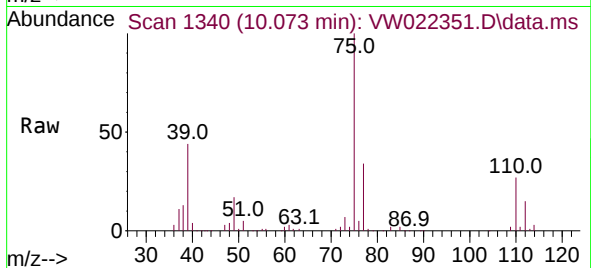
VSTD025586

Tgt Ion: 75 Resp: 57546

Ion Ratio Lower Upper

75 100

77 33.8 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 62.824 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

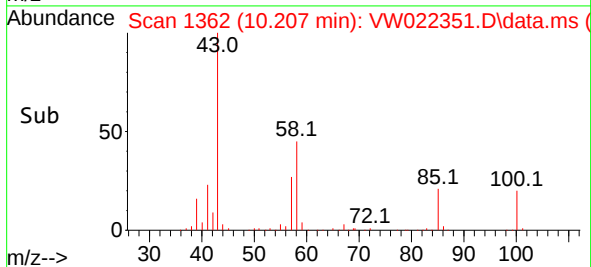
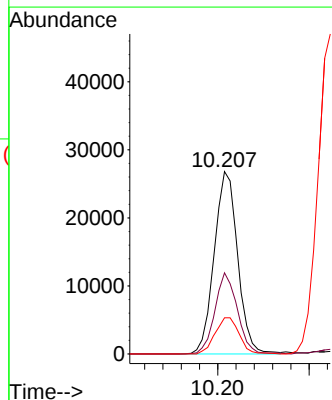
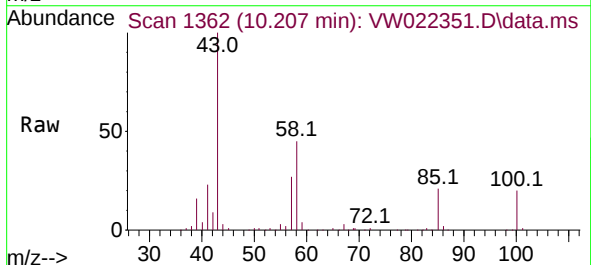
Tgt Ion: 43 Resp: 47840

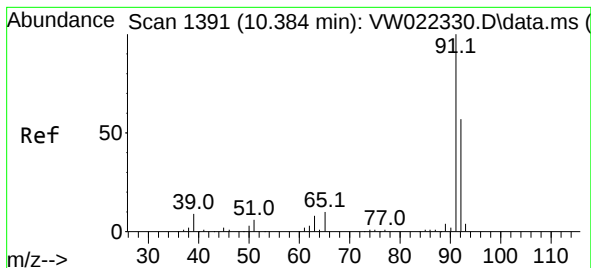
Ion Ratio Lower Upper

43 100

58 42.3 33.2 49.8

100 20.1 16.1 24.1





#42

Toluene

Concen: 25.213 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Instrument :

MSVOA_W

ClientSampleId :

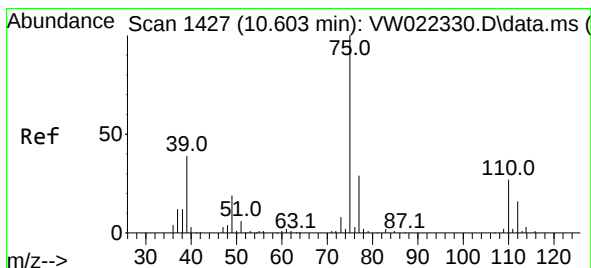
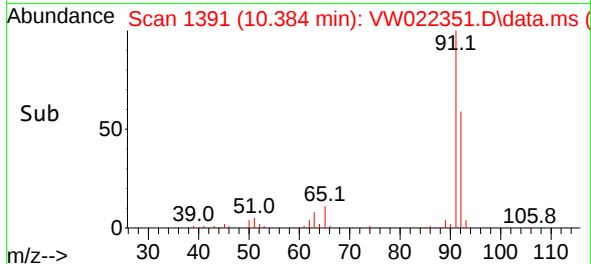
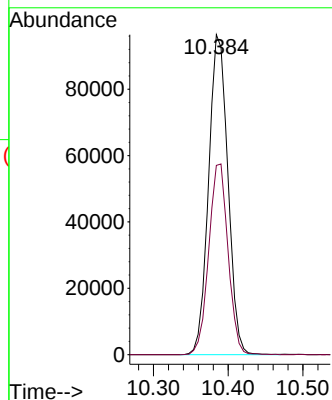
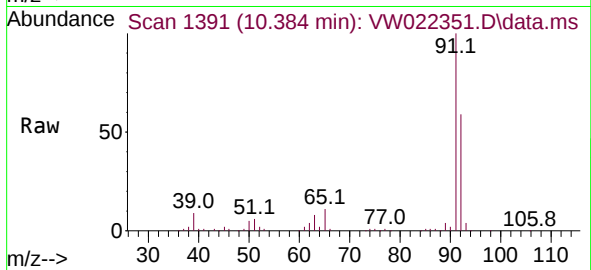
VSTD025586

Tgt Ion: 91 Resp: 172483

Ion Ratio Lower Upper

91 100

92 59.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 27.080 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022351.D

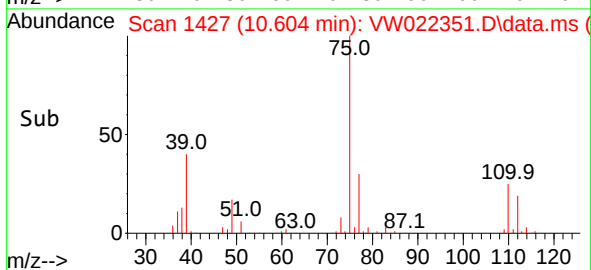
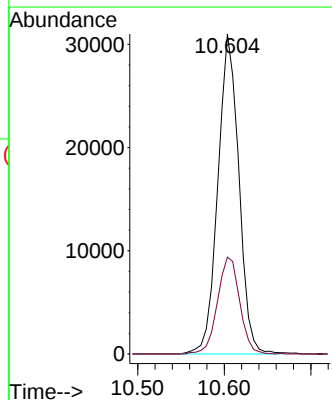
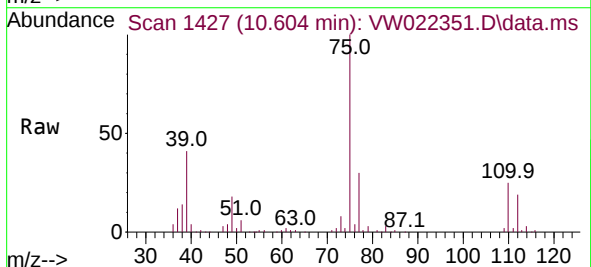
Acq: 15 Mar 2022 20:47

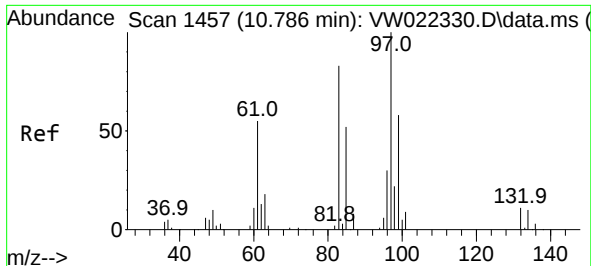
Tgt Ion: 75 Resp: 52159

Ion Ratio Lower Upper

75 100

77 30.2 22.0 40.8

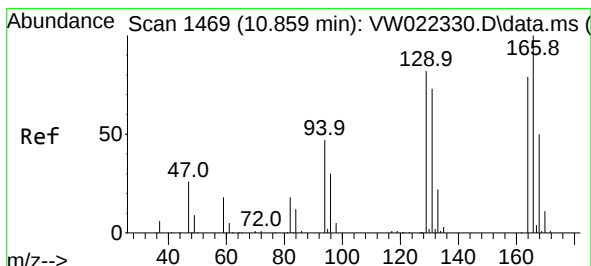
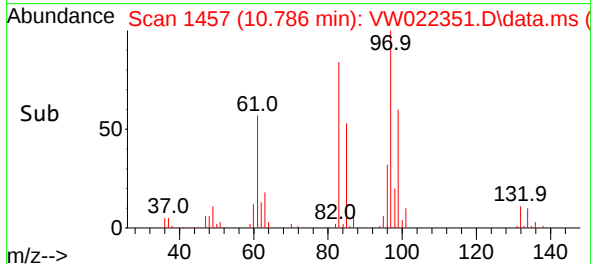
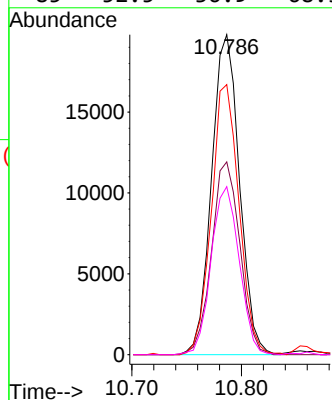
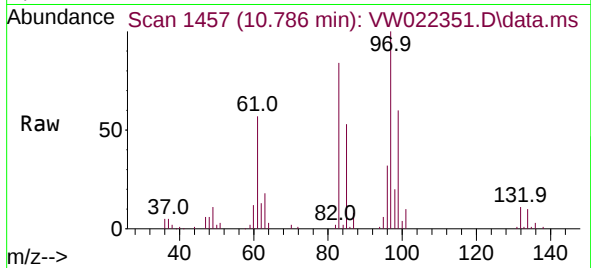




#45
1,1,2-Trichloroethane
Concen: 27.978 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

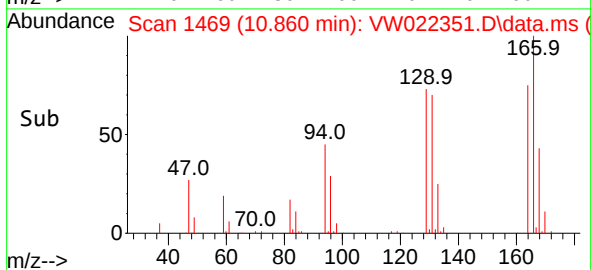
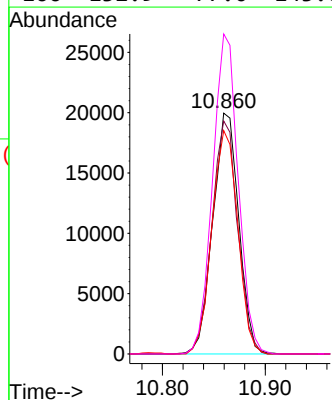
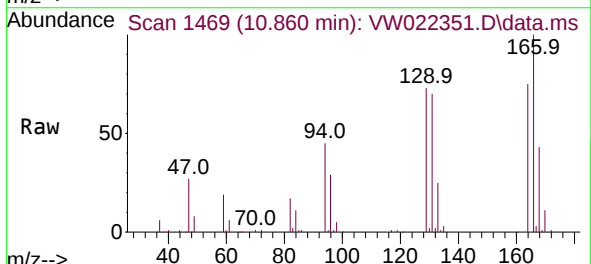
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

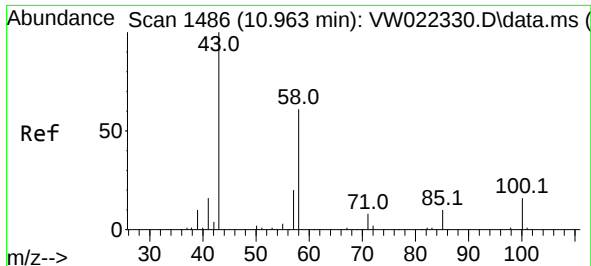
Tgt Ion:	97	Resp:	34984
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.5	80.7
83	84.4	53.5	99.3
85	52.5	36.9	68.5



#46
Tetrachloroethene
Concen: 23.044 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion:	164	Resp:	34936
Ion	Ratio	Lower	Upper
164	100		
129	96.8	60.3	111.9
131	92.7	59.9	111.3
166	132.9	77.0	143.0

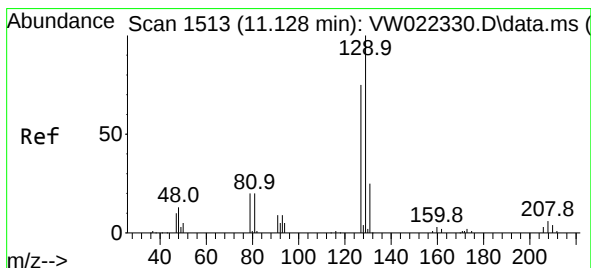
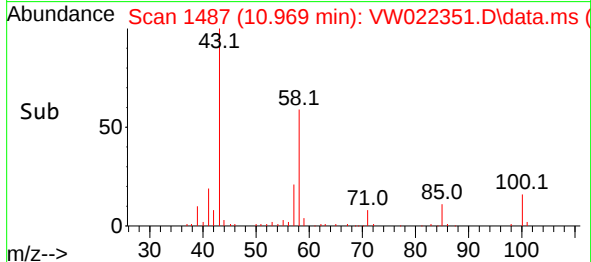
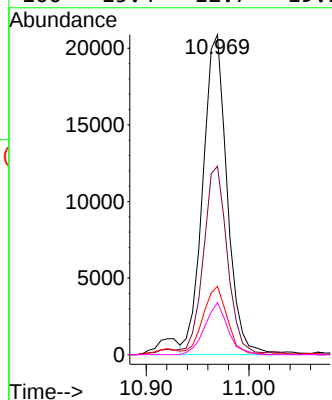
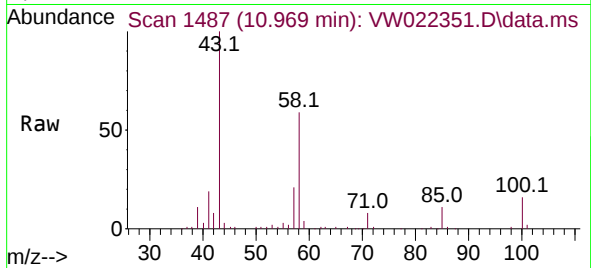




#48
2-Hexanone
Concen: 65.195 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

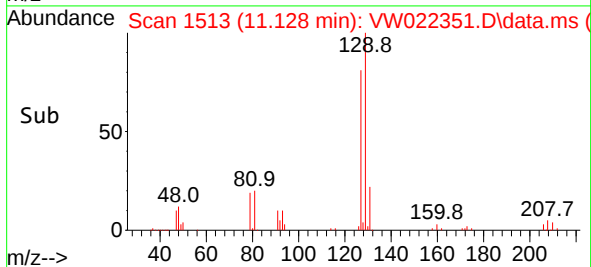
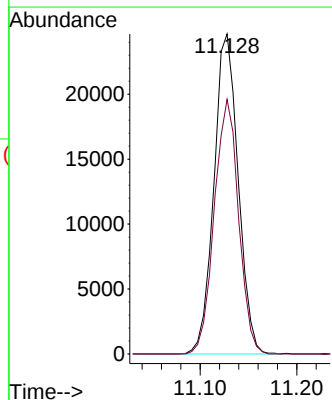
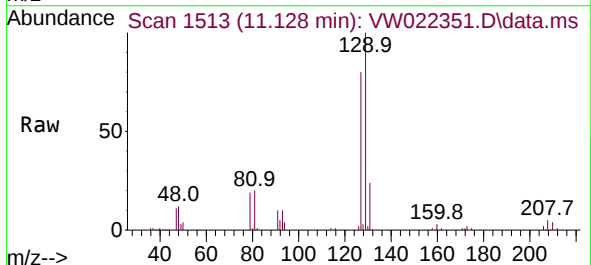
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

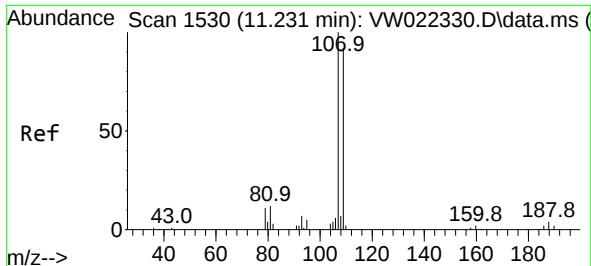
Tgt Ion: 43	Resp: 34457
Ion Ratio	Lower Upper
43 100	
58 58.0	44.6 66.8
57 21.4	15.8 23.8
100 15.4	12.7 19.1



#49
Dibromochloromethane
Concen: 28.221 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion:129	Resp: 42862		
Ion Ratio	Lower	Upper	
129 100			
127 79.5	54.5	101.1	





#50

1,2-Dibromoethane

Concen: 27.136 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

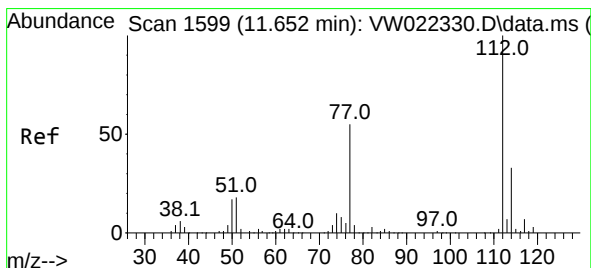
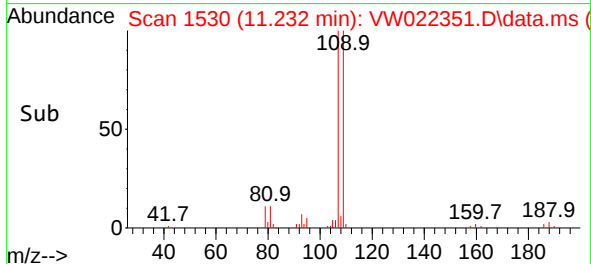
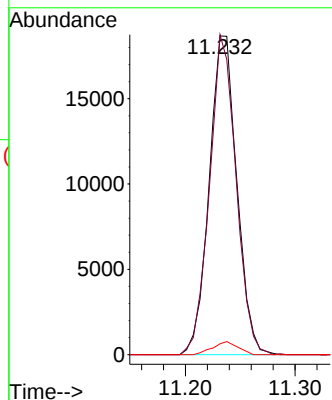
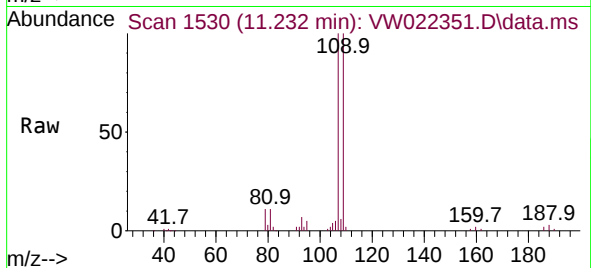
Tgt Ion:107 Resp: 32728

Ion Ratio Lower Upper

107 100

109 100.4 66.8 124.2

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 26.037 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

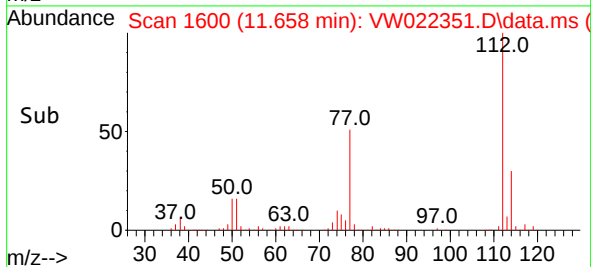
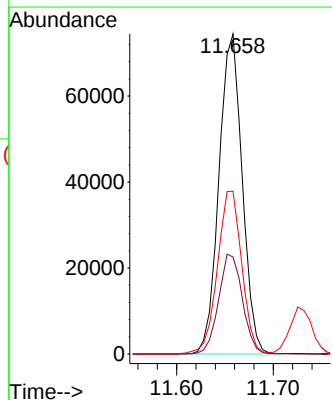
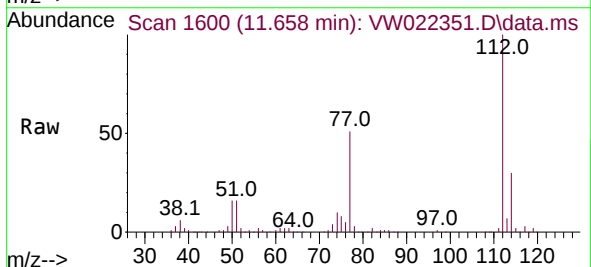
Tgt Ion:112 Resp: 123963

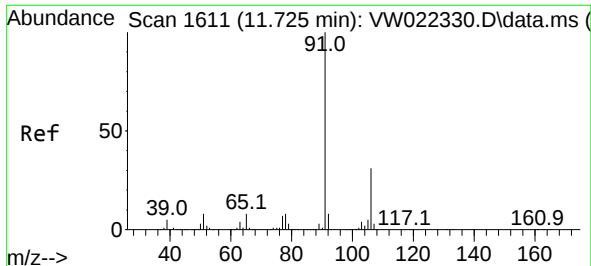
Ion Ratio Lower Upper

112 100

114 30.3 23.0 42.8

77 50.8 41.8 62.6

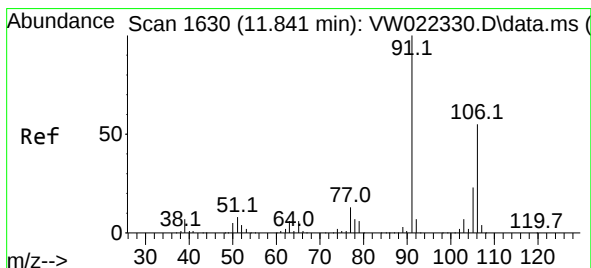
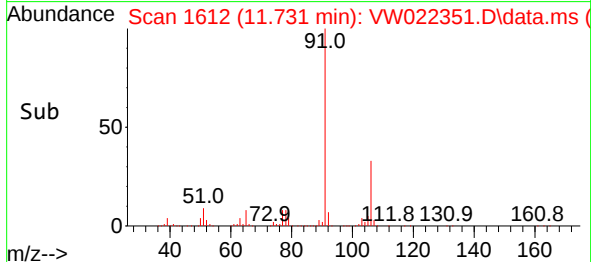
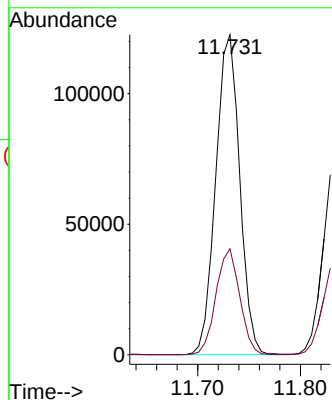
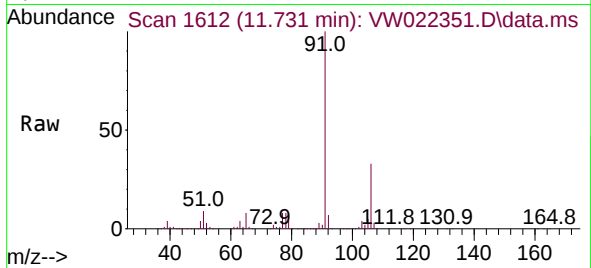




#52
Ethylbenzene
Concen: 26.221 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

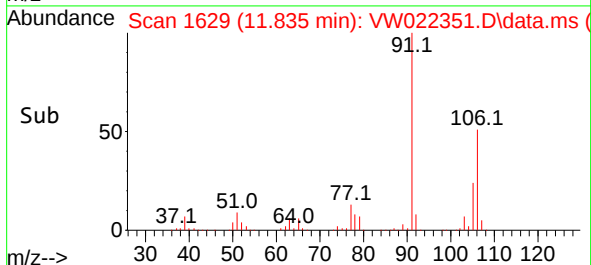
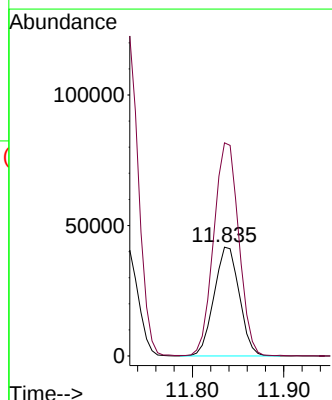
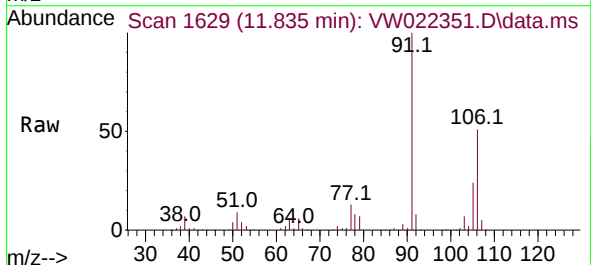
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

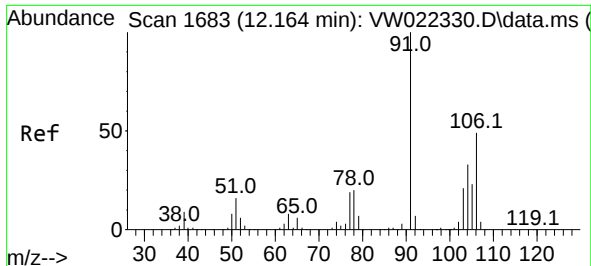
Tgt Ion: 91 Resp: 198519
Ion Ratio Lower Upper
91 100
106 33.1 22.8 42.4



#53
m,p-Xylene
Concen: 25.748 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion: 106 Resp: 80213
Ion Ratio Lower Upper
106 100
91 195.8 135.0 250.8

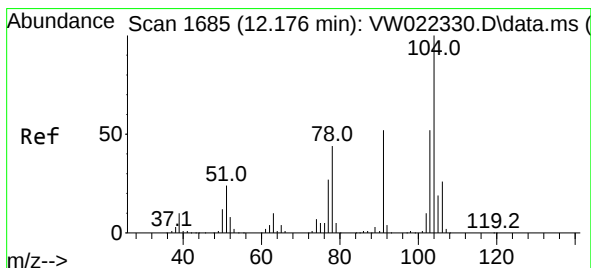
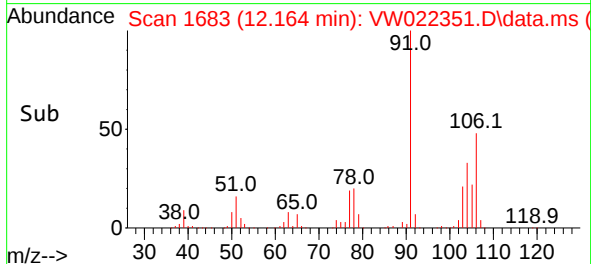
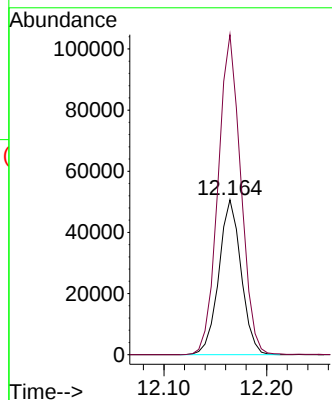
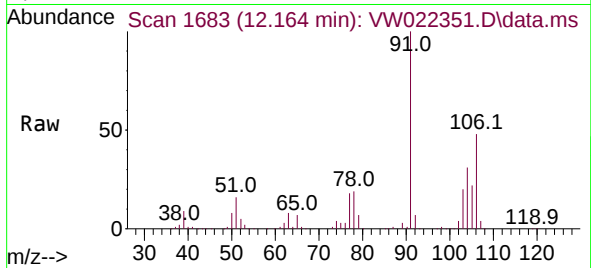




#54
o-Xylene
Concen: 26.067 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

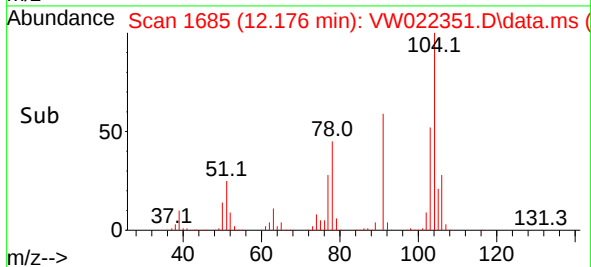
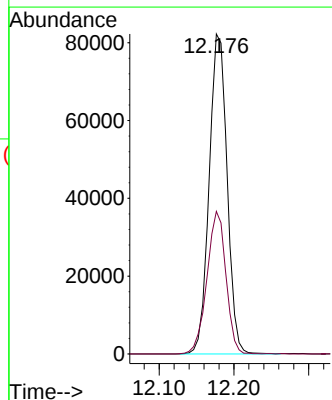
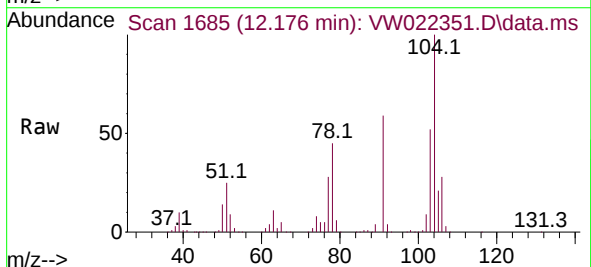
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

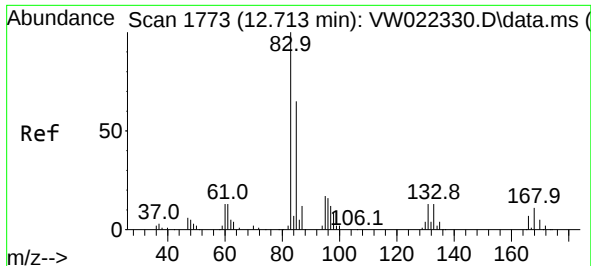
Tgt Ion:106 Resp: 76409
Ion Ratio Lower Upper
106 100
91 206.5 136.9 254.3



#55
Styrene
Concen: 27.984 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion:104 Resp: 137514
Ion Ratio Lower Upper
104 100
78 44.6 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 30.846 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

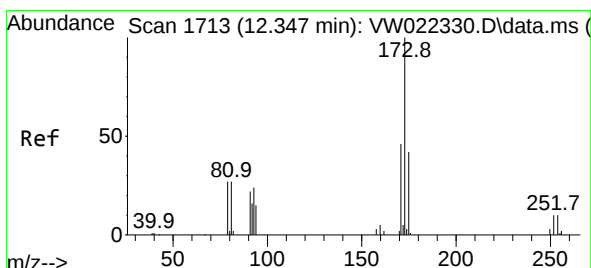
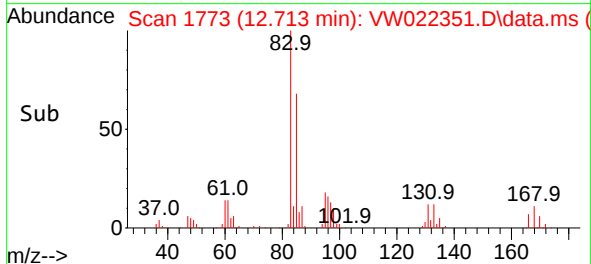
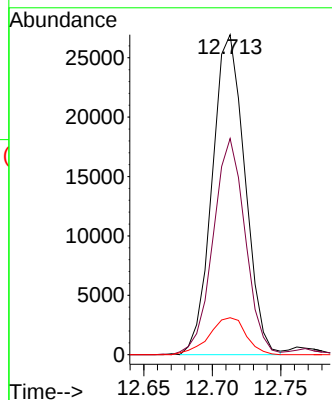
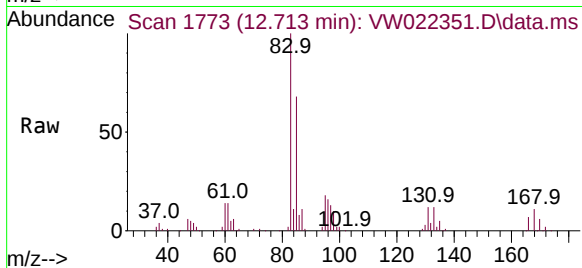
Tgt Ion: 83 Resp: 44751

Ion Ratio Lower Upper

83 100

85 67.5 44.2 82.0

131 11.6 9.4 14.0



#59

Bromoform

Concen: 26.761 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

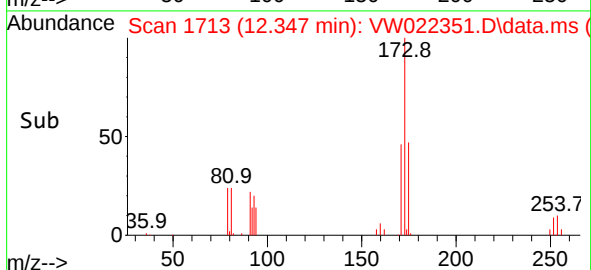
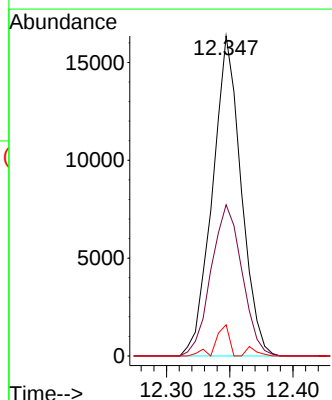
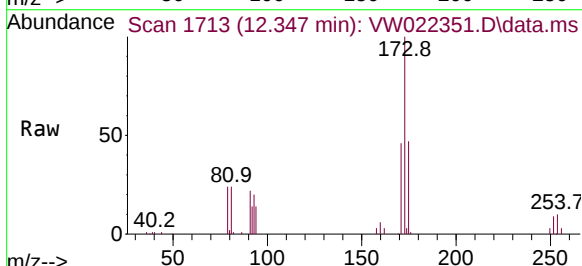
Tgt Ion:173 Resp: 25749

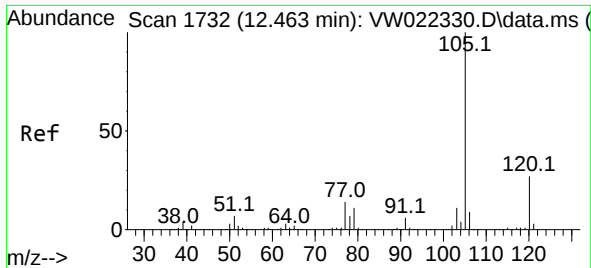
Ion Ratio Lower Upper

173 100

175 51.0 38.2 57.4

254 3.9 5.0 7.6#

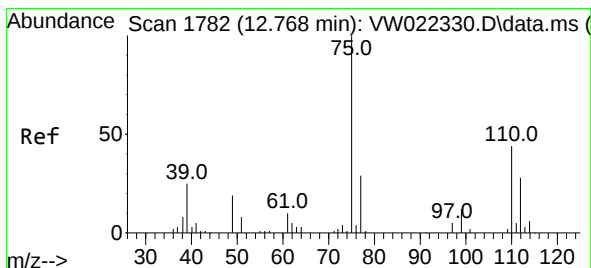
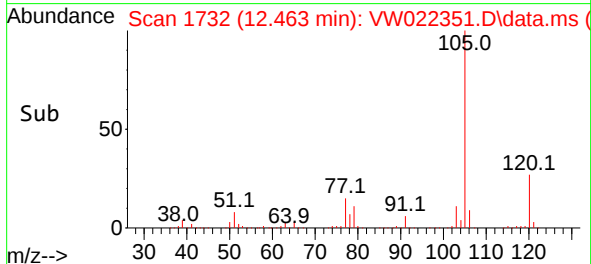
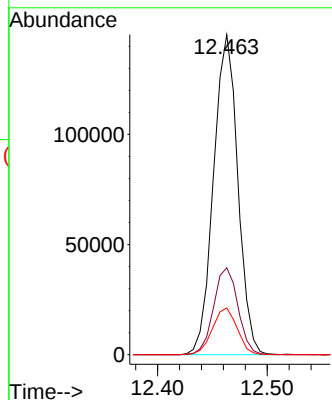
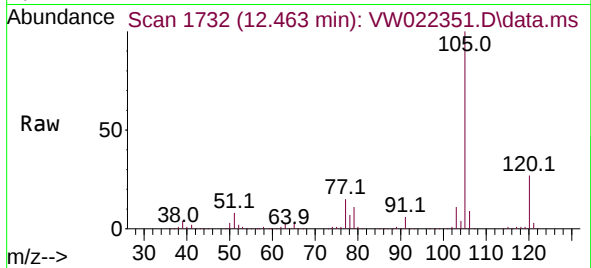




#60
Isopropylbenzene
Concen: 25.617 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

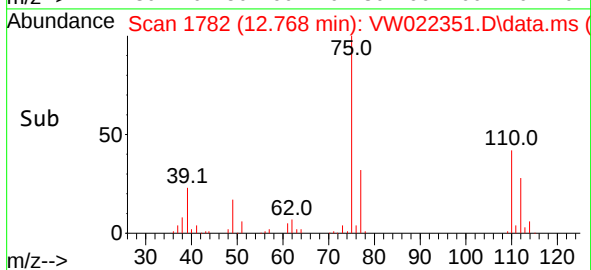
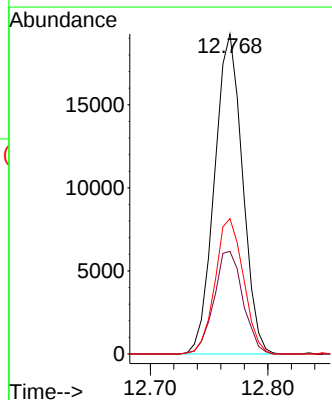
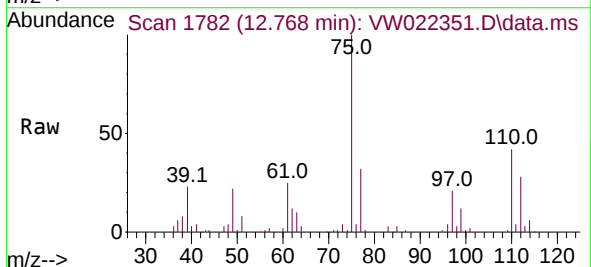
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

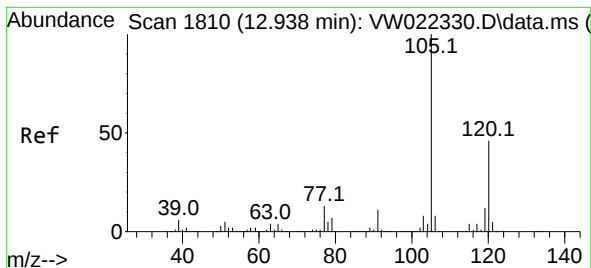
Tgt Ion:105 Resp: 223746
Ion Ratio Lower Upper
105 100
120 27.2 22.1 33.1
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 27.779 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion: 75 Resp: 31901
Ion Ratio Lower Upper
75 100
77 33.2 27.1 40.7
110 42.9 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 25.569 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Instrument :

MSVOA_W

ClientSampleId :

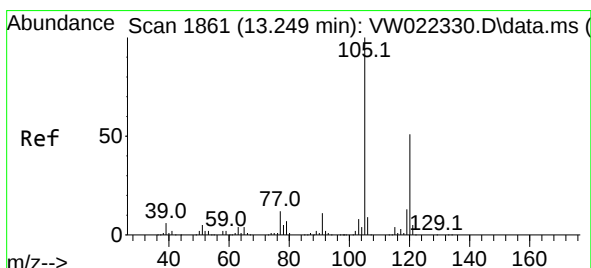
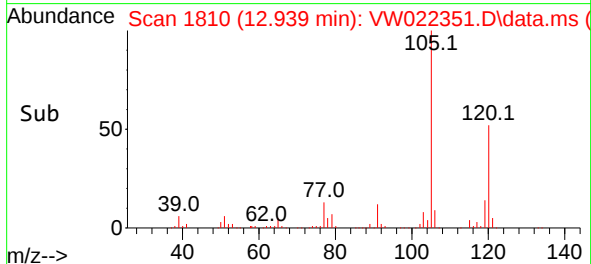
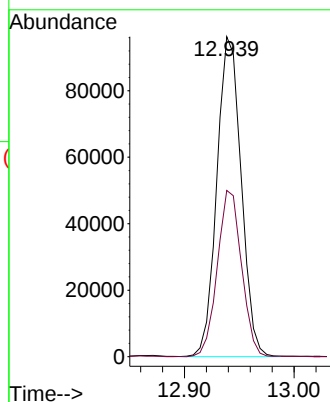
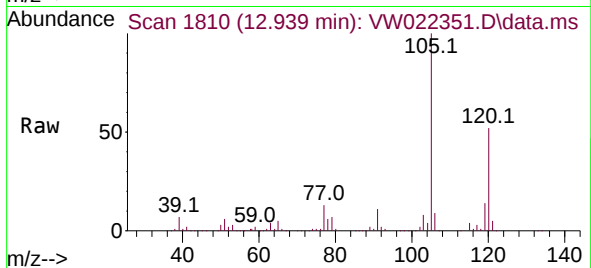
VSTD025586

Tgt Ion:105 Resp: 148506

Ion Ratio Lower Upper

105 100

120 51.6 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 26.242 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022351.D

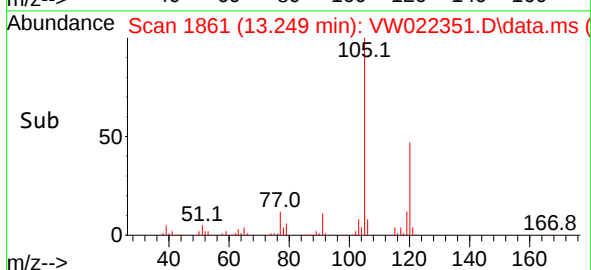
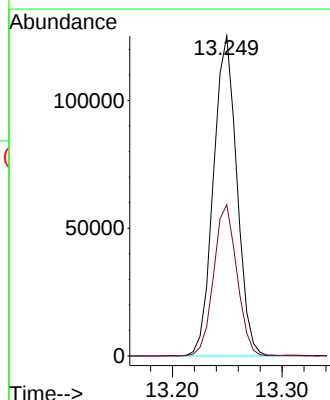
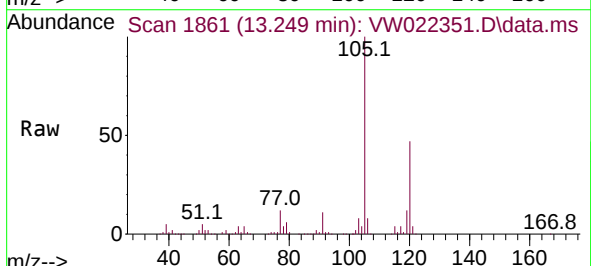
Acq: 15 Mar 2022 20:47

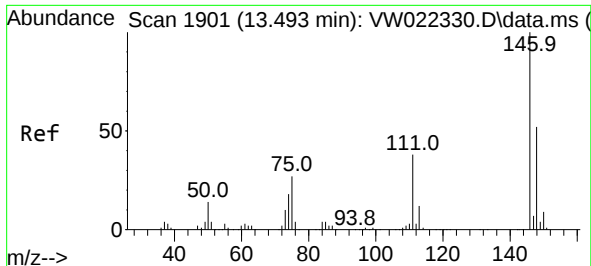
Tgt Ion:105 Resp: 186266

Ion Ratio Lower Upper

105 100

120 46.8 39.2 58.8

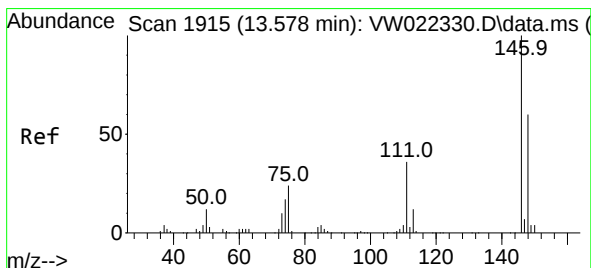
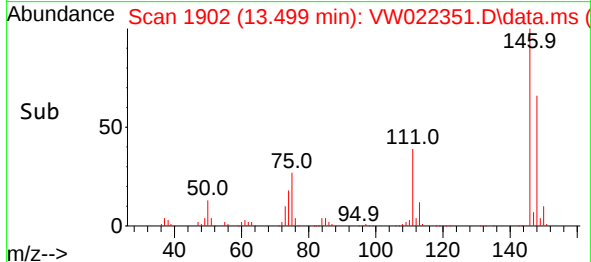
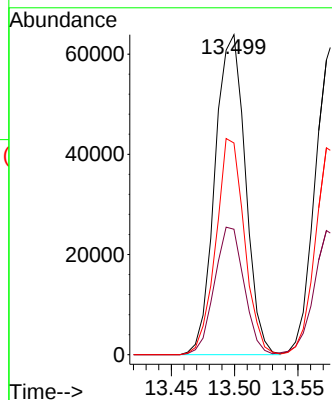
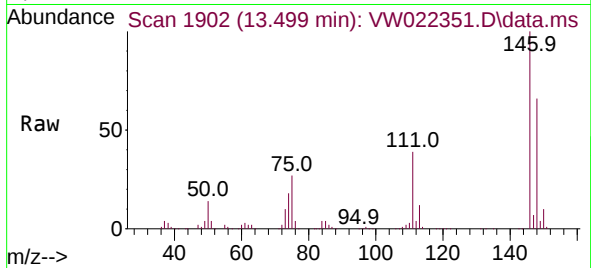




#64
1,3-Dichlorobenzene
Concen: 24.637 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

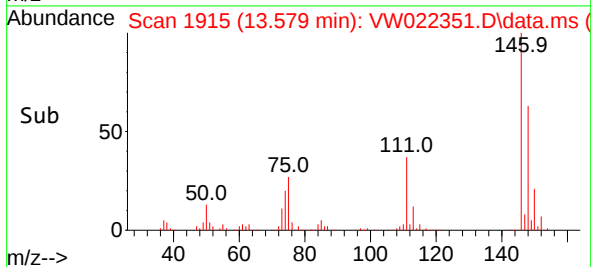
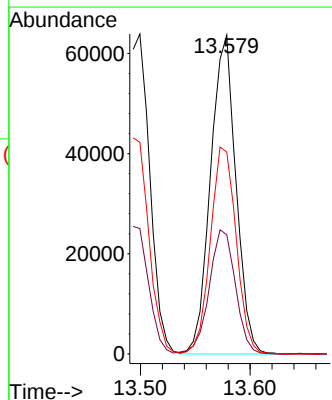
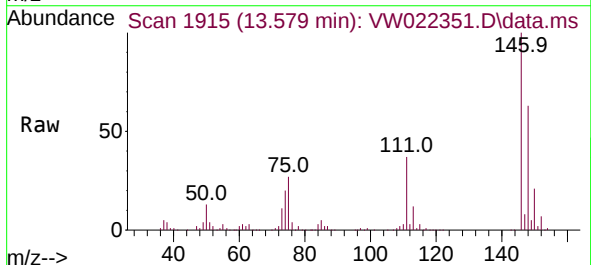
Instrument :
MSVOA_W
ClientSampleId :
VSTD025586

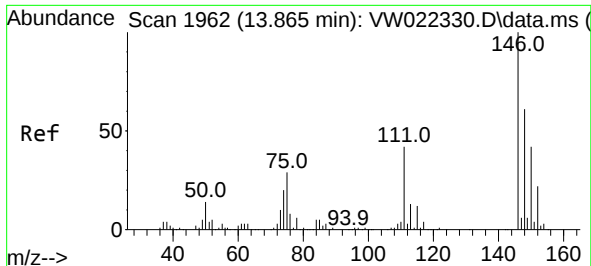
Tgt Ion:146 Resp: 106745
Ion Ratio Lower Upper
146 100
111 39.2 26.9 49.9
148 66.2 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 23.629 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022351.D
Acq: 15 Mar 2022 20:47

Tgt Ion:146 Resp: 102597
Ion Ratio Lower Upper
146 100
111 37.4 27.5 51.1
148 63.3 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.800 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

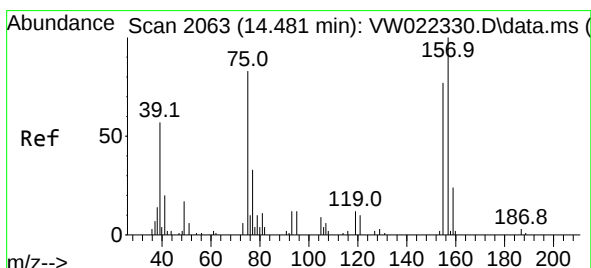
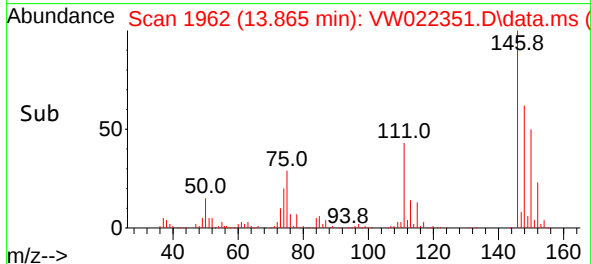
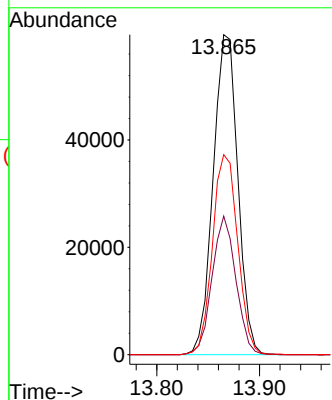
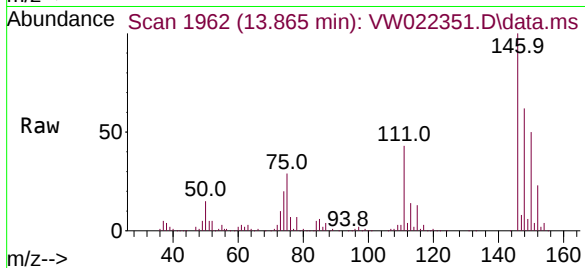
Tgt Ion:146 Resp: 99386

Ion Ratio Lower Upper

146 100

111 43.3 34.8 52.2

148 62.5 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 28.287 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

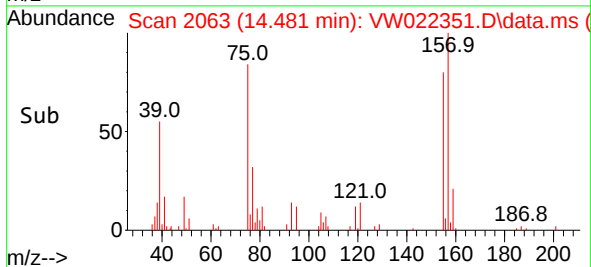
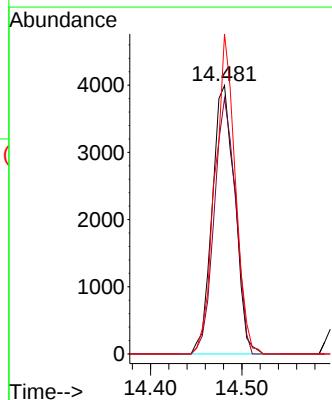
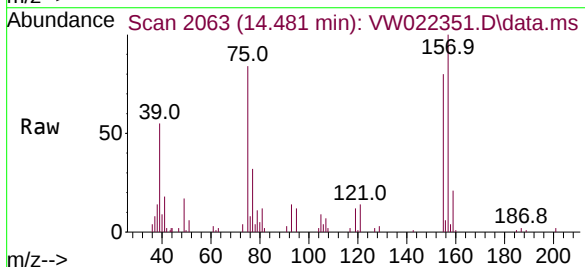
Tgt Ion: 75 Resp: 6867

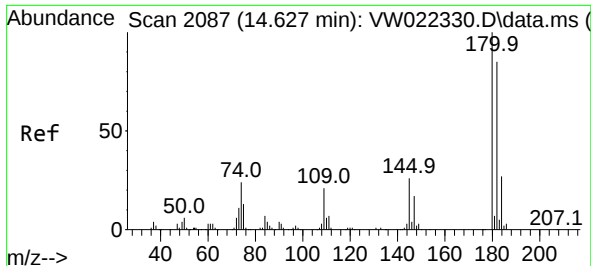
Ion Ratio Lower Upper

75 100

155 95.2 58.2 87.2#

157 119.2 80.5 120.7

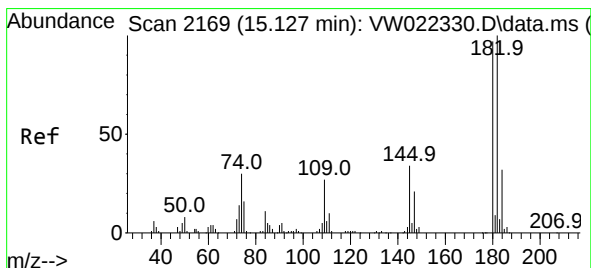
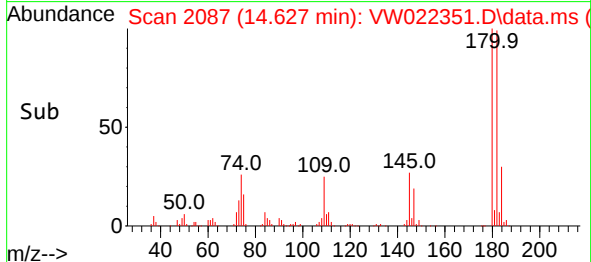
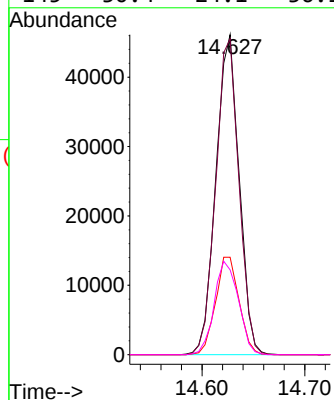
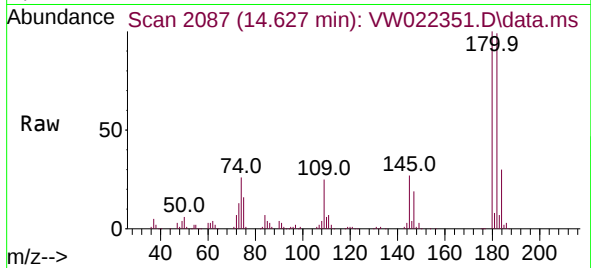




#69
 1,3,5-Trichlorobenzene
 Concen: 23.283 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW022351.D
 Acq: 15 Mar 2022 20:47

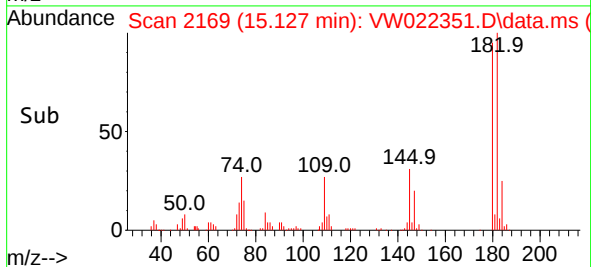
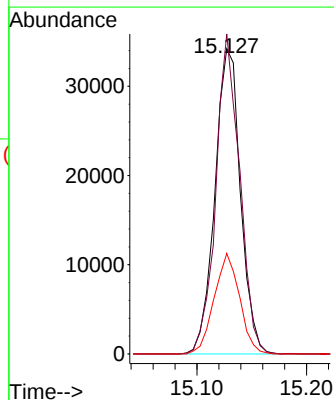
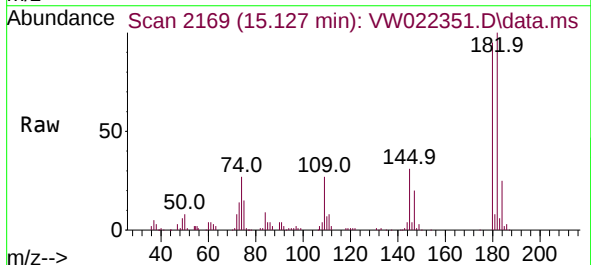
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

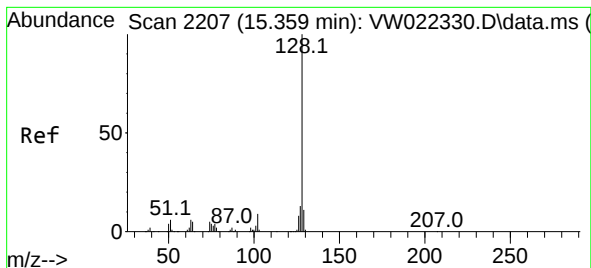
Tgt Ion:180	Resp:	72407
Ion Ratio	Lower	Upper
180	100	
182	98.4	69.4 104.0
184	30.9	21.8 32.8
145	30.4	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 23.590 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022351.D
 Acq: 15 Mar 2022 20:47

Tgt Ion:180	Resp:	55508
Ion Ratio	Lower	Upper
180	100	
182	97.6	77.8 116.6
145	32.7	25.8 38.6





#71

Naphthalene

Concen: 27.831 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025586

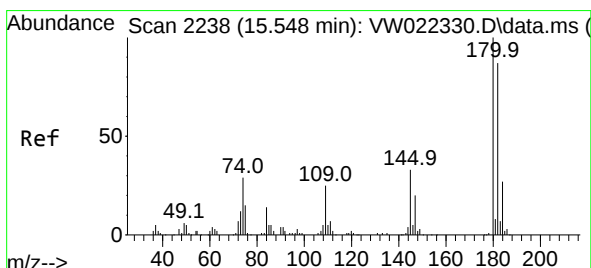
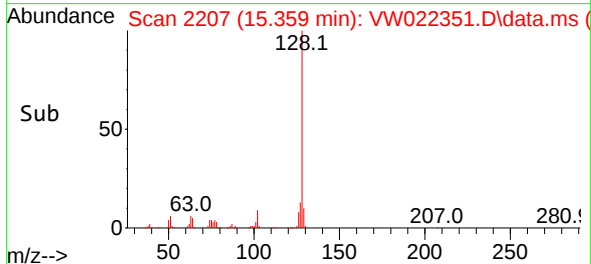
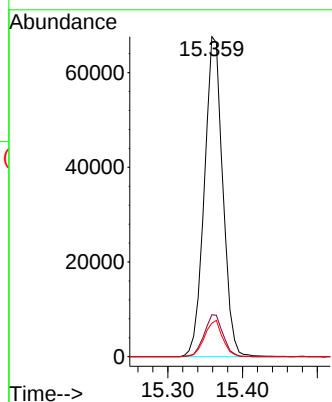
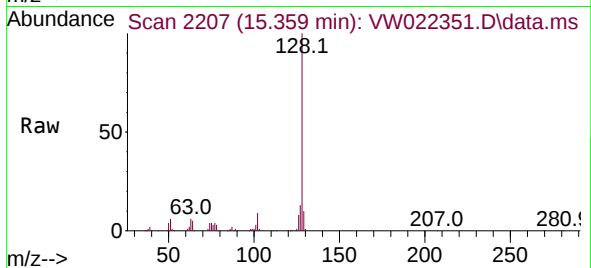
Tgt Ion:128 Resp: 115607

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.6

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.845 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022351.D

Acq: 15 Mar 2022 20:47

Tgt Ion:180 Resp: 52601

Ion Ratio Lower Upper

180 100

182 96.9 79.0 118.4

145 32.8 28.0 42.0

