

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
 Data File : VW022918.D
 Acq On : 09 May 2022 09:07
 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: May 09 22:52:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 07 01:54:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320500	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	312476	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	130960	19.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.680%
7) Chloroethane-d5	2.885	69	102961	24.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.280%
11) 1,1-Dichloroethene-d2	4.025	63	198099	23.316	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.280%
21) 2-Butanone-d5	7.074	46	60659	48.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.040%
24) Chloroform-d	7.647	84	244031	25.989	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.960%
26) 1,2-Dichloroethane-d4	8.305	65	128264	24.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.640%
32) Benzene-d6	8.275	84	451112	25.047	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	9.274	67	133126	26.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.240%
41) Toluene-d8	10.323	98	431137	24.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	10.579	79	57539	24.700	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.800%
47) 2-Hexanone-d5	10.921	63	49358	51.105	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.220%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	126246	26.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	163566	25.575	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	27779	15.900	ug/L	91
3) Chloromethane	2.221	50	81562	24.158	ug/L	99
5) Vinyl chloride	2.361	62	154912	22.863	ug/L	99
6) Bromomethane	2.782	94	94144	21.640	ug/L	94
8) Chloroethane	2.922	64	81757	25.017	ug/L	99
9) Trichlorofluoromethane	3.257	101	85414	27.581	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	114452	24.716	ug/L	93
12) 1,1-Dichloroethene	4.044	96	102083	24.869	ug/L	88
13) Acetone	4.117	43	36307	38.789	ug/L	97
14) Carbon disulfide	4.385	76	238001	21.148	ug/L	97
15) Methyl Acetate	4.672	43	41595	22.120	ug/L	98
16) Methylene chloride	4.922	84	113311	24.162	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	112544	24.363	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	182843	25.929	ug/L	100
19) 1,1-Dichloroethane	6.220	63	201846	25.781	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	127572	25.712	ug/L #	95
22) 2-Butanone	7.171	43	55880	42.688	ug/L	97
23) Bromochloromethane	7.519	128	57837	24.891	ug/L	85
25) Chloroform	7.677	83	230584	26.635	ug/L	100

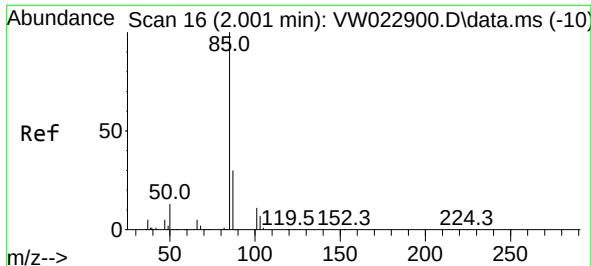
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
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Quant Time: May 09 22:52:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 07 01:54:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	144940	25.116	ug/L	98
29) Cyclohexane	7.958	56	166806	24.683	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	200360	27.133	ug/L	100
31) Carbon tetrachloride	8.067	117	183987	26.636	ug/L	99
33) Benzene	8.323	78	472214	25.652	ug/L	100
34) Trichloroethene	9.092	95	129680	25.616	ug/L	97
35) Methylcyclohexane	9.335	83	208191	25.033	ug/L	99
37) 1,2-Dichloropropane	9.372	63	116030	26.047	ug/L	99
38) Bromodichloromethane	9.646	83	166089	26.250	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	186578	27.012	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	130480	46.471	ug/L	99
42) Toluene	10.384	91	539760	26.164	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	165574	26.856	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	97551	26.195	ug/L	97
46) Tetrachloroethene	10.860	164	98688	25.940	ug/L	93
48) 2-Hexanone	10.963	43	89495	47.704	ug/L	95
49) Dibromochloromethane	11.128	129	115324	25.730	ug/L	92
50) 1,2-Dibromoethane	11.231	107	92597	24.763	ug/L	99
51) Chlorobenzene	11.658	112	364085	26.770	ug/L	98
52) Ethylbenzene	11.731	91	619309	26.984	ug/L	98
53) m,p-Xylene	11.841	106	245079	27.101	ug/L	98
54) o-Xylene	12.164	106	239197	27.563	ug/L	98
55) Styrene	12.176	104	409619	27.778	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	116624	25.073	ug/L	96
59) Bromoform	12.347	173	63816	24.613	ug/L	99
60) Isopropylbenzene	12.463	105	658151	26.259	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	82381	22.536	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	361656	25.936	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	554250	26.472	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	291110	26.015	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	298290	25.807	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	263852	25.767	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17562	21.982	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	196491	26.453	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	154413	25.842	ug/L	98
71) Naphthalene	15.359	128	320006	24.641	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	135071	25.505	ug/L	98

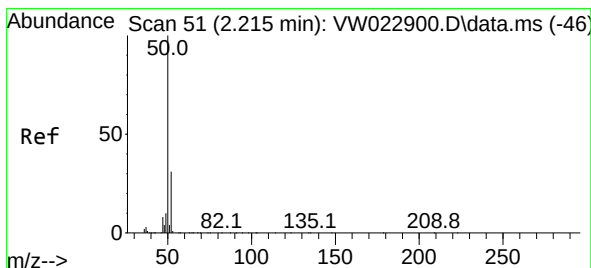
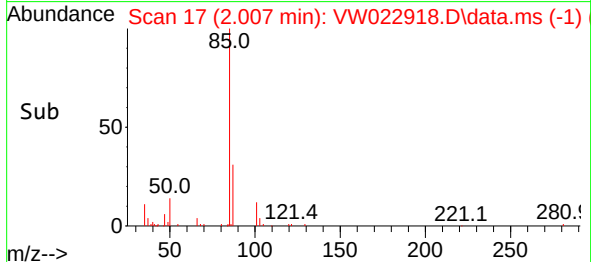
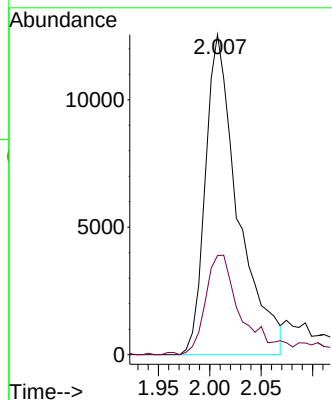
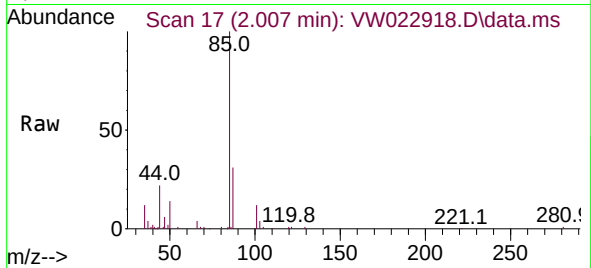
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 15.900 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW022918.D
 Acq: 09 May 2022 09:07

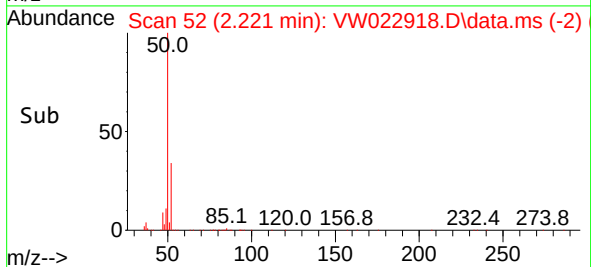
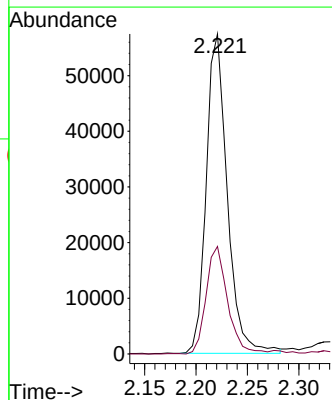
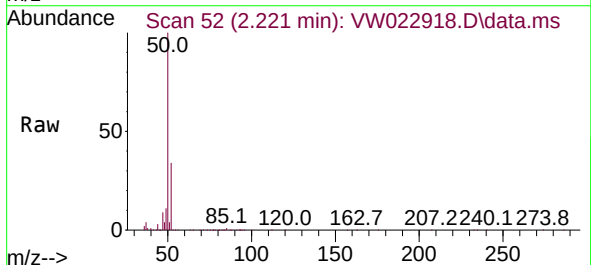
Instrument :
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 ClientSampleId :
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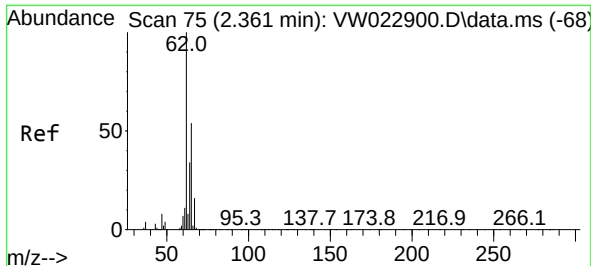
Tgt Ion: 85 Resp: 27779
 Ion Ratio Lower Upper
 85 100
 87 29.7 27.8 41.8



#3
 Chloromethane
 Concen: 24.158 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW022918.D
 Acq: 09 May 2022 09:07

Tgt Ion: 50 Resp: 81562
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.1 42.9

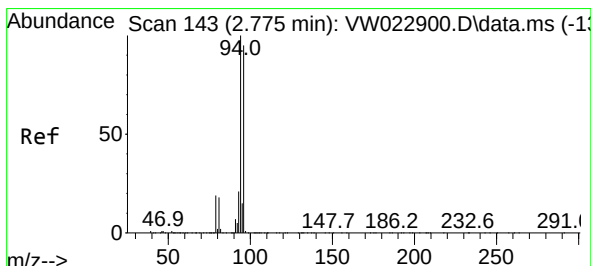
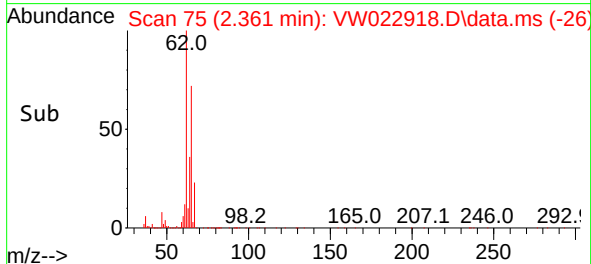
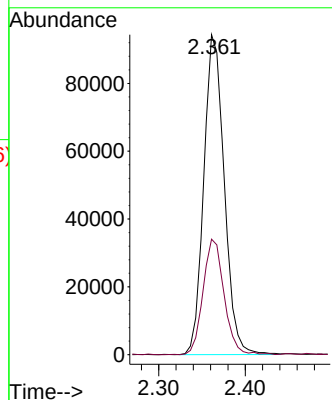
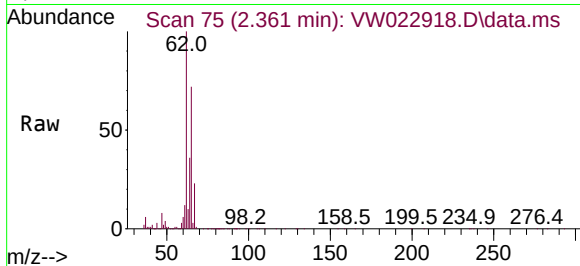




#5
 Vinyl chloride
 Concen: 22.863 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022918.D
 Acq: 09 May 2022 09:07

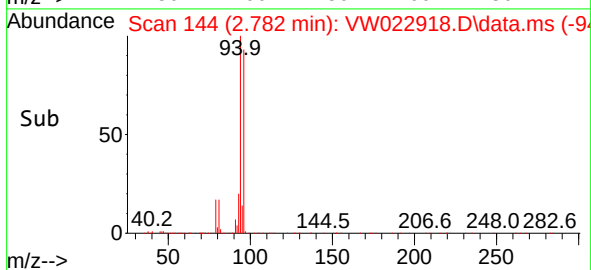
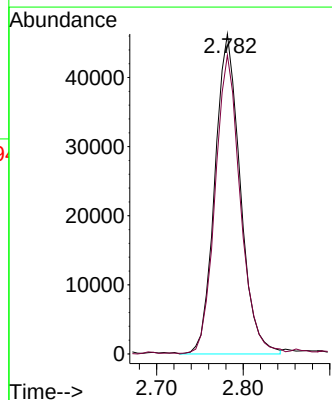
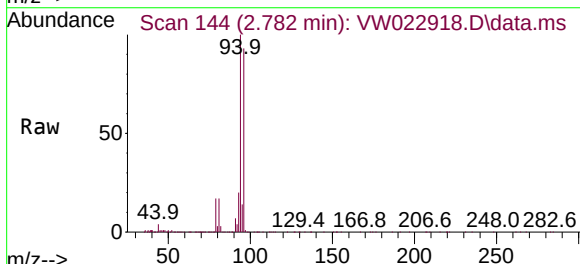
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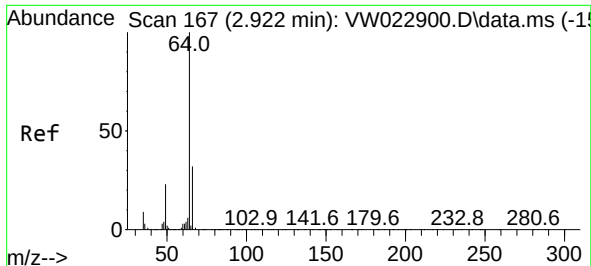
Tgt Ion: 62 Resp: 154912
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.9 46.3



#6
 Bromomethane
 Concen: 21.640 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022918.D
 Acq: 09 May 2022 09:07

Tgt Ion: 94 Resp: 94144
 Ion Ratio Lower Upper
 94 100
 96 93.4 61.7 114.5

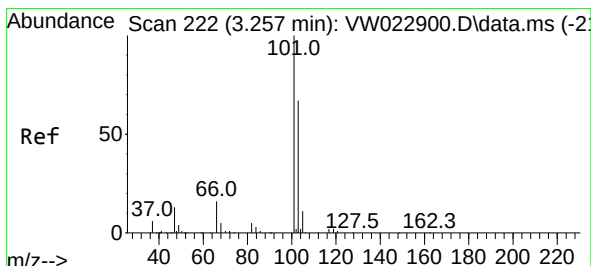
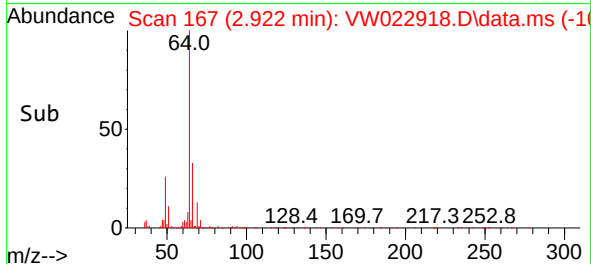
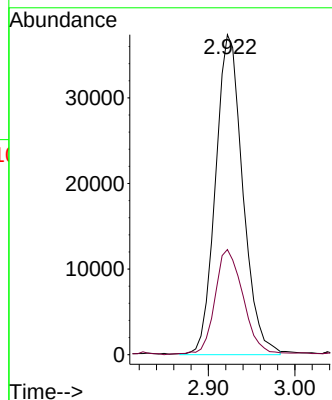
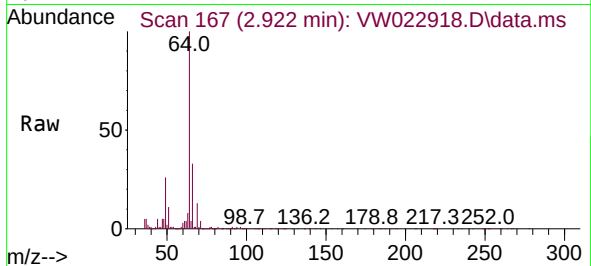




#8
Chloroethane
Concen: 25.017 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

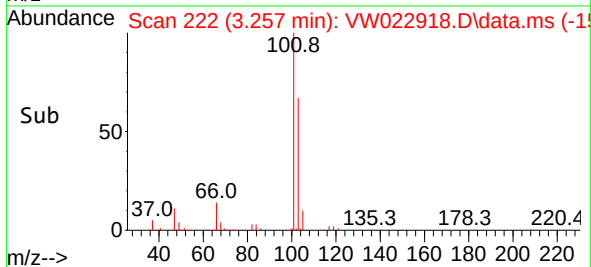
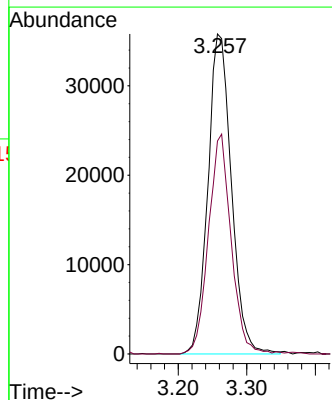
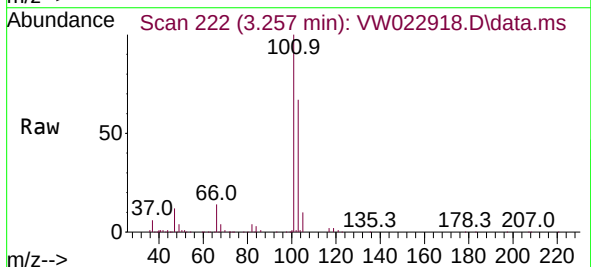
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ClientSampleId :
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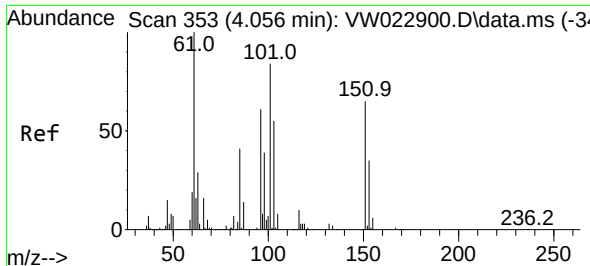
Tgt Ion: 64 Resp: 81757
Ion Ratio Lower Upper
64 100
66 32.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 27.581 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 101 Resp: 85414
Ion Ratio Lower Upper
101 100
103 66.1 53.9 80.9

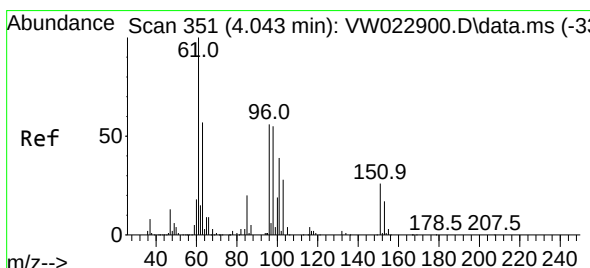
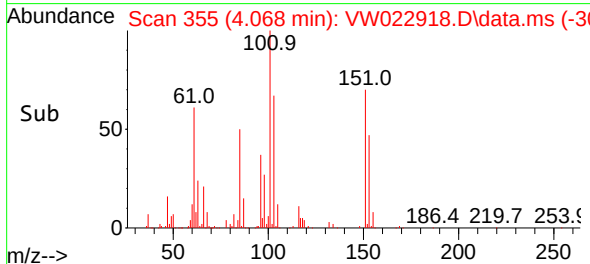
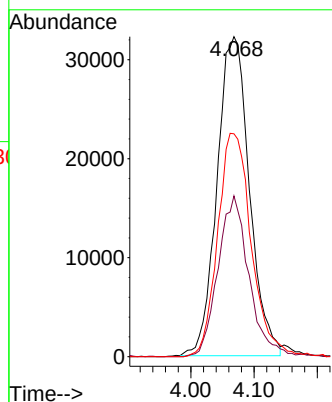
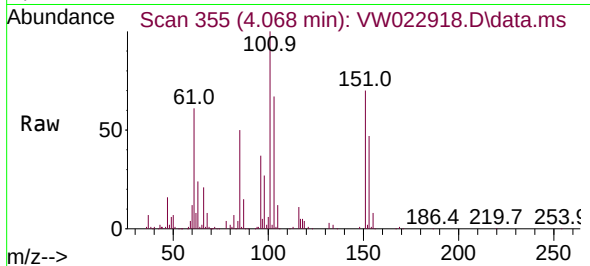




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.716 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: VW022918.D
 Acq: 09 May 2022 09:07

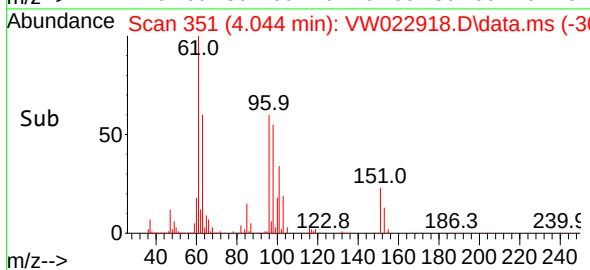
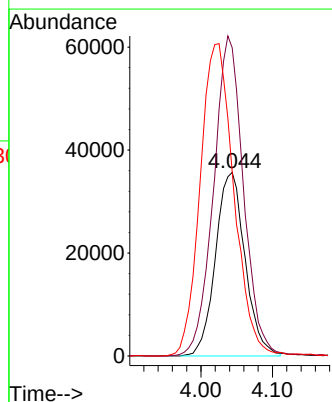
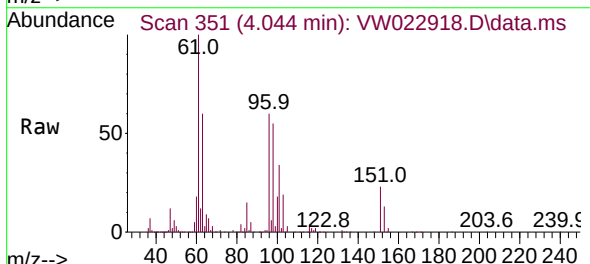
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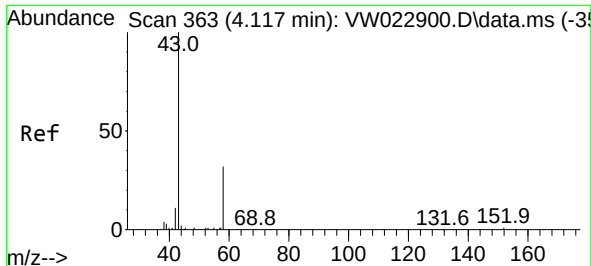
Tgt Ion:101 Resp: 114452
 Ion Ratio Lower Upper
 101 100
 85 48.0 34.3 51.5
 151 72.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 24.869 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022918.D
 Acq: 09 May 2022 09:07

Tgt Ion: 96 Resp: 102083
 Ion Ratio Lower Upper
 96 100
 61 167.9 125.7 233.5
 63 100.2 83.4 155.0

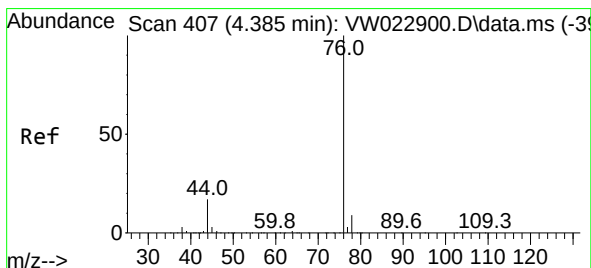
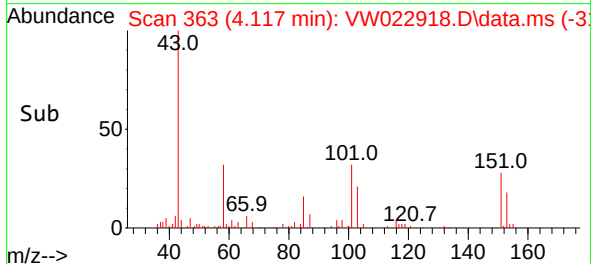
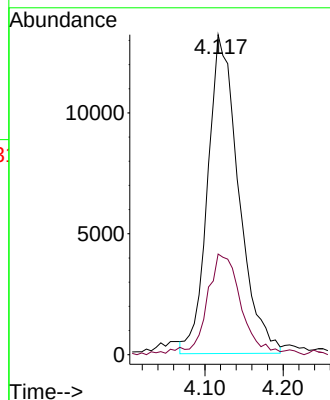
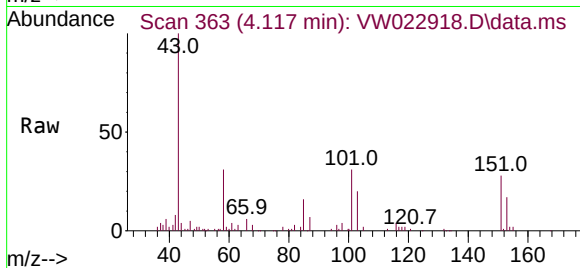




#13
Acetone
Concen: 38.789 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

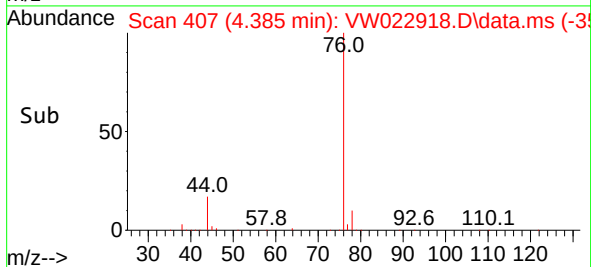
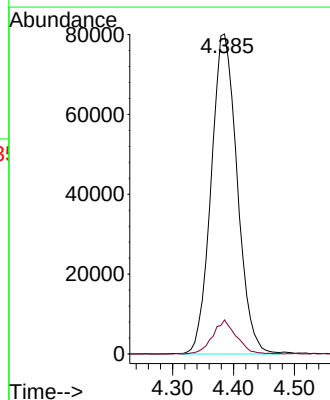
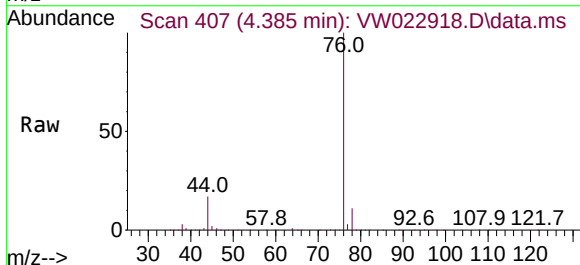
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

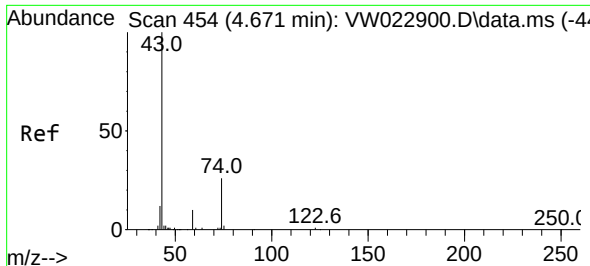
Tgt Ion: 43 Resp: 36307
Ion Ratio Lower Upper
43 100
58 33.5 0.0 64.0



#14
Carbon disulfide
Concen: 21.148 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 76 Resp: 238001
Ion Ratio Lower Upper
76 100
78 10.6 7.7 11.5

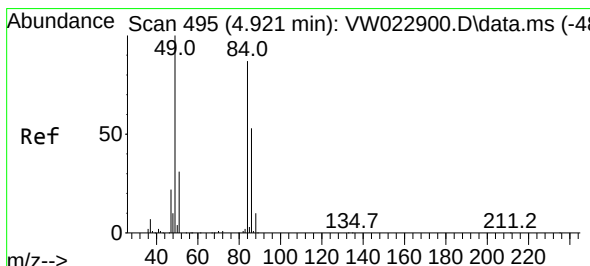
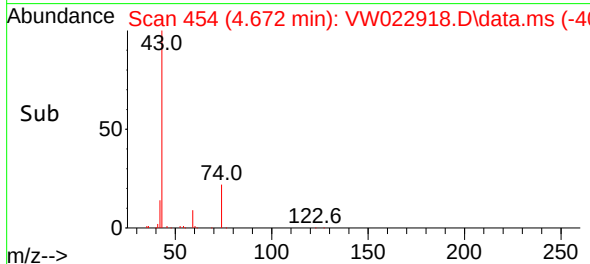
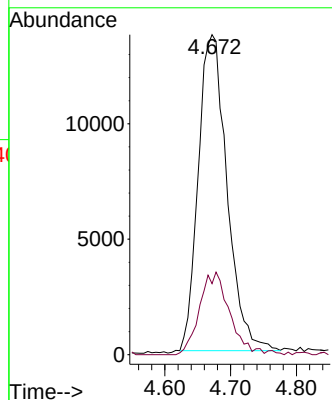
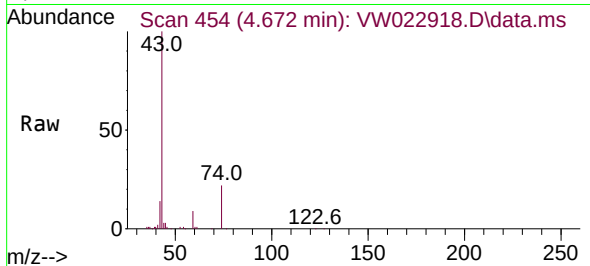




#15
Methyl Acetate
Concen: 22.120 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

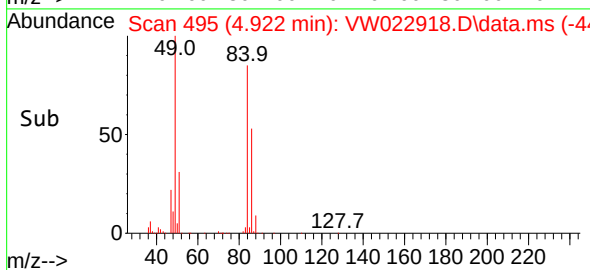
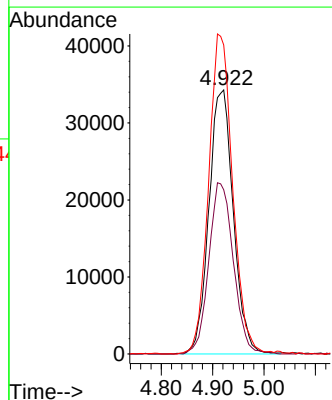
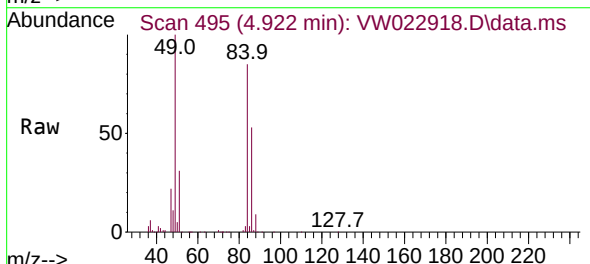
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

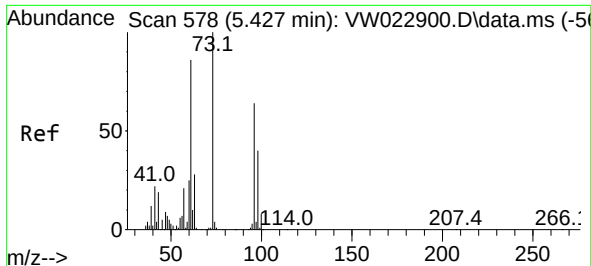
Tgt Ion: 43 Resp: 41595
Ion Ratio Lower Upper
43 100
74 26.6 21.9 32.9



#16
Methylene chloride
Concen: 24.162 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 84 Resp: 113311
Ion Ratio Lower Upper
84 100
86 62.2 45.4 84.4
49 117.0 82.5 153.1

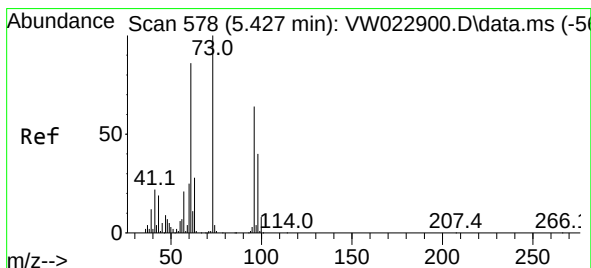
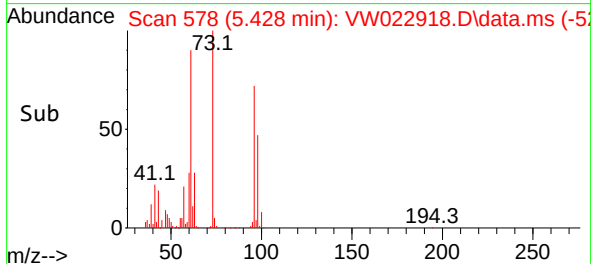
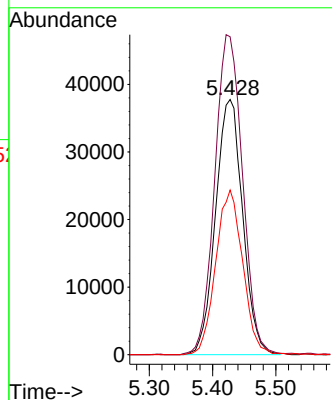
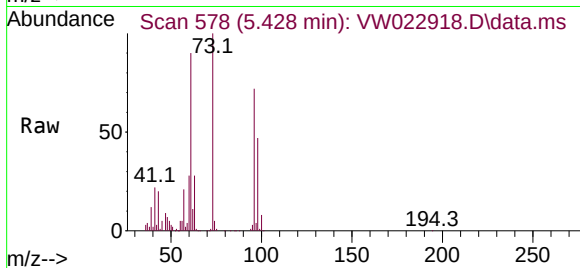




#17
trans-1,2-Dichloroethene
Concen: 24.363 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

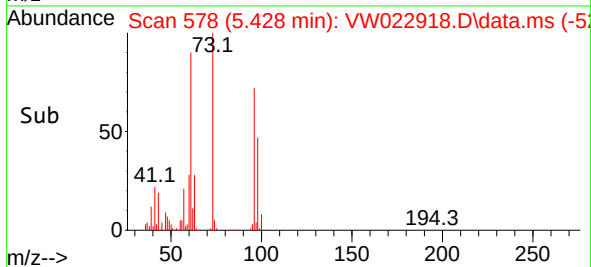
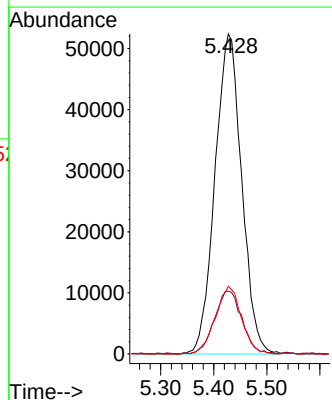
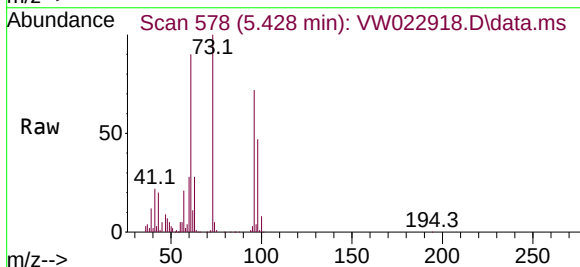
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

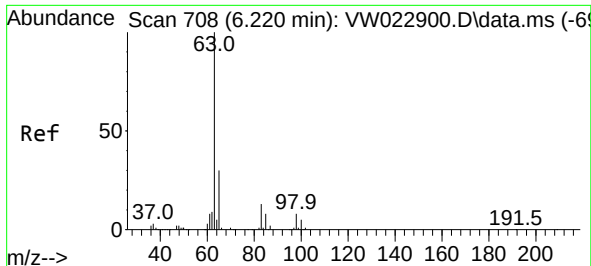
Tgt Ion: 96 Resp: 112544
Ion Ratio Lower Upper
96 100
61 124.6 92.2 171.2
98 64.6 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.929 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 73 Resp: 182843
Ion Ratio Lower Upper
73 100
43 19.9 15.9 23.9
57 20.6 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.781 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

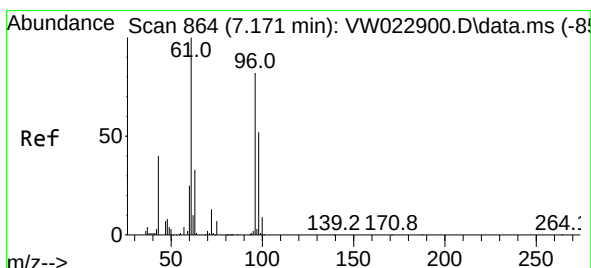
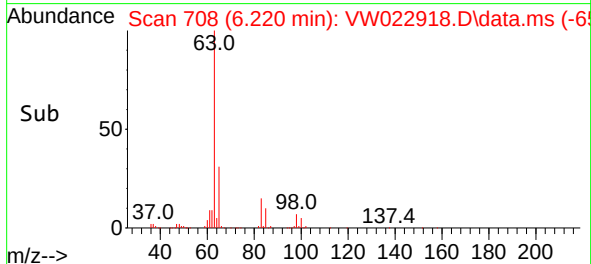
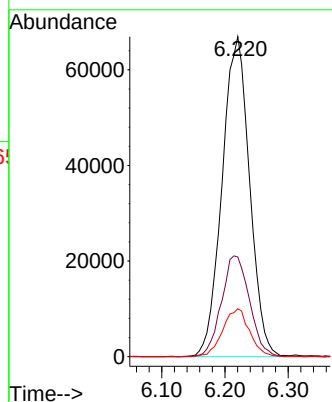
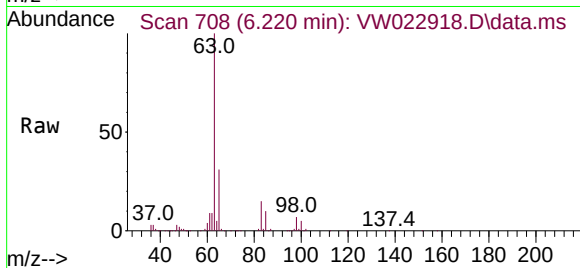
Tgt Ion: 63 Resp: 201846

Ion Ratio Lower Upper

63 100

65 31.2 23.3 43.3

83 15.0 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.712 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

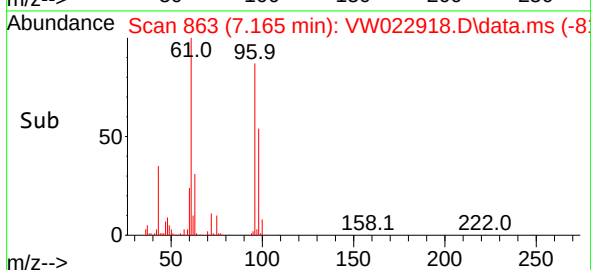
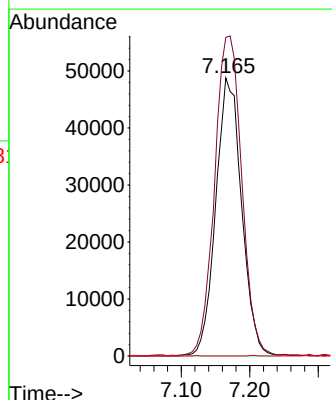
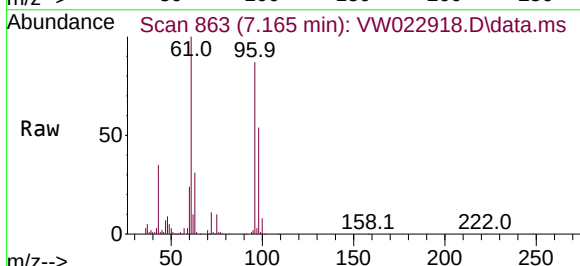
Tgt Ion: 96 Resp: 127572

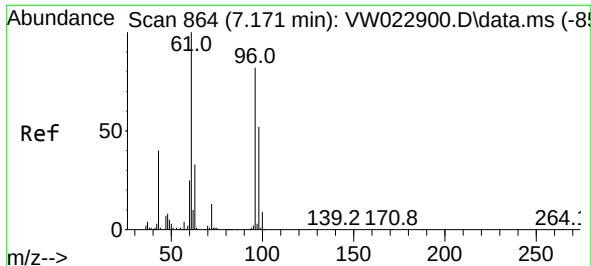
Ion Ratio Lower Upper

96 100

61 114.5 84.2 156.4

68 0.0 0.1 0.1#

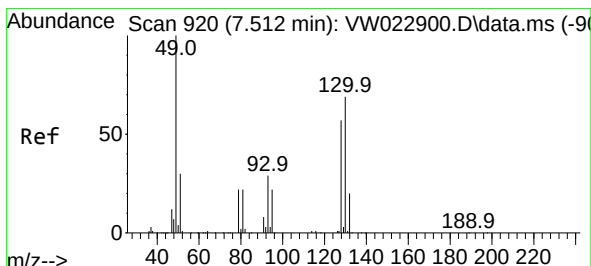
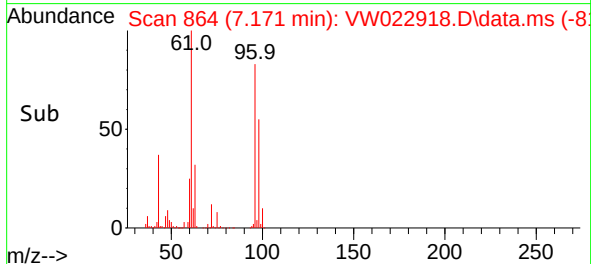
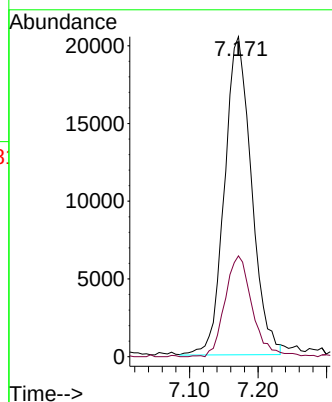
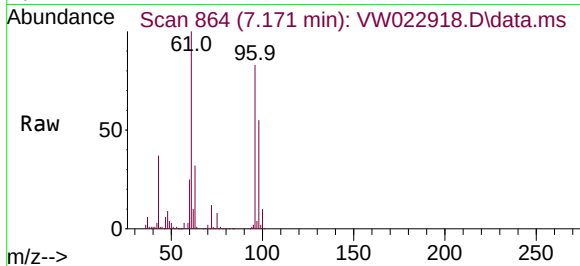




#22
2-Butanone
Concen: 42.688 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

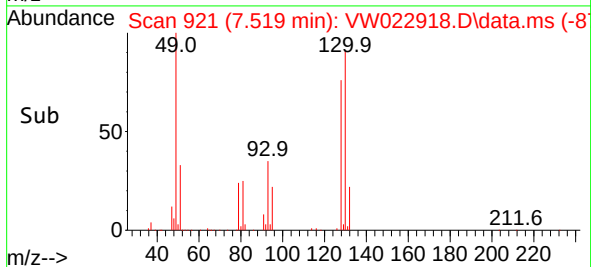
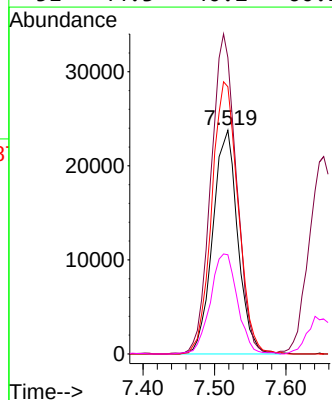
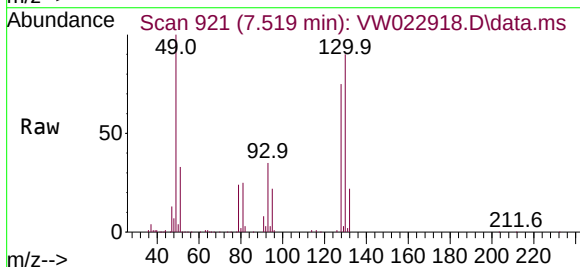
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

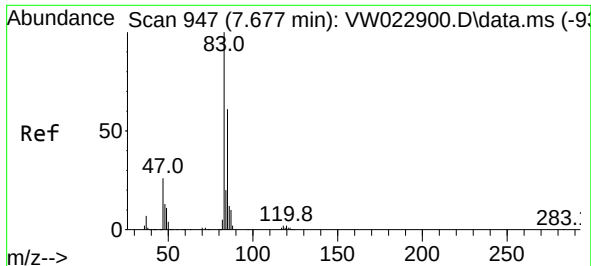
Tgt Ion: 43 Resp: 55880
Ion Ratio Lower Upper
43 100
72 31.6 15.1 45.3



#23
Bromochloromethane
Concen: 24.891 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 128 Resp: 57837
Ion Ratio Lower Upper
128 100
49 132.5 110.0 204.4
130 119.5 94.8 176.0
51 44.3 40.2 60.2

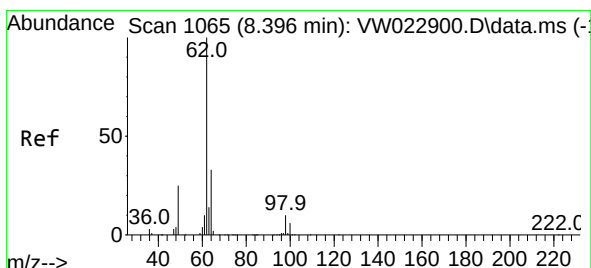
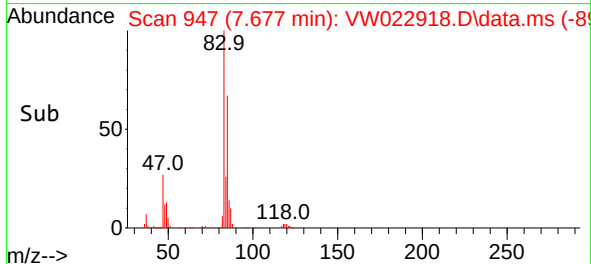
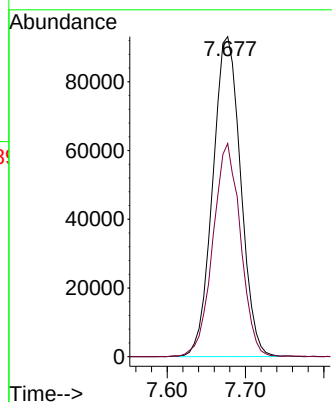
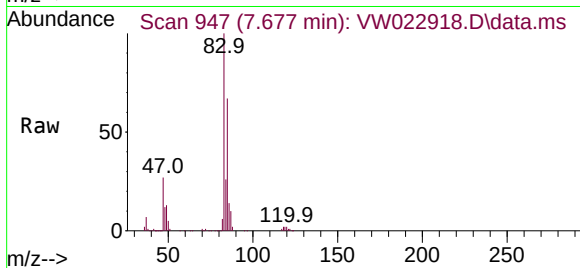




#25
Chloroform
Concen: 26.635 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

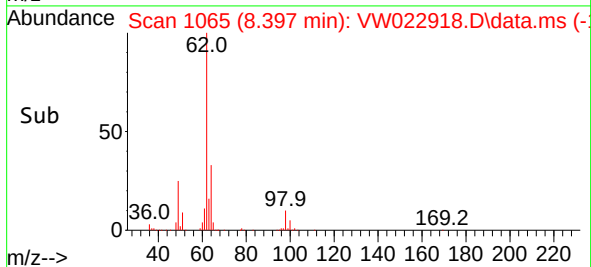
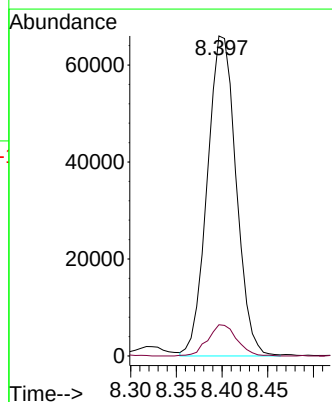
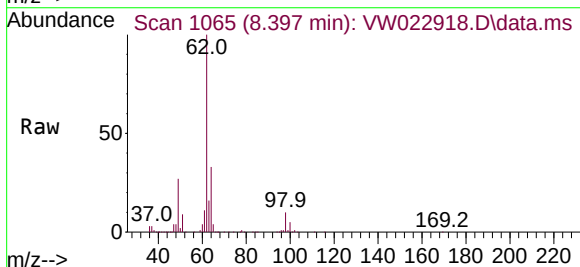
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

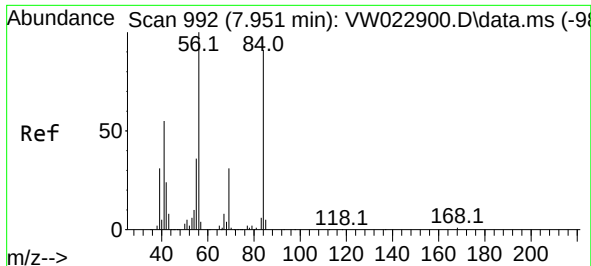
Tgt Ion: 83 Resp: 230584
Ion Ratio Lower Upper
83 100
85 66.6 46.6 86.6



#27
1,2-Dichloroethane
Concen: 25.116 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 62 Resp: 144940
Ion Ratio Lower Upper
62 100
98 9.7 7.2 10.8





#29

Cyclohexane

Concen: 24.683 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

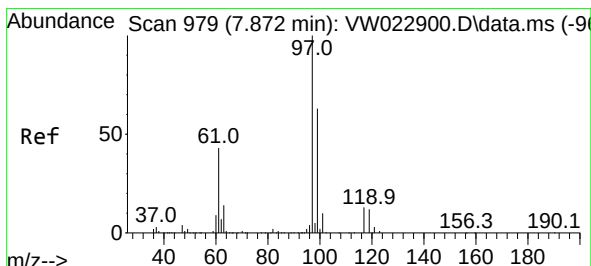
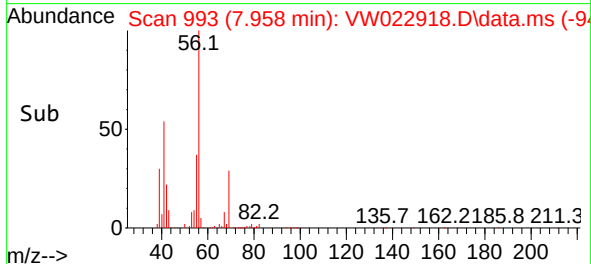
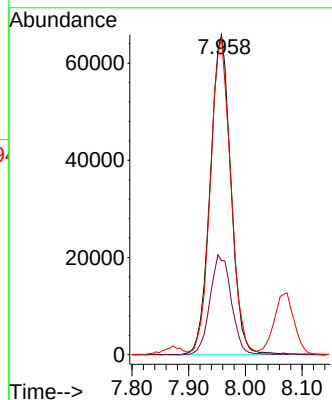
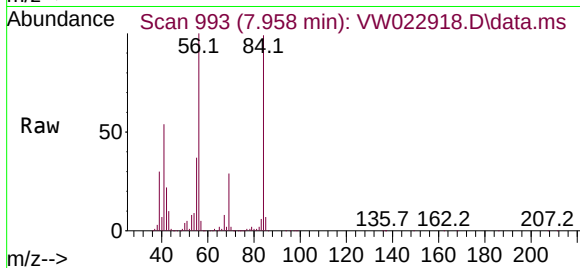
Tgt Ion: 56 Resp: 166806

Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 97.5 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 27.133 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

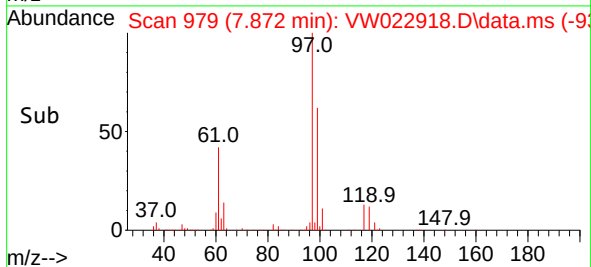
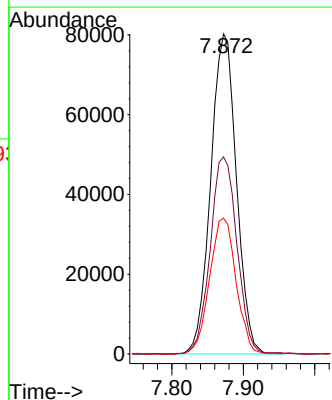
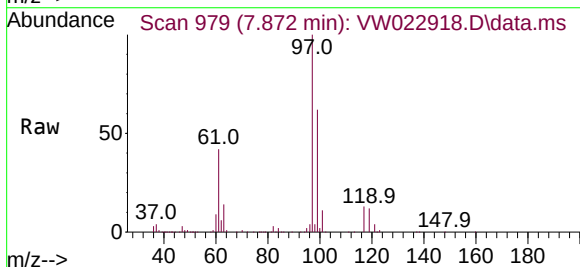
Tgt Ion: 97 Resp: 200360

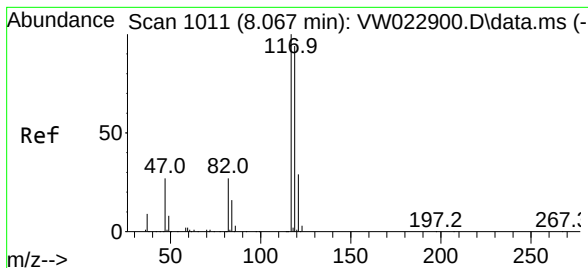
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 43.8 34.8 52.2

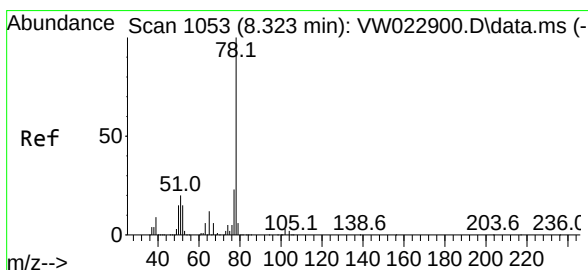
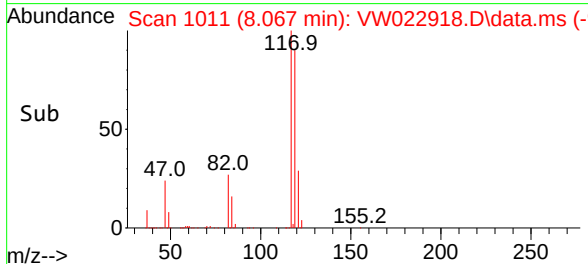
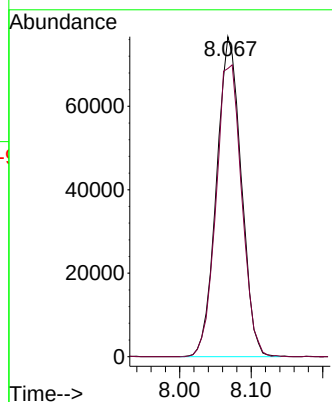
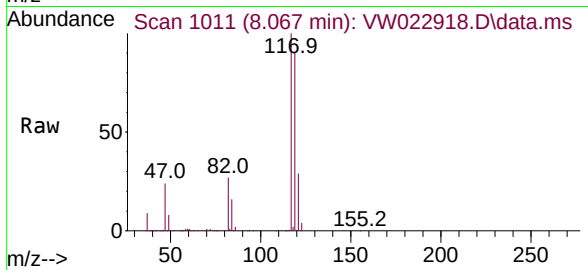




#31
Carbon tetrachloride
Concen: 26.636 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

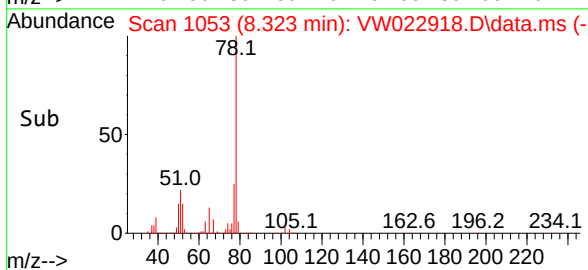
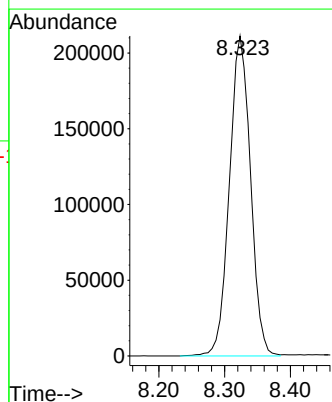
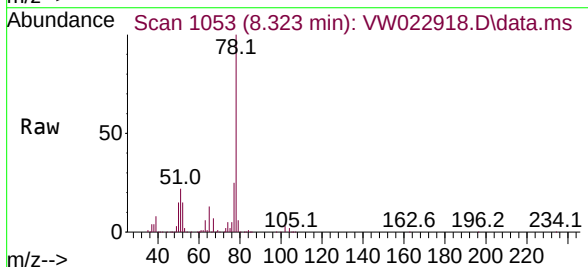
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

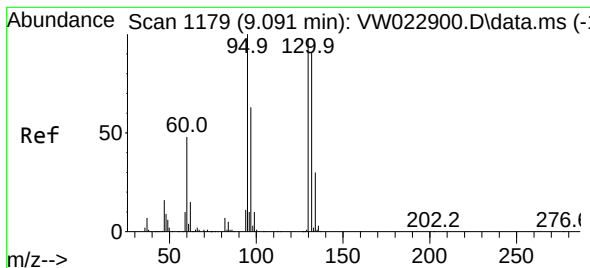
Tgt Ion:117 Resp: 183987
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0



#33
Benzene
Concen: 25.652 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 78 Resp: 472214





#34

Trichloroethene

Concen: 25.616 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

Tgt Ion: 95 Resp: 129680

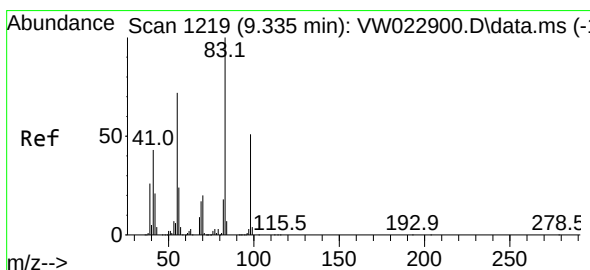
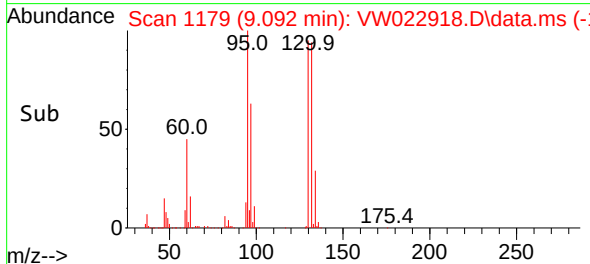
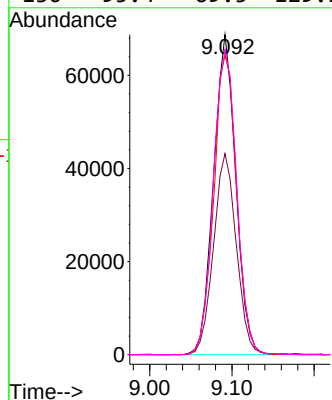
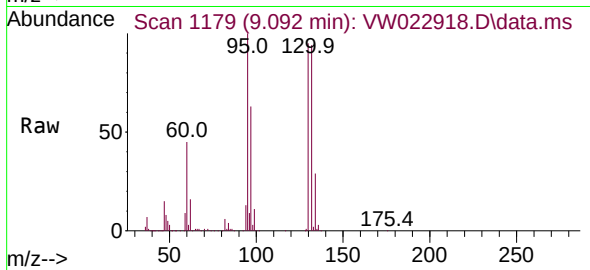
Ion Ratio Lower Upper

95 100

97 62.8 46.1 85.7

132 93.6 66.9 124.3

130 95.4 69.5 129.1



#35

Methylcyclohexane

Concen: 25.033 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

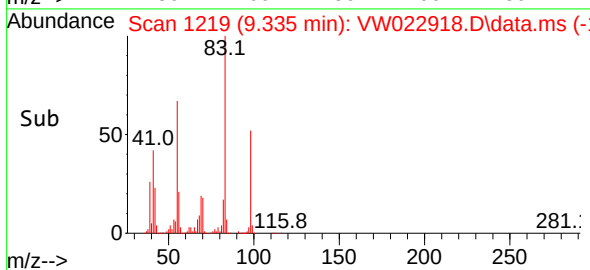
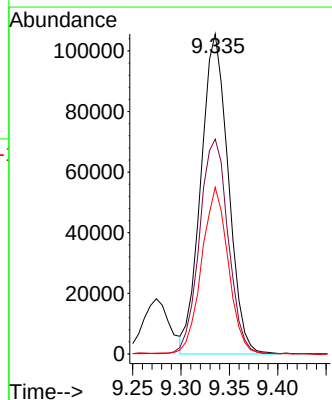
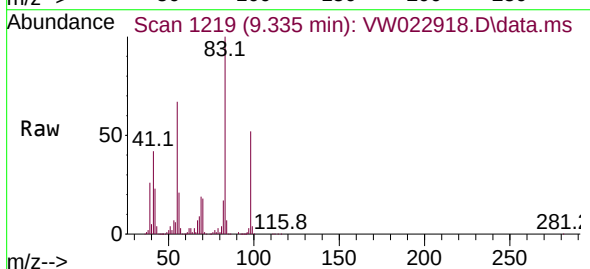
Tgt Ion: 83 Resp: 208191

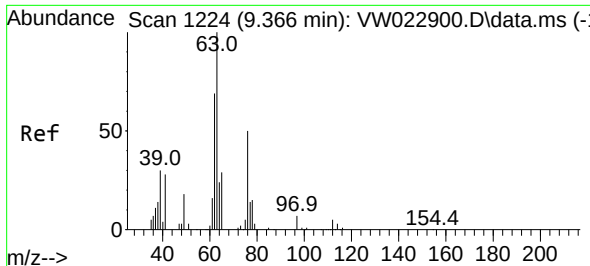
Ion Ratio Lower Upper

83 100

55 70.2 55.1 82.7

98 50.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.047 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

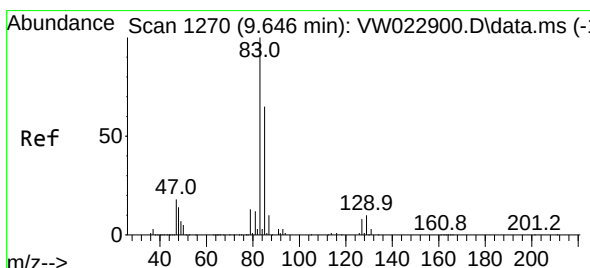
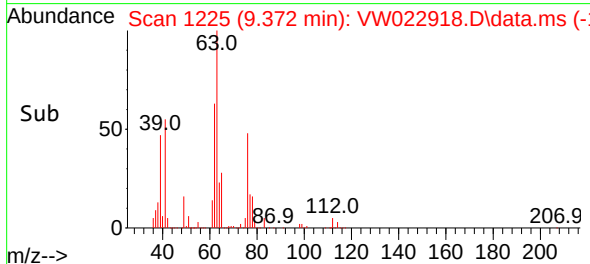
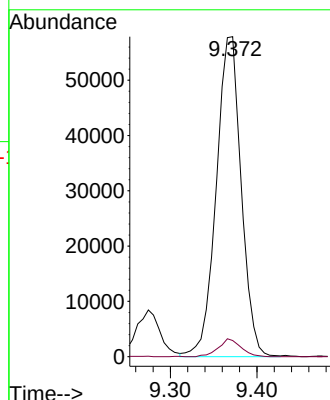
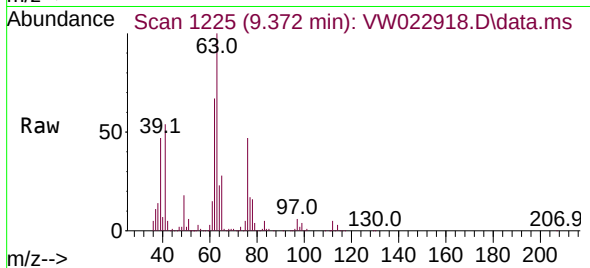
VSTD025522

Tgt Ion: 63 Resp: 116030

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 26.250 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

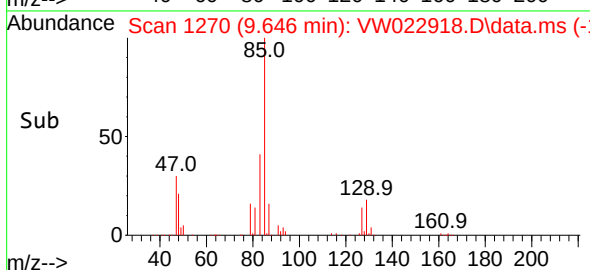
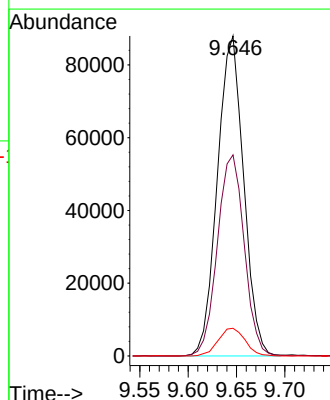
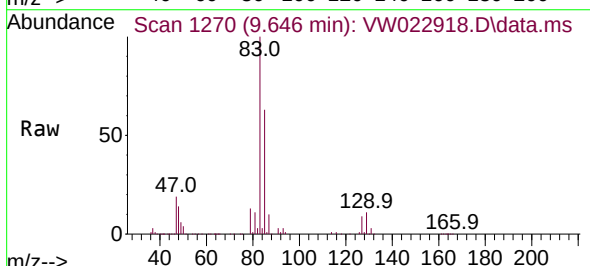
Tgt Ion: 83 Resp: 166089

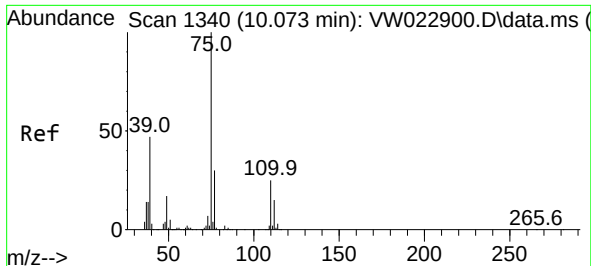
Ion Ratio Lower Upper

83 100

85 62.9 43.5 80.7

127 8.6 7.1 10.7

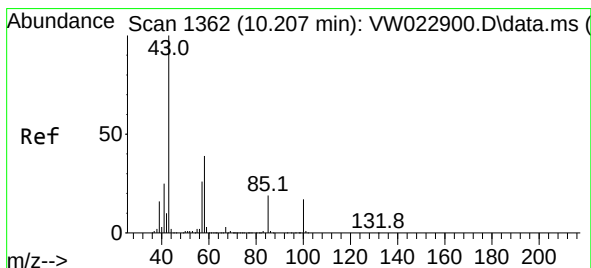
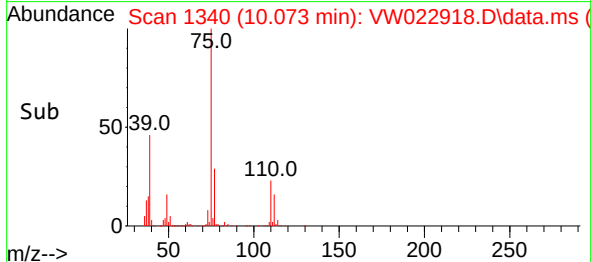
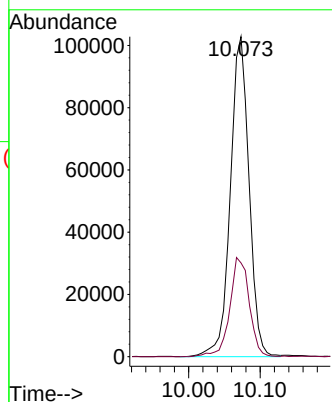
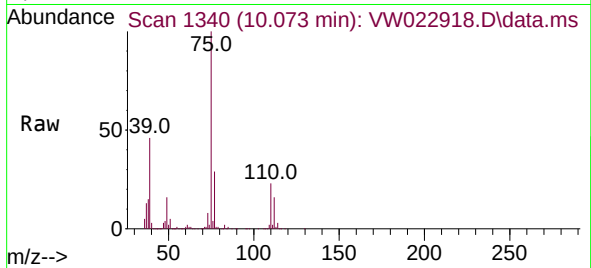




#39
 cis-1,3-Dichloropropene
 Concen: 27.012 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW022918.D
 Acq: 09 May 2022 09:07

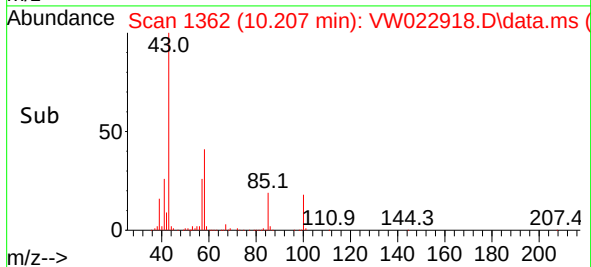
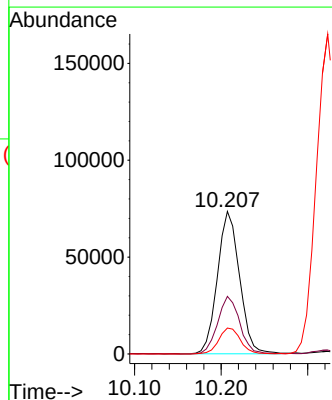
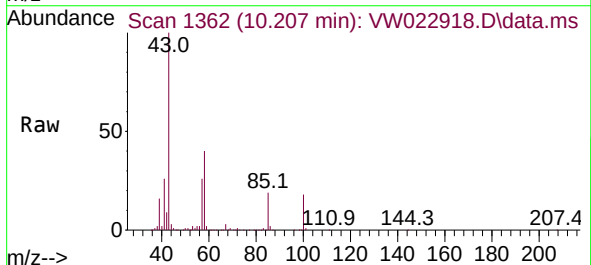
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

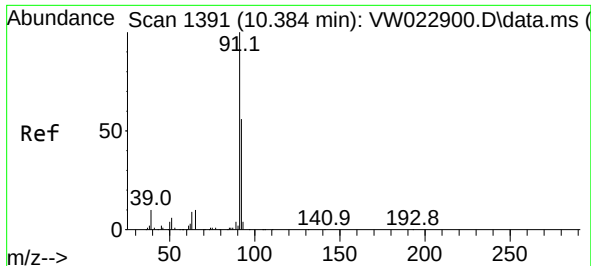
Tgt Ion: 75 Resp: 186578
 Ion Ratio Lower Upper
 75 100
 77 29.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 46.471 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW022918.D
 Acq: 09 May 2022 09:07

Tgt Ion: 43 Resp: 130480
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.4 47.2
 100 17.9 14.2 21.4

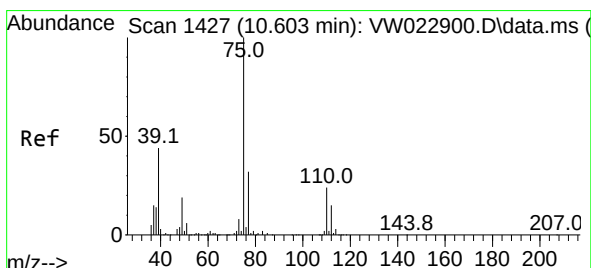
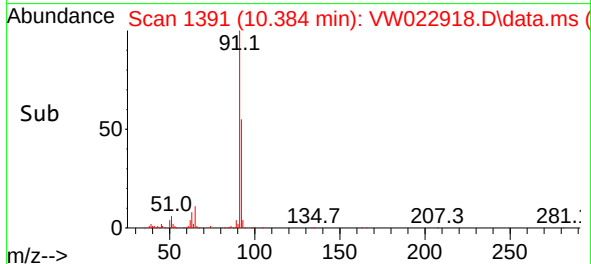
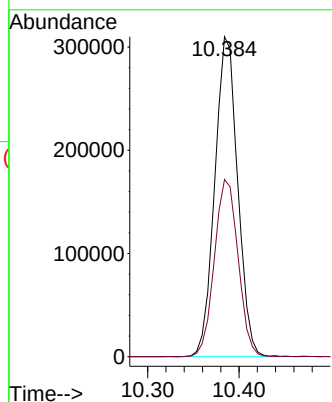
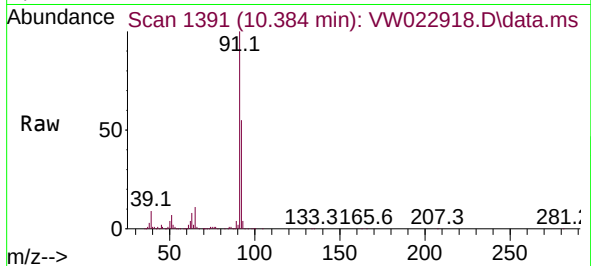




#42
Toluene
Concen: 26.164 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

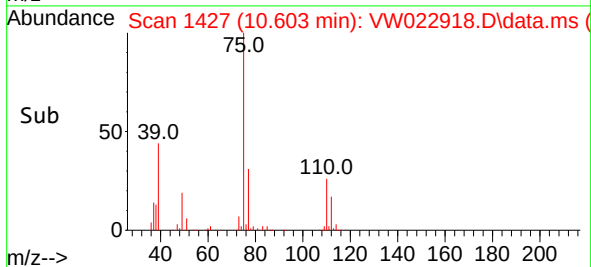
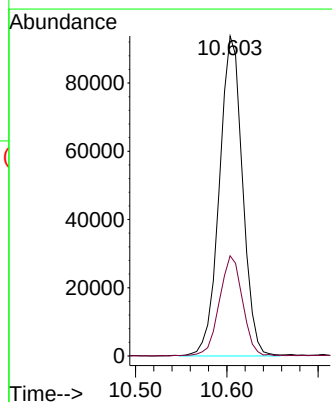
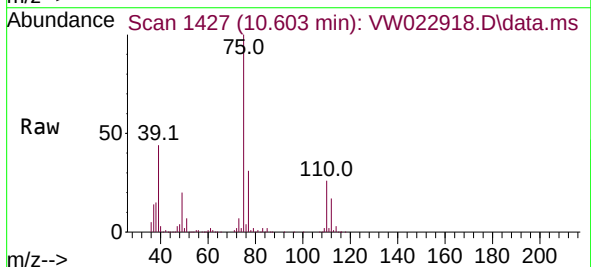
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

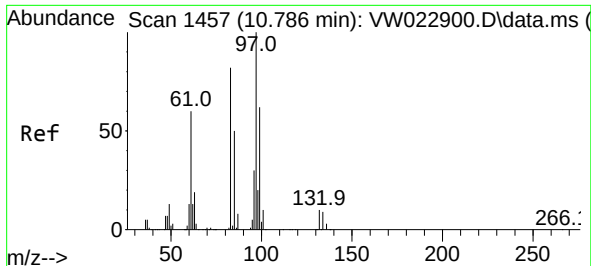
Tgt Ion: 91 Resp: 539760
Ion Ratio Lower Upper
91 100
92 55.4 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 26.856 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 75 Resp: 165574
Ion Ratio Lower Upper
75 100
77 31.3 22.0 40.8

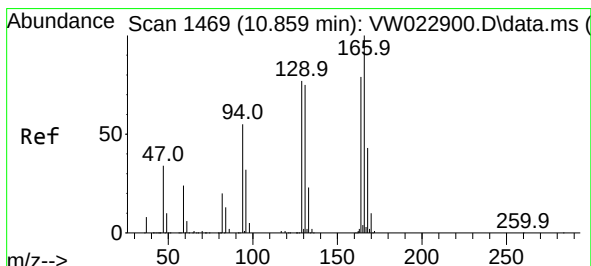
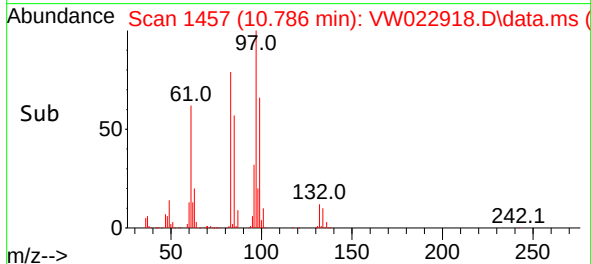
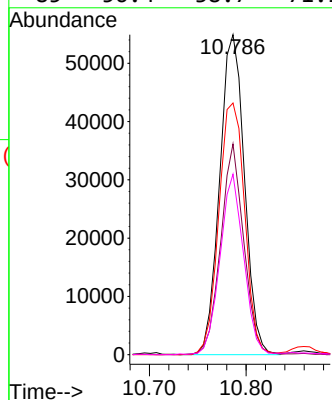
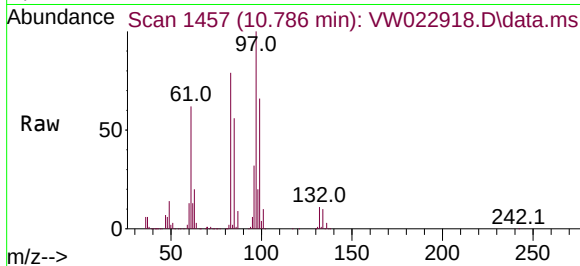




#45
1,1,2-Trichloroethane
Concen: 26.195 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

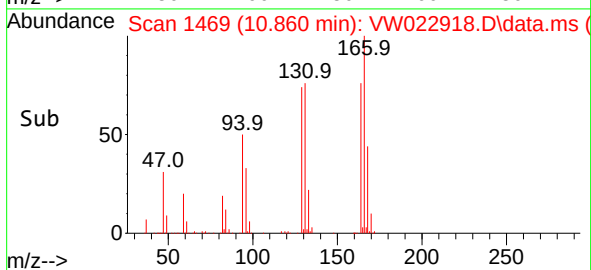
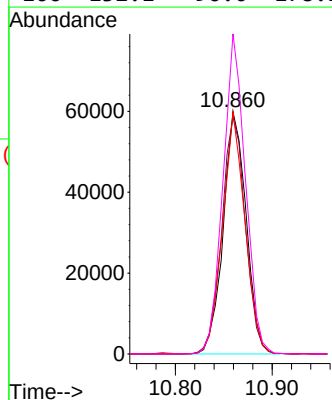
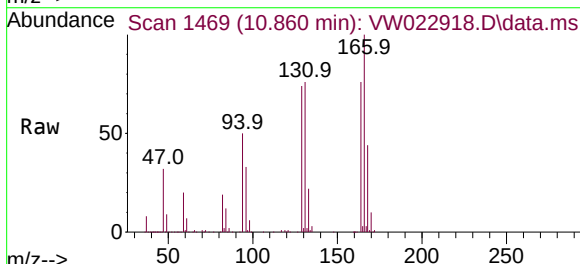
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

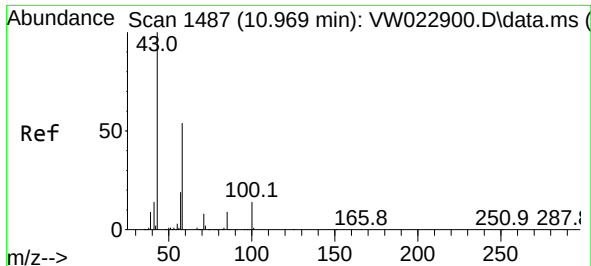
Tgt Ion:	97	Resp:	97551
Ion	Ratio	Lower	Upper
97	100		
99	65.8	44.7	82.9
83	78.7	58.4	108.4
85	56.4	38.7	71.9



#46
Tetrachloroethene
Concen: 25.940 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion:	164	Resp:	98688
Ion	Ratio	Lower	Upper
164	100		
129	97.8	76.9	142.7
131	99.8	75.1	139.5
166	132.1	96.0	178.2

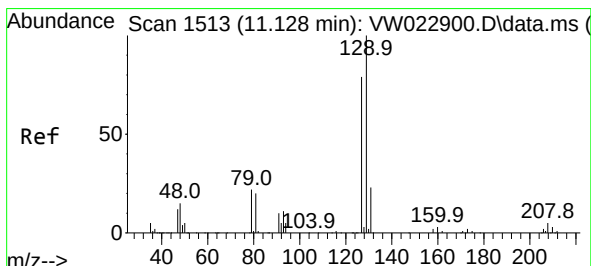
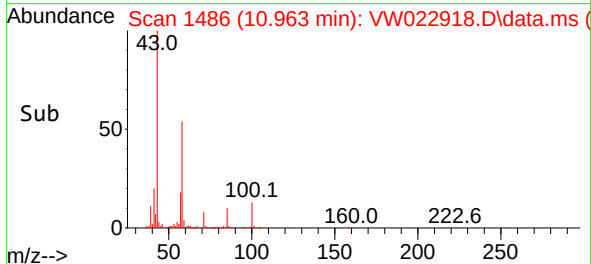
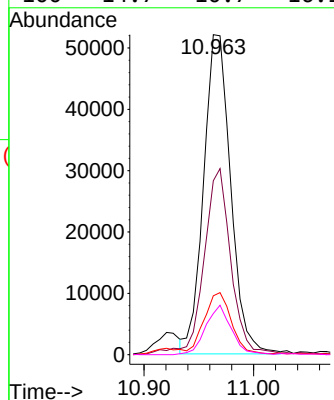
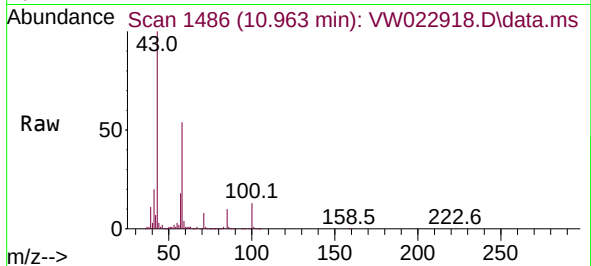




#48
2-Hexanone
Concen: 47.704 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

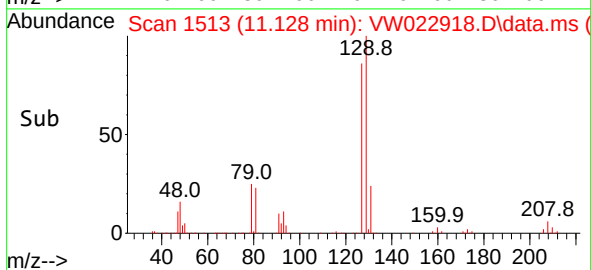
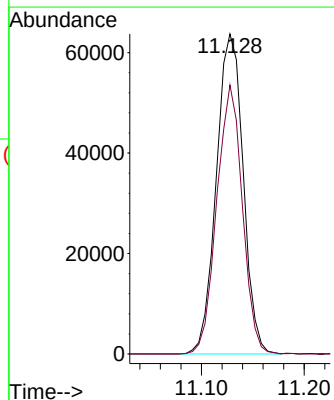
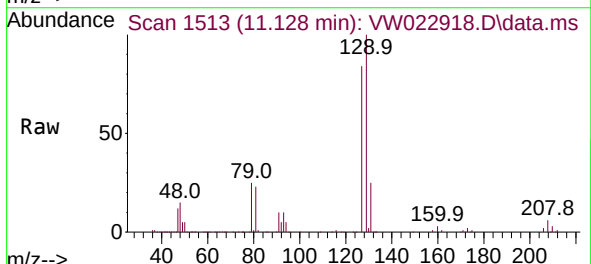
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

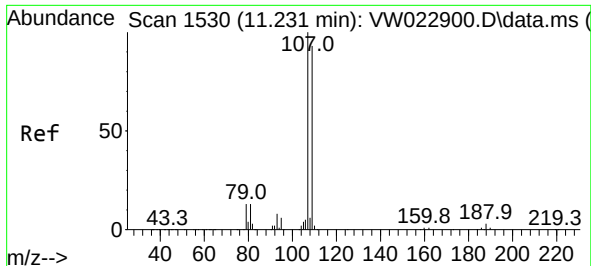
Tgt Ion: 43 Resp: 89495
Ion Ratio Lower Upper
43 100
58 52.6 45.9 68.9
57 19.6 16.2 24.2
100 14.7 10.7 16.1



#49
Dibromochloromethane
Concen: 25.730 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 129 Resp: 115324
Ion Ratio Lower Upper
129 100
127 84.0 53.8 100.0

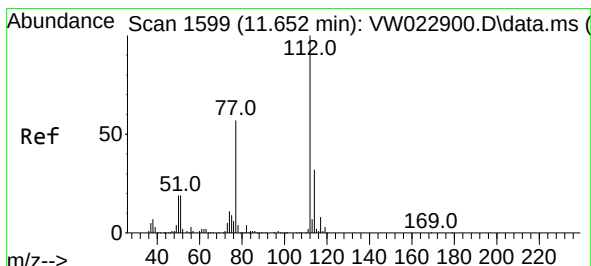
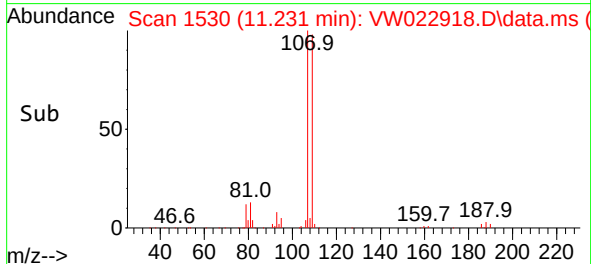
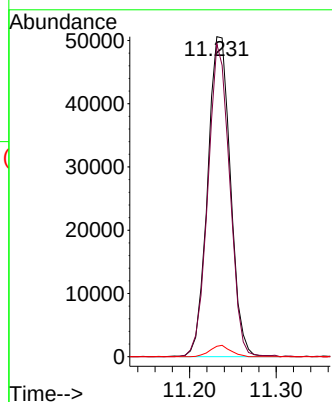
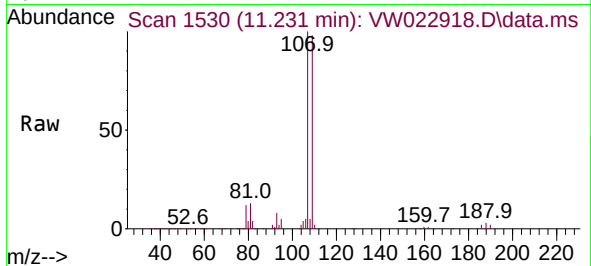




#50
1,2-Dibromoethane
Concen: 24.763 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

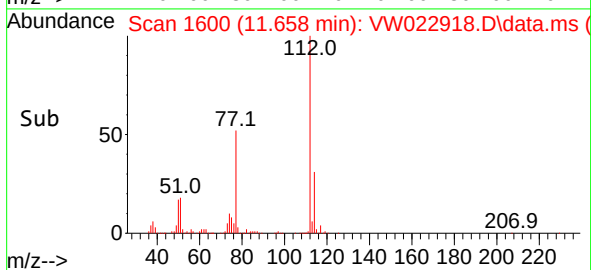
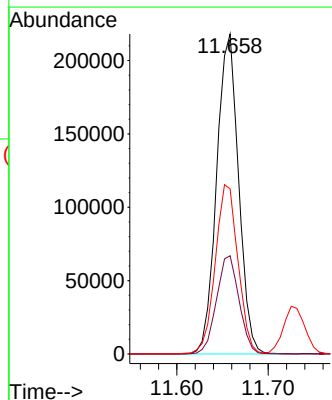
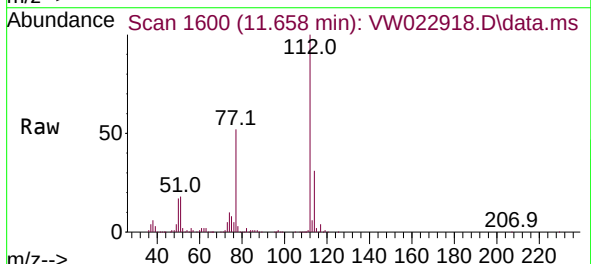
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

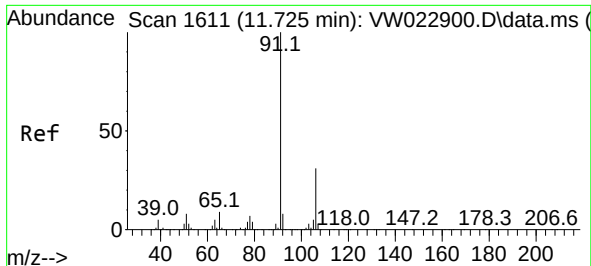
Tgt Ion:107 Resp: 92597
Ion Ratio Lower Upper
107 100
109 97.7 67.5 125.4
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 26.770 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion:112 Resp: 364085
Ion Ratio Lower Upper
112 100
114 30.7 22.0 41.0
77 51.6 42.6 63.8

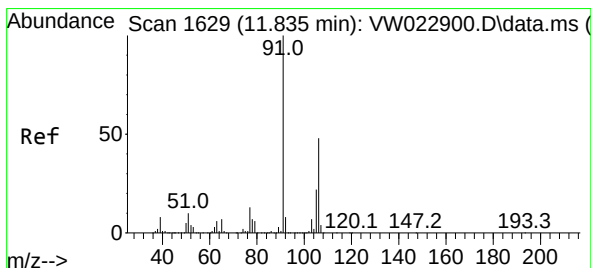
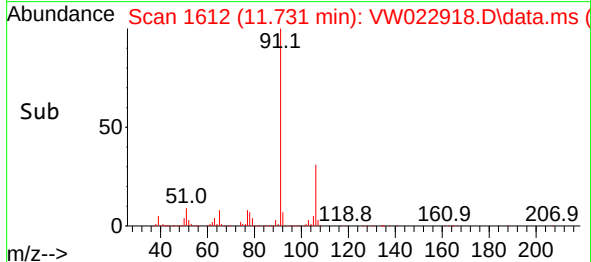
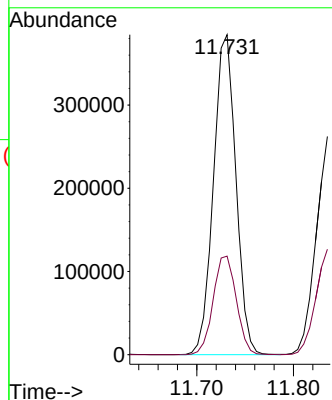
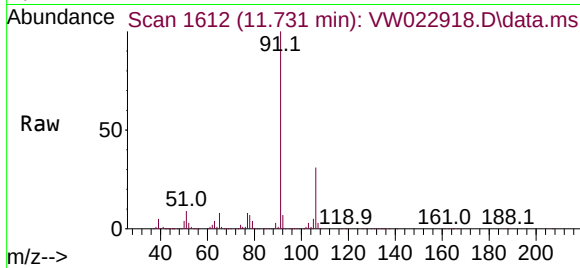




#52
Ethylbenzene
Concen: 26.984 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

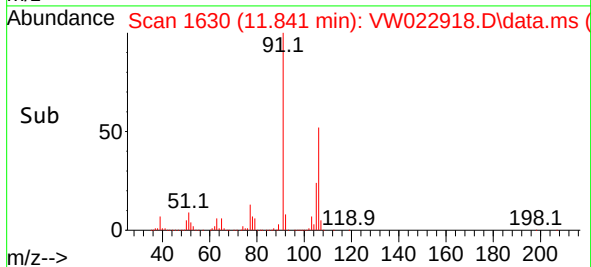
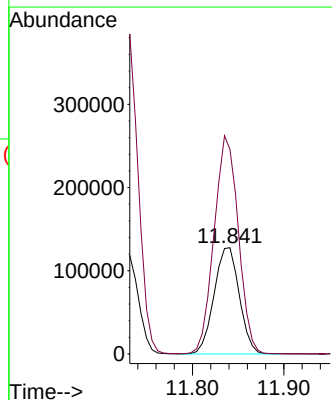
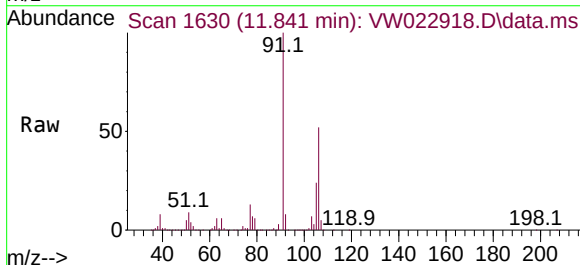
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

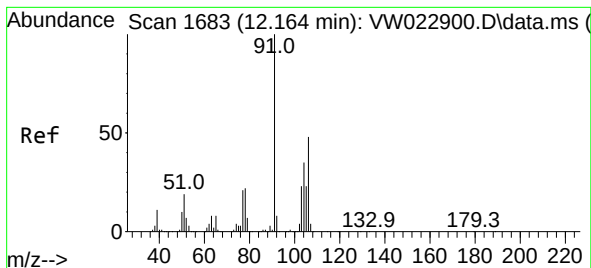
Tgt Ion: 91 Resp: 619309
Ion Ratio Lower Upper
91 100
106 30.8 22.3 41.3



#53
m,p-Xylene
Concen: 27.101 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 106 Resp: 245079
Ion Ratio Lower Upper
106 100
91 192.6 136.8 254.0





#54

o-Xylene

Concen: 27.563 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

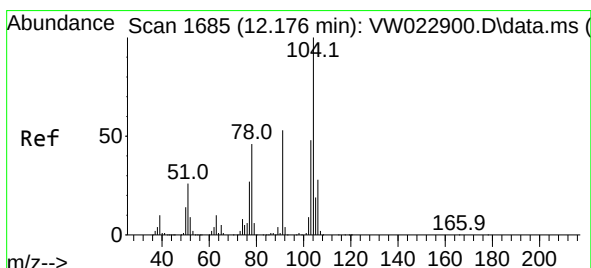
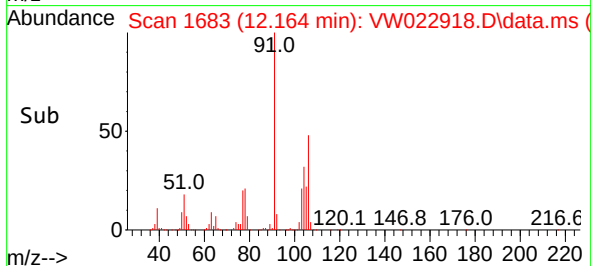
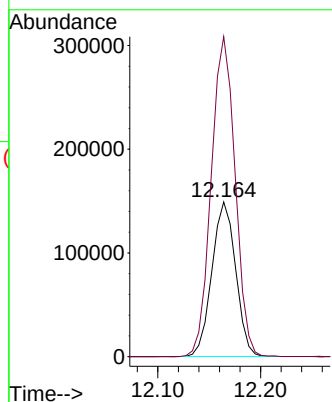
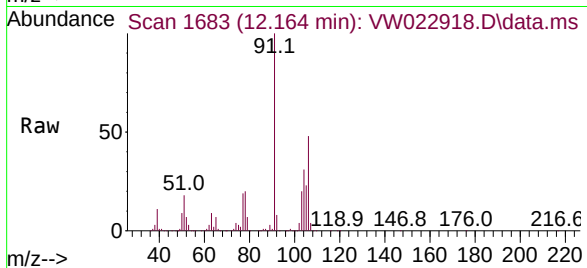
VSTD025522

Tgt Ion:106 Resp: 239197

Ion Ratio Lower Upper

106 100

91 206.9 147.2 273.4



#55

Styrene

Concen: 27.778 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022918.D

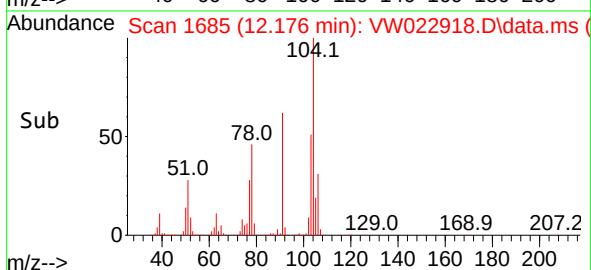
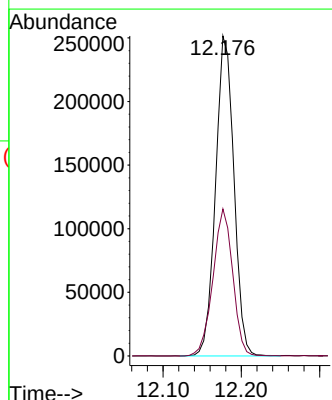
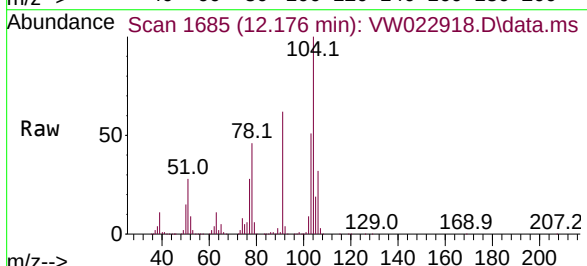
Acq: 09 May 2022 09:07

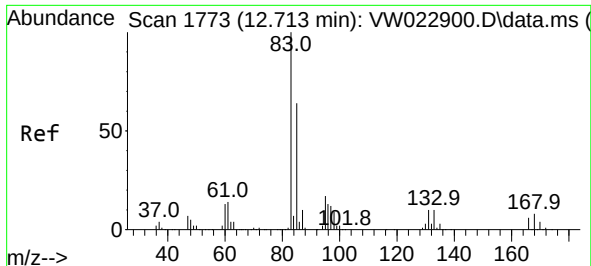
Tgt Ion:104 Resp: 409619

Ion Ratio Lower Upper

104 100

78 46.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.073 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

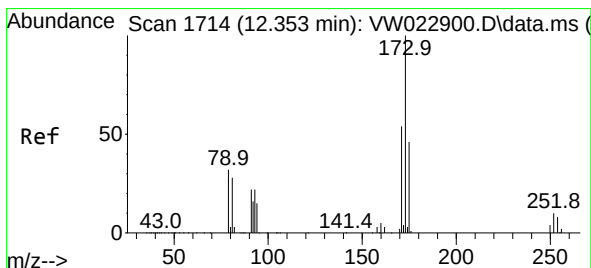
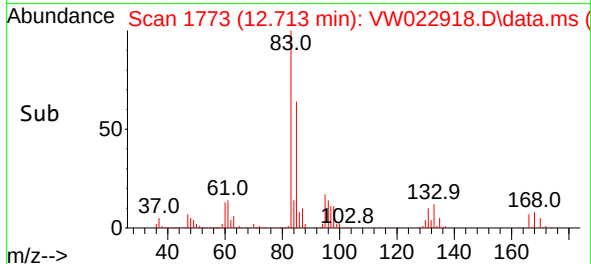
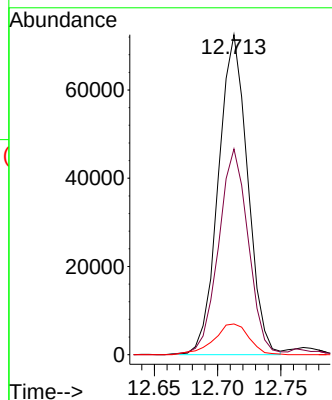
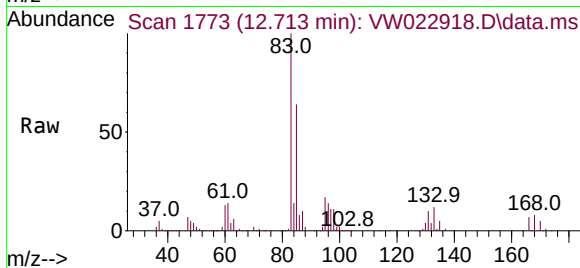
Tgt Ion: 83 Resp: 116624

Ion Ratio Lower Upper

83 100

85 64.3 47.5 88.1

131 9.6 8.7 13.1



#59

Bromoform

Concen: 24.613 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

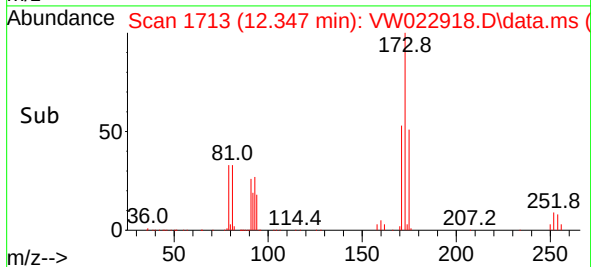
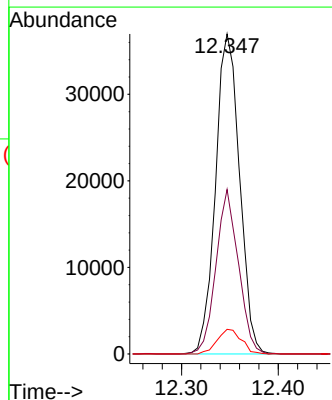
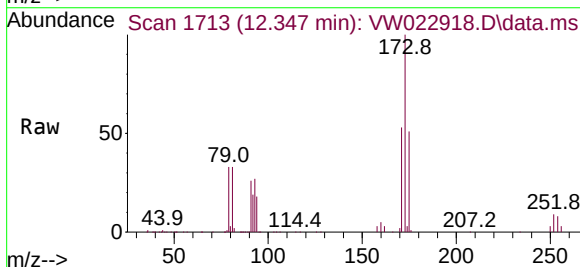
Tgt Ion: 173 Resp: 63816

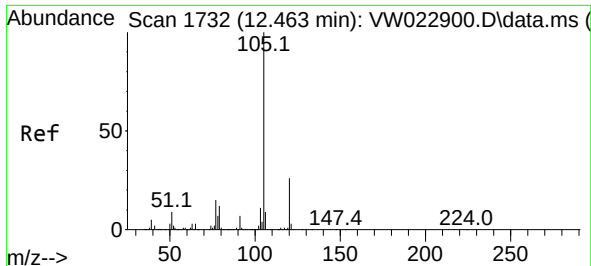
Ion Ratio Lower Upper

173 100

175 47.9 38.1 57.1

254 7.8 6.5 9.7

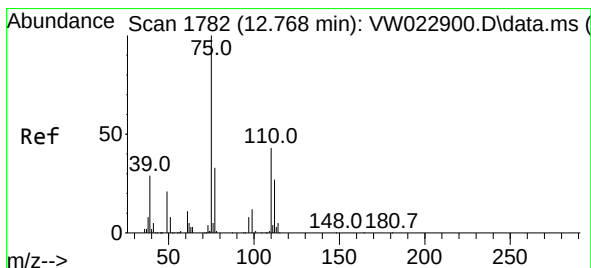
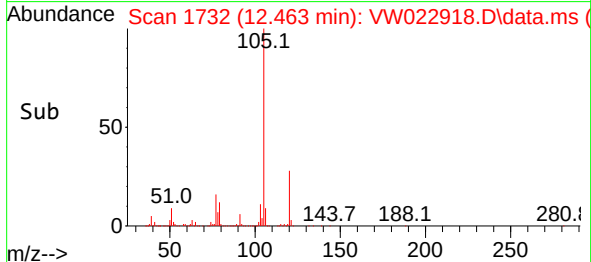
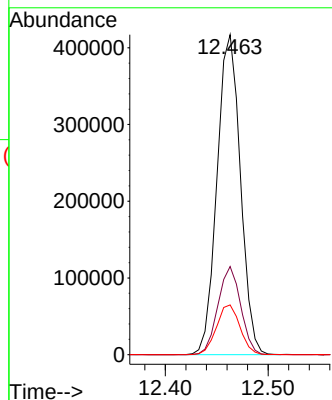
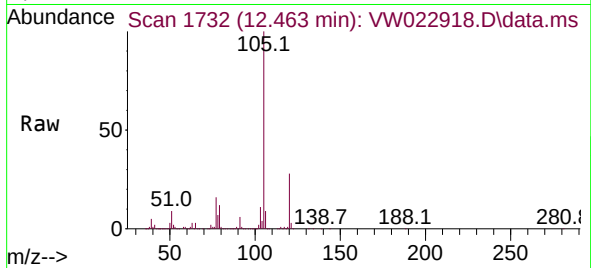




#60
Isopropylbenzene
Concen: 26.259 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

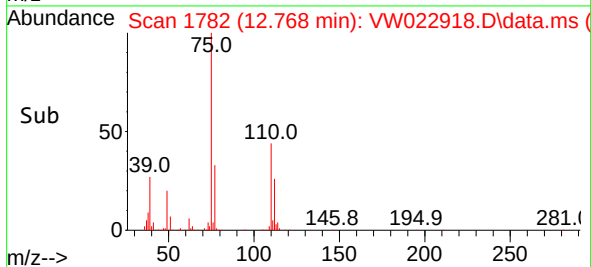
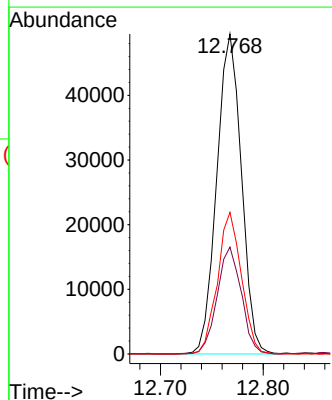
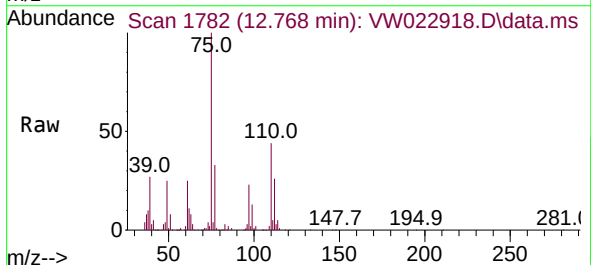
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

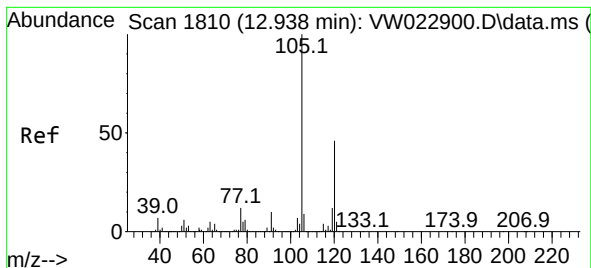
Tgt Ion:105 Resp: 658151
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 22.536 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion: 75 Resp: 82381
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 43.0 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 25.936 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

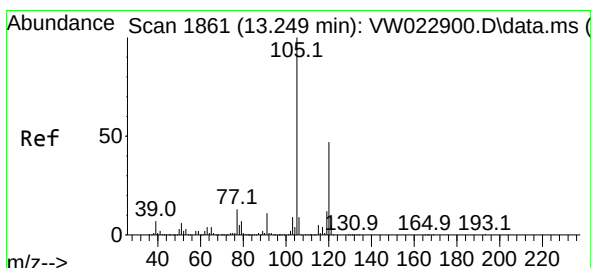
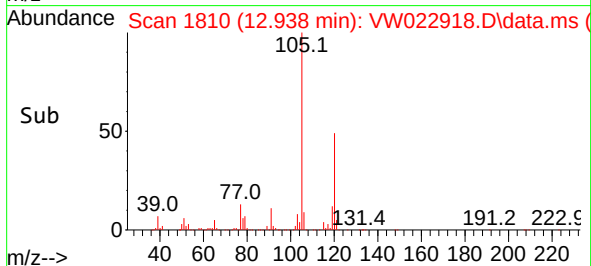
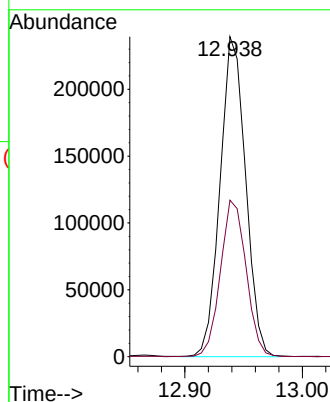
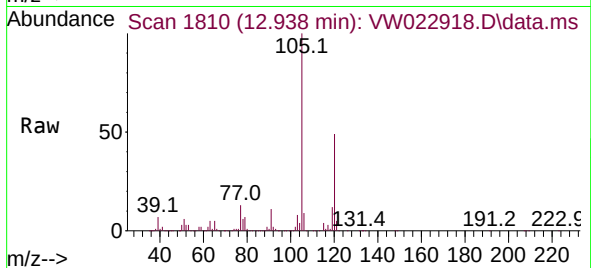
VSTD025522

Tgt Ion:105 Resp: 361656

Ion Ratio Lower Upper

105 100

120 49.2 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 26.472 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022918.D

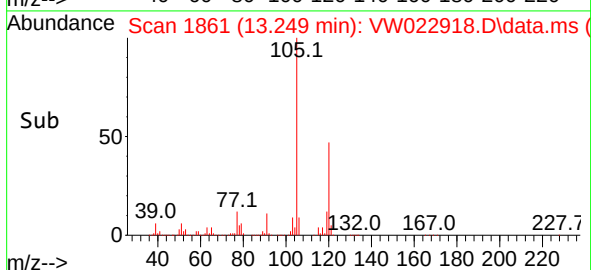
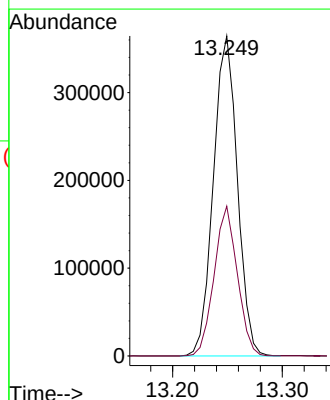
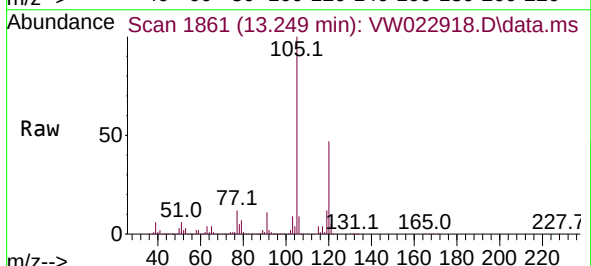
Acq: 09 May 2022 09:07

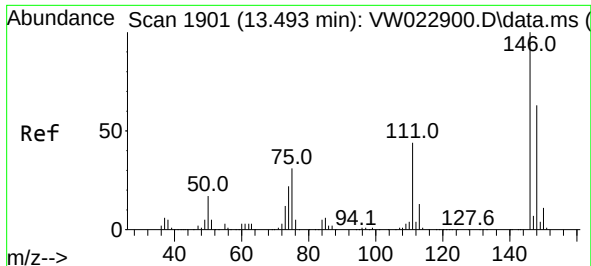
Tgt Ion:105 Resp: 554250

Ion Ratio Lower Upper

105 100

120 45.3 37.4 56.2

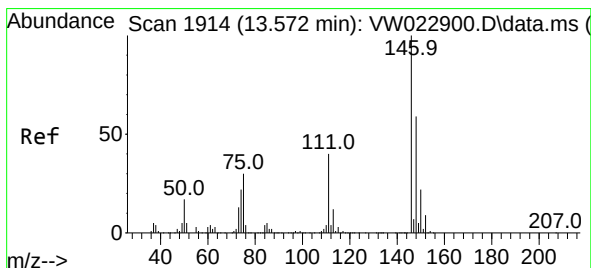
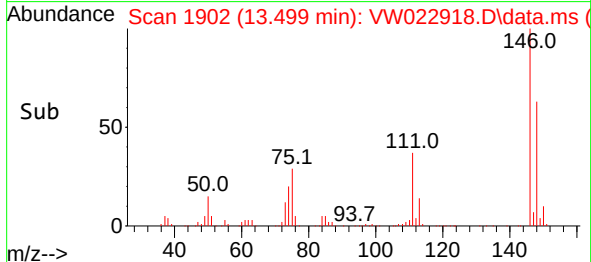
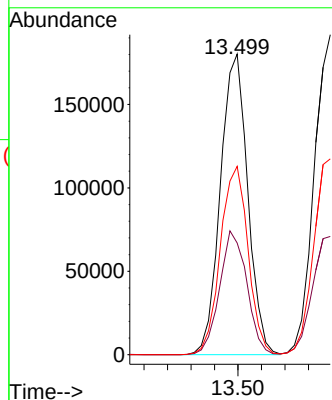
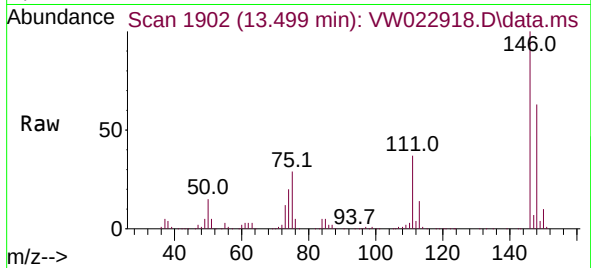




#64
1,3-Dichlorobenzene
Concen: 26.015 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

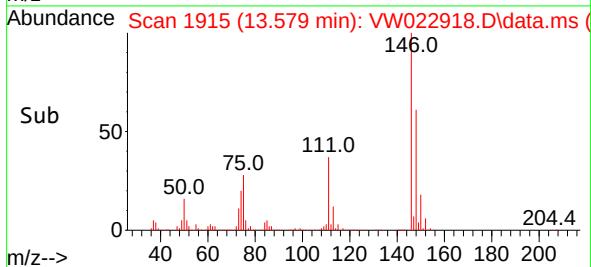
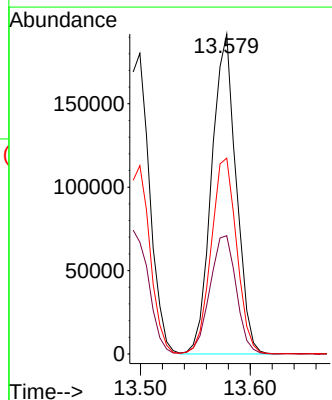
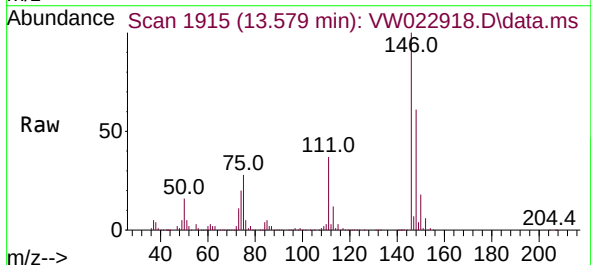
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

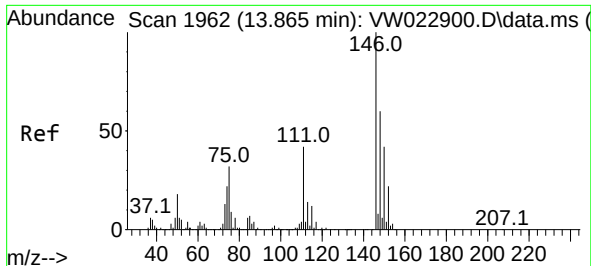
Tgt Ion:146 Resp: 291110
Ion Ratio Lower Upper
146 100
111 37.1 29.5 54.9
148 62.6 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.807 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion:146 Resp: 298290
Ion Ratio Lower Upper
146 100
111 37.0 27.2 50.4
148 61.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.767 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

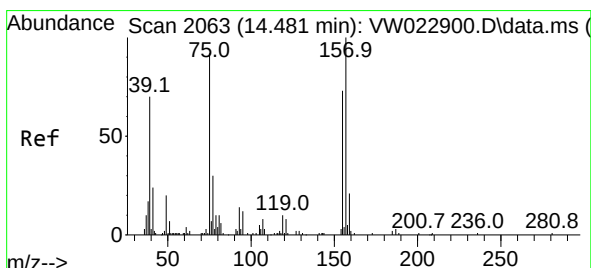
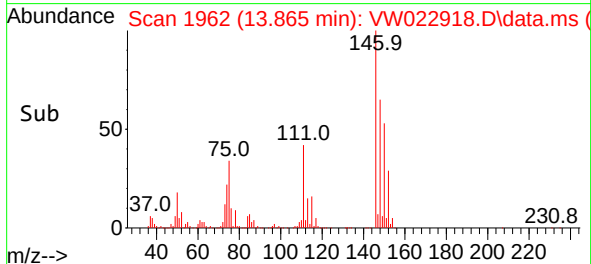
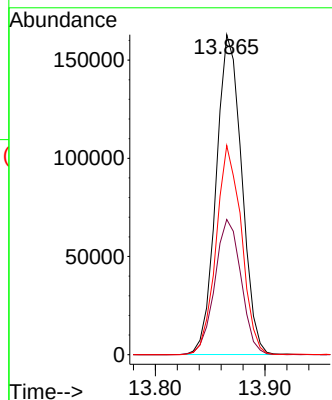
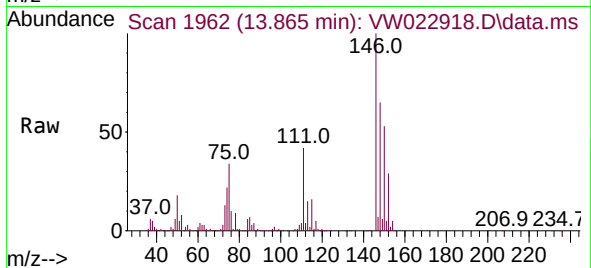
Tgt Ion:146 Resp: 263852

Ion Ratio Lower Upper

146 100

111 42.3 35.7 53.5

148 65.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.982 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

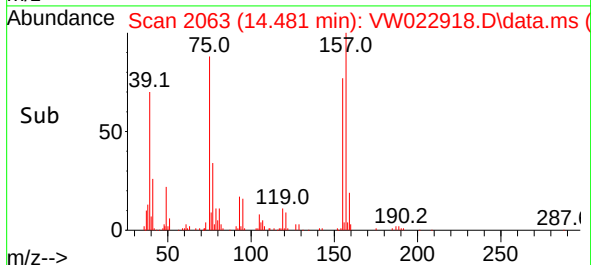
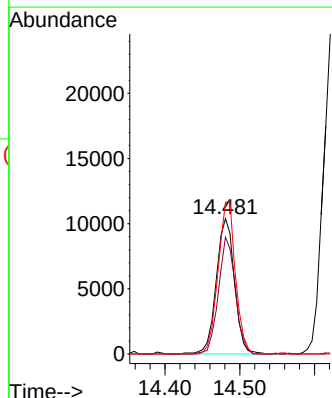
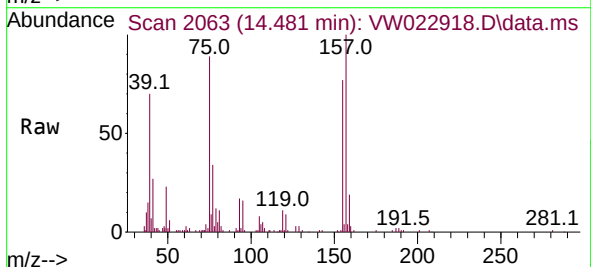
Tgt Ion: 75 Resp: 17562

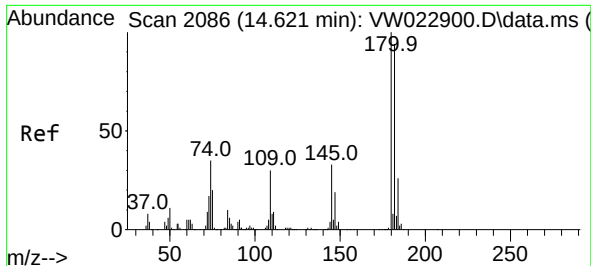
Ion Ratio Lower Upper

75 100

155 86.4 59.3 88.9

157 111.9 89.8 134.8

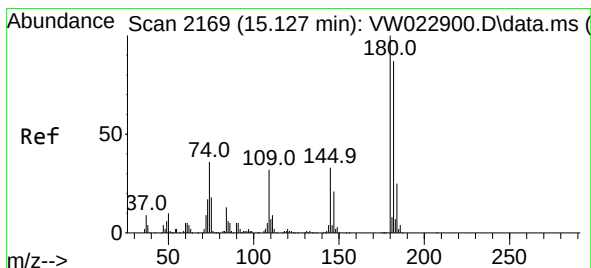
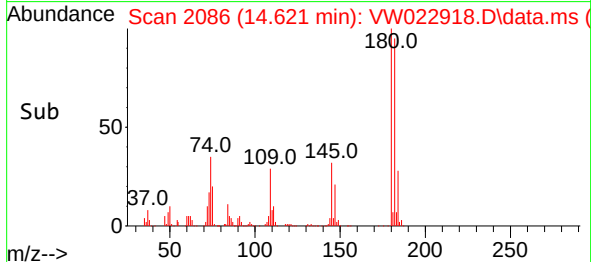
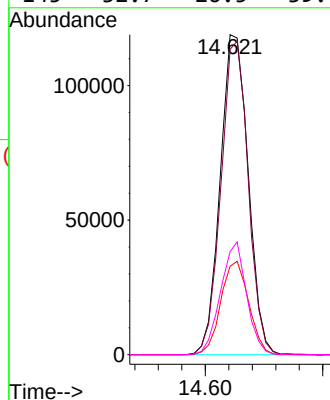
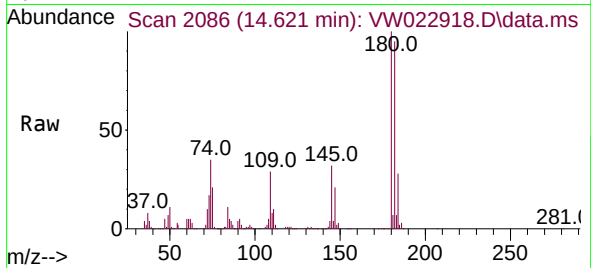




#69
1,3,5-Trichlorobenzene
Concen: 26.453 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

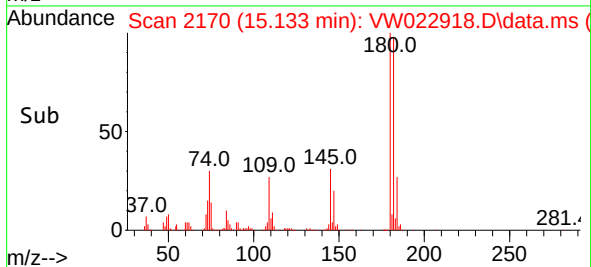
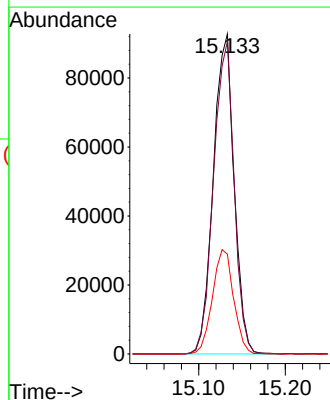
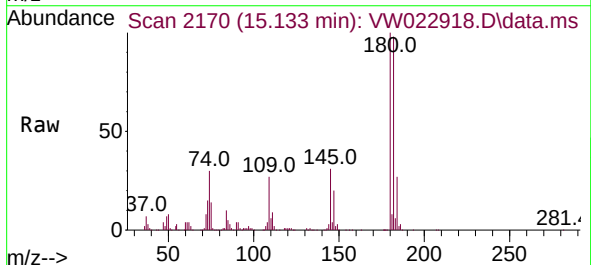
Instrument :
MSVOA_W
ClientSampleId :
VSTD025522

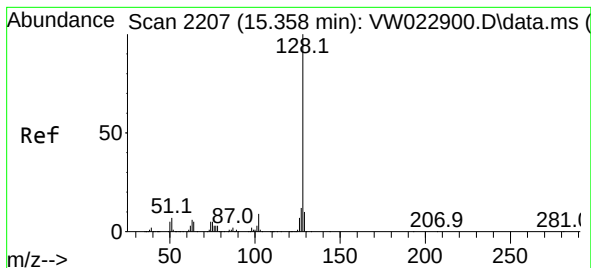
Tgt Ion:180	Resp:	196491
Ion Ratio	Lower	Upper
180	100	
182	95.3	74.8 112.2
184	29.2	23.4 35.2
145	32.7	26.5 39.7



#70
1,2,4-trichlorobenzene
Concen: 25.842 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW022918.D
Acq: 09 May 2022 09:07

Tgt Ion:180	Resp:	154413
Ion Ratio	Lower	Upper
180	100	
182	96.7	74.9 112.3
145	33.2	26.6 39.8





#71

Naphthalene

Concen: 24.641 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025522

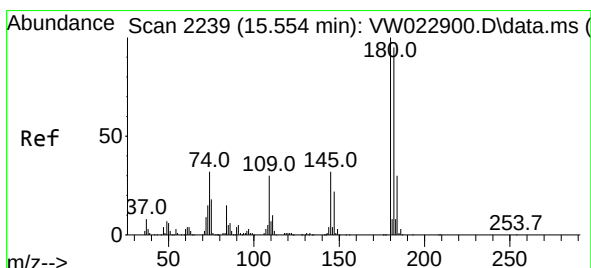
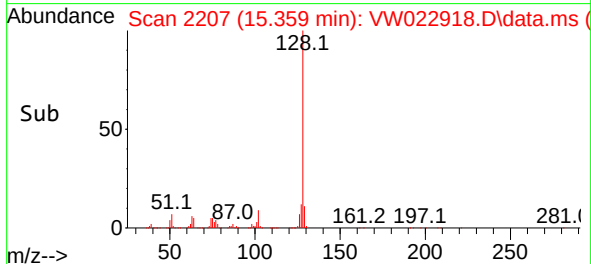
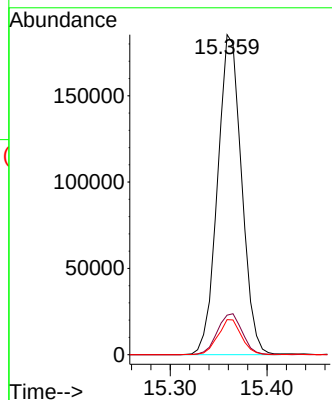
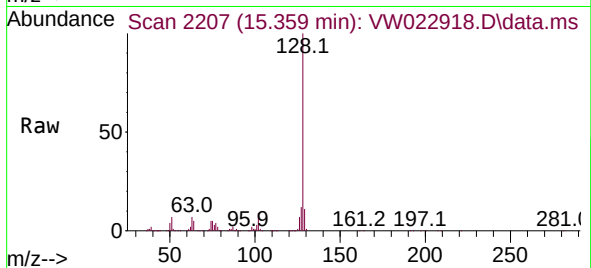
Tgt Ion:128 Resp: 320006

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 25.505 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW022918.D

Acq: 09 May 2022 09:07

Tgt Ion:180 Resp: 135071

Ion Ratio Lower Upper

180 100

182 93.7 73.5 110.3

145 35.7 27.9 41.9

