

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022881.D
 Acq On : 18 Oct 2021 21:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

Quant Time: Oct 19 01:46:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131889	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45701	5.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.800%
7) Chloroethane-d5	1.565	69	36247	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.108	63	77459	4.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.889	46	103070	43.744	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.480%
24) Chloroform-d	4.352	84	96706	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.034	65	42962	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.053	84	186920	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.069	67	57373	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.317	98	178386	5.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.625	79	18999	4.926	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.088	63	86208	55.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41814	5.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	66209	4.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	46940	4.931	ug/L	99
3) Chloromethane	1.240	50	48934	5.115	ug/L	99
5) Vinyl chloride	1.311	62	51355	5.195	ug/L	99
6) Bromomethane	1.520	94	24955	4.050	ug/L	100
8) Chloroethane	1.584	64	25757	4.211	ug/L	98
9) Trichlorofluoromethane	1.751	101	66795	4.613	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	38315	4.549	ug/L	96
12) 1,1-Dichloroethene	2.118	96	35843	4.543	ug/L	89
13) Acetone	2.179	43	60527	46.067	ug/L #	40
14) Carbon disulfide	2.294	76	120683	5.443	ug/L	100
15) Methyl Acetate	2.436	43	16382	4.358	ug/L	99
16) Methylene chloride	2.507	84	50563	4.656	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	90083	4.719	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	44773	5.218	ug/L	96
19) 1,1-Dichloroethane	3.191	63	83010	5.372	ug/L	98
21) 2-Butanone	3.973	43	93256	43.349	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	47166	5.235	ug/L	97
23) Bromochloromethane	4.253	128	21495	5.370	ug/L	97
25) Chloroform	4.378	83	85701	4.784	ug/L	99

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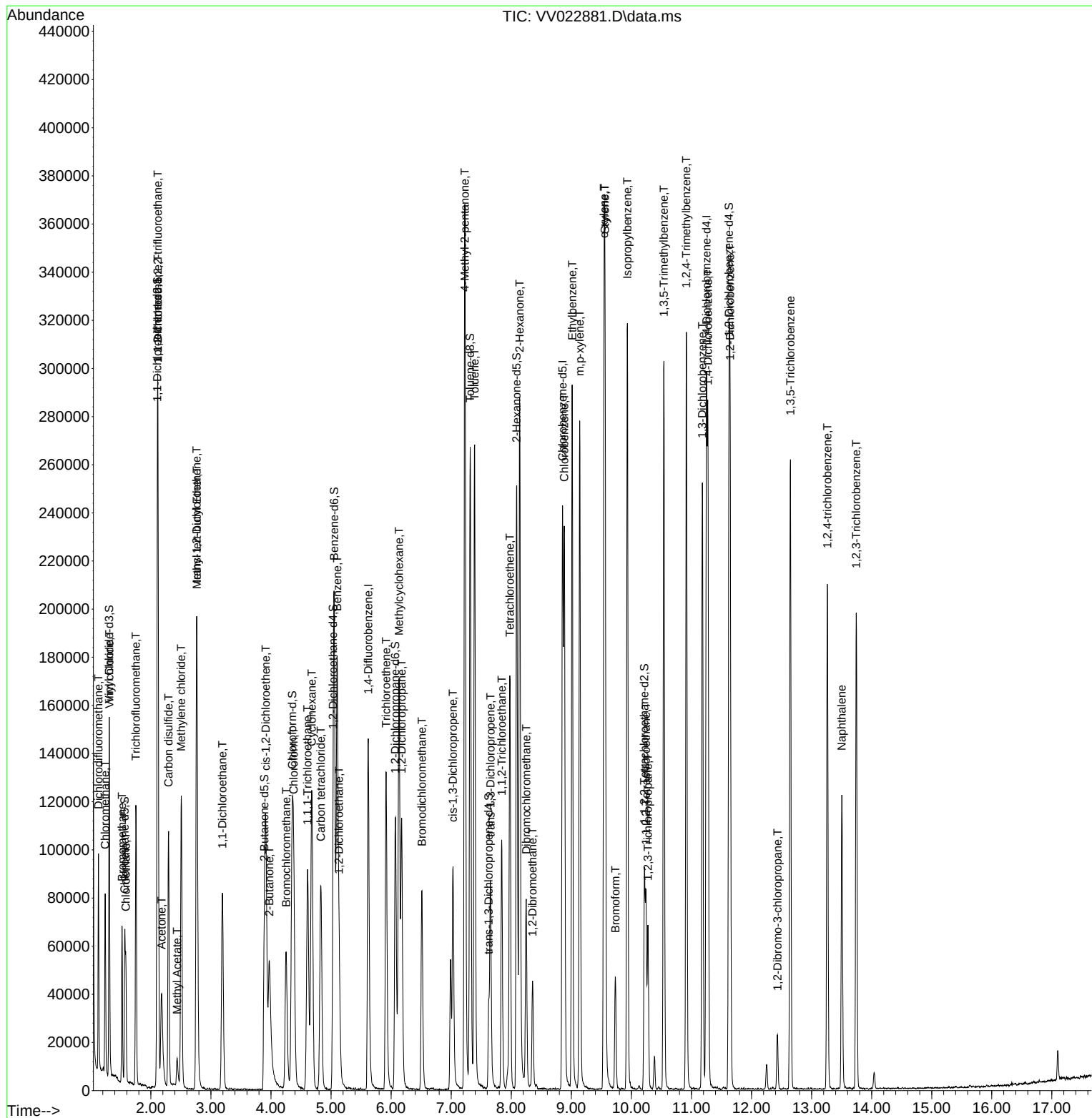
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45222	5.058	ug/L	94
29) 1,1,1-Trichloroethane	4.609	97	74216	4.928	ug/L	99
30) Cyclohexane	4.680	56	62033	4.464	ug/L	99
31) Carbon tetrachloride	4.828	117	65027	4.974	ug/L	99
33) Benzene	5.101	78	181952	5.122	ug/L	100
34) Trichloroethene	5.918	95	46574	4.822	ug/L	98
35) Methylcyclohexane	6.133	83	67431	4.983	ug/L	96
37) 1,2-Dichloropropane	6.175	63	47039	5.506	ug/L	99
38) Bromodichloromethane	6.513	83	56387	5.357	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	56140	4.964	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	239765	52.233	ug/L	99
42) Toluene	7.391	91	198135	5.494	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	51050	5.537	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	32961	5.199	ug/L	97
47) Tetrachloroethene	7.979	164	39924	5.111	ug/L	99
48) 2-Hexanone	8.140	43	177213	52.800	ug/L	97
49) Dibromochloromethane	8.249	129	39985	5.388	ug/L	93
50) 1,2-Dibromoethane	8.355	107	30630	5.174	ug/L	96
51) Chlorobenzene	8.883	112	125977	5.317	ug/L	98
52) Ethylbenzene	9.014	91	196676	5.372	ug/L	100
53) m,p-xylene	9.140	106	78640	5.473	ug/L	100
54) o-xylene	9.545	106	74858	5.538	ug/L	94
55) Styrene	9.561	104	132794	5.702	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	37349	5.823	ug/L	98
59) Bromoform	9.735	173	21588	5.217	ug/L	99
60) Isopropylbenzene	9.934	105	200464	5.342	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26403	5.144	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	160639	5.298	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	165129	5.443	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	105681	5.366	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	106993	5.350	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	98079	5.309	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5535	5.925	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.648	180	82279	5.546	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	65053	5.740	ug/L	100
71) Naphthalene	13.503	128	99035	5.498	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60521	5.663	ug/L	99

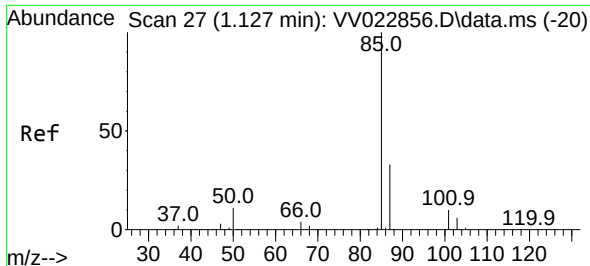
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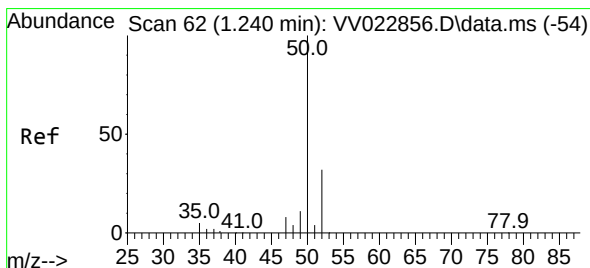
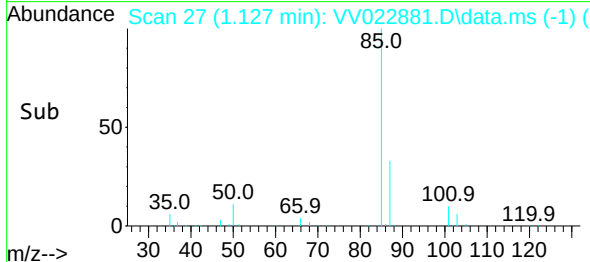
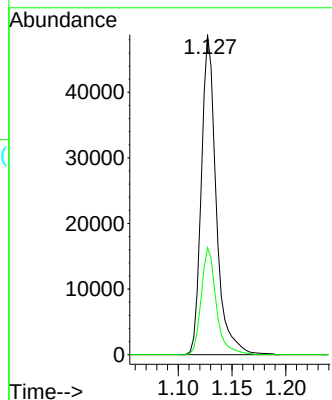
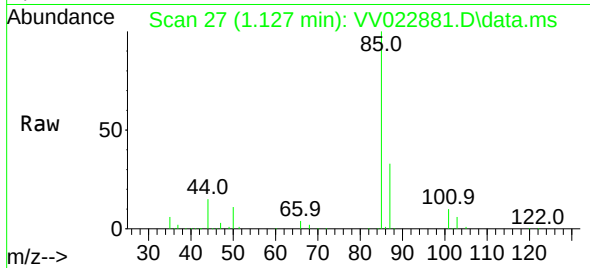




#2
 Dichlorodifluoromethane
 Concen: 4.931 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022881.D
 Acq: 18 Oct 2021 21:03

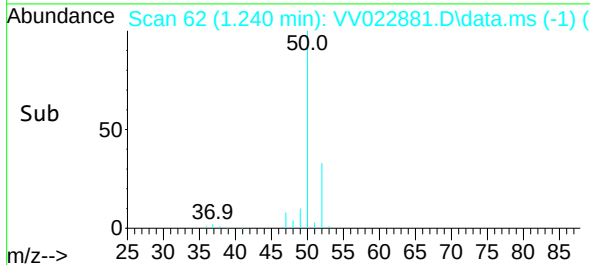
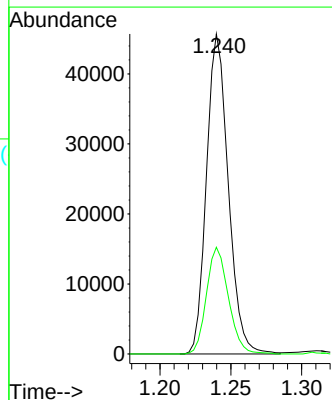
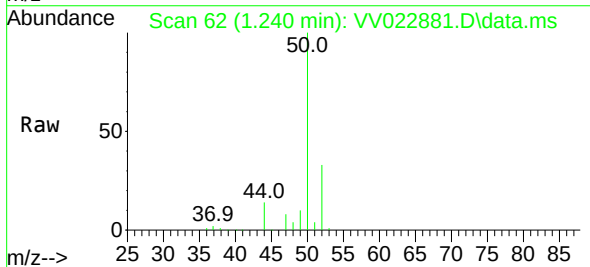
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

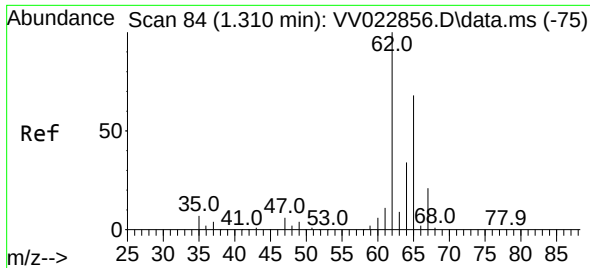
Tgt Ion: 85 Resp: 46940
 Ion Ratio Lower Upper
 85 100
 87 33.7 26.3 39.5



#3
 Chloromethane
 Concen: 5.115 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022881.D
 Acq: 18 Oct 2021 21:03

Tgt Ion: 50 Resp: 48934
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.9 42.5

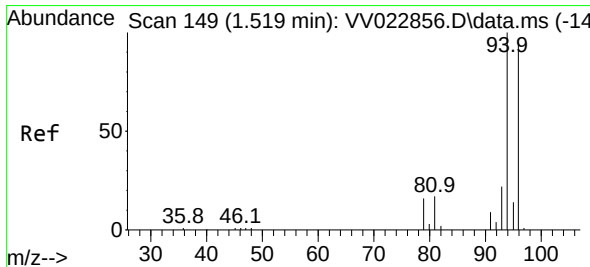
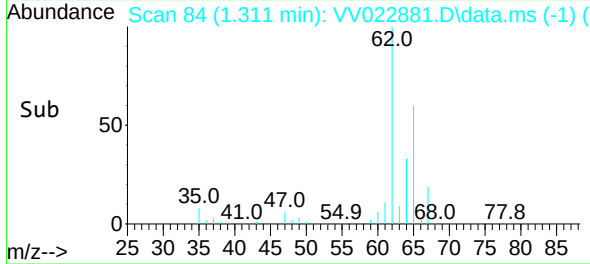
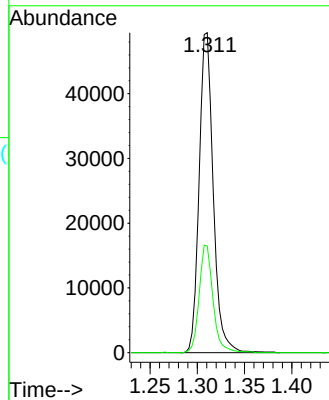
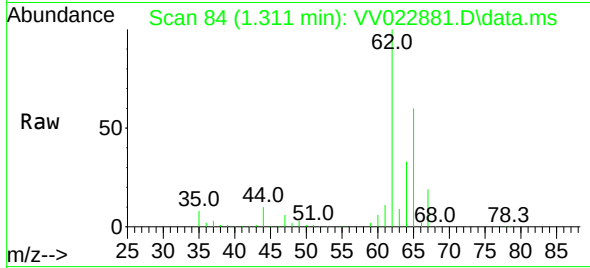




#5
 Vinyl chloride
 Concen: 5.195 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV022881.D
 Acq: 18 Oct 2021 21:03

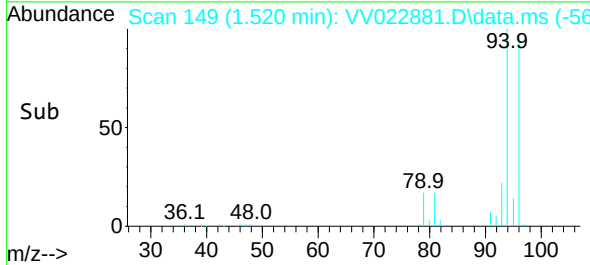
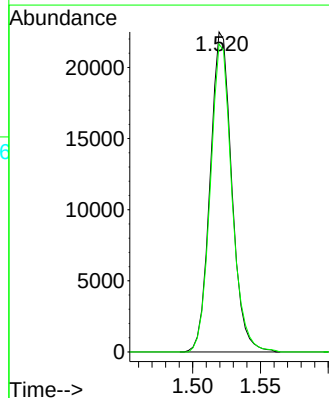
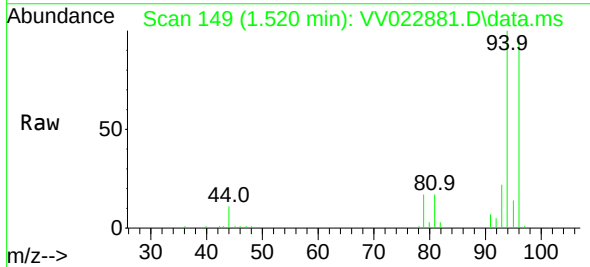
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

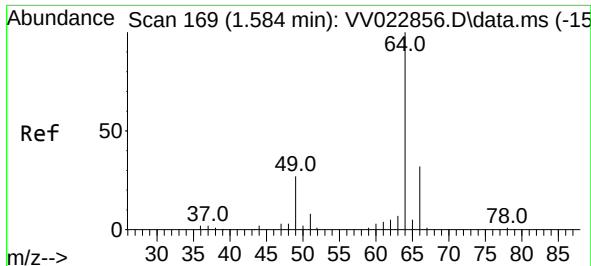
Tgt Ion: 62 Resp: 51355
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.0 42.8



#6
 Bromomethane
 Concen: 4.050 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV022881.D
 Acq: 18 Oct 2021 21:03

Tgt Ion: 94 Resp: 24955
 Ion Ratio Lower Upper
 94 100
 96 96.2 67.2 124.8

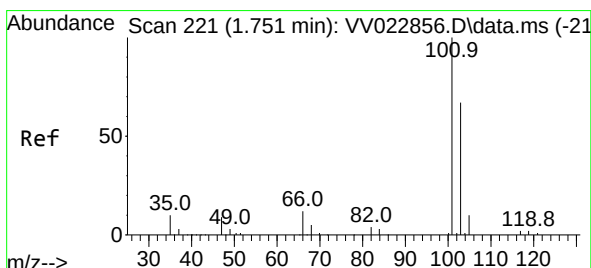
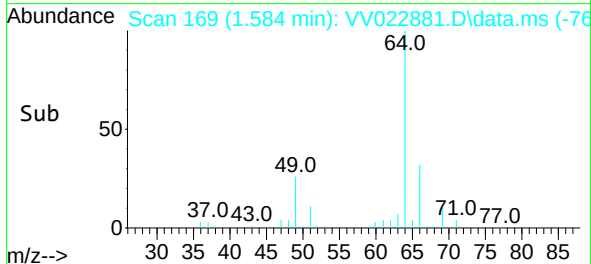
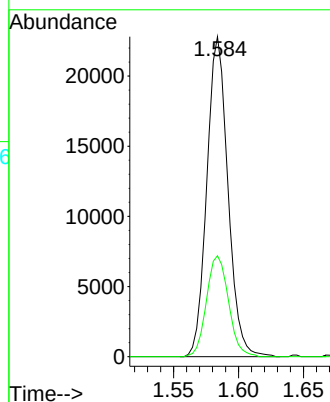
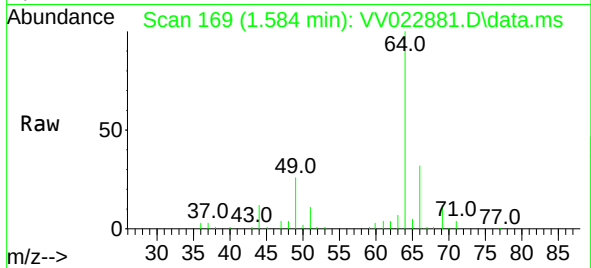




#8
Chloroethane
Concen: 4.211 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

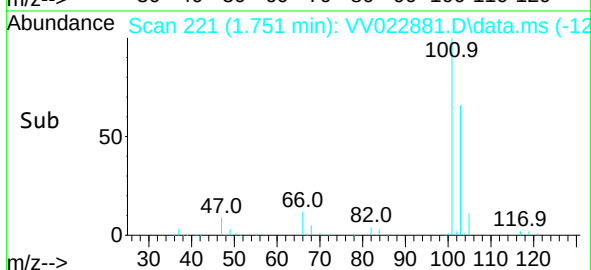
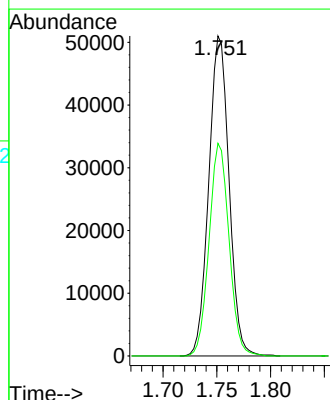
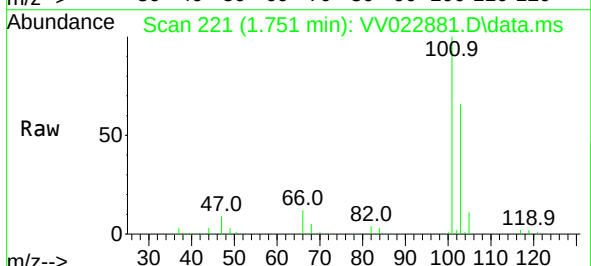
Instrument :
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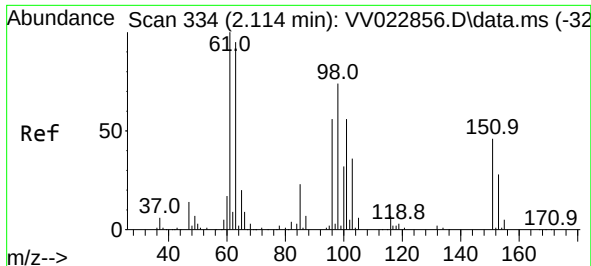
Tgt Ion: 64 Resp: 25757
Ion Ratio Lower Upper
64 100
66 31.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.613 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 101 Resp: 66795
Ion Ratio Lower Upper
101 100
103 65.4 50.3 75.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.549 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022881.D

Acq: 18 Oct 2021 21:03

Tgt Ion:101 Resp: 38315

Ion Ratio Lower Upper

101 100

85 44.0 34.6 52.0

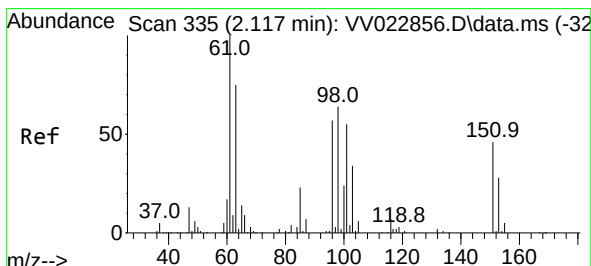
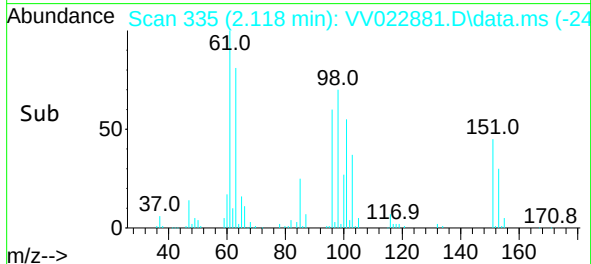
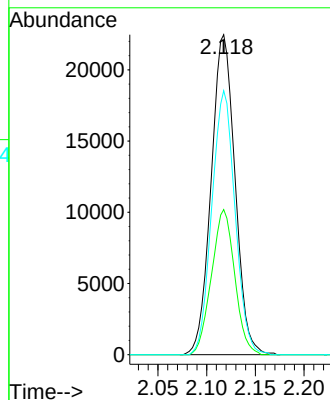
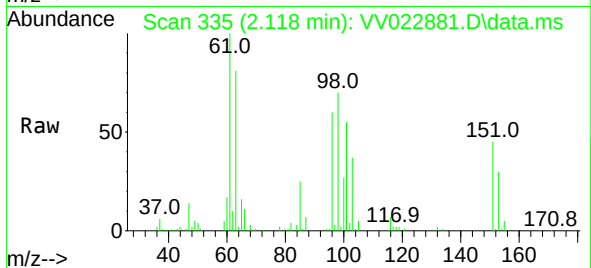
151 80.3 60.9 91.3

Instrument :

MSVOA_V

ClientSampleId :

VSTD005315



#12

1,1-Dichloroethene

Concen: 4.543 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV022881.D

Acq: 18 Oct 2021 21:03

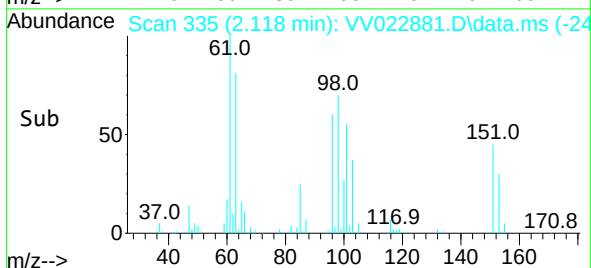
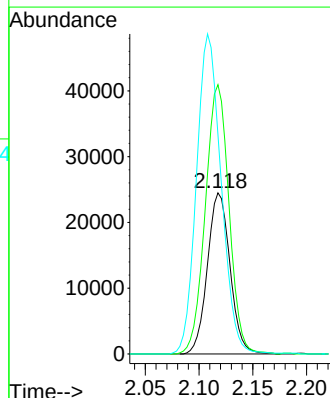
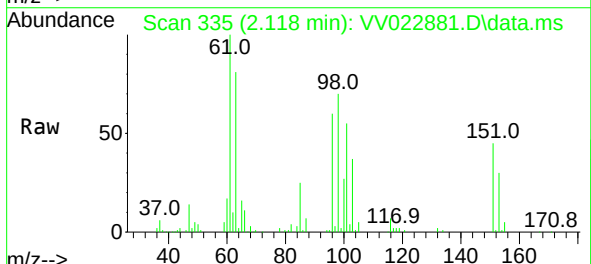
Tgt Ion: 96 Resp: 35843

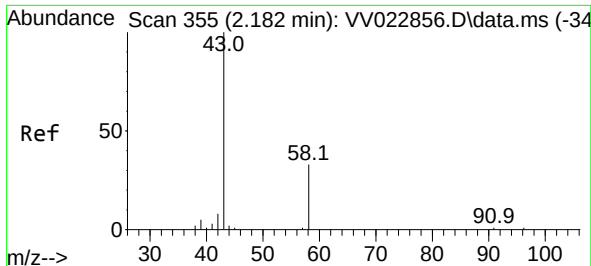
Ion Ratio Lower Upper

96 100

61 167.2 127.3 236.5

63 136.1 106.2 197.2

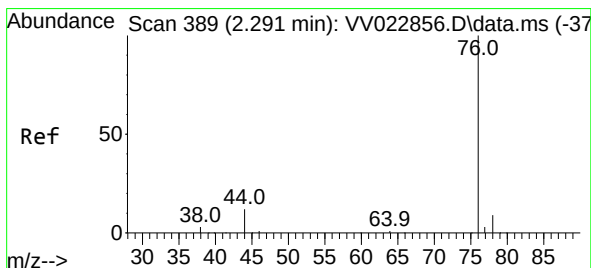
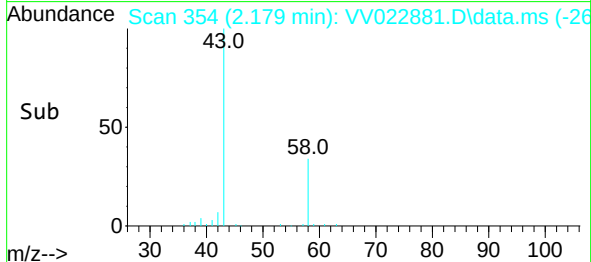
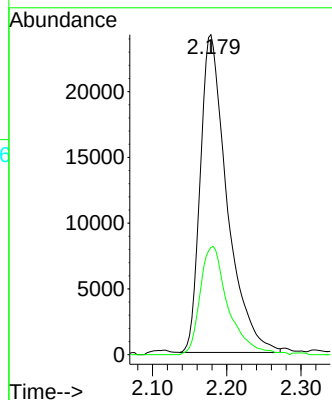
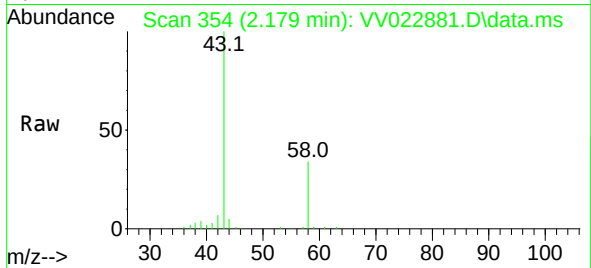




#13
Acetone
Concen: 46.067 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

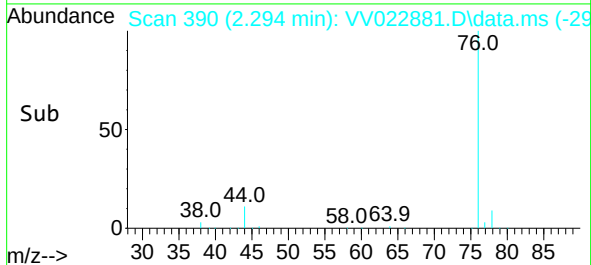
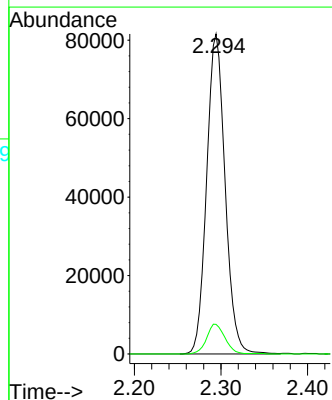
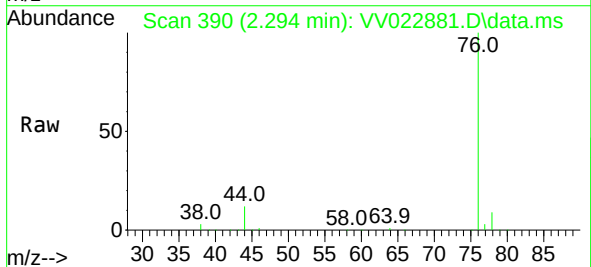
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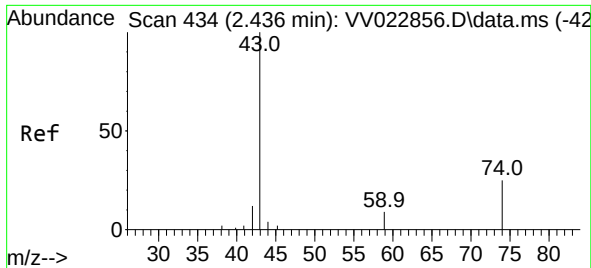
Tgt Ion: 43 Resp: 60527
Ion Ratio Lower Upper
43 100
58 35.5 0.0 24.2#



#14
Carbon disulfide
Concen: 5.443 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 76 Resp: 120683
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

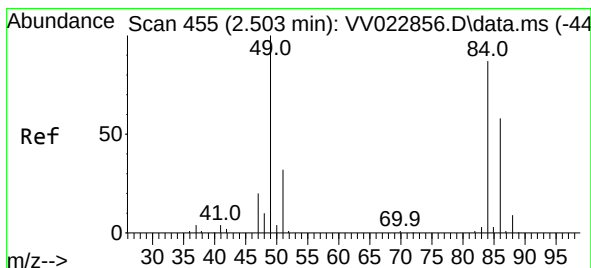
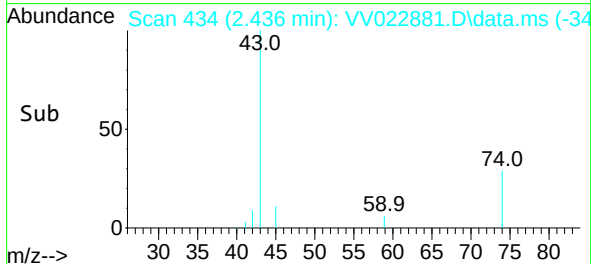
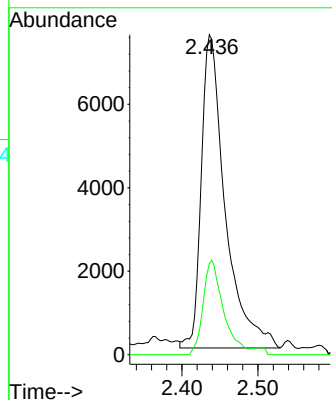
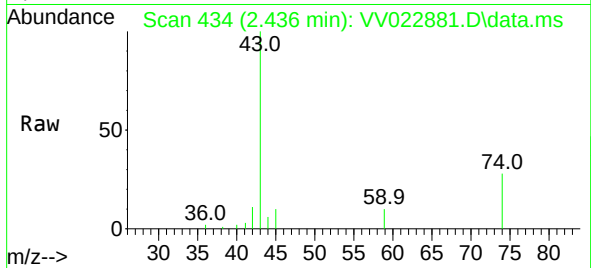




#15
Methyl Acetate
Concen: 4.358 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

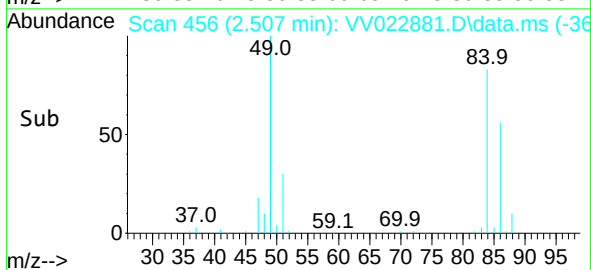
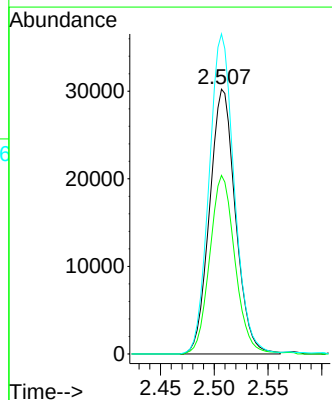
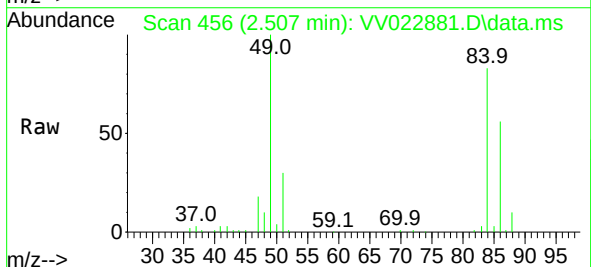
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

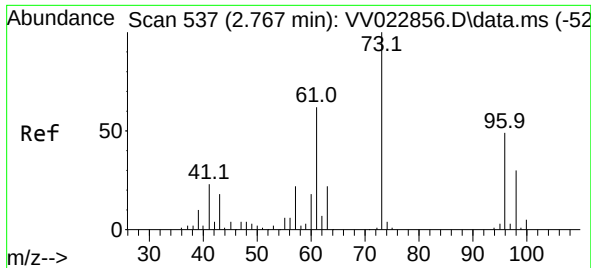
Tgt Ion: 43 Resp: 16382
Ion Ratio Lower Upper
43 100
74 25.5 19.9 29.9



#16
Methylene chloride
Concen: 4.656 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 84 Resp: 50563
Ion Ratio Lower Upper
84 100
86 67.4 45.8 85.2
49 120.8 90.3 167.7

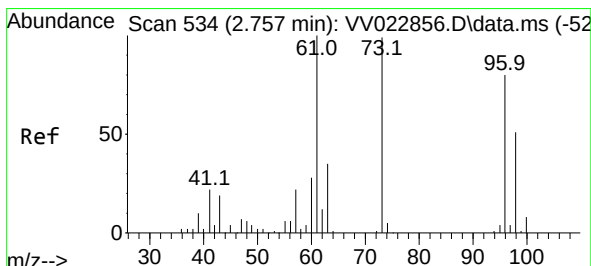
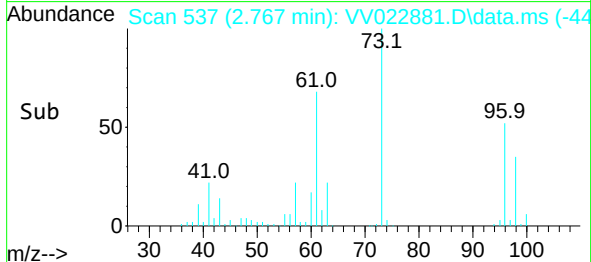
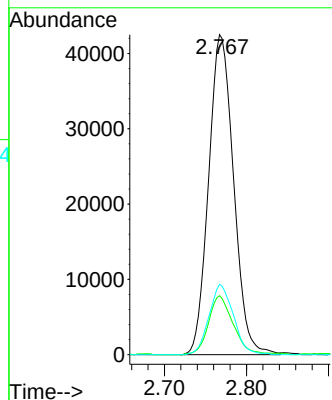
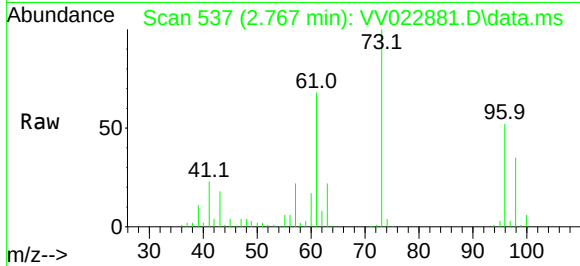




#17
Methyl tert-butyl Ether
Concen: 4.719 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

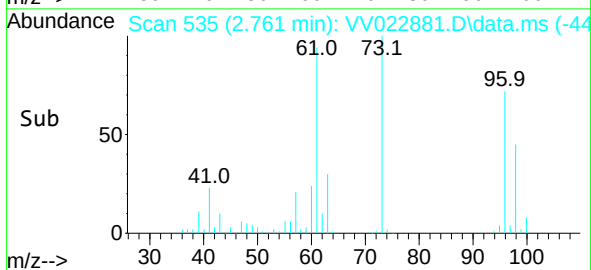
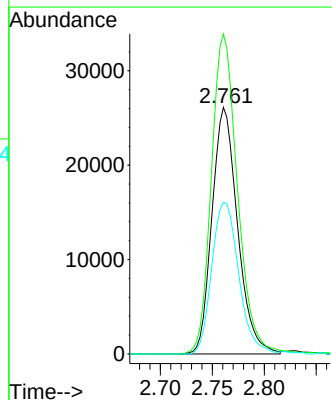
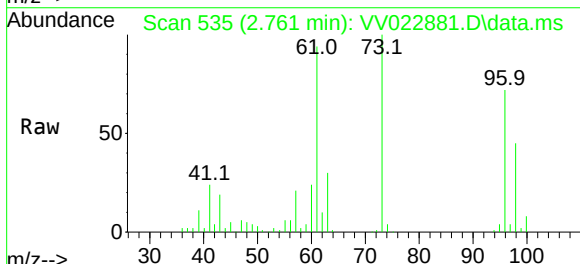
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

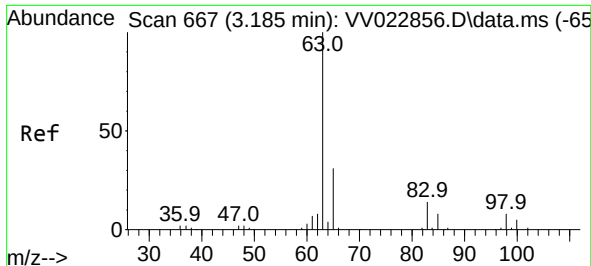
Tgt Ion: 73	Resp: 90083
Ion Ratio	Lower Upper
73	100
43	18.3 17.1 25.7
57	21.4 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.218 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 96	Resp: 44773
Ion Ratio	Lower Upper
96	100
61	129.8 94.5 175.5
98	61.5 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.372 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.007 min

Lab File: VV022881.D

Acq: 18 Oct 2021 21:03

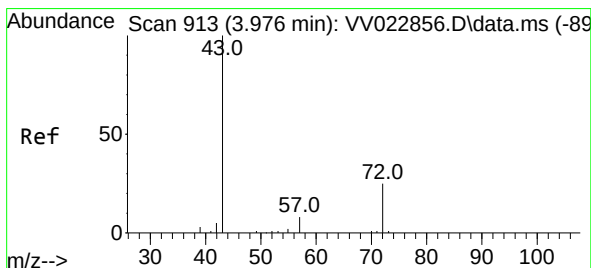
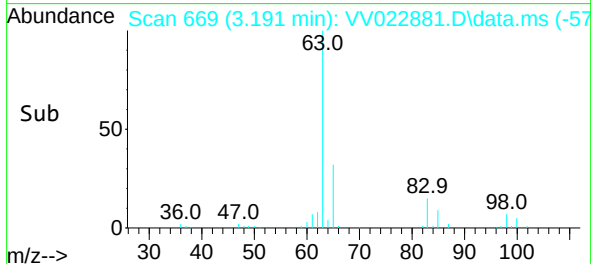
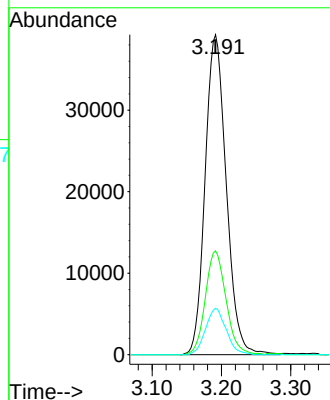
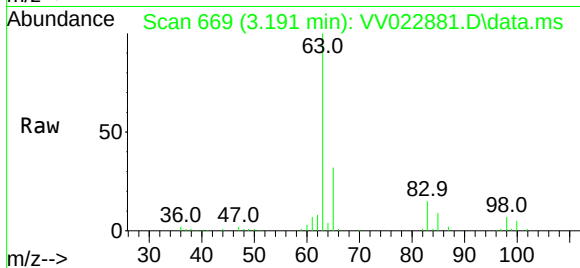
Tgt Ion: 63 Resp: 83010

Ion Ratio Lower Upper

63 100

65 32.4 23.5 43.7

83 14.5 10.1 18.7



#21

2-Butanone

Concen: 43.349 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.003 min

Lab File: VV022881.D

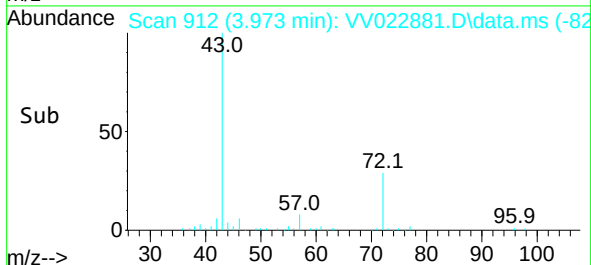
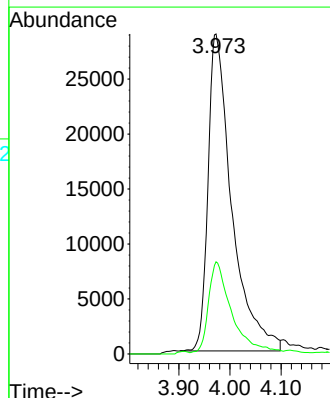
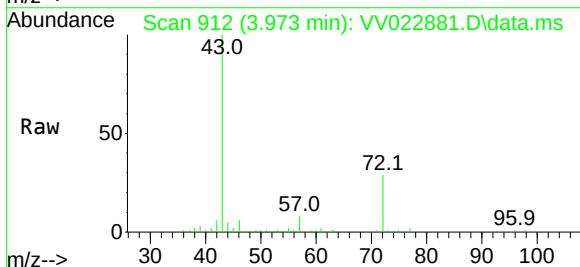
Acq: 18 Oct 2021 21:03

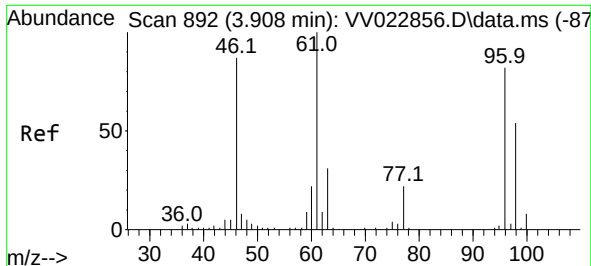
Tgt Ion: 43 Resp: 93256

Ion Ratio Lower Upper

43 100

72 28.3 12.3 36.8

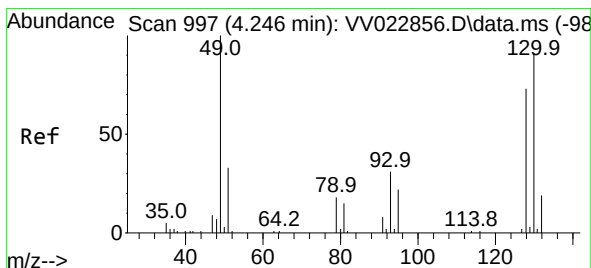
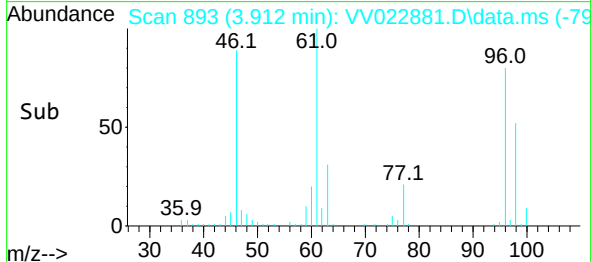
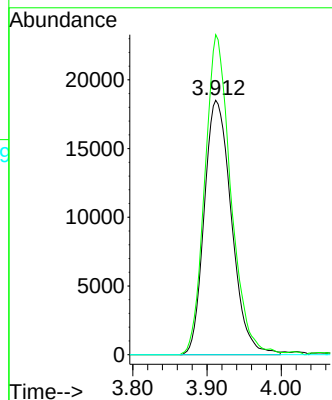
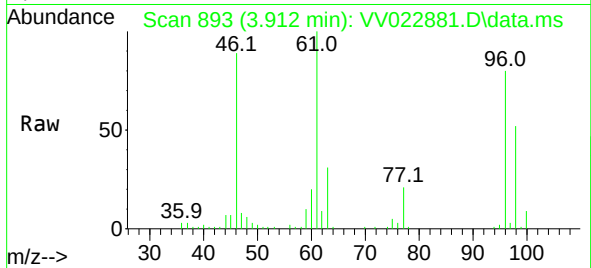




#22
 cis-1,2-Dichloroethene
 Concen: 5.235 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV022881.D
 Acq: 18 Oct 2021 21:03

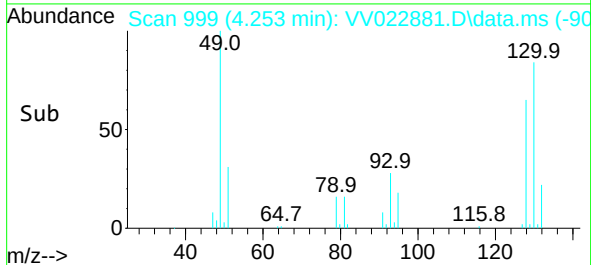
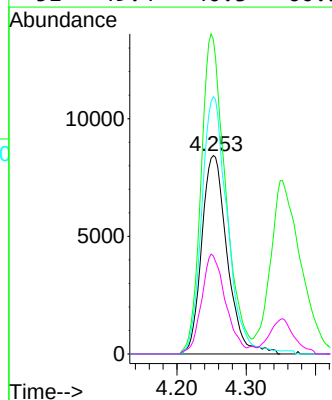
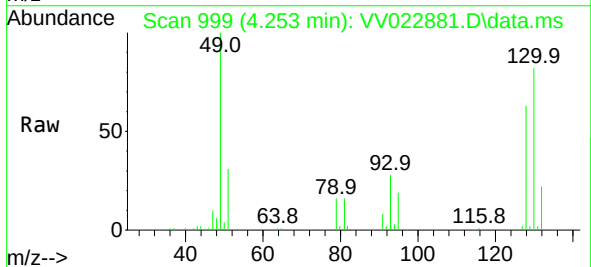
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

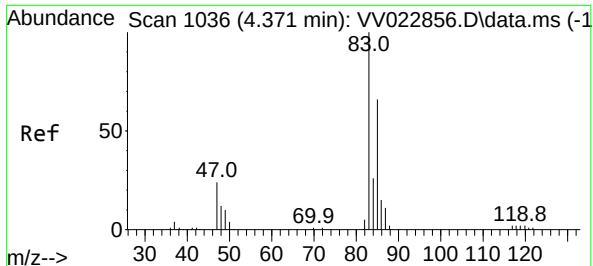
Tgt Ion:	96	Resp:	47166
Ion	Ratio	Lower	Upper
96	100		
61	125.7	86.0	159.6
68	0.0	0.0	0.0



#23
 Bromochloromethane
 Concen: 5.370 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.007 min
 Lab File: VV022881.D
 Acq: 18 Oct 2021 21:03

Tgt Ion:	128	Resp:	21495
Ion	Ratio	Lower	Upper
128	100		
49	158.5	106.9	198.5
130	129.6	91.9	170.7
51	49.4	40.3	60.5



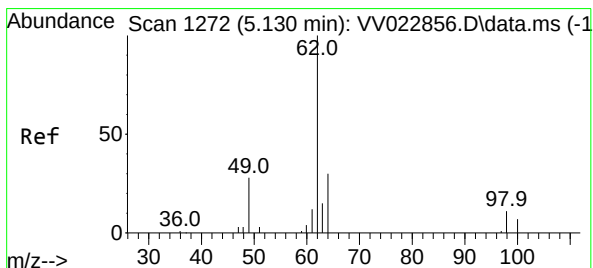
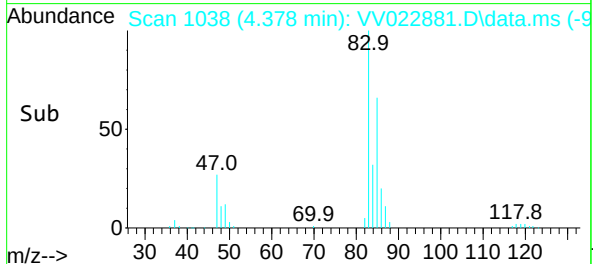
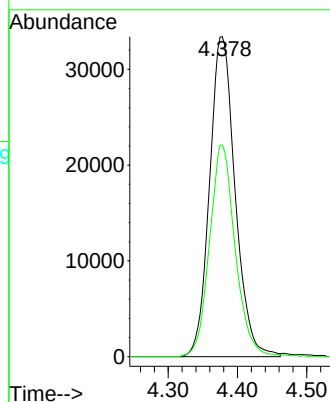
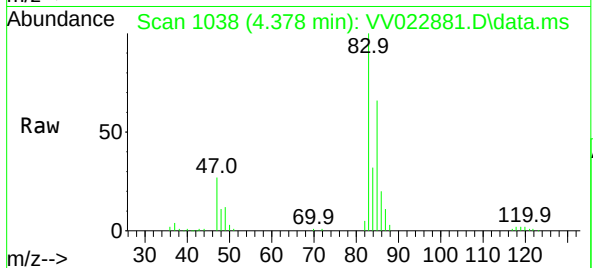


#25

Chloroform
Concen: 4.784 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

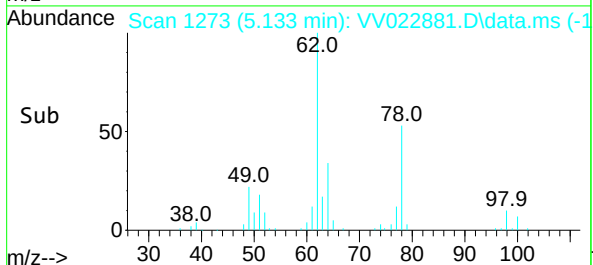
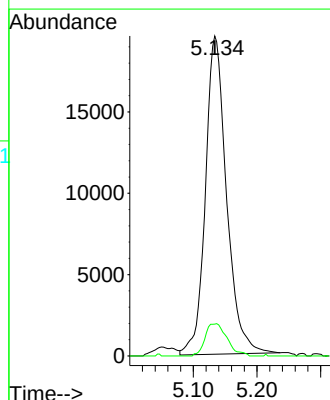
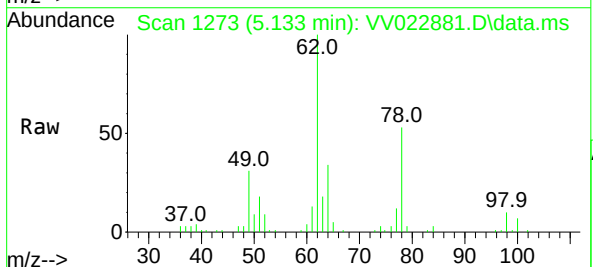
Tgt Ion: 83 Resp: 85701
Ion Ratio Lower Upper
83 100
85 66.1 45.7 84.9

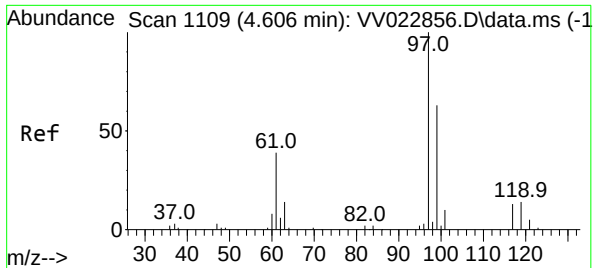


#27

1,2-Dichloroethane
Concen: 5.058 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 62 Resp: 45222
Ion Ratio Lower Upper
62 100
98 9.9 9.7 14.5



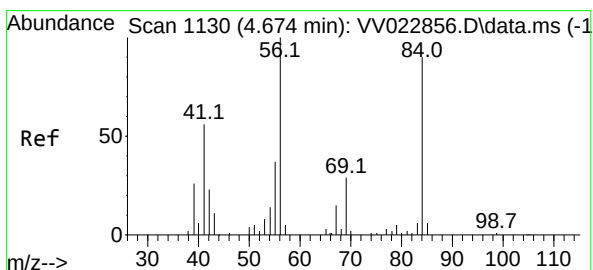
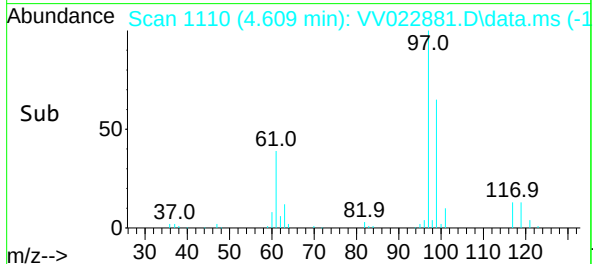
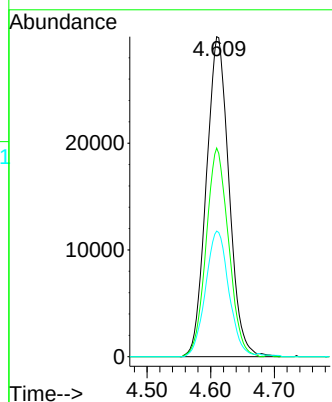
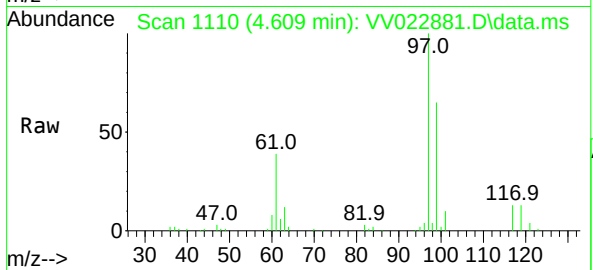


#29

1,1,1-Trichloroethane
Concen: 4.928 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

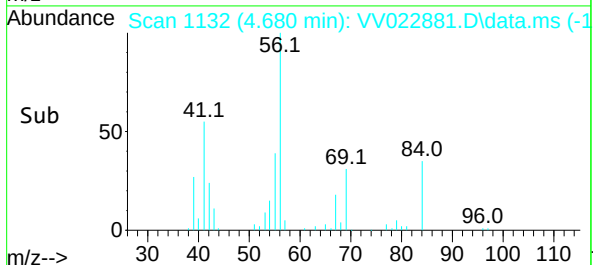
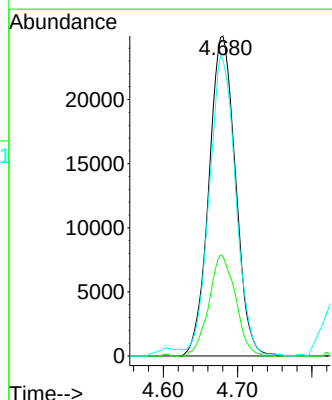
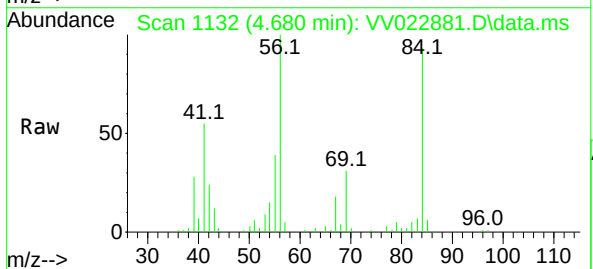
Tgt Ion: 97	Resp: 74216
Ion Ratio	Lower Upper
97 100	
99 64.6	51.2 76.8
61 40.3	33.2 49.8

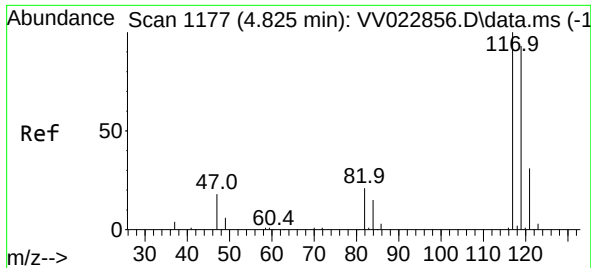


#30

Cyclohexane
Concen: 4.464 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.007 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 56	Resp: 62033
Ion Ratio	Lower Upper
56 100	
69 31.5	24.9 37.3
84 92.2	72.5 108.7

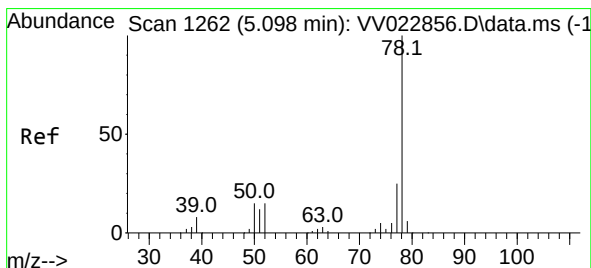
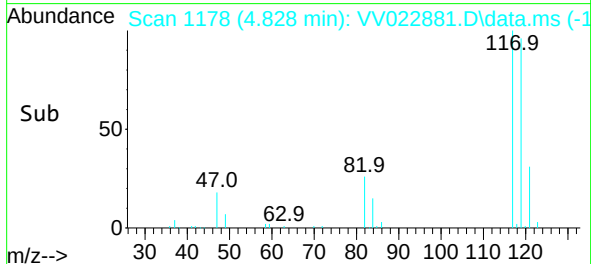
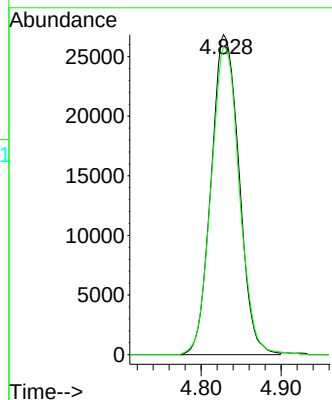
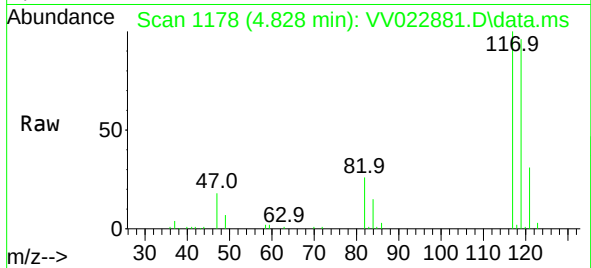




#31
Carbon tetrachloride
Concen: 4.974 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

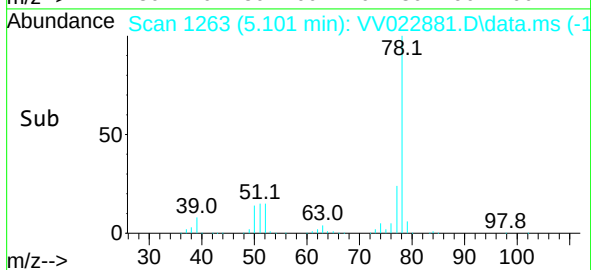
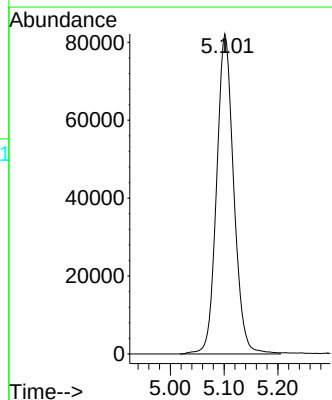
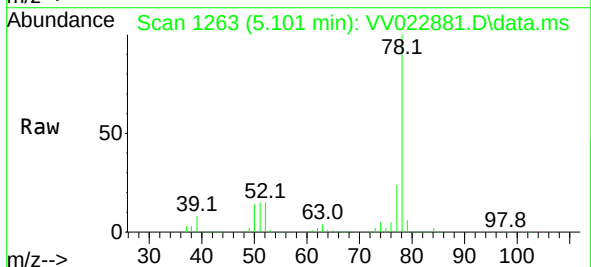
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

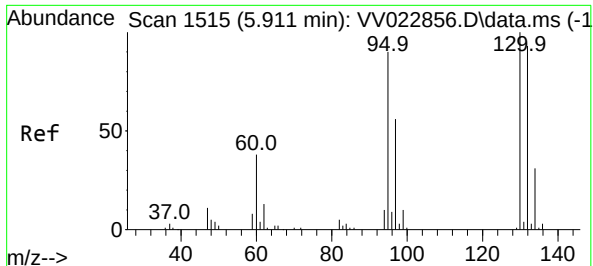
Tgt Ion:117 Resp: 65027
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.0



#33
Benzene
Concen: 5.122 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 78 Resp: 181952





#34

Trichloroethene

Concen: 4.822 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.007 min

Lab File: VV022881.D

Acq: 18 Oct 2021 21:03

Tgt Ion: 95 Resp: 46574

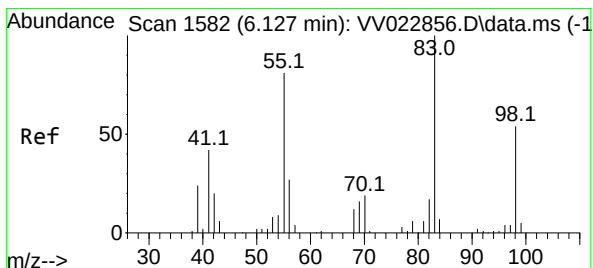
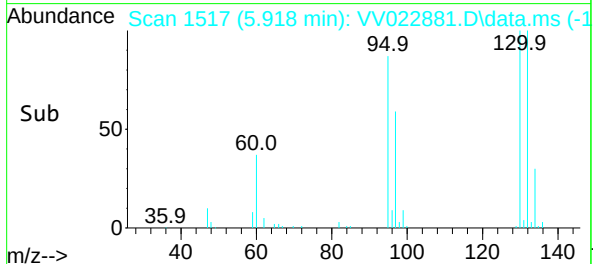
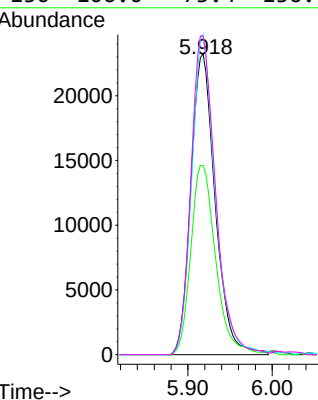
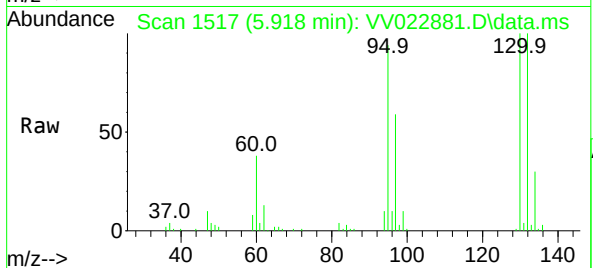
Ion Ratio Lower Upper

95 100

97 62.9 45.8 85.2

132 106.4 72.2 134.0

130 106.0 73.4 136.4



#35

Methylcyclohexane

Concen: 4.983 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.007 min

Lab File: VV022881.D

Acq: 18 Oct 2021 21:03

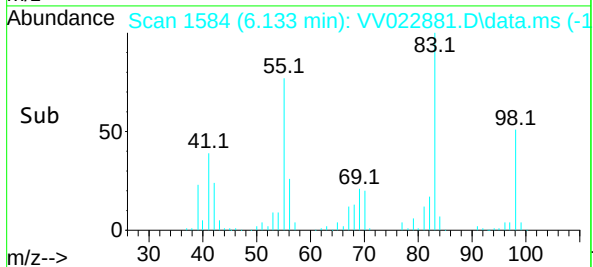
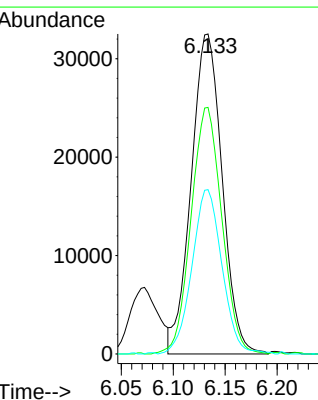
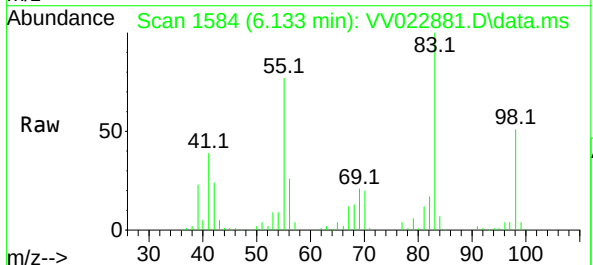
Tgt Ion: 83 Resp: 67431

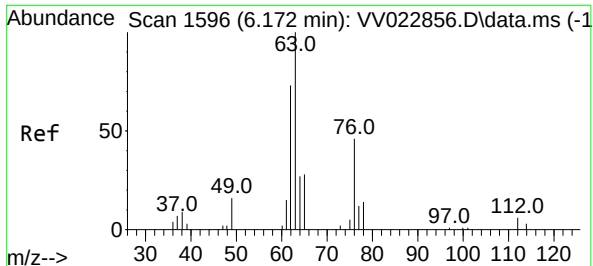
Ion Ratio Lower Upper

83 100

55 76.6 63.8 95.6

98 49.8 42.1 63.1



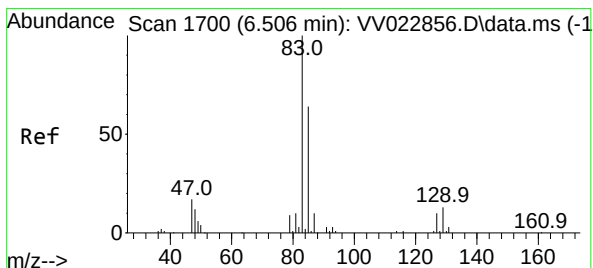
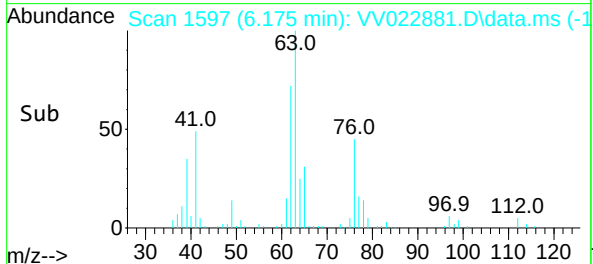
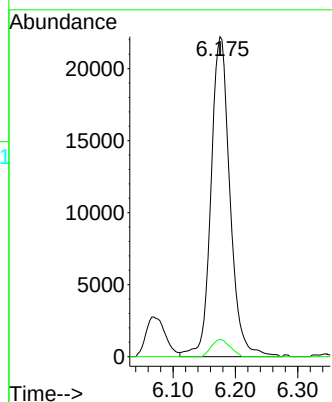
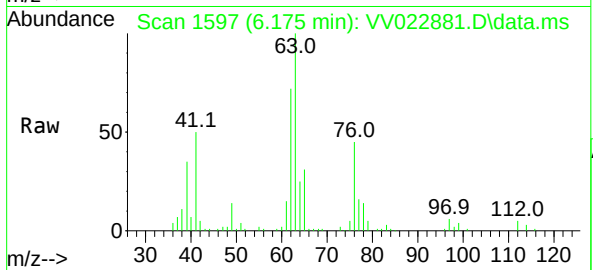


#37

1,2-Dichloropropane
Concen: 5.506 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

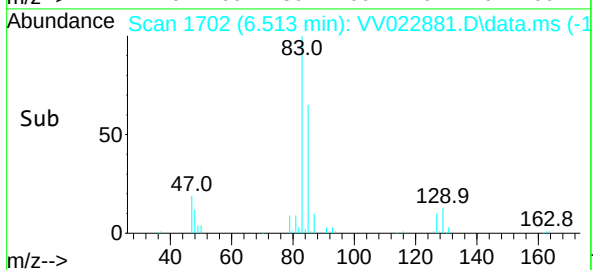
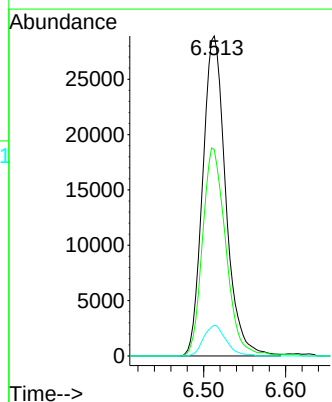
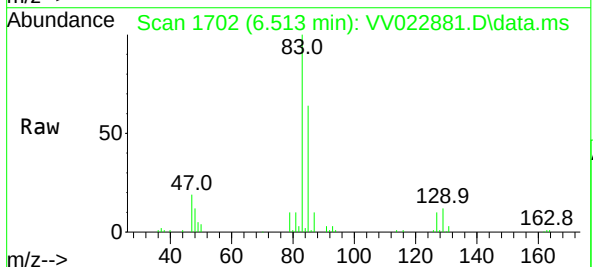
Tgt Ion: 63 Resp: 47039
Ion Ratio Lower Upper
63 100
112 5.3 4.4 6.6

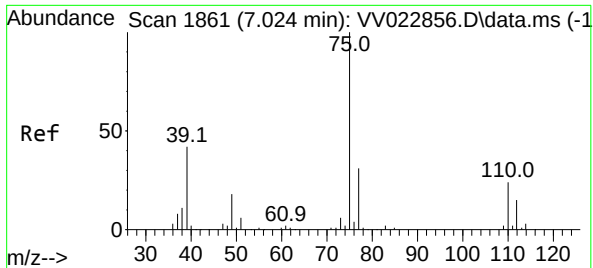


#38

Bromodichloromethane
Concen: 5.357 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.007 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 83 Resp: 56387
Ion Ratio Lower Upper
83 100
85 64.4 44.3 82.3
127 9.6 7.7 11.5

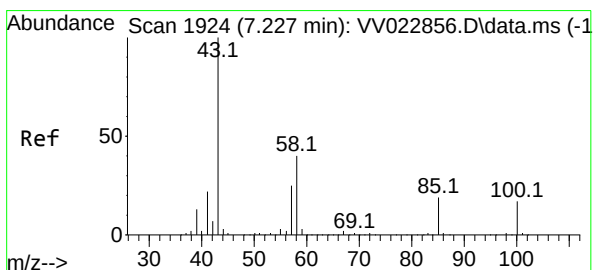
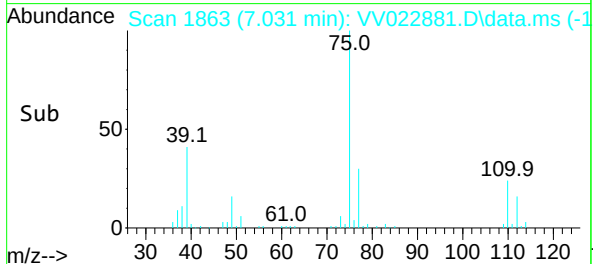
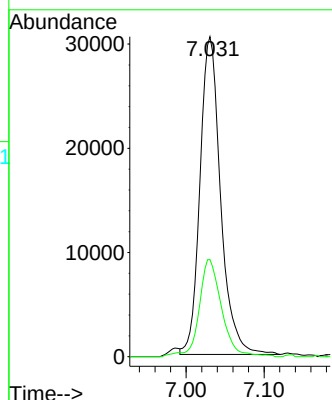
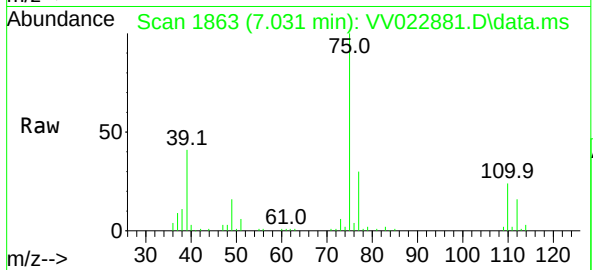




#39
 cis-1,3-Dichloropropene
 Concen: 4.964 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.007 min
 Lab File: VV022881.D
 Acq: 18 Oct 2021 21:03

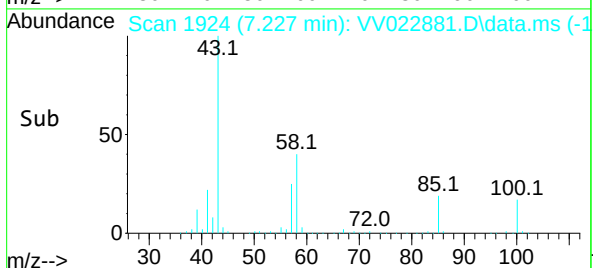
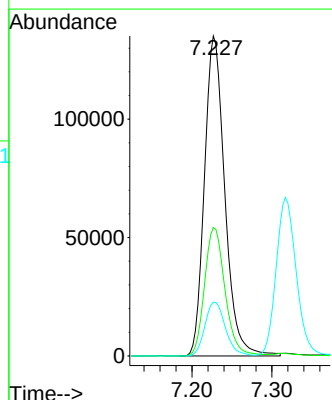
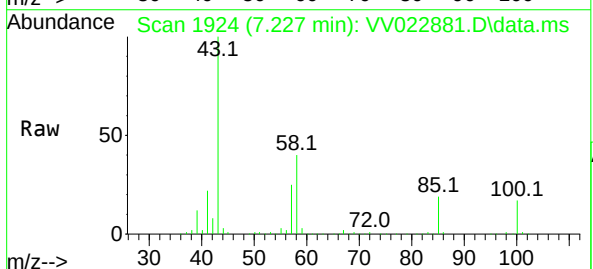
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

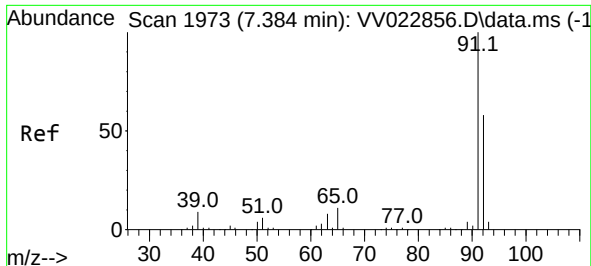
Tgt Ion: 75 Resp: 56140
 Ion Ratio Lower Upper
 75 100
 77 30.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 52.233 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV022881.D
 Acq: 18 Oct 2021 21:03

Tgt Ion: 43 Resp: 239765
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.0 48.0
 100 16.9 14.2 21.2

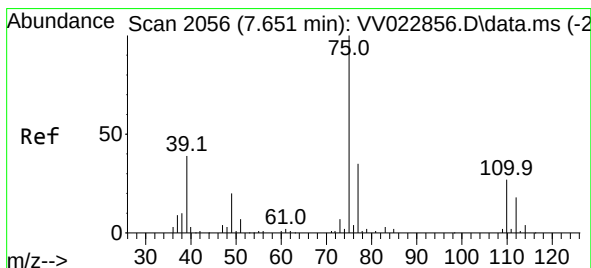
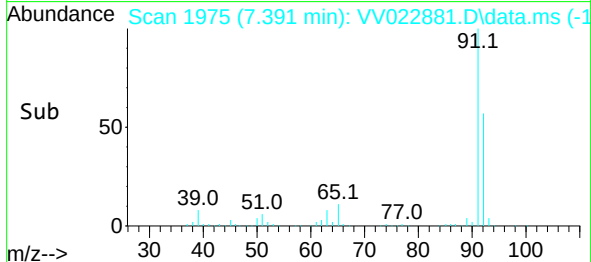
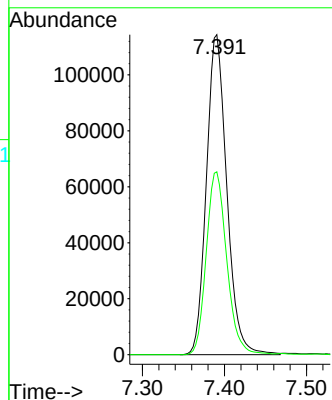
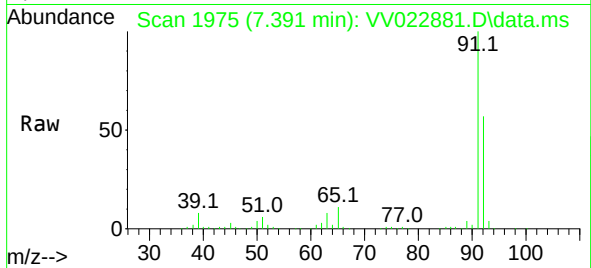




#42
Toluene
Concen: 5.494 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.007 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

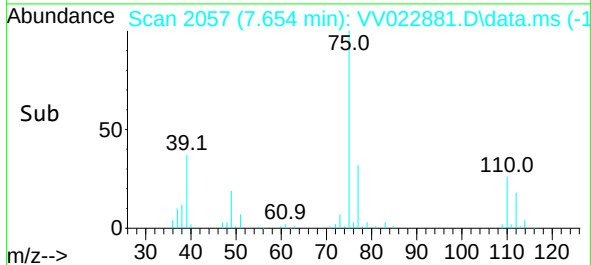
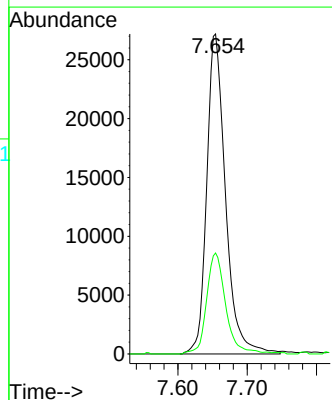
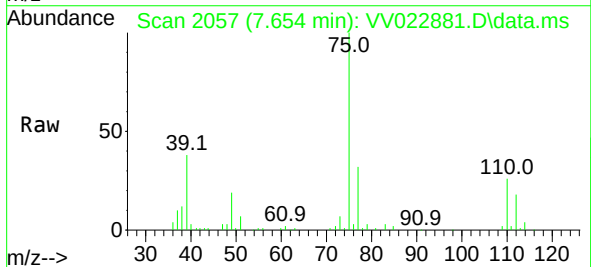
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

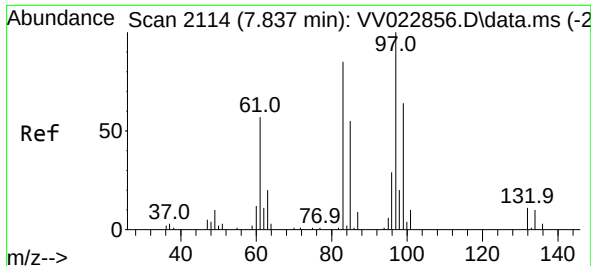
Tgt Ion: 91 Resp: 198135
Ion Ratio Lower Upper
91 100
92 57.1 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.537 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 75 Resp: 51050
Ion Ratio Lower Upper
75 100
77 31.6 23.9 44.5

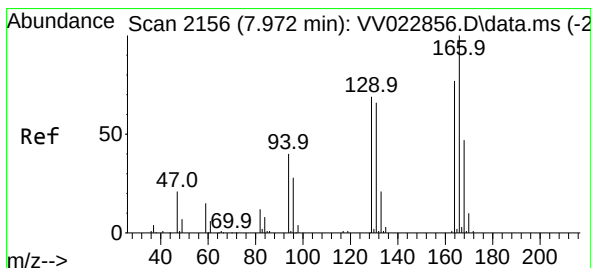
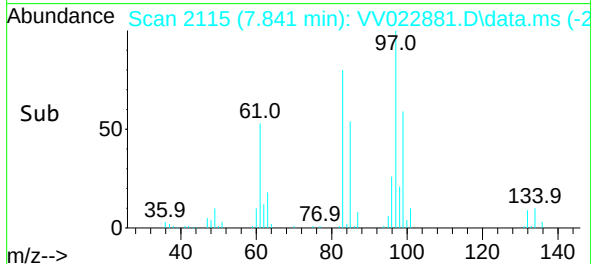
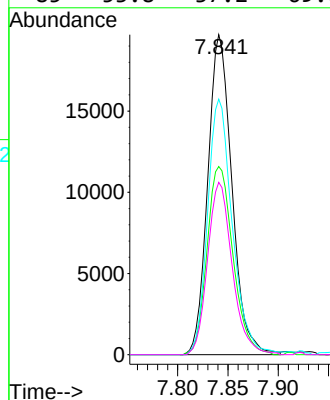
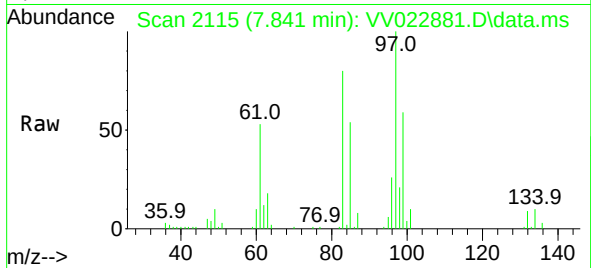




#45
1,1,2-Trichloroethane
Concen: 5.199 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

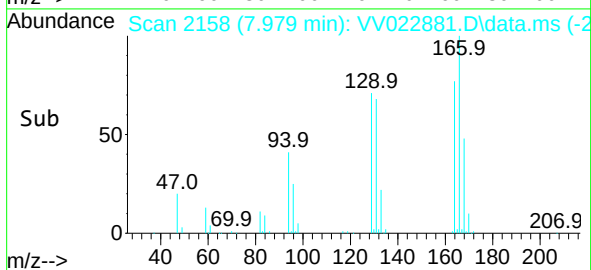
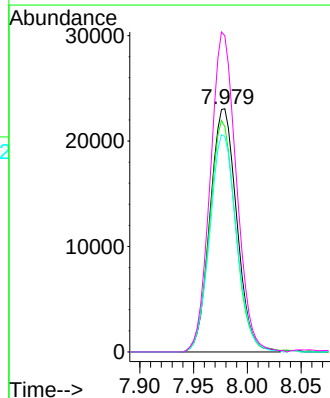
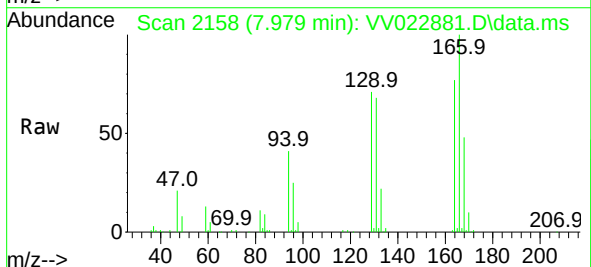
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

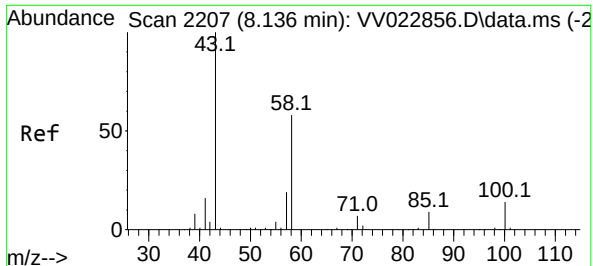
Tgt Ion: 97	Resp: 32961
Ion Ratio	Lower Upper
97 100	
99 58.8	44.5 82.7
83 79.8	56.6 105.0
85 53.8	37.2 69.0



#47
Tetrachloroethene
Concen: 5.111 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 164	Resp: 39924
Ion Ratio	Lower Upper
164 100	
129 92.7	65.0 120.6
131 88.6	62.2 115.4
166 130.0	89.2 165.8



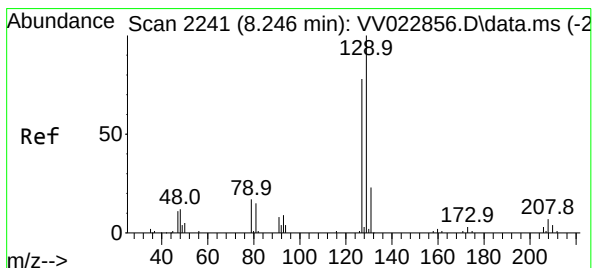
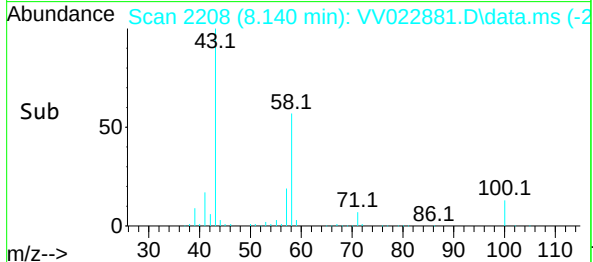
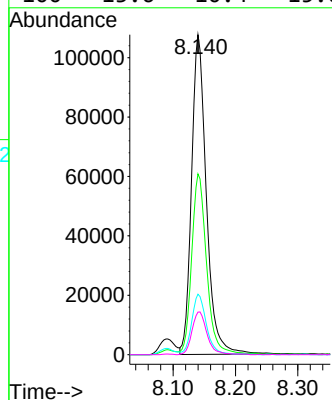
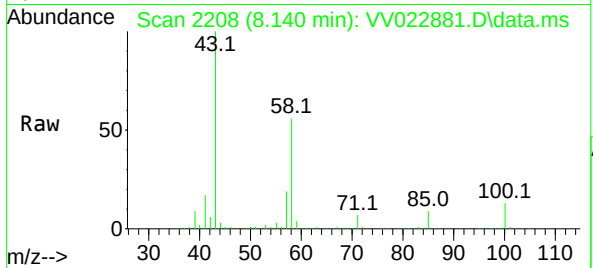


#48
2-Hexanone
Concen: 52.800 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

Tgt Ion: 43 Resp: 177213

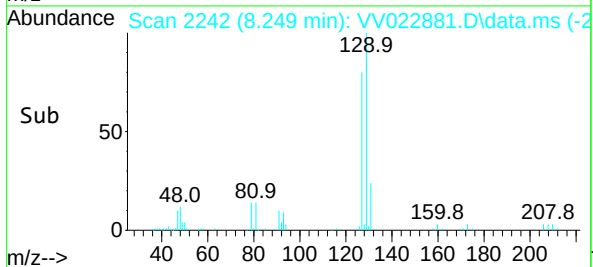
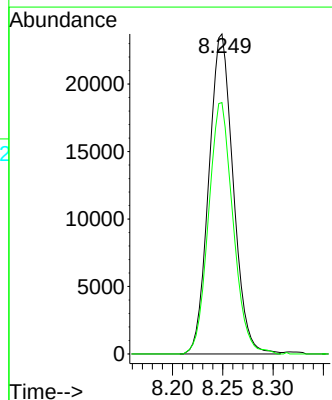
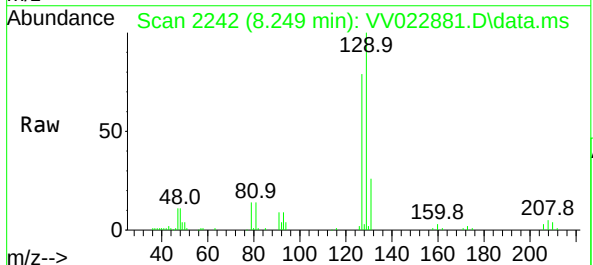
Ion	Ratio	Lower	Upper
43	100		
58	56.8	47.4	71.0
57	18.3	15.3	22.9
100	13.6	10.4	15.6

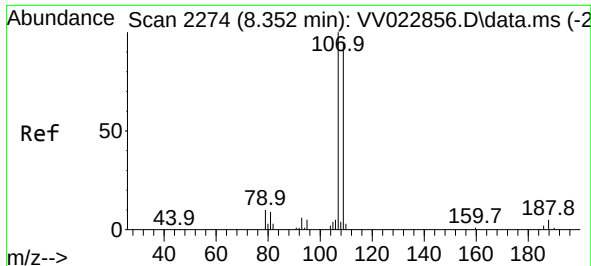


#49
Dibromochloromethane
Concen: 5.388 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 129 Resp: 39985

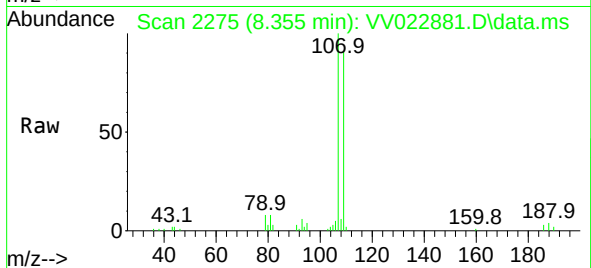
Ion	Ratio	Lower	Upper
129	100		
127	78.5	59.1	109.9



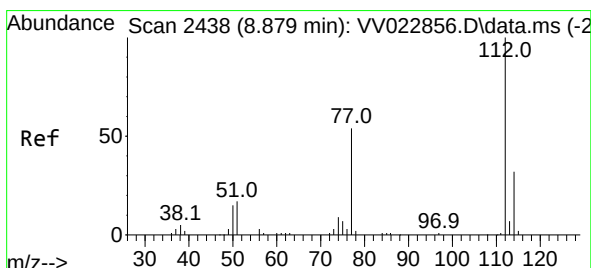
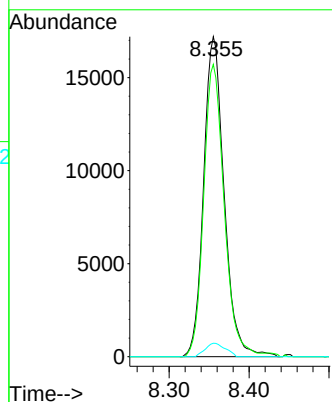
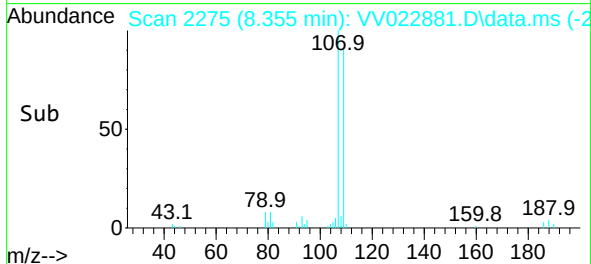


#50
1,2-Dibromoethane
Concen: 5.174 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

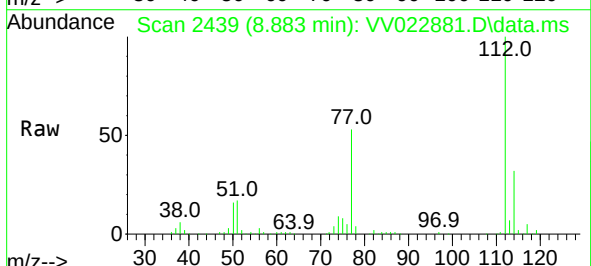
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315



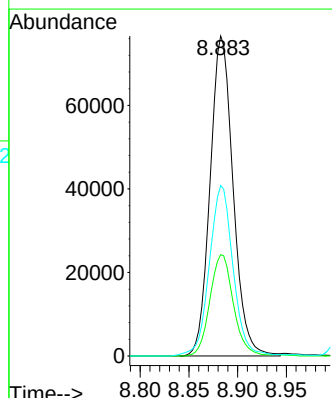
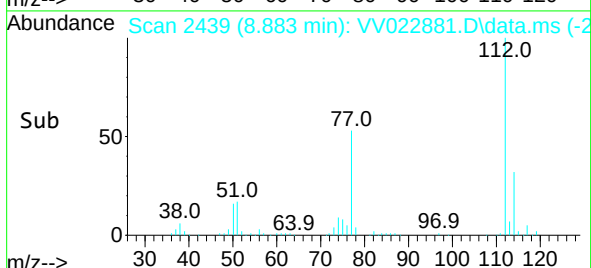
Tgt Ion:107 Resp: 30630
Ion Ratio Lower Upper
107 100
109 91.3 67.1 124.5
188 4.2 3.4 5.0

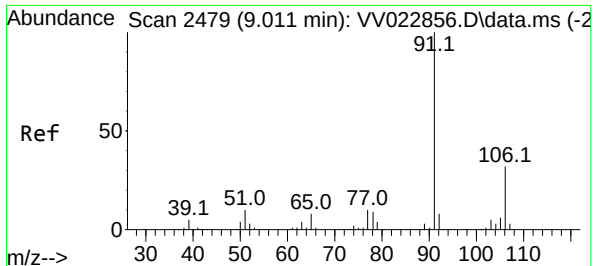


#51
Chlorobenzene
Concen: 5.317 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03



Tgt Ion:112 Resp: 125977
Ion Ratio Lower Upper
112 100
114 31.7 21.6 40.2
77 53.2 43.7 65.5





#52

Ethylbenzene

Concen: 5.372 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV022881.D

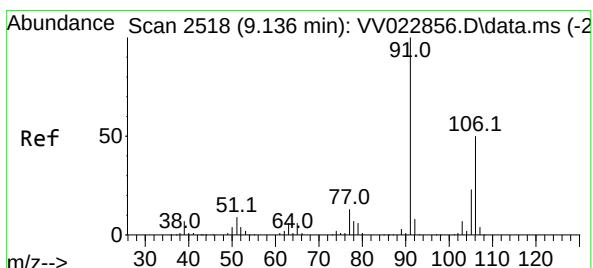
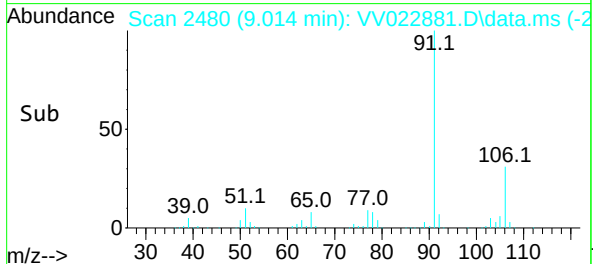
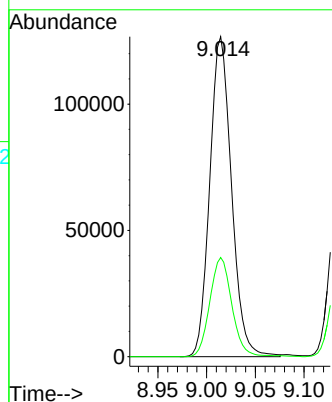
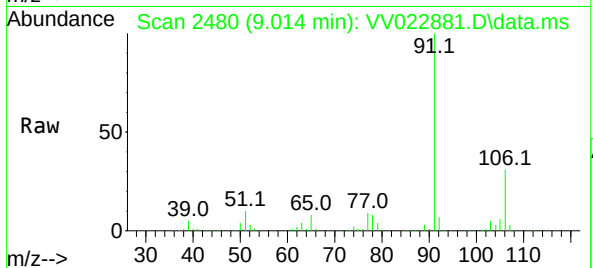
Acq: 18 Oct 2021 21:03

Tgt Ion: 91 Resp: 196676

Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.2



#53

m,p-xylene

Concen: 5.473 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV022881.D

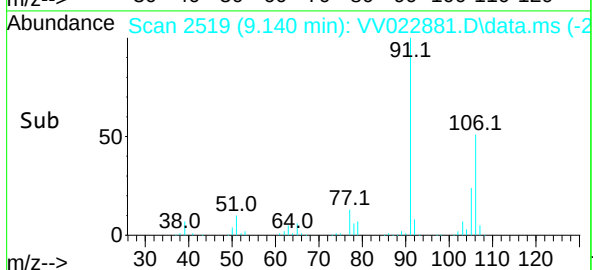
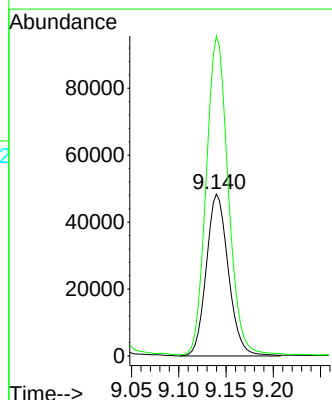
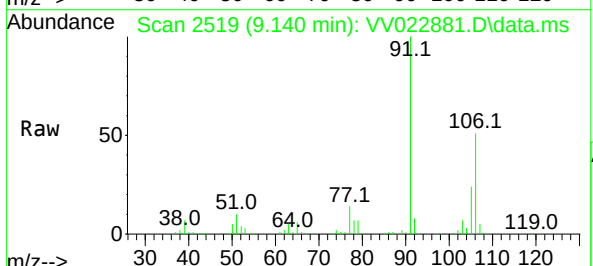
Acq: 18 Oct 2021 21:03

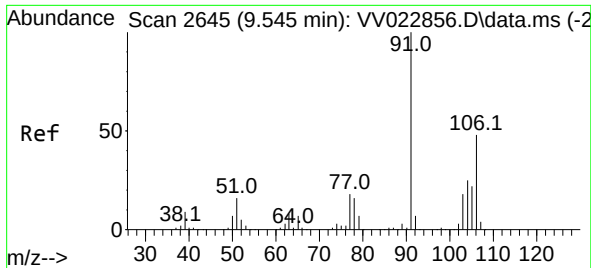
Tgt Ion: 106 Resp: 78640

Ion Ratio Lower Upper

106 100

91 197.5 138.7 257.5

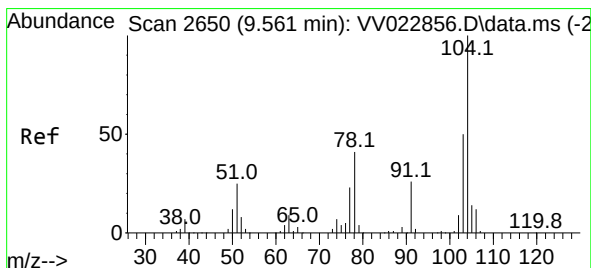
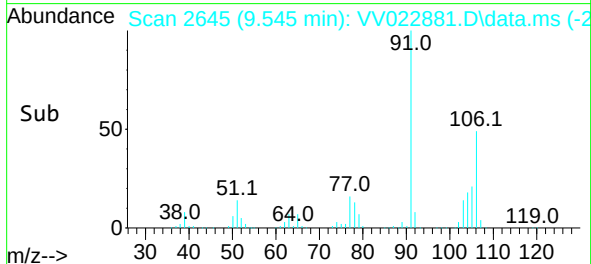
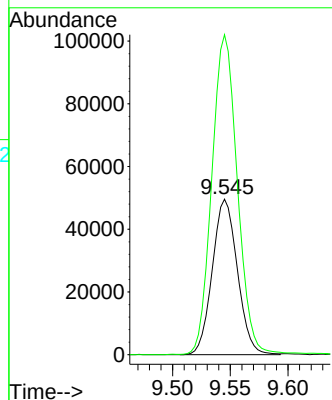
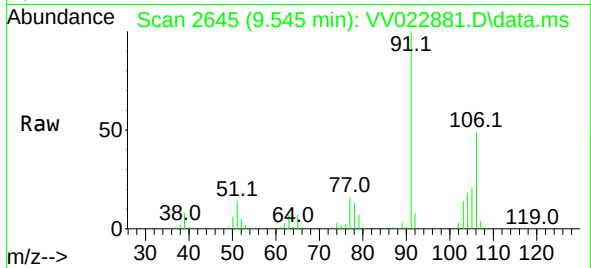




#54
o-xylene
Concen: 5.538 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

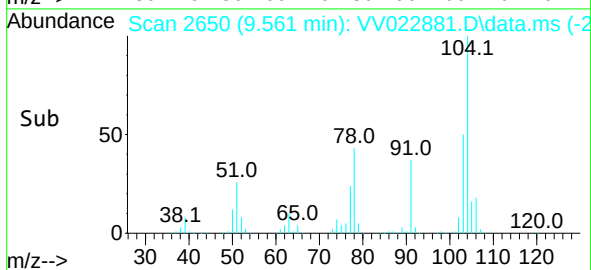
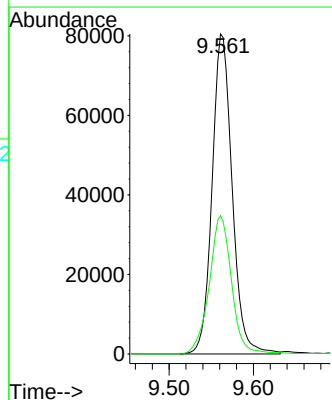
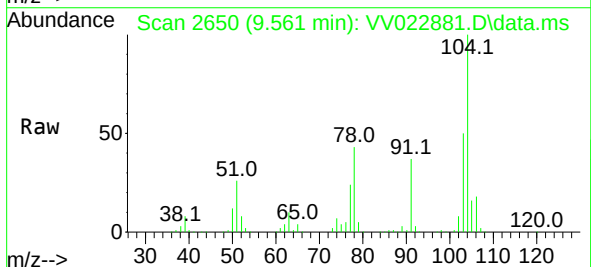
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

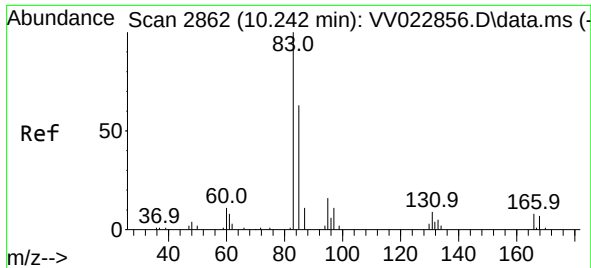
Tgt Ion:106 Resp: 74858
Ion Ratio Lower Upper
106 100
91 205.8 151.1 280.7



#55
Styrene
Concen: 5.702 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion:104 Resp: 132794
Ion Ratio Lower Upper
104 100
78 43.2 29.5 54.7

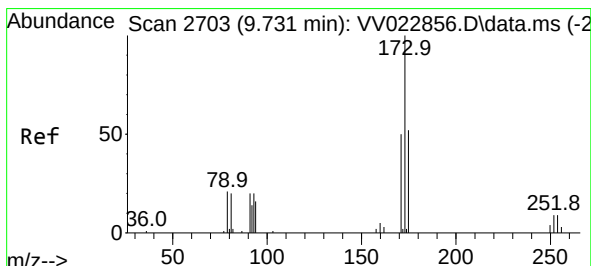
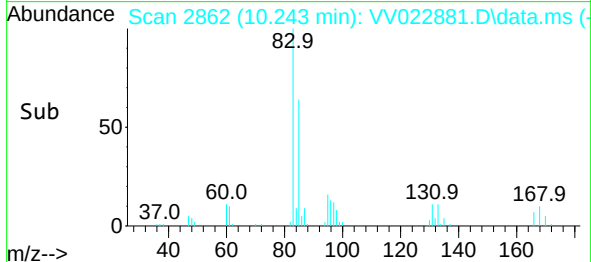
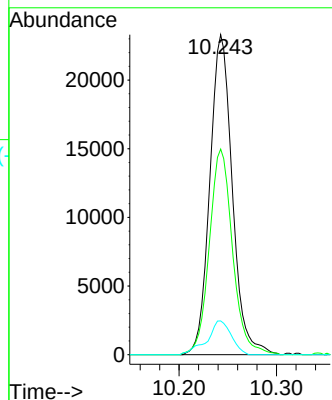
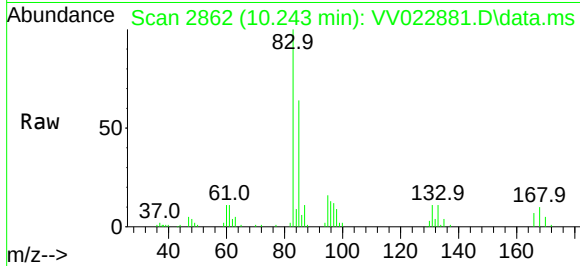




#57
1,1,2,2-Tetrachloroethane
Concen: 5.823 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

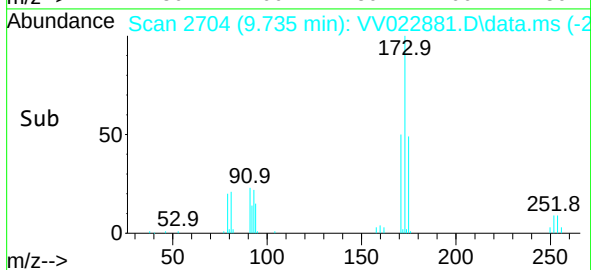
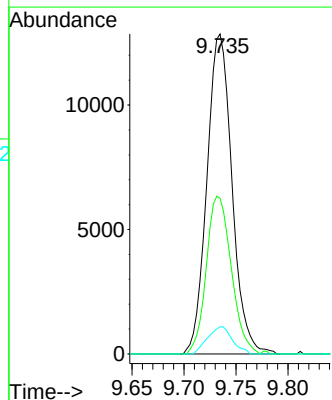
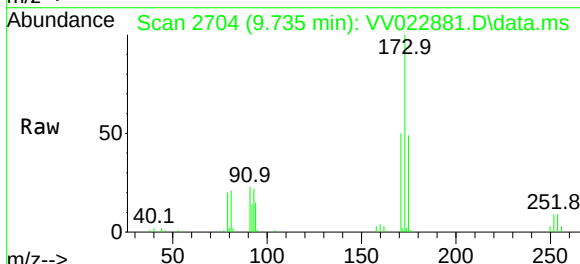
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

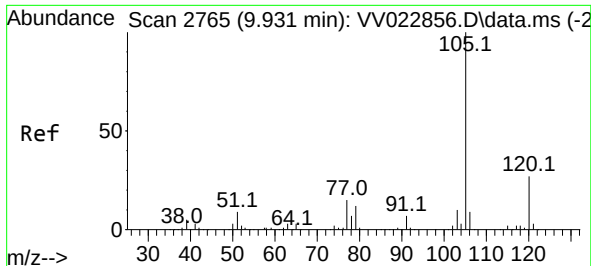
Tgt Ion:	83	Resp:	37349
Ion	Ratio	Lower	Upper
83	100		
85	64.3	46.0	85.4
131	10.6	8.4	12.6



#59
Bromoform
Concen: 5.217 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion:	173	Resp:	21588
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.3	57.5
254	8.4	7.1	10.7

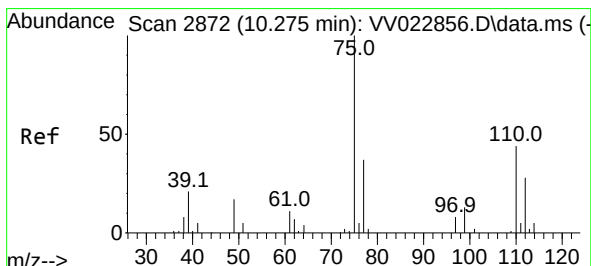
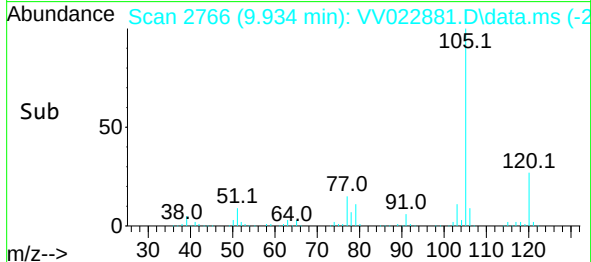
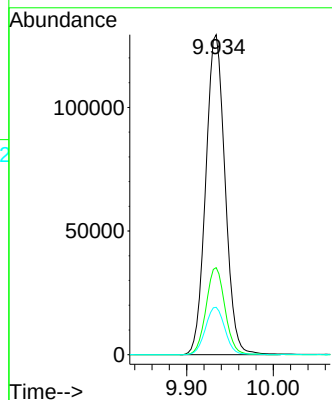
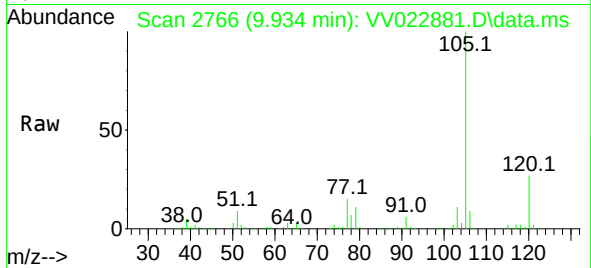




#60
Isopropylbenzene
Concen: 5.342 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

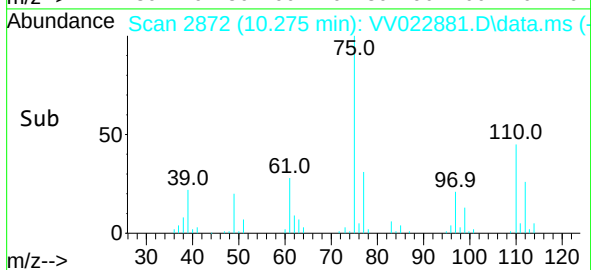
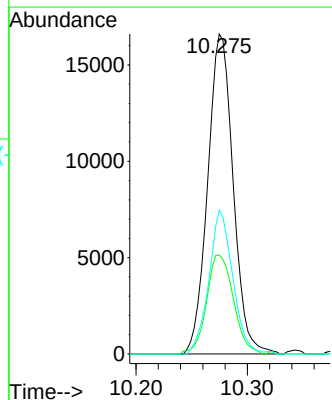
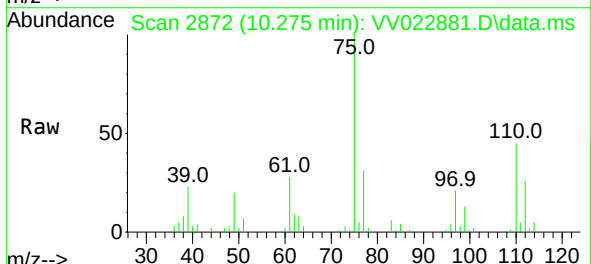
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

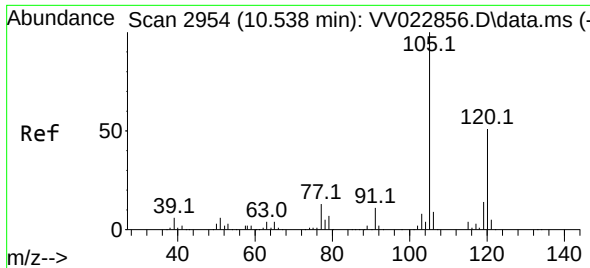
Tgt Ion:105 Resp: 200464
Ion Ratio Lower Upper
105 100
120 26.6 21.8 32.8
77 15.0 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.144 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion: 75 Resp: 26403
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
110 42.2 34.2 51.4

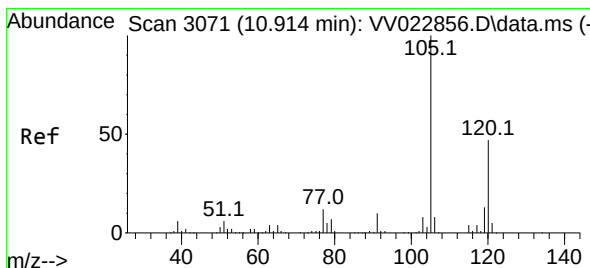
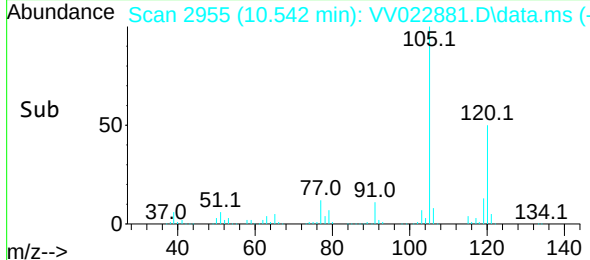
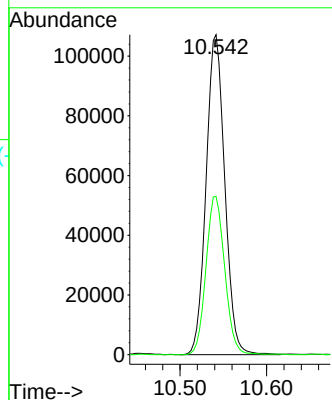
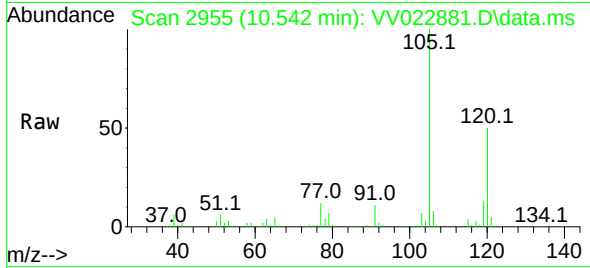




#62
1,3,5-Trimethylbenzene
Concen: 5.298 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

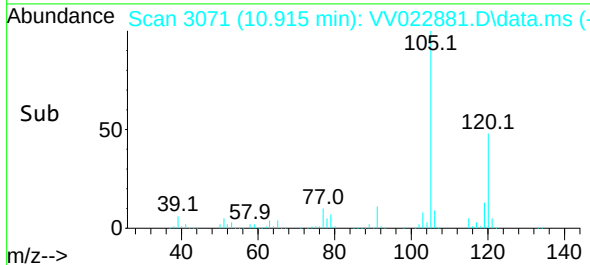
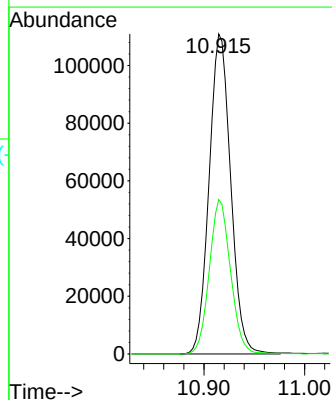
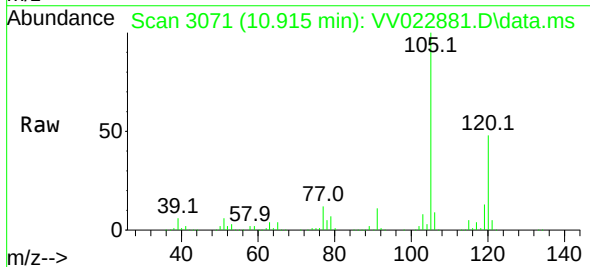
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

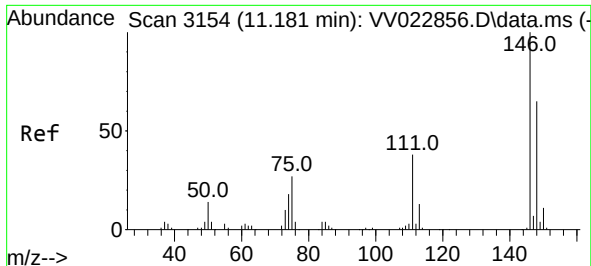
Tgt Ion:105 Resp: 160639
Ion Ratio Lower Upper
105 100
120 49.7 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.443 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion:105 Resp: 165129
Ion Ratio Lower Upper
105 100
120 47.5 37.3 55.9

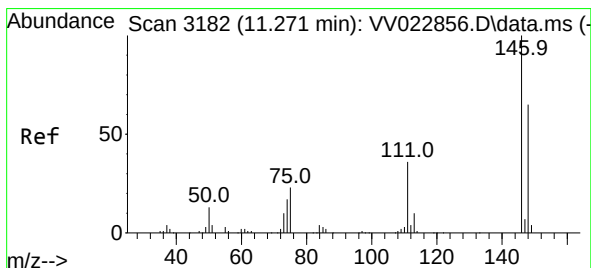
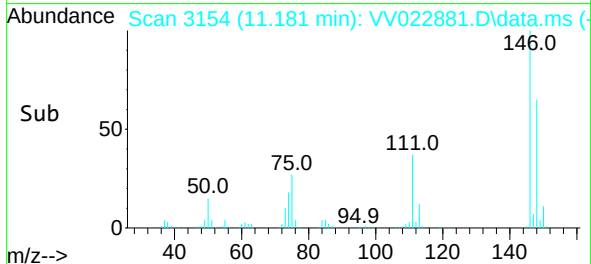
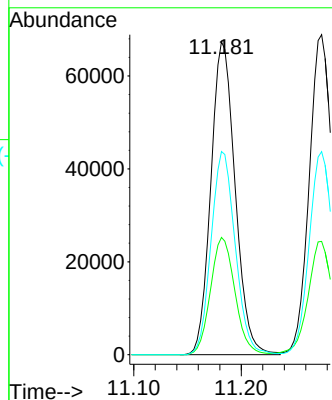
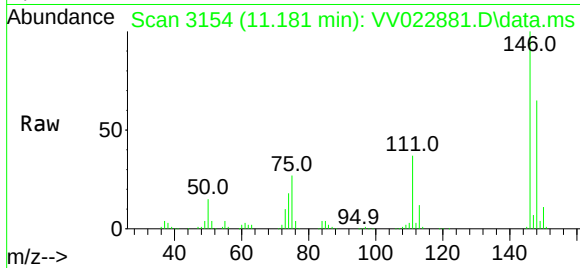




#64
1,3-Dichlorobenzene
Concen: 5.366 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

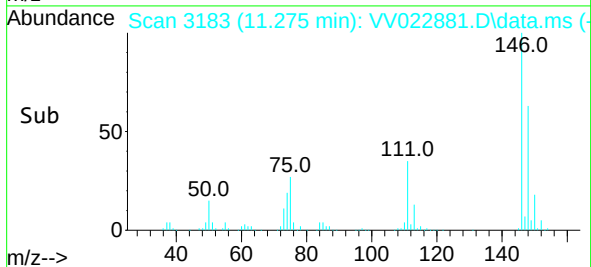
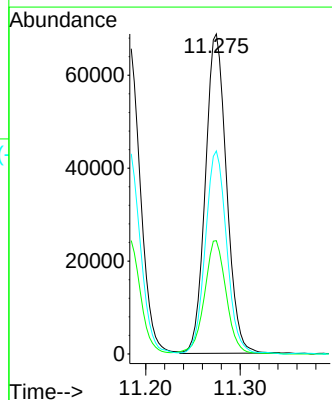
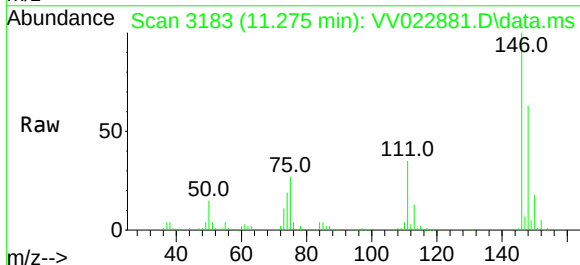
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

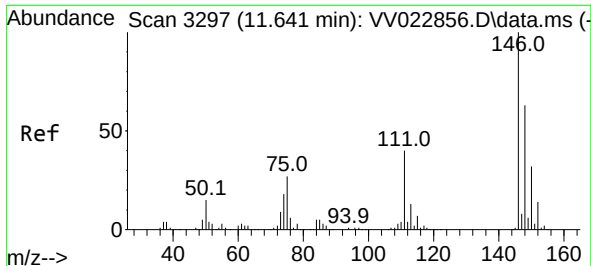
Tgt Ion:146 Resp: 105681
Ion Ratio Lower Upper
146 100
111 37.5 26.7 49.5
148 64.9 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.350 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

Tgt Ion:146 Resp: 106993
Ion Ratio Lower Upper
146 100
111 35.4 25.6 47.4
148 63.4 44.9 83.5

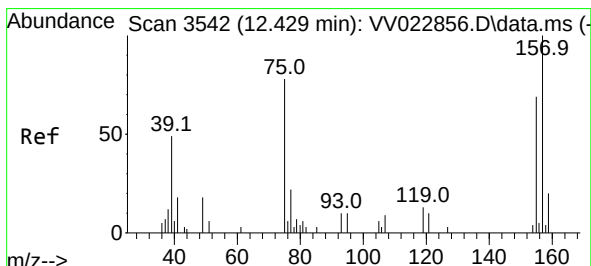
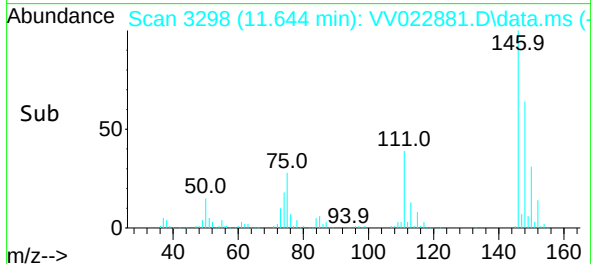
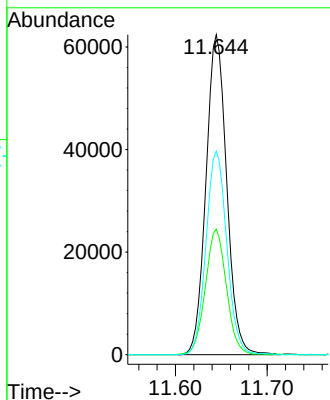
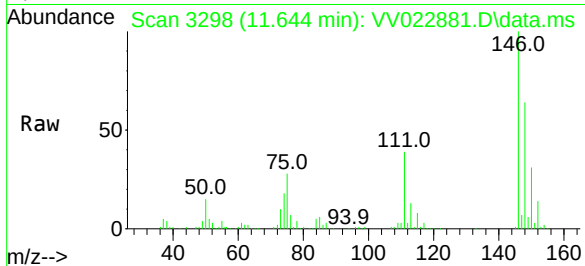




#67
1,2-Dichlorobenzene
Concen: 5.309 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

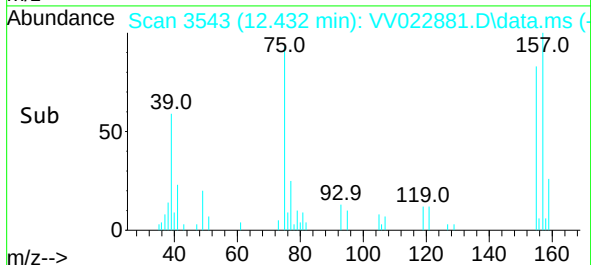
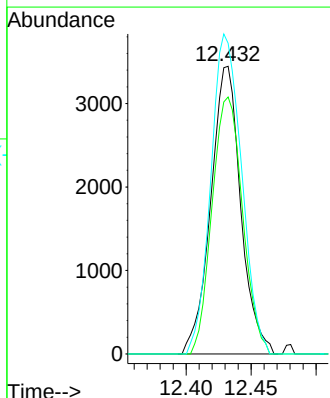
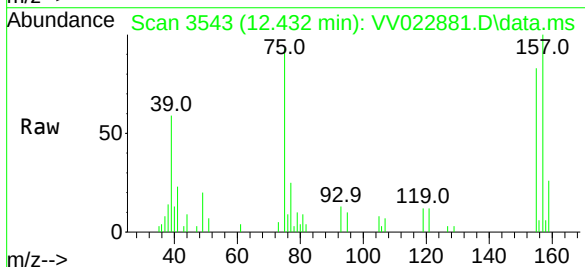
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

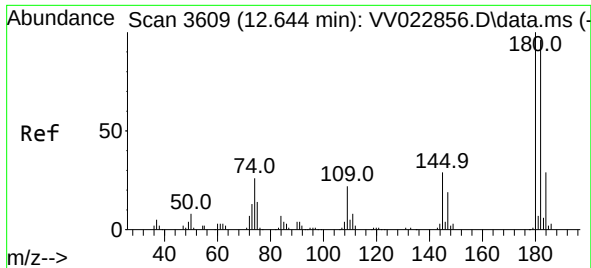
Tgt Ion:146 Resp: 98079
Ion Ratio Lower Upper
146 100
111 39.2 32.3 48.5
148 63.6 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.925 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

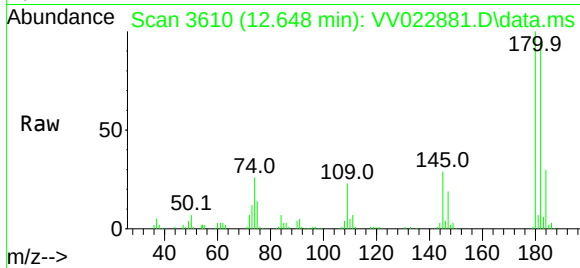
Tgt Ion: 75 Resp: 5535
Ion Ratio Lower Upper
75 100
155 89.3 82.4 123.6
157 108.0 114.1 171.1#



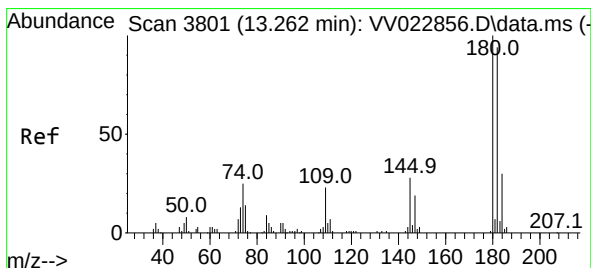
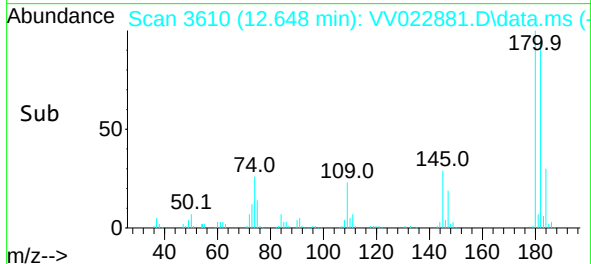
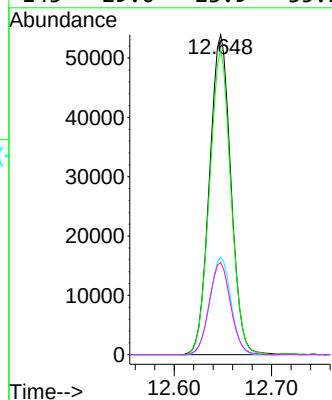


#69
 1,3,5-Trichlorobenzene
 Concen: 5.546 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV022881.D
 Acq: 18 Oct 2021 21:03

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

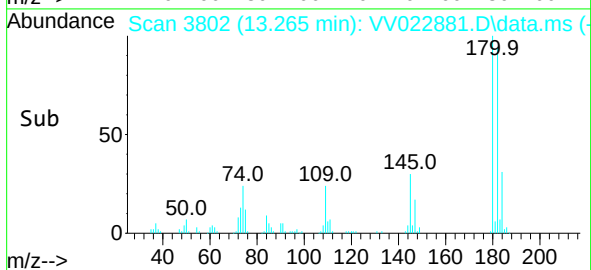
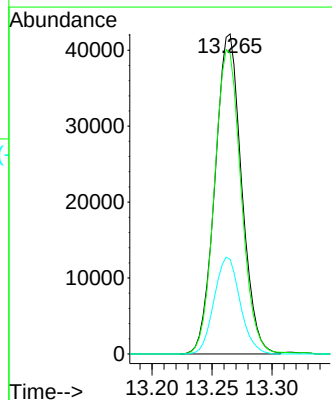
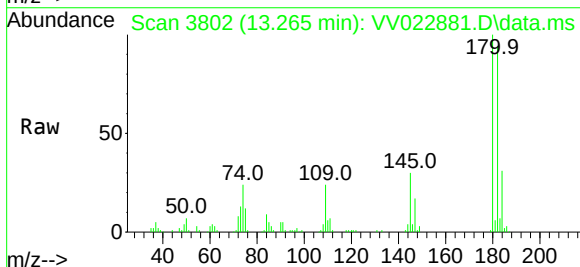


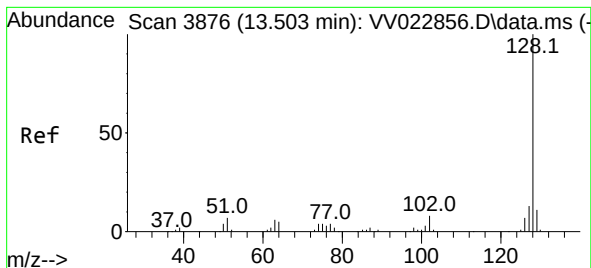
Tgt Ion:180 Resp: 82279
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.0 115.6
 184 29.9 24.5 36.7
 145 29.0 23.9 35.9



#70
 1,2,4-trichlorobenzene
 Concen: 5.740 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.003 min
 Lab File: VV022881.D
 Acq: 18 Oct 2021 21:03

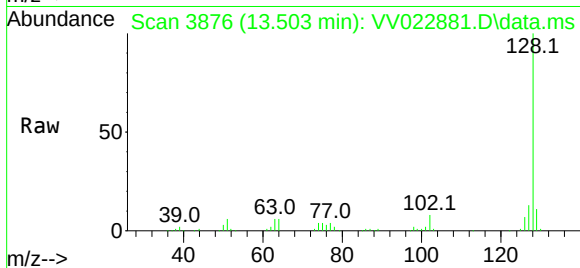
Tgt Ion:180 Resp: 65053
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.0 114.0
 145 29.4 24.1 36.1



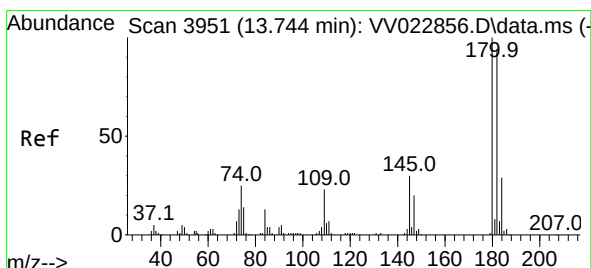
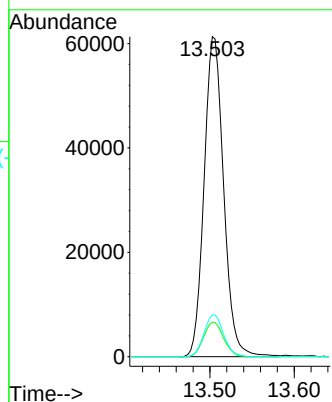
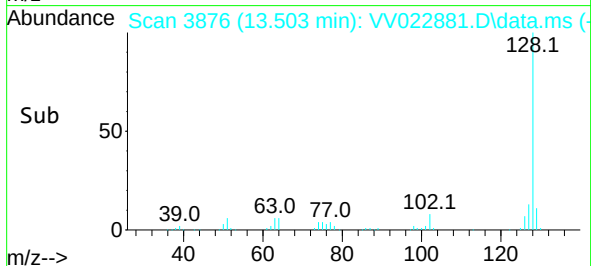


#71
Naphthalene
Concen: 5.498 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03

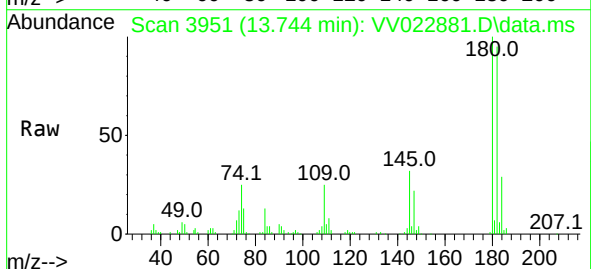
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315



Tgt Ion:128 Resp: 99035
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.1 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.663 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022881.D
Acq: 18 Oct 2021 21:03



Tgt Ion:180 Resp: 60521
Ion Ratio Lower Upper
180 100
182 94.0 75.5 113.3
145 31.5 24.7 37.1

